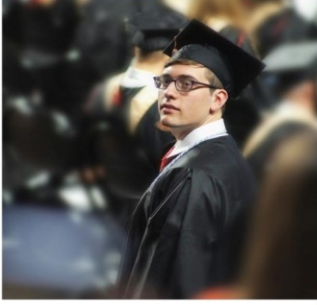
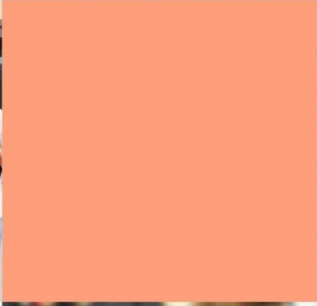


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# INTRODUCTION TO HE Higher Education Ranking

METHODOLOGY, CRITERIA & INDICATORS

Published by: HE Higher ED Ranking

| **Mustafa Kayyali, Ph.D.**

**Introduction to HE Higher Education Ranking**  
**Methodology, Criteria, and Indicators**  
**Mustafa Kayyali, Ph.D.**

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[Higher Education Quality and Assessment Council]

**Email:** [info@ranking.heranking.com](mailto:info@ranking.heranking.com)

**Website:** <https://ranking.heranking.com/>

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**Author:** Mustafa Kayyali, Ph.D.

**Email:** [kayyali@heranking.com](mailto:kayyali@heranking.com)

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**Methodology, Criteria, and Indicators**

**Mustafa Kayyali, Ph.D.**

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## I. Introduction

In the ever-evolving environment of higher education, where institutions are motivated by the pursuit of excellence and global recognition, the HE Higher Education Ranking stands as a transforming force. This book, "Introduction to HE Higher Education Ranking: Methodology, Criteria, and Indicators," beckons readers into a profound exploration of this innovative ranking system, offering a comprehensive understanding of its origins, methodologies, and the complex relationships that shape its significance in the field of global academia. Our voyage begins by diving into the historical fabric of higher education rankings, tracking the growth of these assessments as they have come to play a vital role in creating institutional identities. Against this context, the HE Higher Education Ranking emerges as a modern answer, a product of painstaking planning and a realization of the growing demands within the academic scene. Established in 2022, the debut edition, presented in April 2023, constituted a watershed moment—an expression of the ranking's dedication to providing a novel, complete view of the institutional position.

The story unfolds beyond the mere presentation of numerical placements. This book serves as a guide, introducing varied readers—academics, institutional leaders, students, and enthusiasts—to the sophisticated mechanisms that govern the HE Higher Education Ranking. As we go across its techniques, criteria, and indicators, the goal is to transcend the surface-level comprehension of rankings, unraveling the layers that contribute to a complete assessment of academic institutions on a global basis. The HE Higher Education Ranking, with its genesis in the recent past, represents a commitment to responding to the difficulties of modern higher education. It recognizes that excellence is multi-faceted, reaching beyond established measurements. This appreciation is integrated into the very fabric of the ranking, molding its criteria to encompass the many contributions that institutions contribute to the educational scene. The book contextualizes this philosophy, outlining the motivations and concepts that inspire the HE Higher Education Ranking in its objective to present a more comprehensive assessment of academic institutions.

As we move forward through the parts, the narrative evolves to confront basic problems that go beyond the numerical rankings. Why should there be a thorough and holistic approach to rankings? What is the significance of universities in participating in such assessments? Why precisely 25 criteria, and how manageable are the 138 indications that form this grading



system? These questions lead us to study not just the "what" but also the "why" and "how" of the HE Higher Education Ranking, diving into the complexities that define its purpose and scope.

The book strives to offer a comprehensive picture, addressing issues, investigating rationales, and engaging with the numerous facets of the HE Higher Education Ranking. It is not only a static documentation of rankings but an active inquiry, an invitation to comprehend, analyze, and participate in the ongoing conversation about the future of higher education assessment. Through this investigation, we uncover the importance of rankings in shaping institutional behavior, decision-making processes, and the future trends that will alter the landscape of academic evaluations.

In simple terms, "Introduction to HE Higher Education Ranking" is an intellectual expedition—a journey into the heart of educational assessment. It is an investigation of the ranking's position as a transformative force, impacting the discourse on the future of higher education in an interconnected global arena. As we immerse ourselves in the pages that follow, we expose the layers that make the HE Higher Education Ranking an invaluable compass, guiding institutions, educators, and stakeholders toward greatness in the evolving world of academia.

### **1.1 Purpose and Scope of the Book**

In navigating the challenging circle of higher education rankings, this book offers a complete guide, disclosing the purpose and clarifying the wide breadth that drives the HE Higher Education Ranking: Methodology, Criteria, and Indicators. As we embark on this intellectual journey, it is vital to appreciate the profound reasons and objectives that have given rise to the production of this volume, contextualizing its relevance within the broader discourse of educational evaluation.

At its core, the objective of this book is threefold: to illuminate, to inform, and to empower. By delving into the subtleties of the HE Higher Education Ranking, we strive to expose the opaque corners of an evaluation system that frequently remains perplexing to many. As the curtains are peeled back, readers will obtain a comprehensive understanding of the methodology, criteria, and indicators that compose the backbone of this ranking. It is an

invitation to demystify the numerical representations and dig into the complicated fabric of factors that define the standing of academic institutions on a global basis.

Furthermore, the book strives to act as an informative reservoir for a varied audience. Whether you are an academic professional, an institutional leader, a student pondering future educational efforts, or an inquisitive observer of higher education trends, this book attempts to present insights that transcend disciplinary boundaries. It is a resource designed to fulfill the intellectual curiosity of people seeking a deeper grasp of the complexities surrounding higher education rankings, notably within the framework of the HE Higher Education Ranking.

As we peel the layers of the HE Higher Education Ranking, the book concurrently strives to empower its readers. Knowledge, when utilized carefully, becomes a potent tool for transformational action. Armed with a profound comprehension of the ranking's intricacies, institutions can strategically position themselves for improvement, students can make informed decisions aligned with their academic aspirations, and policymakers can leverage insights to shape educational policies that resonate with the needs of a rapidly evolving society.

The scope of this book extends beyond a mere exposition of statistics; it strives to engage with the subtleties and arguments surrounding higher education rankings. By diving into the historical evolution of these evaluations and evaluating their influence on institutions, it provides a contextual framework for understanding the HE Higher Education Ranking's place in the broader narrative of worldwide academic assessment. The exploration involves not just the "what" of the ranking but, significantly, the "why" and "how"—unraveling the motives behind criteria selection, the rationale for specific indicators, and the methodology applied in the evaluation process.

The book takes a global perspective, acknowledging that the landscape of higher education is diverse and dynamic. It sheds light on the HE Higher Education Ranking's consequences for institutions worldwide, reflecting the interrelated nature of academic communities. It is a testimonial to the universality of the drive for educational quality and the pursuit of approaches that authentically reflect the complex nature of contemporary higher education institutions.

## 1.2 Background of HE Higher Education Ranking

To appreciate the core of the HE Higher Education Ranking and its resultant impact on the educational panorama, it is important to embark on a historical trip that explores the roots, motivations, and growth trajectory of this formidable ranking system. Established in the year 2022, the HE Higher Education Ranking is a relatively recent yet crucial addition to the ever-expanding world of global academic examinations. The debut edition, a major milestone in the area of higher education evaluations, saw the light of day in April 2023, marking the formal commencement of its goal to communicate a comprehensive story of institutional excellence.

The genesis of the HE Higher Education Ranking may be traced back to an awareness of the growing requirements and difficulties within the current higher education ecosystem. As the worldwide academic community weathered a paradigm change, marked by the merger of technology, globalization, and varied learning modalities, there emerged a demand for a ranking system that transcended traditional measurements. It was against this backdrop that the developers of the HE Higher Education Ranking created a framework that tried to reflect the multidimensional nature of academic institutions, emphasizing the numerous contributions that universities contribute to the educational fabric.

The decision to develop the HE Higher Education Ranking in 2022 was built in a commitment to address an identified gap in the present array of ranking systems. While numerous approaches existed, there was a tangible need for an assessment tool that comprehensively captured the spirit of academic accomplishment. The designers of the HE Higher Education Ranking envisioned a system that went beyond basic numerical placements, one that provided a comprehensive knowledge of the many components that contribute to the vibrancy and efficacy of educational institutions.

The painstaking preparation and production that preceded the release of the first edition in April 2023 underlined a dedication to transparency, methodological rigor, and a desire to contribute significantly to the global discourse on higher education. The launch of the debut edition marked a culmination of significant study, data analysis, and stakeholder discussions. It was a proclamation of intent—an appeal to the worldwide academic community to engage with a ranking system that aspired not merely to analyze but also to inspire, guide, and accelerate good change within institutions. The period of the HE Higher Education Ranking's

creation fits with an era characterized by significant challenges and opportunities in higher education. The globe was amid dramatic technology developments, shifting demographics, and a renewed emphasis on inclusivity and diversity. Recognizing the necessity for a rating system that mirrored these trends, the HE Higher Education rating arose as a timely and responsive endeavor, contributing to the ongoing story of educational evolution.

As we explore more into the HE Higher Education Ranking in future chapters, this historical backdrop provides a basis for comprehending the motivations, ideals, and objectives that underlie its existence. It is a narrative that transcends beyond chronological events, capturing the spirit of creativity, adaptation, and foresight that has driven this ranking system to the forefront of worldwide educational assessments.

### 1.3 Overview of the Ranking's Objectives

The HE Higher Education Ranking, a thorough and precisely developed assessment tool, serves as a beacon in the broad universe of higher education evaluations. Beyond its apparent role of assigning numerical values and rankings to universities, this ranking system is infused with a rich fabric of objectives that stretch into the very fabric of worldwide academia. These aims, dynamic and purposeful, jointly define the story of the HE Higher Education Ranking, driving institutions, stakeholders, and the larger educational community toward ongoing enhancement and excellence.

At the center of its multifarious objectives is the dedication to transcending traditional measurements and giving a comprehensive view of institutional greatness. In an era where the reach of higher education extends far beyond the classroom, the HE Higher Education Ranking recognizes the interplay of elements contributing to an institution's overall impact. The ranking methodology strives to give a comprehensive view, understanding that academic prowess, research output, student participation, infrastructure, and numerous other variables collectively define the character of a really excellent educational institution. A core objective of the HE Higher Education Ranking is to promote revolutionary change among institutions. By methodically articulating criteria and indicators, the ranking provides a promoter for introspection, motivating universities to go on a road of constant self-assessment and growth. It develops a culture where institutional leaders, instructors, and stakeholders actively interact

with the complexities of their academic ecosystem, promoting breakthroughs that resonate with the shifting demands of students and the larger community.

In the sphere of decision-making, the ranking system emerges as a crucial compass for prospective students, scholars, and legislators. Recognizing the worldwide character of education, the HE Higher Education Ranking attempts to give credible and comprehensive information. For students, it acts as a trusted guide for navigating the various educational landscape, enabling them to make educated decisions associated with their ambitions. Simultaneously, academics and politicians find in the ranking system a rich source of insights into global educational trends, assisting decisions relating to collaborations, funding allocations, and strategic initiatives.

A fundamental purpose rests in the promotion of healthy rivalry among institutions. Acknowledging that competition, when treated intelligently, can be a driving factor for success, the HE Higher Education Ranking sees itself as a promoter for healthy rivalry. It encourages institutions to establish ambitious goals, strive for continual development, and contribute meaningfully to the broader academic community without falling into the traps of a hyper-competitive climate that could compromise the essential ideals of education.

Furthermore, the ranking system plays a key role in the internationalization of education. In an era where knowledge crosses borders, the HE Higher Education Ranking offers institutions a platform to exhibit their global prominence. This not only aids in attracting international talent and fostering a diverse academic environment but also adds to the worldwide discourse on educational standards, best practices, and innovation. The objectives of the HE Higher Education Ranking extend much beyond the surface of a basic ranking system. It is a dynamic and transformative force, moving institutions toward excellence, directing stakeholders in decision-making processes, and contributing substantively to the worldwide discussion on the present and future of higher education. As we engage in a detailed investigation of this rating, we will uncover the layers that give depth and meaning to its objectives, acknowledging its deep importance in defining the landscape of higher education evaluation and progression.

## II. The Need for a Comprehensive and Holistic Ranking Approach

In delving into the complexities of higher education assessments, the imperativeness of having a sophisticated and all-encompassing strategy for evaluating universities becomes increasingly clear. This section strives to clarify the fundamental rationale behind the construction of the HE Higher Education Ranking, highlighting the vital role performed by a technique that surpasses the constraints of conventional measures. The purpose is not only to shed light on the nuances inherent in the educational landscape but also to underline the urgent need for a ranking system that accurately captures the multi-dimensional contributions of academic institutions.

To appreciate the need for a complete ranking approach, it is vital to engage in a historical examination of ranking systems in higher education. Traditional metrics were previously inclined towards a myopic perspective, typically favoring research productivity or academic reputation the neglecting other equally significant factors. As the global educational panorama witnessed transformational upheavals, the knowledge dawned that institutions play multiple responsibilities beyond research, embracing features such as student involvement, diversity promotion, and social contribution. The HE Higher Education Ranking develops as a purposeful response—an awareness that a broader perspective is needed to truly reflect the different purposes of contemporary higher education institutions.

The constraints entrenched in earlier ranking techniques loom heavily in the collective consciousness of the academic community. The myopia of narrow criteria not only fails to reflect the whole spectrum of institutional contributions but might unwittingly reward behaviors that favor specific measures above the holistic goals of education. The compelling need for a comprehensive and holistic ranking strategy is highlighted by a common desire to overcome these limits, realizing that academic brilliance is a complex interplay of countless aspects contributing to a lively and effective educational environment. The HE Higher Education Ranking, standing at the forefront of a new age in educational evaluations, differentiates itself by adopting a comprehensive and holistic approach. A varied mix of criteria spanning academic achievement, research impact, student participation, infrastructure, and more form the backbone of this rating system. It strives to provide not just a one-dimensional snapshot but a panoramic view of institutional performance, realizing that a genuinely

exceptional organization thrives across a spectrum of dimensions, each significant in its own right.

This holistic ranking system matches smoothly with the growing demands of students, employers, and society at large. Modern education is no longer confined to the walls of classrooms; it is supposed to develop critical thinking, societal participation, and cultural knowledge. The HE Higher Education Ranking responds adeptly to these growing expectations by adding criteria that represent the different demands of students and the broader society. In doing so, it doesn't only evaluate institutions but actively contributes to building a narrative of educational quality that resonates with the diverse demands of the current world. A holistic ranking system assumes a vital role in supporting institutional transformation. Recognizing that a solitary concentration on a few criteria may not always produce overall excellence, the strategy of the HE Higher Education Ranking encourages institutions to engage in continual self-assessment across several dimensions. This focus on improvement connects effortlessly with the idea of a dynamic and ever-changing higher education landscape, positioning institutions to adapt and thrive in the face of evolving educational paradigms.

The requirement for a complete and holistic ranking methodology is a response to the developing nature of higher education. The HE Higher Education Ranking, by persistently embracing this approach, intends not only to rate universities but to set a new standard—one that contributes significantly to a broader conversation about the purpose and impact of higher education in a complex and interconnected world. As we go across this vast exploration, we unravel layers of thinking and intention that underpin the appeal for a more inclusive and complete approach to evaluating institutions of higher learning.

## 2.1 Evolution of Ranking Approaches in Higher Education

The dynamic and growth of ranking techniques in higher education unfolds as a gripping saga that spans from the mid-20th century to the contemporary scene, encompassing the changing tides, goals, and obstacles encountered by academic institutions. This in-depth analysis of the historical trajectory is crucial to comprehending the imperatives driving the formation of a current, complete, and holistic ranking system, embodied by the HE Higher Education Ranking. The early attempts at evaluating higher education institutions in the mid-20th century were essentially endeavors to create order in the constantly growing landscape of academia. Rooted

in basic measurements such as academic reputation and research output, these original initiatives, while pioneering, lacked the standardization and consistency essential to reflect the multi-dimensional facets of educational achievement.

As the latter part of the 20th century unfolded, a plethora of ranking systems ensued. While these initiatives led to a more organized examination of institutions, they were typically constrained by regional or disciplinary limits. These rankings, however helpful within certain contexts, failed to provide a broad global perspective, restricting the comprehension of the different roles played by institutions on the world stage. The advent of the 21st century saw a fundamental shift in higher education rankings. Technological innovations and the increasing interconnection of the worldwide academic community spurred a reassessment of evaluation paradigms. Recognizing the limits of prior models, rankings evolved to combine multiple factors, emphasizing the multidimensional nature of academic institutions. However, issues continued as uniformity remained hard, and criteria typically represented a restricted view of excellence, disproportionately weighted toward research measures.

In this ever-evolving world, the HE Higher Education Ranking emerges as a conscious and timely reaction to the limits of earlier methodologies. Established in 2022, this rating system represents a contemporary leap forward, aligning with an era defined by heightened awareness of the inadequacies of old criteria. Its emergence in the early 21st century represents an awareness of the requirement to transcend restrictive and one-dimensional assessments, realizing that academic success covers a range of aspects. Learning from the historical constraints of assessments that largely focused on research output or reputation, the HE Higher Education Ranking takes a holistic and complete approach. It symbolizes a shift from the myopic measures of the past, understanding that academic greatness is a multidimensional idea that stretches beyond traditional markers.

Tracing this growth provides important insights into the historical setting that paved the way for the HE Higher Education Ranking. It is a path distinguished by a continuous drive for development, transparency, and a genuine depiction of the diverse and considerable contributions that universities offer to society. The HE Higher Education Ranking, firmly rooted in this evolutionary narrative, emerges not just as an assessment tool but as a transformative force—a beacon of innovation poised not only to evaluate institutions but to redefine the



discourse surrounding the purpose and impact of higher education in the 21st century. As we navigate this expansive investigation, the evolution of ranking techniques reveals itself as a fabric woven with the threads of progress, problems, and a collaborative resolve within the academic community to advance toward a more meaningful and reflective assessment tool. The HE Higher Education Ranking, positioned at the forefront of this evolutionary journey, reflects the culmination of decades of introspection, adaptation, and a visionary search for a more comprehensive knowledge of institutional excellence in the current educational context.

## 2.2 Advantages of a Comprehensive and Holistic Approach

The transition from a conventional, narrowly-focused ranking methodology to a comprehensive and holistic approach, as demonstrated by the HE Higher Education Ranking, is not only a pragmatic evolution; it marks a paradigm shift in the assessment of higher education institutions. This section dives into the various advantages that come from accepting a broader lens, emphasizing the complex contributions of academic institutions beyond traditional measurements.

One of the key advantages of taking a comprehensive and holistic approach is the achievement of a knowledge of academic accomplishment. The traditional concentration on singular criteria, frequently revolving around research output or reputation, tends to oversimplify the broad nature of higher education. In contrast, a holistic approach, as advocated by the HE Higher Education Ranking, emphasizes that greatness in academics spans beyond a solitary component. By considering a varied collection of factors, including teacher quality, student involvement, societal effect, and infrastructure, a more comprehensive representation of academic greatness emerges.

Universities, with their different functions as centers of research, instruction, and public engagement, contribute in broad ways to the worldwide academic environment. A thorough and holistic ranking approach respects and supports this mission variety. The HE Higher Education Ranking, by incorporating a broad spectrum of criteria, reflects the realization that colleges have diverse missions and aims. This inclusivity generates an environment where institutions are recognized and appreciated for their distinct contributions, promoting a more inclusive and representative evaluation that goes beyond a one-size-fits-all approach.

A holistic ranking strategy, such as that adopted by the HE Higher Education Ranking, serves as a promoter for supporting educational innovation. By analyzing criteria linked to teaching approaches, student participation, and technology infrastructure, this strategy pushes institutions to innovate in their educational practices. Recognizing that academic excellence is not confined to traditional parameters but thrives in an environment that promotes creativity and adaptability, the HE Higher Education Ranking becomes a driving force for positive change, pushing institutions to continually enhance and innovate their educational offerings. For students, educators, politicians, and other stakeholders invested in the field of higher education, a complete and holistic ranking system gives a plethora of information for informed decision-making. The HE Higher Education Ranking, by incorporating numerous criteria, acts as a significant resource for anyone looking to understand the strengths and areas of focus of different institutions. This plethora of information supports prospective students in making educated decisions associated with their academic and personal goals, while also providing significant insights for institutional leaders and legislators in influencing educational policies and strategies.

In an era marked by globalization and interconnection, a ranking system's global relevance is crucial. A comprehensive and holistic approach, as demonstrated in the HE Higher Education Ranking, displays an appreciation of the linked nature of higher education institutions on a global scale. By examining universally relevant characteristics, such as international collaboration, cultural diversity, and societal effect, this approach assures that the ranking is inclusive and usable across varied cultural, geographical, and educational contexts. Perhaps one of the most significant advantages of a comprehensive and holistic strategy is its capacity to foster institutional improvement. The HE Higher Education Ranking, by measuring universities across a range of parameters, supports a culture of constant self-assessment and improvement. Institutions are urged not merely to achieve particular standards but to excel in other facets of academic life. This focus on improvement corresponds with the dynamic and evolving nature of higher education, fostering institutions that are not merely static entities but adaptive and sensitive to the changing demands of students and society.

The advantages of implementing a thorough and holistic approach, as evidenced in the HE Higher Education Ranking, extend far beyond numerical placements. It represents a radical

movement towards acknowledging and honoring the different responsibilities and contributions of higher education institutions. By fostering an understanding of excellence, encouraging mission diversity, fostering educational innovation, aiding informed decision-making, ensuring global relevance and inclusivity, and driving institutional improvement, this approach represents a holistic vision for the future of higher education assessments. It becomes not simply a tool for ranking but a promoter for good change, crafting a narrative where institutions are valued for their particular strengths and combined contributions to the global educational environment.

### III. Importance of Joining a Comprehensive Ranking Approach for Universities

In navigating the complicated areas of higher education, the active participation of universities in a complete ranking system appears as not only a strategic decision but a revolutionary requirement. The holistic evaluation given by systems such as the HE Higher Education Ranking surpasses conventional measures, ushering institutions into a domain where the breadth and depth of their contributions to academics and society are honestly presented. This section dives into the broad importance, subtle ramifications, and substantial advantages that institutions stand to acquire by fully accepting and participating in a ranking system that propounds a comprehensive and discriminating assessment of academic quality. At the root of this paradigm shift lies the huge benefit of improved visibility and a global reputation for participating universities. The HE Higher Education Ranking, by weaving together a varied array of factors that expand beyond the limitations of traditional research measurements, offers universities a unique platform to elevate their reputation in the global arena. In a world where worldwide partnerships and the attraction of global talent are vital, active engagement with such a thorough ranking system becomes a strategic move, establishing universities as prominent hubs of knowledge and forging connections across boundaries.

Beyond the strategic orientation, the complete approach stands as a monument to the acknowledgment and celebration of the intrinsic variety among universities. These organizations, each with its particular goal, ethos, and societal contributions, are provided an excellent opportunity to express and demonstrate their unique assets. The HE Higher Education Ranking becomes a dynamic canvas on which universities paint a nuanced portrait of how their individual missions align with and contribute to broader educational objectives, fostering a deeper understanding of the broad roles they play in addressing the complex challenges of the contemporary world. For leaders driving the course of higher education institutions, the interaction with a complete ranking methodology reveals a multidimensional strategic tool. The HE Higher Education Ranking, with its holistic evaluation approach, surpasses the sheer pursuit of numerical ranks. It becomes a compass for informed decision-making, delivering executives insights about institutional strengths and areas that demand development. This data-driven approach helps institutions map strategic goals consistent with their distinctive mission, prudently manage resources, and proactively respond to the dynamic demands of students and society.

The convergence of a thorough ranking system with the quality of education and the overall student experience is crucial. The HE Higher Education Ranking, by examining a spectrum of criteria covering teaching quality, student engagement, and infrastructural provisions, motivates universities to analyze and strengthen elements directly influencing the student journey. Active engagement in such a ranking system encourages a culture of innovation in teaching, investments in cutting-edge facilities, and prioritization of student well-being, thereby leading to an enriched and transforming educational experience. Crucially, a comprehensive ranking system propels colleges into constant improvement and innovation. It becomes a dynamic process, much beyond a static review, supporting a culture where institutions strive for excellence and adaptation. The HE Higher Education Ranking's criteria expand beyond standard benchmarks, encouraging universities to innovate in fields such as research impact, societal engagement, and inclusivity. This dedication to constant development positions universities as dynamic entities, ever-responsive to changing educational paradigms, and ready to lead in an era of altering academic landscapes.

Moreover, involvement in a comprehensive rating system resonates with the different expectations of stakeholders composing the university environment. From students and faculty to alumni, policymakers, and the larger society, colleges actively involved in the HE Higher Education Ranking demonstrate transparency and responsibility. The complete assessment presented goes beyond traditional measurements, delivering stakeholders a transparent view of institutional performance, and encouraging trust and confidence in the university's commitment to excellence. The requirement for universities to join a comprehensive ranking approach, epitomized by the HE Higher Education Ranking, stretches far beyond a strategic choice—it encapsulates a transformative journey fundamental to institutional strategy, visibility, and mission alignment. Through active participation, universities not only boost their global recognition and inform strategic decision-making but also contribute substantively to the quality of education, develop a culture of continuous improvement, and meet the different expectations of stakeholders. In an era where the dynamics of higher education evolve at an unprecedented pace, engagement with a comprehensive ranking system is not just an option; it is a strategic imperative for universities aspiring not only to excel but also to make a lasting impact on the ever-evolving global academic landscape.

### 3.1 Enhancing Institutional Visibility and Reputation

In the complicated mosaic of higher education, the pursuit of greatness extends beyond the bounds of lecture rooms and research laboratories. It covers the areas of worldwide recognition and institutional reputation, making active participation in comprehensive rating systems a vital approach for colleges. At the forefront of the advantages lies the essential role that a thorough ranking strategy plays in elevating institutional awareness. In an era distinguished by interconnection and the global transmission of knowledge, colleges vie for importance not only within their physical bounds but on a genuinely global scale. The HE Higher Education Ranking, with its comprehensive evaluation criteria, transcends traditional measures, allowing institutions a dynamic platform to demonstrate their various contributions. Through a holistic lens that extends beyond simply research output, institutions actively participating in such ranking systems receive prominence for their commitment to various educational missions, societal impact, and global engagement. Global recognition, closely related to visibility, serves as a cornerstone for universities looking to attract foreign talent, create collaborations, and contribute significantly to the global academic conversation. Participation in comprehensive rating systems becomes a strategic step for institutions trying to navigate the convoluted network of international partnerships, research collaborations, and student exchange programs. The HE Higher Education Ranking, by acknowledging and appreciating different contributions beyond standard measurements, establishes universities as hubs of knowledge and innovation, thereby drawing attention and respect from academic communities and stakeholders globally.

The interplay between institutional visibility and reputation evolves as a symbiotic connection, where one encourages the other. A solid reputation is not based merely on research prowess; it extends to cover a university's dedication to comprehensive education, societal influence, and innovation. The HE Higher Education Ranking, with its comprehensive rating criteria, corresponds with the present concept that institutional reputation is a composite reflection of many contributions. Universities actively participating in such ranking systems find themselves positioned as universities that not only succeed in traditional academic measures but also contribute substantively to societal growth, thereby enhancing their reputation on a global scale. An enhanced institutional reputation creates options for attracting top-tier staff, researchers, and students. As individuals across the globe seek institutions matched with their academic and research ambitions, the HE Higher Education

Ranking becomes an important reference point. The complete evaluation criteria give prospective professors and students a holistic perspective, displaying the university's dedication to excellence in teaching, research, and societal engagement. Active involvement in such rating systems presents universities as desirable places for talent, promoting a diverse and dynamic academic community.

### 3.2 Impact on Student Recruitment and Retention

In academia, where colleges strive to attract and keep the sharpest minds, the function of comprehensive ranking systems takes center stage. At the heart of the influence lies the critical role that a university's ranking plays in molding the decisions of prospective students. In a day where information is at the fingertips of ambitious academics, the HE Higher Education Ranking becomes a beacon, delivering a comprehensive view beyond standard measures. The evaluation criteria, spanning teaching quality, student participation, and infrastructure, provide prospective students with insights into the holistic educational environment they can expect. Active involvement in such a rating system promotes universities as institutions committed not only to academic excellence but also to establishing a lively and supportive learning atmosphere.

The global mobility of students has become a defining aspect of contemporary higher education. In this environment, a university's place in a comprehensive rating system becomes a significant element for international students selecting institutions aligned with their academic and cultural objectives. The HE Higher Education Ranking, by examining characteristics such as international collaboration and cultural diversity, identifies participating universities as global centers that welcome diversity, promoting an environment favorable to cross-cultural study and collaboration. This global perspective becomes a big lure for international students, contributing to the rich fabric of cultural diversity within university campuses. The influence extends beyond enticing students; it resonates in the world of student retention. The complete evaluation criteria, including teaching quality and student participation, indicate an institution's dedication to offering an enriched educational experience. For existing students, knowing that they are part of a university recognized for its dedication to holistic education and student well-being generates a sense of pride and belonging. Active participation in ranking systems like the HE Higher Education Ranking

becomes a vital component of a university's strategy to not only attract but also retain students by consistently boosting the whole student experience.

A positive ranking in comprehensive systems becomes a valuable marketing tool for institutions. It stands as a tribute to the institution's commitment to excellence, innovation, and a student-centric approach. Actively engaging in such rating systems helps institutions to display their strengths, not only in terms of research production but also in cultivating an atmosphere where students succeed intellectually, socially, and personally. This marketing advantage becomes a valuable commodity in a competitive context, where institutions battle for attention and recognition in the congested higher education marketplace. The impact on student recruitment and retention, therefore, extends beyond basic statistics; it is a narrative that universities actively build through their participation in comprehensive ranking systems. The HE Higher Education Ranking, with its numerous evaluation criteria, promotes member universities as dynamic centers of learning that prioritize the holistic development of their students. This narrative becomes a fascinating story for both prospective and present students, shaping their choices and experiences inside the university.

### 3.3 Influence on Funding and Partnerships

In the delicate ecosystem of higher education, where institutional achievement is entwined with financial sustainability and collaborative networks, the power of comprehensive ranking systems takes on a transforming function. A major effect of active engagement in comprehensive ranking systems is the influence it exerts on acquiring funds. In an era where financial sustainability is a cornerstone of institutional growth and development, the HE Higher Education Ranking becomes a valuable tool for universities to establish their credentials as receivers of financial support. By embracing different factors, including research impact, societal engagement, and teaching excellence, the ranking provides potential funders with a thorough picture of an institution's broad contributions. This comprehensive vision portrays universities as strategic assets, not just in terms of research output but as dynamic enterprises committed to holistic education and societal growth. A positive placement in comprehensive rankings offers a compelling narrative for charity endeavors. Donors, whether individuals or organizations, seek to invest in institutions that agree with their values and interests. The HE Higher Education Ranking, with its comprehensive evaluation criteria, offers member colleges a platform to display their dedication to societal impact, inclusivity, and innovation. Actively



partaking in such ranking systems becomes a strategic move for colleges seeking philanthropic backing, as it frames them as agents of constructive change with a holistic vision for education and society development.

In the global panorama of higher education, the significance of rankings in attracting foreign partnerships cannot be emphasized. Universities actively engaging in comprehensive ranking systems, such as the HE Higher Education Ranking, indicate their dedication not only to academic achievement but also to global participation. International institutions, research centers, and industry partners seek collaborative partnerships with universities that exemplify a diversified and innovative approach to education and research. The ranking becomes a light, pointing potential partners toward institutions that transcend traditional measures and embrace a holistic vision for collaborative initiatives. Active participation in comprehensive ranking systems becomes a stimulus for developing strategic connections with industry partners. As industries increasingly seek research and innovation collaborators, colleges positioned at the forefront of comprehensive rankings become desirable collaborators. The criteria embraced by the HE Higher Education Ranking, including research impact and innovation, communicate to companies that participating universities are not only academically solid but are also at the forefront of cutting-edge research and technical breakthroughs. This positions universities as important partners for industry eager to tap into the richness of knowledge and innovation existing within academic institutions. The influence on funding and relationships, therefore, extends beyond a mere numerical ranking; it becomes a strategic story that universities weave to attract investments and build collaborations. The HE Higher Education Ranking, with its comprehensive criteria, positions participating institutions as dynamic entities that go beyond traditional academic measures, signaling to potential funders and partners that they are strategic investments aligned with the evolving needs of academia and society.

### **3.4 Elevating Institutional Visibility and Global Recognition**

At the center of this impact is the essential role that comprehensive ranking systems play in shaping the narrative of institutional visibility. In an era distinguished by information availability and global connection, colleges find themselves in a perpetual chase of recognition that reaches beyond regional boundaries. The HE Higher Education Ranking, with its evaluation criteria, provides a dynamic platform for institutions to give a diverse image of their

contributions to academics and society. Through this holistic lens, which goes beyond traditional measures, institutions actively participating in such rating systems receive recognition for their commitment to different educational missions, societal impact, and global participation. A positive status in comprehensive rankings becomes a valuable instrument for attracting foreign talent. In an era where the global mobility of academics and researchers is a defining attribute of academic success, the HE Higher Education Ranking becomes a vital reference point for individuals seeking universities aligned with their academic and research objectives. Active engagement in such ranking systems helps colleges to exhibit their commitment not only to traditional academic measures but also to fostering a lively and globally inclusive intellectual community.

The influence extends beyond enticing individuals; it resonates in the area of international partnerships and cooperation. The complete evaluation criteria, including international collaboration and cultural diversity, indicate an institution's commitment to global participation. Universities actively participating in such rating systems become desirable partners for worldwide institutions seeking partnerships in research, innovation, and instructional activities. This global perspective becomes a big lure for organizations seeking collaborative projects that transcend regional boundaries. The favorable influence on institutional exposure becomes a promoter for attracting global conferences, symposiums, and academic activities. The reputation earned via active participation in comprehensive ranking systems positions universities as attractive hosts for international conferences. The HE Higher Education Ranking, by considering criteria such as research impact and innovation, signals to the global academic community that participating institutions are not only academically sound but are also at the forefront of cutting-edge research and contributions to their respective fields.

### **3.5 Reflecting Institutional Diversity and Mission Alignment**

In the kaleidoscope arena of higher education, institutions are not homogeneous entities but active ecosystems bursting with diversity, each with a specific mission and contribution to the greater educational environment. The HE Higher Education Ranking, through its thorough evaluation criteria, becomes a dynamic canvas on which universities can genuinely portray and celebrate their particular features. By going beyond typical parameters, the ranking allows member universities a platform to exhibit their particular strengths, whether they reside in

creative teaching approaches, significant community participation, or revolutionary research with social repercussions. Active engagement in comprehensive ranking systems becomes a valuable instrument for universities to express and stress their mission connection with broader educational aims. The HE Higher Education Ranking, by covering factors that transcend beyond research productivity, helps universities to express how their goal matches contemporary educational demands and societal objectives. This broad perspective becomes vital in refuting the misconception that institutional success can be only judged by traditional academic metrics. Universities participating in such ranking systems promote themselves as institutions with a purpose, contributing meaningfully to the greater educational environment.

The impact extends beyond a numerical standing; it resonates in the arena of attracting students who align with the institution's ethos and values. Prospective students, armed with ample information, seek institutions where they not only obtain exceptional education but also find a community that corresponds with their personal and academic objectives. The HE Higher Education Ranking, by embracing and appreciating diversity, becomes a lighthouse for students seeking institutions that welcome differences and provide an inclusive and enriching academic environment. In the worldwide landscape of higher education, institutions actively participating in comprehensive ranking systems indicate their dedication not only to academic success but also to delivering a varied and inclusive educational experience. The favorable influence on reflecting institutional diversity becomes a motivator for attracting a diverse student body, teachers, and researchers. The HE Higher Education Ranking, with its criteria incorporating diversity and inclusion, presents participating universities as hubs that integrate individuals from all backgrounds, producing a vibrant and dynamic academic community.

The acknowledgment of institutional diversity becomes a driving force in forging strategic alliances and collaborations. Institutions, recognized for their dedication to diversity, become appealing partners for joint projects that transcend geographical and disciplinary borders. The HE Higher Education Ranking, by evaluating criteria such as international collaboration and cultural diversity, presents participating universities as institutions that appreciate and celebrate collaboration with various partners, further enhancing the global academic environment. Beyond being a numerical indicator, these rankings become strategic assets that universities strategically utilize to showcase their unique strengths, articulate their mission

alignment, attract a diverse academic community, and position themselves as institutions contributing meaningfully to the broader fabric of global education. As higher education continues to evolve in a world that celebrates diversity and inclusion, the significance of comprehensive ranking systems becomes not just a strategic need but a crucial influence in determining the ethos and character of academic institutions worldwide.

### 3.6 Informing Strategic Decision-Making and Resource Allocation

In the convoluted terrain of higher education, where institutions manage a complex interplay of academic, financial, and societal variables, the importance of comprehensive ranking systems becomes crucial. At the foundation of this impact is the transformative role that comprehensive ranking systems play in giving institutions important information about their strengths and areas for progress. The HE Higher Education Ranking, through its holistic evaluation criteria, surpasses traditional measures and offers member colleges a nuanced view of their various contributions. By going beyond research production to evaluate variables such as teaching quality, student involvement, and societal effect, the ranking provides a comprehensive diagnostic tool for institutions to analyze their overall performance across multiple domains.

The information gathered from comprehensive rankings becomes a strategic tool in determining institutional strategy. The HE Higher Education Ranking, by digging into numerous criteria, provides a compass for universities trying to reconcile their goal with contemporary educational needs and societal aspirations. Active participation in such rating systems depicts universities as institutions with a purpose, capable of not just responding to shifting educational paradigms but also proactively creating them. The insights generated from these rankings become guiding principles for establishing strategic plans that increase institutional excellence and contribute effectively to the greater educational landscape. The influence of thorough rankings extends far beyond numerical standings. The HE Higher Education Ranking, by evaluating universities across a spectrum of criteria, provides an essential instrument for universities to prudently deploy resources. The insights generated from the rankings enable institutional leaders to identify areas of strength that justify additional investment and areas that require targeted improvements. This data-driven strategy helps universities to allocate financial, human, and infrastructural resources effectively, ensuring that investments correspond with institutional strengths and contribute to overall excellence. The HE Higher

Education Ranking, by offering a holistic assessment of institutional performance, pushes universities to consistently innovate in areas such as research impact, teaching approaches, and societal engagement. Participating in such ranking systems becomes a commitment to quality and adaptability, establishing institutions as dynamic entities that respond proactively to the changing landscape of higher education. The impact on strategic decision-making and resource allocation, therefore, extends beyond a static appraisal; it becomes a dynamic process that positions universities at the vanguard of informed, adaptive, and visionary leadership. The HE Higher Education Ranking, with its complete criteria, becomes a strategic partner for universities, aiding them not only in negotiating the complexity of academia but also in contributing significantly to societal advancement.

### 3.7 Enhancing the Quality of Education and Student Experience

In the evolving world of higher education, the quest for greatness extends beyond institutional plaudits to the very heart of academia—the quality of education and the whole student experience. At the root of this impact is the essential role that comprehensive ranking systems play in defining the educational environment within universities. The HE Higher Education Ranking, with its numerous criteria spanning teaching quality, student participation, and infrastructure, becomes a stimulus for institutions to analyze and raise the level of education they deliver. By going beyond traditional measures to incorporate variables that directly effect the student journey, the ranking becomes a dynamic tool for institutions to analyze and strengthen their pedagogical techniques, producing an enhanced and transforming educational experience.

The influence extends beyond institutional development; it resonates in the field of attracting top-tier faculty and building an environment conducive to cutting-edge research and teaching. Faculty members, drawn to universities recognized for their commitment to teaching excellence, contribute greatly to the overall quality of education. The HE Higher Education Ranking, by including teaching quality as a primary criterion, presents participating universities as universities that respect and engage in pedagogical innovation, attracting educators committed to providing a dynamic and impactful learning experience. In the global talent competition, the impact on the student experience becomes a vital aspect in attracting and maintaining the sharpest brains. The HE Higher Education Ranking, by covering criteria such as student engagement and infrastructure, presents member universities as universities

committed not only to academic quality but also to establishing a lively and supportive learning ecology. Prospective students, armed with ample information, seek institutions where they can not only obtain quality education but also immerse themselves in an environment that stimulates personal growth, critical thinking, and holistic development.

Active engagement in comprehensive ranking systems becomes a strategic asset for institutions to exhibit their commitment to student development beyond academic excellence. The HE Higher Education Ranking, by examining characteristics that reflect the total student experience, motivates universities to engage in support services, extracurricular activities, and a campus culture that nurtures individual growth. This dedication to the overall development of students places participating universities as leaders in offering an enriching student experience that extends beyond the limitations of lecture rooms. The favorable impact on the quality of education and student experience becomes a powerful story for marketing and attracting a diverse student body. The HE Higher Education Ranking, by honoring universities for their commitment to varied educational missions, becomes a lighthouse for students seeking not only academic rigor but also an inclusive and enjoyable educational journey. This story plays a crucial role in molding the choices of prospective students and contributing to the diverse and lively academic communities within participating institutions.

### **3.8 Promoting a Culture of Continuous Improvement and Innovation**

In the dynamic world of higher education, the pursuit of excellence is an evolving path distinguished by innovation, adaptation, and a dedication to continual improvement. At the crux of this impact is the transforming function that comprehensive ranking systems play in driving institutions toward a philosophy of constant improvement. The HE Higher Education Ranking, with its diverse and dynamic criteria, provides a driving force for universities to examine their performance comprehensively. Going beyond traditional measures, the ranking challenges institutions to analyze various dimensions of their operations, from research impact and teaching excellence to societal participation and inclusion. This complete view creates a roadmap for a culture that fosters self-reflection, feedback, and a commitment to increasing standards of excellence.

The impact extends beyond the institutional level to shape the thinking of academics, researchers, and students. Faculty members, drawn to universities recognized for their

dedication to innovation and continual improvement, become ambassadors of change within academic communities. The HE Higher Education Ranking, by considering criteria that reflect a commitment to cutting-edge research and impactful teaching, positions participating universities as hubs of innovation, attracting educators who are not only adept at adapting to change but are actively engaged in shaping the future of their fields. In the sphere of research and scholarly activities, the impact of building a culture of innovation becomes a defining trait of institutions actively participating in comprehensive ranking systems. The HE Higher Education Ranking, with its criteria comprising research impact and innovation, puts universities as leaders in pushing the boundaries of knowledge. This recognition becomes a driver for attracting researchers and academics who are not only at the vanguard of their subjects but are also committed to pushing the bounds of conventional thought, driving forward the frontiers of innovation.

The favorable influence on continuous improvement becomes a strategic advantage in influencing institutional strategy and decision-making. The HE Higher Education Ranking, by delivering a thorough evaluation of institutional performance, becomes a compass for informed decision-making. Universities, armed with insights gained from these rankings, are enabled to map strategic plans that align with their distinctive mission, respond to societal needs, and position themselves at the forefront of educational innovation. This data-driven strategy becomes vital to developing a blueprint for the future, ensuring institutions are not just keeping pace with change but are actively driving it. Active involvement in comprehensive ranking systems becomes a tribute to an institution's dedication to not resting on its laurels but actively finding methods to increase its contributions to academics and society. The HE Higher Education Ranking, by rewarding institutions for their commitment to continual growth, depicts participating universities as dynamic entities that live on change, adaptation, and an unshakable dedication to excellence.

### **3.9 Meeting the Expectations of Diverse Stakeholders**

In the complicated fabric of higher education, the success of academic institutions is tightly woven into the expectations of a varied array of stakeholders. At the heart of this influence is the revolutionary role that comprehensive ranking systems play in increasing transparency and accountability. The HE Higher Education Ranking, with its numerous evaluation criteria, provides a platform for institutions to communicate their strengths and areas of expertise to

a broad range of stakeholders. Beyond standard measures, the ranking challenges institutions to exhibit their dedication to teaching quality, research impact, and societal engagement, establishing a transparent atmosphere where stakeholders may assess and appreciate the diverse contributions of the institution. The beneficial impact extends to meeting the expectations of students, who are discriminating customers seeking institutions that correspond with their academic and personal objectives. The HE Higher Education Ranking, by integrating criteria such as teaching quality, student participation, and infrastructure, presents participating universities as universities committed not only to academic rigor but also to offering an engaging and supportive environment for student success. This alignment with student expectations provides a compelling narrative for institutions in a competitive higher education market, where students are empowered to make informed decisions based on a thorough grasp of the institution's capabilities.

In the sphere of teachers and researchers, the impact of meeting expectations becomes a critical issue in attracting and keeping top-tier talent. Faculty members, drawn to institutions recognized for their commitment to research impact and teaching excellence, become vital stakeholders in the academic success of the university. The HE Higher Education Ranking, by considering criteria that reflect the overall academic environment, positions participating universities as institutions that value and prioritize the expectations of faculty, creating an environment conducive to cutting-edge research, impactful teaching, and professional growth. The influence extends to meeting the expectations of administrators, who aim to manage institutions strategically in an ever-evolving educational context. The HE Higher Education Ranking, by presenting a holistic view of institutional performance, provides a significant tool for administrators to examine the institution's strengths and areas for improvement. This data-driven approach becomes important to strategy planning, resource allocation, and decision-making, ensuring that the institution aligns with the expectations of administrators who are at the helm of institutional leadership. In the context of funding agencies and charitable organizations, the positive influence on achieving expectations becomes a vital component in recruiting investments and support. The HE Higher Education Ranking, by recognizing institutions for their commitment to diverse educational missions and societal impact, positions participating universities as strategic investments aligned with the expectations of funding bodies seeking to support initiatives with a broad and positive societal impact. The positive influence extends to meeting the expectations of the broader community,



which frequently looks to academic institutions as drivers of social advancement and cultural enrichment. The HE Higher Education Ranking, by incorporating criteria such as societal engagement and inclusion, portrays participating universities as vital contributors to the greater community. This congruence with community expectations becomes a promoter for building positive interactions, collaborations, and mutually beneficial partnerships that transcend beyond the bounds of the campus.

#### IV. Exclusion of Vocational, Training, and Technical Education Centers

The decision to exclude Vocational, Training, and Technical Education Centers from the scope of the HE Higher Education Ranking represents a sophisticated analysis of the broad educational landscape. This exclusionary posture is not only a question of omission but a strategic choice rooted in the awareness of the particular character and purposes of these educational bodies. To delve into the subtleties of this decision, we begin with a full investigation, investigating the reasoning, ramifications, and potential future considerations related to the deliberate exclusion of vocational and technical education from the vast canvas of higher education rankings. At the outset, it is vital to realize the various components of education. Higher education, as generally regarded, involves universities and institutes offering academic degrees, typically at the undergraduate and postgraduate levels. This paradigm automatically coincides with the HE Higher Education Ranking's criteria, which exhaustively analyzes colleges based on criteria ranging from research output and faculty qualifications to cultural impact and diversity. However, vocational, training and technical education facilities work under a unique paradigm, stressing skill development, practical training, and industrial relevance.

The HE Higher Education Ranking, with its dense web of 138 variables, is fundamentally geared to analyze the broad contributions of traditional higher education institutions. The absence of vocational and technical education centers is not a criticism of their value or relevance but a realization that the metrics and criteria developed for universities may not mesh seamlessly with the objectives and achievements of vocational education. The choice to remove these centers demonstrates a commitment to fairness and relevance in evaluation, staying clear of a one-size-fits-all approach that could potentially distort the diverse educational landscape. Vocational and technical education institutes play a crucial role in reducing the skills gap and cultivating a workforce competent at fulfilling the demands of various industries. These centers are often more tightly associated with practical, hands-on training and industry-specific skills development, promoting a direct relationship between education and employability. Their emphasis on applied learning, apprenticeships, and industrial collaborations diverges from the typical academic objectives of universities, warranting a different grading paradigm.

The exclusionary approach, therefore, safeguards against the imposition of criteria ill-suited to capture the core of vocational and technical education. Attempting to integrate these centers into the conventional ranking criteria could not only overlook their distinctive contributions but also risk decreasing the value they provide to the educational environment. The conscious decision to eliminate them is a testament to the commitment to precision and relevance in the review process. The exclusion corresponds with the greater acknowledgment of the necessity for a varied approach to education. In the contemporary landscape, the emphasis on a well-rounded education extends beyond the conventional bounds of colleges. Vocational and technical education facilities are crucial in creating specific skills that contribute directly to economic development and societal demands. Acknowledging the unique role these centers play develops a more inclusive and comprehensive perspective on education, where different types of learning are recognized, respected, and assessed on their own terms.

The ramifications of this discriminatory mindset reverberate across numerous dimensions. It acknowledges the diversity of educational pathways and reinforces the idea that success in the educational arena is not confined to a specific trajectory. Students seeking vocational and technical education are not secondary to their university colleagues; rather, they are active participants in a greater educational environment. The choice to omit these institutes undermines established hierarchies and supports a more equitable acknowledgment of the varied educational routes individuals pursue. This discriminatory stance demands a debate on the very nature and purpose of higher education rankings. While these rankings are indisputably helpful tools for analyzing and comparing traditional colleges, broadening their criteria to incorporate vocational and technical education can dilute their efficacy. The particular objectives, outcomes, and contributions of vocational education are better measured through a dedicated and designed evaluation methodology that reflects the specialized nature of these institutes.

Looking ahead, the explicit absence of vocational, training, and technical education facilities opens the door for future considerations and adjustments in ranking techniques. As the educational landscape continues to evolve, there may arise a need for parallel ranking systems specifically geared to evaluate vocational and technical education institutes. Creating different but equitable evaluation frameworks will not only highlight the diversity within the educational spectrum but also provide a more accurate depiction of the contributions of these

centers to the broader aims of education and societal development. The absence of Vocational, Training, and Technical Education Centers from the HE Higher Education Ranking is not a dismissal but an acknowledgment of the specific function and purpose of these bodies. It displays a dedication to precision, relevance, and fairness in evaluation, steering clear of a one-size-fits-all approach that could potentially misrepresent the heterogeneous educational landscape. This conscious decision promotes a broader discourse about the nature of educational evaluation, supporting a more inclusive viewpoint that recognizes and celebrates the varied journeys individuals follow in their pursuit of knowledge and skills. As the educational landscape continues to evolve, this exclusionary position establishes the platform for future adjustments in ranking systems, ensuring that evaluation frameworks fit with the distinctive contributions of all elements of education.

#### 4.1 Rationale behind Exclusion

The deliberate removal of Vocational, Training, and Technical Education Centers from the purview of the HE Higher Education Ranking demands a profound study into the underlying reasoning motivating this strategic decision. This comprehensive investigation digs into the numerous elements of education, acknowledging the diverse roles and aims that different educational bodies play within the greater educational ecosystem. The exclusion is not a mere oversight but a purposeful choice rooted in the understanding of the specific characteristics, goals, and contributions of vocational and technical education. As we embark on this extensive examination, we unravel the numerous layers that underlie the deliberate absence of these centers from a rating system suited for traditional colleges. At the heart of this deliberative process is an awareness of the varied educational pathways that individuals pass in their quest for knowledge and skills. The traditional paradigm of higher education, as typified by universities, revolves around academic degrees, research outputs, and a curriculum based on theoretical knowledge. However, Vocational, Training and Technical Education Centers work within a different paradigm, stressing practical, hands-on training, industry-specific skill development, and a more immediate link between education and employability.

The HE Higher Education Ranking, with its extensive fabric of 138 factors, is precisely constructed to highlight the diverse contributions of traditional higher education institutions. The choice to exclude vocational and technical education institutes is not a dismissal of their value but a careful awareness that the measurements and criteria devised for universities may

not seamlessly mesh with the objectives and outcomes of vocational education. This purposeful exclusion tries to avoid a distortion of the diverse educational landscape by steering clear of a uniform evaluation method that might not fairly capture the core of vocational and technical education. Vocational and technical education institutes play a crucial role in addressing the increasing demands of the workforce, focusing on practical skills, applied learning, and industry relevance. Their emphasis on fostering applicable skills diverges from the typical academic objectives of universities, needing a unique grading structure. The decision to omit these centers, therefore, guarantees that the ranking criteria remain specialized to measure the unique contributions of traditional higher education institutions without imposing a generic template ill-suited to capture the essence of vocational education. This deliberate exclusion resonates with the broader understanding of the necessity for a varied approach to education. In a society where skills, both academic and practical, are vital to societal progress, understanding and appreciating the diverse types of learning become fundamental. Vocational and technical education institutes excel in creating graduates with specialized skills directly transferable to certain industries, contributing to economic development and bridging the ever-growing skills gap. The exclusionary approach, therefore, encourages a more inclusive and holistic perspective on education, accepting that many ways of learning are acceptable and useful in their own right.

The repercussions of removing vocational and technical education from the higher education ranking extend beyond a mere absence of data. This intentional absence highlights a greater commitment to fairness, clarity, and relevance in the review process. It challenges the concept that the worth of an educational institution is primarily evaluated by its compatibility with standard academic benchmarks. By acknowledging the numerous roles that vocational and technical education play, the exclusion invites a more nuanced definition of success in the educational arena. It reframes the narrative, emphasizing that vocational education is not secondary but an integral element of the greater educational landscape, contributing considerably to the aims of education and societal progress. The deliberate absence of vocational and technical education institutes demands a reevaluation of the fundamental nature and purpose of higher education rankings. These rankings, while certainly helpful for analyzing and comparing traditional colleges, may not be the most appropriate instruments for evaluating vocational education. Attempting to incorporate vocational and technical education within the existing ranking criteria risks diluting the usefulness of the

ranking system and potentially undervaluing the specific contributions of these centers. The exclusion, therefore, prompts a question of whether a solitary, overarching ranking system can sufficiently capture the broad assortment of educational entities and their unique contributions.

Looking forward, the deliberate exclusion creates options for future thoughts and modifications in ranking systems. As the educational landscape continues to evolve, there may arise a need for parallel ranking systems specifically geared to evaluate vocational and technical education institutes. Creating different but equitable evaluation frameworks will not only highlight the diversity within the educational spectrum but also provide a more accurate depiction of the contributions of these centers to the broader aims of education and societal development. The basis underlying the exclusion of Vocational, Training, and Technical Education Centers from the HE Higher Education Ranking is profoundly anchored in a fundamental awareness of the broad character of education. It is not a dismissal but a recognition of the distinct roles, goals, and contributions of these entities. This conscious decision highlights a dedication to fairness, clarity, and relevance in the evaluation process, ensuring that the ranking criteria fit with the particular qualities of traditional higher education institutions. As the educational landscape continues to evolve, this exclusionary position lays the framework for future advancements in ranking systems, encouraging a more inclusive perspective on the numerous paths individuals take in their educational journeys.

## V. Methodology of HE Higher Education Ranking

The core of the HE Higher Education Ranking resides in its careful and comprehensive methodology, a methodological approach aimed to represent the multidimensional nature of modern higher education institutions. This broad methodology acts as the backbone of the ranking process, organizing the evaluation of colleges on a global basis. At its foundation, the concept indicates a change from standard ranking approaches by embracing a holistic perspective. Instead of fixating on a small set of criteria, the HE Higher Education Ranking comprises 25 general factors, each precisely weighted to ensure a balanced evaluation. These criteria span the spectrum of institutional operations, encompassing everything from academic achievements to societal effect, forming a holistic canvas upon which institutions are judged.

Central to this system is the implementation of 138 key performance indicators (KPIs). These indicators, precisely connected with the weight of each criterion, enable a granular evaluation of institutional performance. Ranging from intellectual production to inclusion programs, they give a complete picture of the diverse contributions of universities to society. The primary principles defining the ranking approach stress transparency, impartiality, and a commitment to ongoing progress. Each of the 25 criteria is allocated a certain percentage, collectively totaling 100%. This % is then transformed into a total of 10,000 points, establishing standardized and objective criteria for evaluation. The points allocated to each criterion and its accompanying performance indicators contribute to the cumulative score, defining the university's position in the global ranking.

The methodology places a purposeful focus on development and progress. Universities are urged to develop their operations across all parameters, with the percentage of points collected directly influencing their ranking. This emphasis on comprehensive improvement changes the ranking from a static list into a dynamic instrument for universities to continuously evolve and attain added value. Characterized by its comprehensiveness, stability, balance, logic, and justice, the criteria and indicators utilized in the ranking methodology are designed to be inclusive, dependable, and adaptable across varied higher education environments globally. The mechanism for inclusion in the ranking entails a systematic process, commencing with invitations to institutions, followed by the collection of extensive data through questionnaires, and culminating in the publication of results and comprehensive reports. The

basic methodology of the HE Higher Education Ranking is a testament to a forward-thinking and dynamic approach to evaluating universities. It exceeds conventional ranking techniques, delivering a clear, fair, and comprehensive framework that not only gives ranks but provides a roadmap for continual institutional improvement in the dynamic terrain of global higher education.

### 5.1 Data Collection and Validation Processes

In the fabric of the HE Higher Education Ranking, the process of data gathering and validation emerges as a key and rigorous component that underpins the overall evaluation framework. It is not a cursory activity but a complicated dance of precision, transparency, and accountability. This approach acts as the underpinning, guaranteeing that the ranking's outcomes are not only numerical representations but accurate assessments of the varied reality of higher education institutions. At the heart of the data collection process is a dedication to comprehensiveness. The ranking aims to cast a wide net, catching a diversified array of information that spans the gamut of higher education activities. This inclusivity is not accidental; it is a deliberate choice that recognizes the overall character of institutional contributions. By gathering data across a variety of criteria and performance indicators, the ranking strives to produce a comprehensive portrayal that goes beyond a one-dimensional view of success. The process begins with an invitation made to higher education institutions, urging their participation in the ranking. This invitation is more than a formality; it is a call to action, encouraging institutions to actively engage in the review process. The questionnaire issued to these institutions serves as a systematic instrument, meant to collect useful and meaningful data that summarizes their academic, research, and societal accomplishments. This questionnaire is not a conventional checklist; it is a narrative canvas on which institutions paint a vibrant image of their unique identity and journey.

The data collection procedure is not confined to self-reporting alone. The ranking incorporates a multi-faceted strategy that aims to triangulate information from multiple sources. This triangulation is not merely a validation tool; it is a strategic effort to assure the robustness and accuracy of the acquired data. By cross-referencing self-reported information with external databases, publications, and authoritative sources, the ranking mitigates the possibility of inaccuracies and guarantees a more accurate foundation for evaluation. The validation procedure, therefore, becomes a tough exercise in quality assurance. It is not a



rubber-stamping operation but a rigorous review of the data's integrity. The ranking combines a combination of automated algorithms and manual examination to go through the material, discover abnormalities, and fix errors. This hybrid technique, merging computer efficiency with human skill, offers levels of examination that strengthen the trustworthiness of the ranking's conclusions. Transparency is a guiding element throughout this procedure. The ranking emphasizes the need to demystify its methodology, ensuring that institutions and stakeholders understand how their data is collected, processed, and validated. This transparency generates a sense of confidence and accountability, ensuring participants that the ranking's findings are not cloaked in secrecy but are the result of a clear and accountable evaluation process. The data collecting and validation methods inside the HE Higher Education Ranking are not banal bureaucratic routines but complicated maneuvers that define the integrity and trustworthiness of the overall rating framework. This painstaking dance between self-reporting, external validation, and transparency assures that the ranking's conclusions are not just numbers on a page but accurate and relevant representations of the complex and dynamic landscape of higher education institutions. It is a commitment to excellence, precision, and accountability that lifts the ranking beyond a mere numerical exercise to a trustworthy and comprehensive tool for evaluating institutional accomplishment on a worldwide scale.

## 5.2 Weights and Scoring System

The HE Higher Education Ranking is not only a static collection of numbers or a superficial review of academic institutions. It is a sophisticated framework aiming to encapsulate the richness and diversity of higher education. At its foundation, the ranking's methodology delicately knits together two fundamental components: weights and the scoring system. This interplay is not a mechanical procedure but a dynamic dance that harmonizes the various nature of higher education institutions. The weighting mechanism is a cornerstone of the ranking's ideology. It shows a conscious and intentional attempt to guarantee that each criterion's significance is proportionally reflected in the overall evaluation. The assignment of exact percentages to the 25 general criteria is not a random exercise but a purposeful calculation that prevents any single aspect from overshadowing the others. This calibrated method safeguards against a reductionist view and develops a complete assessment that matches the complicated fabric of institutional contributions.

The transition from percentages to points in the scoring system is not a mere numerical translation but a metamorphosis that provides significance and depth to the judgment. The total percentage, constituting 100%, metamorphoses into a standardized metric of 10,000 points. This numerical representation serves as a universal language for comparison, offering a sophisticated knowledge of institutional performance on a worldwide scale. Each point, under this framework, becomes a symbol of the institution's journey, embodying the qualitative core of its contributions. The weights allocated to each criterion are not arbitrary impositions but an indication of the ranking's dedication to fairness and accuracy. These weights, carefully worked upon, ensure that no facet of institutional success is neglected. They indicate a recognition that the influence of criteria varies, and the ranking should be a faithful portrayal of the diverse nature of higher education. This equitable distribution of weights becomes the guiding compass that navigates the ranking through the variegated landscape of institutional greatness. Within this sophisticated framework, the 138 performance indicators play a key role. They are not just data points but a fabric of institutional achievements and contributions. The weights provided to these indicators within each criterion are a testament to the ranking's sensitivity to the different forms of institutional performance. This level of granularity ensures that the scoring system captures not just the quantitative outputs but also the qualitative nuances that determine the distinctive personality of each institution.

The result is a symphony of percentages, points, weights, and indications that converge to generate a full appraisal. This methodology exceeds the limitations of standard ranking systems, providing a holistic view that captures the core of institutional success in all its dimensions. It is not a one-size-fits-all strategy but a personalized and responsive framework that recognizes the different responsibilities and contributions of higher education institutions. The HE Higher Education Ranking's delicate tango between weights and the scoring method is a monument to its commitment to fairness, precision, and a full awareness of institutional diversity. This well-constructed framework goes beyond just numbers, giving a compelling story that understands the fabric of higher education institutions. As a dynamic and flexible instrument, the ranking reflects the richness of institutional achievement, ensuring that each institution's unique journey is acknowledged and recognized on the global stage.

### 5.3 Transparency and Accountability Measures

The HE Higher Education Ranking is distinguished by its unwavering dedication to transparency and accountability, two important pillars that underlie the legitimacy and transformative impact of the rating process. This holistic approach to higher education assessment exceeds the basic assignment of numerical rankings, offering a shared journey toward institutional success. Transparency is not only a policy but a guiding mindset that penetrates every level of the rating process. It begins with the invitation sent to higher education institutions, where the criteria and key performance indicators (KPIs) are explicitly stated, setting the stage for an inclusive and complete evaluation. The transparency measures extend to the design of surveys and the collection of data, ensuring that institutions are equipped with clear standards to give accurate and thorough information. The questionnaire design is not arbitrary; it matches the dedication to comprehensiveness, stability, balance, logic, and justice. The painstaking construction of surveys corresponds with the 25 general criteria and 138 performance indicators that form the backbone of the ranking. This purposeful commitment to transparency at the data-gathering stage creates the framework for a stable and trustworthy evaluation. The dedication to transparency is similarly obvious in the computation and weighting of criteria and performance metrics. Each of the 25 criteria is allocated a certain percentage, adding to the overall percentage that sums up to 100%. This % is then translated into a total of 10,000 points, providing a standardized statistic for evaluation. The diligent weighing ensures that each criterion is allocated its proper value, preventing any undue impact on the final outcomes. The culmination of transparency is witnessed with the publishing of results. The ranking is dedicated to giving a full and complete presentation of findings, extending beyond the final rankings to offer a breakdown of scores and performance on individual criteria and indicators. Results are disclosed in December of each year, matching with a commitment to prompt and open disclosure. Accountability, linked with transparency, becomes a fuel for ongoing progress. Detailed institutional reports, received by universities upon the announcement of results, go beyond numerical rankings. They serve as blueprints for advancement, delivering a granular examination of performance on each criterion and indicator. Transparent and constructive criticism is provided, identifying areas of strength and possibilities for growth.

The accountability metrics extend beyond numerical rankings to the real-world impact of institutional activities. By identifying areas for development and delivering specific

recommendations, the ranking guarantees that the evaluation process is not a static exercise but a dynamic driver for positive change. Stakeholder involvement is a vital accountability metric, facilitating interaction between the ranking and institutions. This collaborative approach allows institutions to voice their viewpoints, seek clarifications, and actively engage in the continual refining of the ranking process. The cyclical nature of this engagement underlines a commitment to accountability as a reciprocal partnership. The HE Higher Education Ranking actively seeks and accepts feedback from universities, students, and other stakeholders. This iterative process ensures that the ranking stays dynamic, flexible, and reflective of the developing objectives and problems in the area of higher education. The HE Higher Education Ranking, by its seamless integration of transparency and accountability, becomes more than a basic assessment tool. It turns into a collaborative endeavor that empowers institutions to define the future of higher education actively. This symbiotic interplay between transparency and accountability places the HE Higher Education Ranking as a beacon of credibility, trust, and revolutionary effect in the domain of global higher education evaluation.

#### 5.4 Characteristics of Criteria and Indicators:

Embedded within the sophisticated architecture of the HE Higher Education Ranking are the qualities of criteria and indicators, each thread weaving a tale of institutional distinctiveness and intellectual excellence. This research digs into the varied nature of these components, identifying the intricacies that raise them beyond basic metrics to key parts of a comprehensive and informative evaluation framework. At its core, the criteria and indicators included in the ranking are not arbitrary creations but purposeful decisions that embody the holistic nature of modern higher education institutions. The ranking's architects understand that universities are dynamic entities, contributing to society in numerous ways beyond traditional academic endeavors. Therefore, the features included within each criterion and indicator express a dedication to encompassing the various dimensions that determine institutional success.

Comprehensiveness emerges as a prominent trait, matching the ranking's goal of offering a panoramic view of institutional performance. The criteria and indicators span a vast spectrum, incorporating academic achievements, research outputs, societal influence, and cultural enrichment. This breadth is purposeful, ensuring that the evaluation framework

transcends narrow conceptions of success and encompasses the full scope of a university's achievements. Stability is another attribute, indicating the ranking's commitment to producing consistent and dependable results. Unlike approaches prone to chaotic oscillations, the HE Higher Education Ranking promotes stability, giving clear and dependable findings. This attribute is not only a question of statistical robustness but a representation of the ranking's dedication to creating trust and confidence among institutions and stakeholders. The precise balance struck in deciding the amount of each factor is a tribute to the ranking's fairness and equity. The weighting of criteria is adjusted judiciously to ensure that each feature contributes substantially to an institution's overall evaluation. This equilibrium is not a mathematical exercise alone; it shows a commitment to fairness, realizing that institutions function in distinct environments with varied purposes and strengths.

Furthermore, the qualities of the criteria and indicators match with logical requirements that institutions can accomplish. The ranking criteria are not fantasy benchmarks; they are founded in the tangible domain of university operations. This logical foundation ensures that institutions, regardless of size or expertise, can interact meaningfully with the evaluation process, generating a feeling of inclusivity and relevance. Fairness extends beyond the attainability of criteria to cover the ability of institutions worldwide to implement them. The criteria and indicators are created with a global view, reflecting the varied environments in which higher education institutions operate. This attribute ensures that the rating is not confined to a regional or cultural bias but resonates with institutions on a universal scale. The qualities of criteria and indicators within the HE Higher Education Ranking build a fabric of intentionality, justice, and inclusivity. They are not arbitrary metrics but deliberate selections that represent a deep knowledge of the diverse function of universities in the current world. As institutions engage with this complete evaluation framework, they are not navigating through a maze of abstract measurements; they are traversing a landscape meant to capture and celebrate the richness of higher education contributions globally.

## 5.5 General Areas Covered by the Ranking

The HE Higher Education Ranking emerges as a comprehensive fabric, elaborately woven with the threads of numerous criteria, each representing a significant dimension of institutional excellence. This section digs into the wide landscape covered by the ranking, outlining the general topics that serve as the compass for evaluating higher education institutions globally.

### 1. Management of Higher Education Institutions:

At the basis of the complete ranking system lies a profound exploration into the diverse world of managing and controlling higher education institutions. This in-depth investigation comprises a rigorous examination of not only institutional regulations but also digs into the complex intricacies of decision-making processes. The examination extends to analyzing the overall effectiveness of governance systems, emphasizing their key role in creating the trajectory of academic accomplishment. The ranking process discerns that successful management is not only an administrative job but acts as the cornerstone upon which an institution's resilience and adaptability are constructed. It acknowledges that adept management is not just about navigating challenges but involves skillfully orchestrating a symphony of strategic decisions, fostering a culture of continuous innovation, and creating an environment that goes beyond being conducive—it actively champions academic and societal advancement. The ranking system highlights the crucial necessity of intelligent administration in higher education. It views successful governance not as a static entity but as a dynamic force, moving institutions ahead in the ever-evolving terrain of education. This holistic perspective acknowledges that the actual measure of success is not only in overcoming problems but in charting a road that stimulates constant progress, pushing the boundaries of information distribution and societal influence.

### 2. The Impact of the Overall Educational Process:

Universities stand not only as bastions of knowledge transmission but as dynamic crucibles of transforming learning experiences that sculpt the future. The ranking painstakingly investigates the tremendous impact of the total educational process, engaging in a developed evaluation of teaching practices, curriculum design, and the success of pedagogical approaches. Beyond the confines of conventional academic metrics, this evaluative criterion extends into holistic assessment, delving into how universities cultivate not just academic proficiency but a profound and enduring impact on the intellectual, emotional, and professional development of their student bodies. The ranking approach understands that education is not a mere transmission of information but a synergistic interplay between instructors and learners. It scrutinizes instructional approaches to measure their efficacy in creating not just rote memorization but a profound understanding that crosses disciplinary borders. Moreover, it critically reviews curriculum design, highlighting the need for a dynamic

and responsive educational framework that matches the growing requirements of society. However, the requirement doesn't stop with intellectual prowess. It extends its purview to incorporate a holistic study of how colleges act as incubators of intellectual curiosity, creating a love for inquiry that extends beyond the classroom. Critical thinking, recognized as the core of intellectual independence, is examined for its cultivation within the student community. Moreover, the ranking emphasizes the enduring benefit of developing a commitment to lifelong learning, as it goes beyond graduation and affects the professional and personal spheres of alumni. The ranking tries to capture the core of an educational institution's transformative power. It attempts to quantify not just what students know but how well institutions equip them for a future defined by adaptability, inventiveness, and a relentless pursuit of knowledge.

### 3. Scientific Research:

Research stands as the lifeblood of academia, surging through the veins of innovation and increasing the global reservoir of knowledge. The ranking painstakingly highlights the scientific research endeavors of higher education institutions, throwing a discerning spotlight on their contributions to the wide sphere of human understanding. This thorough examination extends beyond a conventional quantitative assessment, diving into the intricacies of research output, the perceptive appraisal of publication quality, and the significant influence of an institution's contributions to breakthroughs across varied sectors. The technique emphasizes that the pulse of scholarly greatness is measured not just in the volume of research but in the quality and impact of the intellectual contributions. It tries to unravel the fabric of an institution's research environment, appreciating the depth of inquiry, the rigor of methodology, and the societal relevance of the findings. Moreover, the criterion respects the dynamic nature of research, appreciating not only groundbreaking findings but also the iterative process of refining and expanding the bounds of knowledge. The ranking considers research not as a single pursuit but as a collaborative and global enterprise that crosses institutional boundaries. It lays proper emphasis on how institutions actively contribute to the collective growth of knowledge, creating a culture of intellectual curiosity and inquiry. By acknowledging the crucial role of research in influencing the academic landscape, this criterion acts as a beacon that raises institutions devoted to not only producing knowledge but also nurturing an atmosphere where research thrives as a cornerstone of scholarly achievement.

#### 4. Internationalization:

Internationalization, within this ranking framework, is not relegated to a mere checkbox but emerges as a dynamic and integrated part of the educational environment. It delves beyond the surface, diving into the outlined ways in which colleges weave a global fabric into the fabric of their educational experience. Recognizing that cultivating a global outlook is not confined to exchanges within the classroom, the criterion applauds institutions that actively nurture a cosmopolitan attitude, establishing a climate where diversity is not merely embraced but appreciated. The ranking highlights internationalization as a driving force that transcends physical borders, converting education into a collaborative and multicultural undertaking. It emphasizes that in the linked environment of higher education, institutions that actively engage with the global academic community not only enrich the educational experience but also play a critical role in creating future leaders with a comprehensive perspective of the world.

#### 5. The University's Relationship with Society and the Labor Market:

The effect of higher education institutions on society beyond the borders of academics, and this ranking criterion dives into the complicated fabric of their relationship with the larger community. It starts with a comprehensive exploration, analyzing the varied ways in which universities contribute to societal well-being and address important concerns, underlining that their impact is not confined to lecture halls and research labs but reaches into the fabric of the communities they serve. This criterion emerges by evaluating the dynamic relationship between universities and the labor market, realizing that the relevance of higher education goes beyond graduation. It involves a rigorous review of how successfully universities fit their educational programs with the increasing needs of the employment market. The ranking focuses a critical focus on programs that enhance graduate employability, ensuring that the education provided extends beyond theoretical knowledge, giving graduates the practical skills and adaptability required in a continually changing professional world. The rating highlights the societal value of universities, highlighting their role as promoters of constructive change. It applauds institutions that actively connect with local and global communities, employing their knowledge to address societal concerns and contribute to the well-being of the larger community. This criterion, therefore, serves as a compass, steering institutions toward a holistic approach that balances academic excellence with a strong commitment to social responsibility. The list highlights colleges not only as hubs of knowledge but as dynamic



entities that actively contribute to the progress and betterment of society. It recognizes that the influence of higher education institutions is most meaningful when it resonates not only within the academic community but also in the communities they serve and the lives of their alumni.

#### 6. A Holistic Perspective:

What separates the HE Higher Education Ranking is its steadfast commitment to a complete and integrated review, bucking the propensity to compartmentalize universities into limited categories. This ranking recognizes the inherent interconnectedness of various facets of higher education, understanding that a university's impact on society is intricately woven into the fabric of its management practices, just as internationalization efforts reverberate throughout the overall educational experience. Rather than seeing higher education via a reductionist lens, this rating emphasizes a holistic vision that transcends conventional limits. It understands that a university's management practices establish the framework for its societal influence, impacting not only its ability to navigate obstacles but also shaping its function as a promoter for good change. The rating emphasizes that effective administration is not an isolated enterprise but a dynamic force that echoes across the institution, influencing research, teaching practices, and the general academic atmosphere. The connection extends to internationalization initiatives, realizing that a global outlook is not an isolated feature but an intrinsic part of the total educational experience. It knows that exposure to other perspectives benefits not only the academic journey but also the development of well-rounded, globally conscious persons. The ranking respects how international partnerships and cultural diversity contribute not only to academic brilliance but also to the richness of the greater educational ecosystem. This interdependence is the cornerstone of the ranking's approach. It gives a panoramic view of higher education institutions, perceiving them not as isolated entities but as dynamic contributions to the intellectual, social, and economic fabric of our global civilization. By embracing a holistic perspective, the ranking acts as a beacon, encouraging institutions towards a balanced and integrated approach to education, where the sum of interrelated efforts exceeds the individual components, generating a lively and impactful higher education landscape.

## 7. Continuous Evolution:

The complete approach embraced by this rating goes beyond a static assessment; it implies a call to action for institutions to be architects of their evolution. By encompassing diverse dimensions—ranging from management practices and educational processes to scientific research, internationalization, and societal engagement—the ranking challenges institutions not only to strive for excellence in specific domains but to holistically advance the realms of knowledge, societal impact, and global engagement. In realizing that excellence is multidimensional and interdependent, the ranking fosters a philosophy of ongoing growth. It understands that the pursuit of knowledge is not a destination but a journey marked by continual growth and adaptability. By pushing universities to thrive not only in traditional academic criteria but also in their larger contributions to society and global collaboration, the ranking acts as a promoter for a new era of holistic education. The continual evolution of the HE Higher Education Ranking matches the dynamic spirit of higher education itself. It evolves not simply as a mirror of change but as a proactive force, crafting the narrative of academic success in a world that demands a comprehensive and forward-thinking approach.

## 5.6 How to Read each criteria?

Embarking on the journey of understanding the criteria of the HE Higher Education Ranking requires an exploration of each criterion's significance, its deliberate inclusion in the ranking, the focal points it highlights for universities, and the overarching operational strategies it implies. As we navigate through these considerations, a comprehensive comprehension of how to interpret and glean insights from each criterion emerges.

### 1. Importance for the University and its Development:

Each criterion encapsulates a facet that is deemed crucial for the holistic development of a university. Whether it be research output, internationalization efforts, teaching methodologies, or societal impact, each criterion represents a pillar that contributes to the broad nature of a modern higher education institution. Recognizing the importance of each criterion is essential for universities aspiring not only to ascend in the ranking but also to enhance their overall standing and impact in the academic realm.

## 2. Inclusion in the Ranking:

The criteria included in the ranking are not arbitrary; rather, they are carefully curated to present a comprehensive and evaluation of higher education institutions. The inclusion of each criterion is rooted in its relevance to the contemporary landscape of academia and its ability to reflect the diverse roles and responsibilities of universities. As such, when delving into the criteria, it is essential to appreciate the thoughtful selection process that underpins the ranking's methodology.

## 3. Focus for Universities:

Understanding the focus of each criterion provides universities with strategic insights into areas where they can channel their efforts for improvement. Whether it is enhancing research endeavors, fostering international collaborations, or refining teaching methodologies, each criterion serves as a beacon guiding universities toward specific areas of emphasis. By discerning the focus embedded in each criterion, universities can tailor their strategies to align with the ranking's evaluative framework and, in turn, bolster their overall performance.

## 4. Main Operational Strategy:

Each criterion implies a set of operational strategies that universities can adopt to excel in that particular area. For instance, in criteria related to research, universities may strategically invest in faculty development, research infrastructure, and interdisciplinary collaborations. Similarly, criteria focused on internationalization may prompt universities to strengthen their global partnerships, promote cultural diversity, and enhance the international exposure of both faculty and students. Recognizing the main operational strategies inherent in each criterion empowers universities to navigate their improvement journey with precision and purpose. Reading and interpreting each criterion in the HE Higher Education Ranking is not merely an exercise in understanding numerical values but an exploration of the strategic facets that collectively shape the narrative of institutional success. It is an invitation for universities to introspect, strategize, and evolve in alignment with the broader goals of academic excellence, societal impact, and global relevance. As institutions delve into the intricacies of each criterion, they embark on a transformative journey that extends beyond the confines of numerical rankings, fostering a culture of continuous improvement and innovation in higher education.

## 5.7 How to Read Each Indicator?

Reading HE Higher Education Ranking, each indicator serves as a microcosm, offering profound insights into specific dimensions of a university's performance. As we unravel the layers of these indicators, it becomes apparent that they are not mere statistical data points; rather, they are intricately woven threads that contribute to the fabric of a university's identity, impact, and trajectory. To read and interpret each indicator is to engage in an exploration that delves into the underlying considerations shaping its importance, the imperative for universities to cultivate it, and the far-reaching consequences it holds for the future of higher education institutions.

### 1. Why this Indicator is Important:

Each indicator is a reflection of a fundamental aspect that goes beyond numerical representation. Whether it pertains to research output, faculty-student ratio, internationalization efforts, or societal impact, the importance lies in its capacity to encapsulate a specific facet essential for the comprehensive evaluation of a university. These indicators are not arbitrary; they are selected to capture the essence of what defines a modern, impactful institution.

### 2. Why Universities Should Develop this Indicator:

Developing an indicator is synonymous with enhancing a critical aspect of university operations. Whether it is fostering a vibrant research culture, promoting diversity and inclusion, or advancing technological infrastructure, the development of each indicator aligns with the overarching goals of institutional excellence. Universities should recognize the intrinsic value embedded in each indicator as a pathway toward continuous improvement and alignment with global benchmarks.

### 3. Why Did We Include this Indicator in the Ranking:

The inclusion of each indicator in the ranking is a testament to its significance in the contemporary landscape of higher education. These indicators collectively contribute to a holistic evaluation, providing a perspective on a university's strengths and areas for improvement. The ranking is not just a numerical exercise; it is a comprehensive narrative

woven from the threads of these indicators, offering a broad view of institutional performance.

#### 4. What is the Impact of this Indicator on the Future of the University:

The indicators are not static; they are dynamic predictors of a university's future trajectory. A strong emphasis on research output, for instance, foretells a future where the institution is at the forefront of knowledge creation. Similarly, indicators related to internationalization signal a future where the university is globally connected and culturally diverse. Understanding the future impact of each indicator allows universities to strategically position themselves for sustained growth and relevance.

#### 5. What is the Added Value of this Indicator to the University:

Each indicator contributes an added layer of value to the university's identity. Whether it is elevating the institution's research profile, fostering a conducive learning environment, or fortifying community engagement, the added value extends beyond numerical rankings. It encompasses the intangible elements that define a university's character and its distinct contribution to society.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting an indicator is akin to overlooking a critical facet of institutional development. Each indicator represents a key aspect that, when neglected, can lead to imbalances and shortcomings in the overall fabric of the university. Whether it's overlooking the importance of faculty-student engagement or neglecting to invest in cutting-edge technology, each oversight has the potential to hinder the university's journey toward excellence.

Reading and interpreting each indicator in the HE Higher Education Ranking is an invitation to delve into the intricacies that shape the narrative of institutional success. These indicators are not isolated data points; they are dynamic elements that collectively define the essence of a university's impact, relevance, and contribution to the broader landscape of higher education. As universities navigate the terrain of these indicators, they embark on a transformative journey that transcends numerical rankings, embracing a culture of continuous improvement and innovation in the pursuit of academic excellence.

## VI. Table of Criteria and Indicators

The Table of Criteria and Indicators stands as a comprehensive atlas, guiding the exploration of institutional success across diverse dimensions. This navigational tool goes beyond a mere enumeration of criteria and indicators; it is a roadmap that unfolds the narrative of higher education institutions' broad contributions to academia, society, and global progress. The significance of this table extends beyond its utilitarian function; it is a testament to the ranking's commitment to transparency and clarity. As institutions, stakeholders, and the academic community engage with this table, they are not met with an opaque list of metrics but with a lucid representation of the fabric that weaves together the evaluation framework. Each criterion and corresponding indicator, meticulously arranged, becomes a point of reference in the journey toward a more comprehensive understanding of institutional achievements. Comprising 25 criteria, the table reflects the ranking's recognition of the diverse facets that define institutional excellence. From research outputs to societal impact, from teaching methodologies to cultural enrichment, each criterion serves as a lens through which the holistic contributions of higher education institutions come into focus. This diversity is intentional, ensuring that the evaluation framework transcends narrow definitions of success and resonates with the myriad roles universities play in the contemporary landscape.

The 138 indicators linked to these criteria are not mere data points; they are the pulse points that measure the vitality of higher education institutions. Each indicator, carefully calibrated, reflects a nuanced aspect of institutional performance. Whether quantifying the number of published papers, assessing the internationalization efforts, or gauging the societal impact, these indicators collectively construct a narrative that extends beyond numerical values to encapsulate the ethos and dynamism of universities.

In the spirit of transparency, the table explicitly delineates the connection between criteria and indicators. It is not an arbitrary collection of metrics; each indicator is strategically aligned with a criterion, contributing to a cohesive and comprehensive evaluation. This transparency is not a passive feature but an active choice to empower institutions with a deeper understanding of how their diverse activities are captured within the evaluation framework. As institutions go across this expansive table, they embark on a journey of self-discovery and reflection. It is not a static inventory but a dynamic instrument that beckons institutions to critically engage with their own missions, strengths, and areas for growth. The

table serves as a mirror, reflecting the contours of institutional identity and impact, inviting stakeholders to contemplate and celebrate the diverse contributions universities make to the global fabric of knowledge and progress. The inclusivity of the table is a deliberate choice. It recognizes that institutions worldwide, regardless of size, location, or specialization, can find resonance within its pages. The criteria and indicators are not confined to a particular cultural or regional context but are designed to capture the universal essence of higher education's broad role in shaping minds, advancing knowledge, and fostering societal progress. The Table of Criteria and Indicators is more than a static list; it is a living document that breathes life into the ranking's commitment to transparency, inclusivity, and comprehensive evaluation. As institutions navigate through its intricacies, they are not merely decoding metrics; they are unraveling the rich narrative of their own contributions and potential within the global landscape of higher education.

Criteria	Indicator	Value percentage
Research	1.1- The number of journals of the HEIs	9%
	1.2- The number of published papers during the last academic year	
	1.3- The number of published papers during the last 5 years	
	1.4- The number of results of the domain of the HEI on Google Scholar - Go to <a href="https://scholar.google.com/">https://scholar.google.com/</a> and write the domain of your university (example.edu). On the upper left of the screen, there is a message saying: About ??????? results (0.06 sec). This number is:	
	1.5- The number of winners of local, regional, or international awards at the university	
	1.6- The total number of patents granted (national and international).	
	1.7- The total number of patents published by the United States Patent and Trademark Office USPTO under the umbrella of the university.	
	1.8- Total number of Intellectual Property Rights (IPRs) other than patents/copyrights (including original writings).	
	1.9- The number of books and periodicals available at the library/libraries of the university for every 1000 students.	
	1.10- The number of research centers affiliated with the university.	
	1.11- The number of international conferences held by the university in the last academic year.	
	1.12- The number of co-editorships in international journals.	
	1.13- The total number of staff in joint research projects.	

	1.14- The number of researchers at the university.	
	1.15- The number of original books authored by the university academic staff, or publishing houses affiliated or connected with the university.	
<b>Internationalization</b>	2.1- The ratio of international faculty members/total faculty members	8%
	2.2- The ratio of international students to the total number of students	
	2.3- The number of professors who have spent at least 1 semester abroad in the last 5 years	
	2.4- The number of professors with international professional experience outside the university	
	2.5- The proportion of young researchers who gained at least one university degree abroad (Bachelor, Master, Ph.D.) relative to the total number of researchers.	
	2.6- The number of active partnerships of the university in the last 3 years.	
	2.7- The number of international research projects with international cooperation partners.	
<b>Teaching</b>	3.1- The proportion of graduates with joint or double/multiple degrees to the total number of graduates	5%
	3.2- General Student attendance rate at theoretical programs.	
	3.3- General Student attendance rate at practical programs.	
	3.4- Passing Rate for National Licenses, Colloquium Tests, or Exams (e.g. Nursing, pharmacy, Law, Medicine, etc.).	
	3.5- The Number of new executive programs during the last academic year.	
	3.6- The number of new professional development programs/short courses.	
	3.7- The number of Ph.D. and master programs offered by the university.	
	3.8- All information related to the teaching plan, classes, exam tables, and workload are publicly available	
<b>Student Success, and Graduation</b>	4.1- Graduation Rates at the university.	5%
	4.2- The ratio of female students to total number of students	
	4.3- Graduates' trust in the university, and its its decisions during their academic study.	
	4.4- The students are satisfied with the services provided at the university.	
	4.5- The proportion of incoming international exchange students to the total number of students	
	4.6- The proportion of outgoing exchange students to the total number	



	of students	
	4.7- The proportion of students enrolled in special academic courses at the summer university to the total number of students.	
	4.8- Students' registration and examination details and information data are protected and saved	
<b>Faculty &amp; Staff</b>	5.1- The ratio of part-time faculty members to the total number of faculty members at the university	5%
	5.2- The level of satisfaction of faculty members of the HEI for the management of the university.	
	5.3- The ratio of students/faculty members.	
	5.4- The number of professors who gained their doctoral degrees abroad.	
	5.5- The proportion of non-academic staff/ administrative staff who have taken part in internationally-oriented further training programs.	
	5.6- The proportion of employees with international experience (minimum 3 months).	
	5.7- The proportion of academic Staff younger than 35 years old.	
	5.8- The proportion of Academic staff older than 65 years old.	
<b>Funding, Finance, and Grants</b>	6.1- The ratio of Income from other sources/ to the main income of the university.	5%
	6.2- The proportion of the University's budget for international cooperation, MoUs, and international relations.	
	6.3- The proportion of third-party funding from international sponsors.	
	6.4- The proportion of the budget for international research cooperation and scholarship funds.	
	6.5- The proportion of the budget for international higher education marketing.	
	6.6- The proportion of expenditure of the university on Research and development (R&D) activities to the total expenditure of the university.	
<b>Facilities &amp; Resources, and management</b>	7.1- General number of students in class.	5%
	7.2- The number of Stakeholder engagement meetings every year.	
	7.3- The number of libraries at the university.	
	7.4- The number of e-libraries at the university.	
	7.5- How many campuses does the university have?	
<b>Social, and Cultural Impact of the University</b>	8.1- Number of cultural activities of the HEIs during the last academic year.	5%
	8.2- Number of cultural activities of the HEIs during the last 5 years.	
	8.3- The number of transparent activities and initiatives of the university	

	during the last academic year.	
	8.4- The level of participation of the HEI with local authorities.	
	8.5- The proportion of professors with a migrant background.	
	8.6- The university is providing lectures on intercultural learning	
	8.7- The university provides lectures and information on countries, cultures, and societies.	
	8.8- Percentage of Alumni Engagement in the academic activities of the university.	
<b>Quality Assurance, Accreditation, and Networking</b>	9.1- The proportion of accredited programs to the total programs in the university.	5%
	9.2- The university is locally accredited by the Higher Education Council/Ministry/Authority, or any other local body.	
	9.3- The number of academic programs offered at the university.	
	9.4- The number of programs that had accreditation from an accreditation agency that is a member of (ENQA – INQAAHE – CEENQA - APQN), or one of the Regional Accreditation Agencies in the USA).	
	9.5- The university has institutional accreditation from an accreditation agency that is a member of (ENQA – INQAAHE – CEENQA - APQN), or one of the Regional Accreditation Agencies in the USA).	
	9.6- The Number of Memorandum of Understanding (MOUs) signed by the HEI during the last 5 years.	
	9.7- The number of international academic bodies that the HEIs is a member of.	
	9.8- The number of International networks in which, the university is a member.	
	9.9- The university, or any of its faculties, centered, or colleges, is ISO 21001, or ISO 9001 certified.	
<b>Equity, equality, Diversity, and inclusion</b>	10.1- The ratio of female faculty members/total faculty members.	5%
	10.2- The university offers infrastructure for students with special needs.	
	10.3- The university has developed policies for providing equal opportunities to male and female staff and students.	
	10.4- The university has a policy for Equity and equality.	
	10.5- Are there appropriate processes, procedures, and tools to support the necessary accommodations for persons with disabilities?	
<b>Foreign Language, and Linguistic Impact</b>	11.1- The number of programs taught in foreign languages.	4%
	11.2- The proportion of employees with foreign language skills to the total number of employees.	
	11.3- The proportion of lecturers who teach in a foreign language (e.g.	

	<p>engineering taught in Spanish) relative to the total number of lecturers.</p> <p>11.4- The website of the university is available in .....</p> <p>11.5- The proportion of courses taught in a foreign language to the total courses offered at the university.</p> <p>11.6- The number of foreign language programs offered at the university including different specializations.</p>	
<b>UN SGDs, and 2030 Agenda</b>	<p>12.1- The number of sustainable development initiatives at the university.</p> <p>12.2- The number of environmental development initiatives at the university.</p> <p>12.3- The number of UN Sustainable Development Goals applied by the university.</p>	2%
<b>Labor Market</b>	<p>13.1- The ratio of employment of the graduates within 18 months after their graduation.</p> <p>13.2- Labor market surveys are available at the university.</p> <p>13.3- Number of labor market orientation meetings during the last academic year (in all business areas and all sectors).</p> <p>13.4- The number of gatherings with labor market owners, company owners, and stakeholders of the labor market during the last 5 years.</p> <p>13.5- The university has established an internationally-oriented career center(s).</p> <p>13.6- The university is offering information about the professional development of the graduates.</p>	4%
<b>Recreation, support, and entertainment</b>	<p>14.1- The number of sports facilities available for every 1,000 students in the university.</p> <p>14.2- The number of football fields, stadiums, entertainment halls, virtual reality, and entertainment gatherings available at the university.</p> <p>14.3- Student Participation Rate in Athletics or Sports Clubs.</p>	4%
<b>Information Technology, and computer equipment</b>	<p>15.1- The number of technological development initiatives of the HEIs during the last academic year.</p> <p>15.2- Technology is adapted and implemented by the university to serve and enhance its operation.</p> <p>15.3- The number of ICT centers at the university.</p>	4%
<b>Lifelong learning</b>	<p>16.1- Does the HEI have a policy or a plan to be adaptive to change?</p> <p>16.2- Does the HEI have a policy or a plan to be adaptive to crisis management?</p> <p>16.3- Implementation risks initiatives of the HEIs are available.</p> <p>16.4- Does the HEI have a policy or a plan to manage natural disasters</p>	6%

	(earthquakes - floods - volcanos - tornados?)	
	16.5- The university is active in political and civic engagement.	
	16.6- The university is active in engagement with diverse views on social and economic issues.	
	16.7- The university is active in informal learning experiences.	
<b>Data Management</b>	17.1- Strategies, resolutions, and guidelines of operation are available publicly at the university.	3%
	17.2- University data are protected and saved physically and virtually.	
	17.3- University data are secured and are easily retrieved in case of emergency.	
<b>Admissions &amp; Enrollments</b>	18.1- Acceptance Rates at the University.	2%
	18.2- The ratio of Ph.D. students to the total number of students.	
	18.3- The ratio of master students to the total number of students.	
	18.4- Drop-out rates for first-year students.	
	18.5- General dropout rates at the university.	
<b>Media</b>	19.1- The university is active on social media platforms.	2%
	19.2- The university has a YouTube channel(s).	
	19.3- The university is active on LinkedIn.	
	19.4- The university is publishing its activities periodically on Facebook.	
	19.5- The university is updating information on its website.	
<b>Academic Freedom</b>	20.1- Are there any training resources available for students related to Free Speech?	2%
	20.2- The university is launching initiatives to promote academic freedom	
<b>Support of distance learning</b>	21.1- The number of total distance learning programs offered by the university.	2%
	21.2- The university is prepared for online education and has the appropriate equipment and infrastructures for online education	
	21.3- The university has a platform/sub-domain/portal to support online education	
<b>Innovation and creativity</b>	22.1- Innovation is one of the pillars of the university	2%
	22.2- Creativity is one of the main pillars of the operation of the university	
	22.3- The university has a policy to support talented students (rewards – financial aid, etc).	
	22.4- The university has a policy to support talented faculty members (rewards – financial aid, etc).	

<b>Sustainability and management</b>	23.1- The university has certain procedures for good governance.	2%
	23.2- The university has certain procedures for decision-making.	
	23.3- The university follows democratic models in governance.	
	23.4- Decisions of the university are council-made decisions.	
<b>Academic Transparency</b>	24.1- Academic transparency policies are available for academic staff.	2%
	24.2- The university has policies and procedures to keep politics, radicalism, and racism out of classrooms.	
<b>Futuristic Concept of the University</b>	25.1- The university has a five-year plan for its operation.	2%
	25.2- The university sets plans for the inclusion of its graduates in the faculty members of the university.	
	25.3- The portion of investment of the university in futuristic, and modern technology (like Metaverse, AI, and other technologies) to the total budget of the university.	

## VII. Exploring the 25 Criteria in HE Higher Education Ranking

Embarking on a full investigation of the 25 criteria within the HE Higher Education Ranking uncovers a rich fabric that stretches beyond typical measures. These criteria serve as the framework for a sophisticated evaluation of academic institutions, highlighting the varied nature of their contributions to academia, society, and the global landscape. The criteria are not just number indicators; they are challenging characteristics that collectively determine institutional excellence. Each criterion dives into a specific facet of the institution's operation, realizing that actual academic prowess goes beyond quantitative indicators. From research and teaching to social impact and cultural enrichment, the requirements capture the holistic core of higher education. They know that a strong academic community is founded upon dedicated teachers, varied student bodies, and solid support systems. Financial sustainability, globalization, and technological infrastructure are reviewed, acknowledging their vital roles in building an environment suitable for learning, research, and innovation. The criteria transcend the campus boundaries, acknowledging the institution's impact on societal advancement, inclusivity, and contributions to global sustainability goals.

In a world marked by linguistic diversity, the criteria acknowledge the importance of foreign language fluency and successful cross-cultural communication. They align with global ambitions for sustainable development, measuring the institution's adherence to the United Nations Sustainable Development Goals (SDGs) and the broader 2030 Agenda. The employability of graduates, recreational activities, support services, and a commitment to remote learning are all key components of the evaluation. The criteria reflect that academic institutions are not static entities but dynamic contributors to lifelong learning and the ever-evolving environment of higher education. In the digital age, information technology, data management, and transparency become important. The criteria analyze the institution's flexibility to technology changes, its dedication to transparency, and its position as a steward of environmental sustainability. Ultimately, the Futuristic Concept of the University criteria encompasses the forward-thinking approach institutions must follow. It examines their preparedness for future challenges, technological transformations, and shifting educational paradigms, ensuring that the institution stays adaptive, inventive, and important in defining the future of higher education. The exploration of the 25 factors within the HE Higher Education Ranking exceeds typical evaluation procedures. It embodies the essence of academic institutions as dynamic contributors to knowledge, societal advancement, and

global sustainability. These criteria stand not just as metrics but as guiding principles, guaranteeing that excellence in higher education is a constant and growing journey.

### 7.1 Rationale Behind 25 Criteria

In the coordination of the HE Higher Education Ranking, the careful inclusion of 25 criteria serves as a conductor's baton, guiding the complete examination of academic institutions. Far beyond a mere numerical statistic, this set of criteria indicates a strong dedication to portraying the diverse essence of higher education. As we delve into the rationale behind this orchestration of 25 distinct criteria, it becomes obvious that each note in this symphony contributes to a harmonious and overall understanding of institutional greatness. The higher education landscape is a fabric woven with varied threads, and a reductionist approach to evaluation risks disregarding the vibrancy and variety of academic institutions. In understanding this, the developers of the HE Higher Education Ranking have curated a rich set of 25 criteria, each analogous to an instrument in an ensemble, providing its distinctive melody to the entire song. This intended abundance underscores that universities are not solitary institutions with uniform qualities but dynamic ecosystems spanning a diversity of variables.

At the root of this decision lies the concept that a holistic assessment must transcend conventional, one-dimensional measurements. Universities are not static entities only characterized by academic achievements; they are living creatures with cultural, societal, and global dimensions. The 25 criteria act as lenses, providing a multidimensional insight into the numerous contributions institutions make to knowledge, society, and the global community. The modern higher education atmosphere necessitates a complex and comprehensive approach. A narrow set of criteria would be analogous to studying a masterpiece through a pinhole, hiding the richness and diversity that distinguish academic institutions. In contrast, the 25 criteria in the HE Higher Education Ranking offer a holistic picture, noting that the modern university is a nexus of research, cultural influence, societal participation, and global effect.

These criteria are not static entities but dynamic representations of the increasing expectations and roles of higher education institutions. The inclusion of criteria such as sustainability, global connectedness, and societal effect aligns with the notion that universities

are not isolated organizations but vital contributors to tackling serious global concerns. This forward-looking approach portrays the 25 criteria as beacons guiding universities toward a future where academic achievement transcends traditional boundaries. The decision to add 25 criteria is not a rigorous imposition but a strategic option to promote a balanced and thorough examination. Just as a symphony demands a balanced blend of instruments, the inclusion of varied criteria guarantees that no single aspect unduly influences the overall rating. This openness encourages institutions to succeed across numerous dimensions, supporting a holistic approach to institutional growth and reinforcing the idea that excellence is a complex pursuit. The argument transcends quantitative criteria, embodying a qualitative approach that honors the unique mission, strengths, and contributions of each organization. The 25 criteria are not checkboxes but dynamic components that allow for the adjustment of the different missions and interests of institutions globally. They represent an awareness that academic achievement cannot be condensed into a homogeneous template but rather resonate with the vast and different environments in which colleges operate.

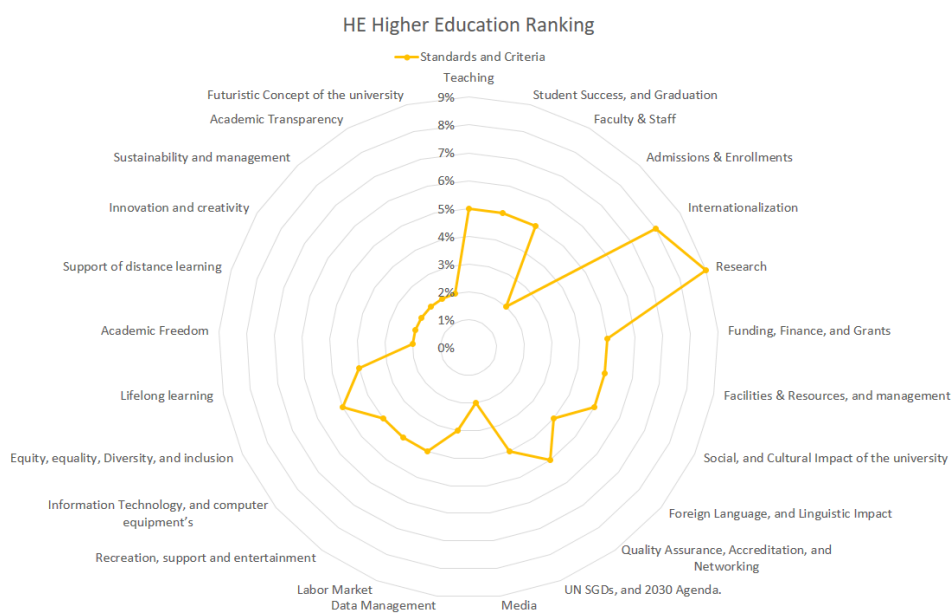


Figure 1: List of Criteria used in the ranking

The inclusion of 25 criteria is a tribute to the realization that achievement in higher education is not a formulaic activity. These criteria contain numerous factors, from academic and research pursuits to societal impact and cultural enrichment, reflecting the diverse missions and goals of institutions worldwide. This inclusion guarantees that the ranking methodology accommodates the rich fabric of global higher education, acknowledging the



contextual variation that constitutes brilliance. The rationale behind the 25 criteria is a symphony of consciously selected aspects aiming at giving a comprehensive impartial evaluation of higher education institutions. It is an acknowledgment of the varied nature of modern universities, the evolving expectations of society, and the diverse responsibilities these institutions play in molding the future. As the higher education landscape continues to evolve, the 25 criteria stand as a testament to the commitment to thorough and meaningful evaluation, promoting a culture of excellence, adaptation, and continual progress in academia worldwide.

## 7.2 Characterization of each 25 Criteria

### *First criteria – Research*

Research as the main pillar of universities

#### 1. Importance for the University and its Development:

Research stands as the cornerstone of each respected higher education institution. It is the driving force behind academic progress, innovation, and society development. Universities engaging in substantial research activities are better positioned to contribute significantly to the advancement of knowledge, technology, and solutions to global concerns. A strong research culture recruits top-tier academics, encourages intellectual curiosity among students, and increases the university's overall academic prominence.

#### 2. Inclusion in the Ranking:

The inclusion of research as a primary element in the ranking indicates the awareness of its vital role in shaping the identity and effect of a university. Institutions actively interested in revolutionary research not only elevate their own stature but also contribute greatly to the broader academic community and society at large. Therefore, by highlighting research as a primary criteria, the ranking underlines the value of a university's dedication to developing knowledge and tackling real-world concerns.

#### 3. Focus for Universities:

Universities should prioritize research as a vital pillar of their purpose. Engaging in cutting-edge research not only draws top people but also promotes interdisciplinary collaboration, establishing a dynamic intellectual environment. Institutions that promote research offer an

ecosystem where students are exposed to the newest breakthroughs, contributing to their academic and professional development.

#### 4. Main Operational Strategy:

Making research a major operational strategy for a university ensures its long-term relevance and effect. By investing in research infrastructure, encouraging academics to explore novel ideas, and promoting a culture of inquiry, a university positions itself at the vanguard of academic success. Research-driven universities are better positioned to recruit financing, partnerships, and high-level students, solidifying their status as leaders in education and knowledge development.

### *Second criteria – Internationalization*

Internationalization as a Key criteria for University Ranking:

#### 1. Importance for the University and its Development:

Internationalization is a vital aspect in establishing the modern character and development of a university. In an integrated global society, universities play a vital role in developing cross-cultural understanding, collaboration, and the sharing of knowledge. The ability of a university to recruit a varied population of students, teachers, and researchers from throughout the world contributes greatly to its intellectual vibrancy, cultural diversity, and overall academic success.

#### 2. Inclusion in the Ranking:

The inclusion of internationalization as a main criterion in the ranking acknowledges its revolutionary impact on the educational landscape. Universities that actively engage in internationalization initiatives not only extend their own horizons but also contribute to the building of a worldwide knowledge network. This criterion underlines the importance of colleges in teaching students to navigate a worldwide world and in establishing a cosmopolitan atmosphere that transcends geographical borders.

#### 3. Focus for Universities:

Universities should focus on internationalization as a strategic priority to equip their students with a global perspective and prepare them for success in an increasingly linked world. By

attracting a varied student body and facilitating international cooperation, universities create an environment that fosters cross-cultural learning, promotes tolerance, and enriches the overall educational experience.

#### 4. Main Operational Strategy:

Making internationalization a primary operational strategy for an institution is vital for staying relevant and competitive in the global higher education market. This means actively recruiting international students and professors, creating ties with institutions abroad, and promoting exchange programs. By doing so, a university not only enriches its academic environment but also positions itself as a hub for global conversation, research, and innovation. Internationalization becomes a promoter for enhancing the institution's brand and impact on a worldwide scale.

### *Third criteria: Teaching*

Teaching as a Fundamental Criteria for University Ranking:

#### 1. Importance for the University and its Development:

Teaching stands at the core of a university's goal to convey information, encourage critical thinking, and prepare students for a successful and fulfilling life. The quality of teaching directly affects the learning experience, student engagement, and academic outcomes. A university's commitment to effective teaching is not only a reflection of its dedication to educational quality but also a significant factor in influencing the intellectual and personal growth of its students.

#### 2. Inclusion in the Ranking:

The inclusion of teaching as a primary element in the ranking recognizes its vital significance in measuring the overall quality of a university. While research and internationalization add to the institution's worldwide position, teaching excellence is vital to the primary mission of education. By stressing teaching in the ranking, it emphasizes the significance of providing an environment where students receive a transforming and fulfilling educational experience.

### 3. Focus for Universities:

Universities should prioritize teaching as a major focus to fulfill their educational purpose efficiently. A commitment to great teaching requires attracting and maintaining high-quality staff, employing new educational approaches, and providing resources for continual professional growth. Focusing on teaching quality ensures that students obtain the knowledge, skills, and critical thinking abilities necessary for success in their academic and professional pursuits.

### 4. Main Operational Strategy:

Making education a major operational strategy for a university is vital for fostering a culture of academic success. This means investing in faculty development programs, developing mentorship opportunities, and employing technology to enhance the learning experience. By prioritizing teaching, a university not only fulfills the immediate requirements of its student body but also builds a reputation for educational quality that attracts top students and professors, thereby establishing its position as a leader in higher education.

## *Fourth criteria – Student Success, and Graduation*

Student Success and Graduation as Imperative Criteria for University Ranking:

### 1. Importance for the University and its Development:

The success and graduation of students indicate the ultimate accomplishment of a university's educational goal. Beyond providing knowledge, colleges aspire to empower students with the skills, values, and competencies needed for personal and professional success. The ability of students to navigate and complete their academic journey is a testimonial to the institution's efficacy in offering a helpful and enriching learning environment.

### 2. Inclusion in the Ranking:

The inclusion of student achievement and graduation as a primary element in the ranking highlights the holistic appraisal of a university's impact. It acknowledges that an institution's commitment to education goes beyond admissions and spans the whole student lifecycle. By combining graduation rates and student success criteria, the ranking recognizes the importance of colleges in not just attracting students but also assuring their advancement and performance.

### 3. Focus for Universities:

Universities should focus on student achievement and graduation as a major component of their educational mission. This involves implementing support networks, mentorship programs, and academic resources to facilitate students' journey from enrollment to graduation. A strong focus on student achievement guarantees that the university is not just enticing students but also providing the essential tools and support mechanisms for them to thrive and complete their academic goals.

### 4. Main Operational Strategy:

Making student success and graduation a primary operational strategy for an institution is crucial for its continued growth and impact. This strategy entails investing in student support services, evaluating and addressing retention difficulties, and continuously improving the entire educational experience. By prioritizing the success of its students, a university not only meets its commitment to education but also develops a positive feedback loop, recruiting new students and contributing to a strong alumni network that further enhances the institution's reputation.

## *Fifth criteria – Faculty & Staff*

Faculty & Staff Excellence as a crucial criteria for University Ranking:

### 1. Importance for the University and its Development:

The quality and commitment of faculty and staff play a key role in shaping the identity and success of a university. These individuals are the driving force behind the institution's academic reputation, research production, and overall student experience. Faculty members contribute to the intellectual vigor of the university, while staff personnel maintain the effective operation of numerous administrative and support functions. Their collective excellence is crucial to the development and continued expansion of the university.

### 2. Inclusion in the Ranking:

The inclusion of Faculty and staff Excellence as a primary category in the ranking reflects the enormous impact that these individuals have on the overall quality and reputation of a university. Recognizing and honoring the accomplishments of academic and staff members is

vital for presenting a full evaluation of the institution. This criteria stresses the necessity of cultivating a faculty and staff community that is not only academically skilled but also dedicated to the institution's mission and values.

### 3. Focus for Universities:

Universities should work on developing a culture of excellence among their academic and staff personnel. This requires recruiting top-tier academics, providing chances for professional development, and establishing a friendly and inclusive work environment. A strong focus on faculty and staff quality ensures that the institution attracts, retains, and empowers personnel who are not only experts in their fields but also passionate about contributing to the university's academic and organizational success.

### 4. Main Operational Strategy:

Making Faculty and staff Excellence a major operating strategy for a university is crucial for sustaining and growing its academic reputation. This strategy comprises investing in teacher development, encouraging a collaborative and inclusive environment, and recognizing and rewarding excellent accomplishments. By prioritizing the well-being and professional progress of teachers and staff, a university not only assures the continuous delivery of high-quality education but also develops a good institutional culture that resonates with students, alumni, and the larger academic community.

## *Sixth criteria – Funding, Finance, and Grants*

Funding, Finance, and Grants as Critical Criteria for University Ranking:

### 1. Importance for the University and its Development:

The financial health and the ability to get funds and grants are crucial variables in determining the overall development and sustainability of an institution. Adequate financial resources permit universities to invest in cutting-edge research, attract top teachers, develop facilities, and provide a high-quality learning environment for students. The financial stability of a university is inextricably tied to its capability for innovation, expansion, and long-term effect on both academics and society.

## 2. Inclusion in the Ranking:

The inclusion of Funding, Finance, and Grants as a significant category in the ranking acknowledges the essential role that financial strength plays in influencing the trajectory and influence of a university. Recognizing financial prowess in the ranking highlights that a well-funded institution can adopt strategic initiatives, support ongoing academic activities, and weather economic difficulties, adding considerably to its overall status in the academic scene.

## 3. Focus for Universities:

Universities should strategically focus on acquiring money, managing finances efficiently, and aggressively seeking grants to support their overall development. This requires building effective fundraising initiatives, finding public and private partnerships, and applying sound financial management techniques. By prioritizing financial sustainability, a university guarantees it can achieve its mission, attract top talent, and provide a world-class education that meets the increasing requirements of students and society.

## 4. Main Operational Strategy:

Making Funding, Finance, and Grants a primary operational strategy for a university is vital for its long-term success and influence. This method entails diversifying revenue streams, engaging in smart financial planning, and actively pursuing grants and philanthropic assistance. By prioritizing financial stability, a university positions itself to weather economic crises, invest in research and infrastructure, and maintain a competitive edge in the global higher education scene.

## *Seventh criteria – Facilities & Resources, and management*

Facilities & Resources, and Management as Vital Criteria for University Ranking:

### 1. Importance for the University and its Development:

The availability and proper management of buildings and resources are crucial to the overall development and operational effectiveness of a university. Quality infrastructure, well-equipped laboratories, modern libraries, and efficient administration systems contribute to creating an environment suitable for teaching, research, and innovation. The appropriate application and management of these assets enable a seamless educational experience, support cutting-edge research, and enhance the overall reputation of the university.

## 2. Inclusion in the Ranking:

The inclusion of Facilities & Resources, and Management as significant criteria in the ranking acknowledges the vital role that these elements play in molding the complete educational experience given by an institution. Recognizing the value of well-managed facilities and resources underlines that an institution is equipped to accommodate the different demands of its academic community, producing an atmosphere conducive to learning, research, and intellectual pursuits.

## 3. Focus for Universities:

Universities should work on maximizing their facilities and resources while employing effective management techniques to ensure operational excellence. This entails constant improvement of infrastructure, strategic allocation of resources, and the implementation of efficient management procedures. By prioritizing the expansion of facilities and resources, a university develops a healthy ecosystem for academic and research activities, attracting top talent and contributing to a positive learning and working environment.

## 4. Main Operational Strategy:

Making Facilities & Resources, and Management a primary operational strategy for a university is vital for sustaining its growth and influence. This technique comprises regular examination and upgrading of infrastructure, adopting sustainable practices, and creating efficient management systems. By prioritizing these factors, a university not only assures the proper functioning of its day-to-day operations but also develops an attractive and hospitable atmosphere for students, professors, and researchers, further strengthening its overall academic reputation.



## Seventh criteria – Facilities & Resources, and management

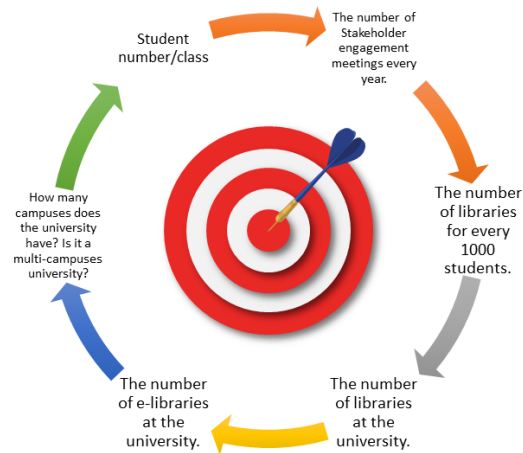


Figure 2: Seventh Criteria - Facilities

## *Eighth criteria - Social, and Cultural Impact of the university*

Social and Cultural Impact of the University as a Crucial Criteria for Ranking:

### 1. Importance for the University and its Development:

The social and cultural impact of a university exceeds academic bounds, playing a key role in influencing the larger community and society. A university's influence extends beyond the campus through its contributions to cultural enrichment, community development, and societal improvement. Institutions that actively engage with and favorably impact their social and cultural surroundings contribute greatly to the general development and well-being of the regions they serve.

### 2. Inclusion in the Ranking:

The inclusion of the Social and Cultural Impact factor in the ranking recognizes that the influence of a university extends far beyond standard academic measurements. It acknowledges the transformative role that colleges may play in building social cohesion, cultural enrichment, and community development. By stressing this criterion, the ranking attempts to evaluate and reward colleges that actively contribute to the advancement of society through their social and cultural projects.

### 3. Focus for Universities:

Universities should work on recognizing and strengthening their social and cultural influence as an intrinsic element of their mission. This comprises increasing community engagement, supporting cultural projects, and solving societal concerns through research and outreach activities. By focusing on their social and cultural effect, colleges may become promoters for positive change, encouraging inclusivity, diversity, and a feeling of shared purpose among their students and the greater society.

### 4. Main Operational Strategy:

Making the social and cultural effect a primary operational strategy for a university is vital for integrating the institution with its broader societal duties. This technique entails actively seeking ways to contribute to community well-being, supporting local cultural projects, and integrating social impact considerations into research and teaching processes. By prioritizing social and cultural effects, a university not only fulfills its duty as a knowledge hub but also becomes a constructive agent for change, generating a sense of pride and belonging among its stakeholders.

## *Ninth criteria – Quality Assurance, Accreditation, and Networking*

Quality Assurance, Accreditation, and Networking as Essential Criteria for University Ranking:

### 1. Importance for the University and its Development:

Quality assurance, accreditation, and networking form the core of a university's dedication to maintaining high academic standards, assuring the recognition of its programs, and encouraging cooperation with other universities. Quality assurance systems guarantee the delivery of a consistent and high-quality educational experience, accreditation confirms the institution's adherence to defined standards, and networking creates chances for cooperation, resource-sharing, and academic progress. Together, these components contribute to the overall development, legitimacy, and sustainability of a university.

### 2. Inclusion in the Ranking:

The inclusion of Quality Assurance, Accreditation, and Networking as a primary criterion in the ranking recognizes the basic importance these elements play in building and enhancing the legitimacy of a university. Accreditation acts as external certification of the institution's

dedication to academic achievement, quality assurance assures continual progress, and networking enhances the university's reputation in the academic community. By including these criteria in the ranking, it emphasizes the importance of a well-rounded and reputable educational institution.

### 3. Focus for Universities:

Universities should focus on creating rigorous quality assurance processes, getting accreditation from credible accrediting agencies, and actively engaging in networking programs. Quality assurance ensures the delivery of high-quality education, accreditation certifies the institution's programs, and networking develops relationships that increase the effect of research and academic initiatives. By prioritizing these components, institutions demonstrate their commitment to quality, continual progress, and contributing meaningfully to the greater academic community.

### 4. Main Operational Strategy:

Making Quality Assurance, Accreditation, and Networking a primary operational strategy for a university is vital for assuring its long-term success and effect. This strategy comprises adopting and consistently improving quality assurance methods, acquiring and maintaining accreditation, and actively participating in national and international academic networks. By prioritizing these characteristics, a university not only ensures the credibility and recognition of its programs but also provides doors for collaboration, research funding, and knowledge sharing. It becomes a proactive participant in the global academic scene, contributing to and benefiting from the common growth of knowledge.

## *Tenth criteria – Equity, equality, Diversity, and inclusion*

Equity, Equality, Diversity, and Inclusion as Essential Criteria for University Ranking:

### 1. Importance for the University and its Development:

Equity, equality, diversity, and inclusion are not just moral imperatives but also crucial components for the complete development and success of a university. These values establish a campus climate where persons from varied backgrounds feel appreciated, respected, and included. Embracing variety and assuring equity and equality create a lively intellectual

community, improving the educational experience and preparing students for the challenges of a globalized society.

## 2. Inclusion in the Ranking:

The inclusion of Equity, Equality, Diversity, and Inclusion as a primary criterion in the ranking emphasizes that a university's dedication to these principles goes beyond academic achievements. It understands that a varied and inclusive campus community contributes to the overall vibrancy and excellence of the institution. By introducing this factor, the ranking underscores that a university's impact extends beyond typical academic measures to its capacity to build an environment that encourages social responsibility, empathy, and cultural competence.

## 3. Focus for Universities:

Universities should actively focus on encouraging fairness, equality, diversity, and inclusion as intrinsic components of their institutional character. This requires enacting inclusive policies, fostering diversity in student and faculty recruitment, and creating a climate that welcomes differences. By promoting these principles, colleges guarantee that every member of the academic community feels respected, supported, and empowered to fulfill their full potential.

## 4. Main Operational Strategy:

Making Equity, Equality, Diversity, and Inclusion a key operational plan for a university is crucial for developing a campus culture that represents the principles of justice, fairness, and equal opportunity. This technique entails not only enacting legislation but also cultivating a mindset that actively attempts to tear down barriers and address systemic imbalances. By embracing these principles, a university distinguishes itself as a leader in social responsibility, recruiting varied talent and contributing to a global society where justice and inclusion are not just goals but living realities.

### **Tenth criteria – Equity, equality, Diversity, and inclusion**



Figure 3: Tenth Criteria – Equity, Equality, and Diversity

### **Eleventh Criteria – Foreign Language, and Linguistic Impact**

Foreign Language and Linguistic Impact as Fundamental Criteria for University Ranking:

#### 1. Importance for the University and its Development:

The command of foreign languages and the linguistic effect of a university extend well beyond the domain of language studies. Proficiency in various languages gives students vital skills, facilitating cross-cultural communication, promoting global collaboration, and enhancing general cognitive ability. Moreover, the language impact of a university is a tribute to its commitment to establishing a multilingual and inclusive learning environment, preparing students to succeed in an interconnected world.

#### 2. Inclusion in the Ranking:

The inclusion of Foreign Language and Linguistic Impact as a primary element in the ranking recognizes that linguistic variety is a cornerstone of global education. Beyond typical measures, this criteria underlines the importance of language proficiency in developing well-rounded, globally capable graduates. By including this factor, the ranking underlines the importance of institutions in contributing to linguistic diversity, breaking down language barriers, and helping students to handle the challenges of our multicultural and multilingual global society.

### 3. Focus for Universities:

Universities should actively work on boosting foreign language acquisition and creating linguistic impact across their academic programs. This comprises offering a varied choice of language courses, facilitating language immersion experiences, and incorporating linguistic diversity into the institutional culture. By stressing foreign language fluency, colleges not only enhance the educational experience but also contribute to establishing a global community of graduates who are competent at communicating and cooperating across linguistic boundaries.

### 4. Main Operational Strategy:

Making Foreign Language and Linguistic Impact a primary operational strategy for a university is vital for ensuring its relevance and effectiveness in a globalized world. This technique entails integrating language learning across fields, encouraging language research, and offering chances for linguistic exchange. By stressing foreign language fluency, a university not only prepares its students with a vital skill set but also positions itself as a hub for linguistic study and cross-cultural discourse, developing a global viewpoint that transcends borders.

#### *Eleventh criteria – Foreign Language, and Linguistic Impact*

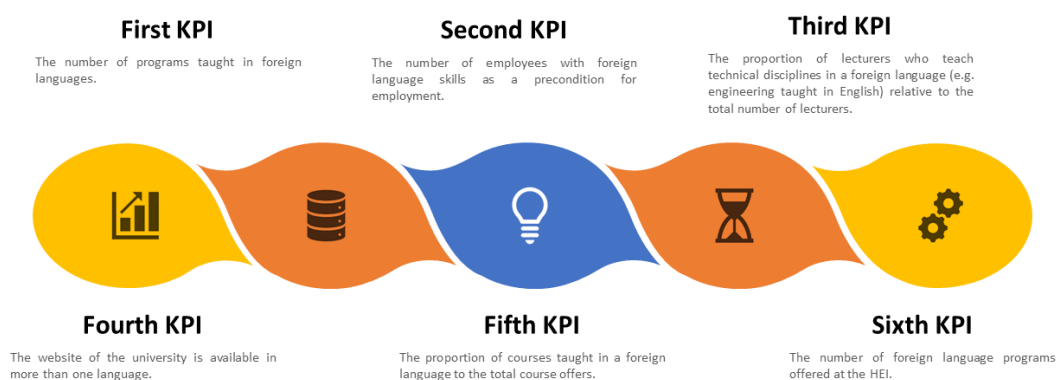


Figure 4: Eleventh Criteria – Linguistic Impact

## *Twelfth criteria – UN SDGs, and 2030 Agenda*

UN Sustainable Development Goals (SDGs) and 2030 Agenda as Integral Criteria for University Ranking:

### 1. Importance for the University and its Development:

The integration of the UN Sustainable Development Goals (SDGs) and the 2030 Agenda into a university's mission and operations is of crucial importance. The SDGs provide a comprehensive framework for addressing global concerns, embracing issues such as poverty, inequality, climate change, and social justice. Aligning with these goals not only positions a university as a responsible global citizen but also guarantees that its activities contribute to the broader agenda of sustainable development, generating beneficial societal effects.

### 2. Inclusion in the Ranking:

The inclusion of UN SDGs and the 2030 Agenda as primary criteria in the ranking recognizes the essential role universities play in advancing sustainable development. By analyzing how successfully universities incorporate and contribute to the SDGs, the rating encourages a holistic assessment of a university's influence beyond standard academic measures. It emphasizes the urgency of solving global concerns and celebrates universities that actively engage with the 2030 Agenda, integrating their efforts with the broader global movement for sustainable development.

### 3. Focus for Universities:

Universities should actively engage in connecting their activities with the UN SDGs and the 2030 Agenda. This involves incorporating sustainability ideas into curriculum design, undertaking research that addresses critical global concerns, and implementing campus-wide projects that promote environmental responsibility and social justice. By emphasizing the SDGs, universities become major contributors to the global effort to achieve a more egalitarian, sustainable, and resilient future.

### 4. Main Operational Strategy:

Making UN SDGs and the 2030 Agenda a key operational plan for a university is crucial for creating its identity as a socially responsible institution. This concept entails infusing sustainability principles into every area of university operations, from curriculum development

and research priorities to campus infrastructure and community engagement. By connecting with the SDGs, a university not only addresses current global concerns but also trains students to be leaders who can contribute significantly to the accomplishment of sustainable development aims.

#### *Twelfth criteria – UN SDGs, and 2030 Agenda*

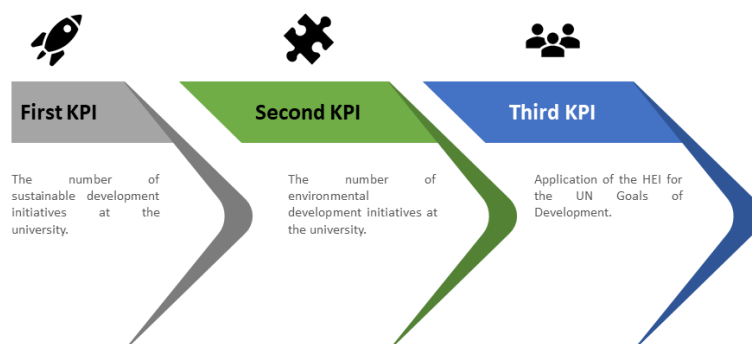


Figure 5: Twelfth Criteria – UN SDGs

#### *Thirteenth Criteria – Labor Market*

Labor Market Impact as a Crucial Criteria for University Ranking:

##### 1. Importance for the University and its Development:

The impact of a university on the job market is a vital component of its function in training students for successful and meaningful professions. The labor market criteria evaluate the employability and success of graduates, showing the effectiveness of a university in delivering relevant education, supporting skill development, and facilitating smooth transitions into the workforce. A university's relationship with the labor market is crucial for the comprehensive development of its academic programs, ensuring they align with the increasing needs of industries and contribute to the economic development of the region.

##### 2. Inclusion in the Ranking:

The inclusion of Labor Market Impact as a fundamental criteria in the ranking reflects the symbiotic relationship between colleges and the job market. Evaluating a university's success in this criteria indicates its effectiveness in creating graduates who are not just academically



proficient but also well-prepared for the demands of the professional world. By integrating labor market outcomes, the ranking gives a thorough assessment of a university's impact on the success and employability of its graduates.

### 3. Focus for Universities:

Universities should actively focus on increasing their connection with the labor market. This involves cooperating with industries to build curricula that fit industry demands, providing experiential learning opportunities such as internships and co-op programs, and fostering contacts with employers for job placement. By prioritizing the labor market, colleges ensure that their graduates are equipped with the skills and knowledge necessary for businesses, supporting a seamless transition from education to employment.

### 4. Main Operational Strategy:

Making Labor Market Impact a primary operational strategy for a university is vital for matching its educational offerings with the realities of the professional world. This method entails continual contact with employers, maintaining abreast of industry changes, and adjusting academic curricula to meet growing labor market demands. By addressing the labor market, a university not only boosts the value proposition for its students but also strengthens its reputation as an institution that produces graduates able to make immediate contributions to the workforce.

#### *Thirteenth criteria – Labor Market*

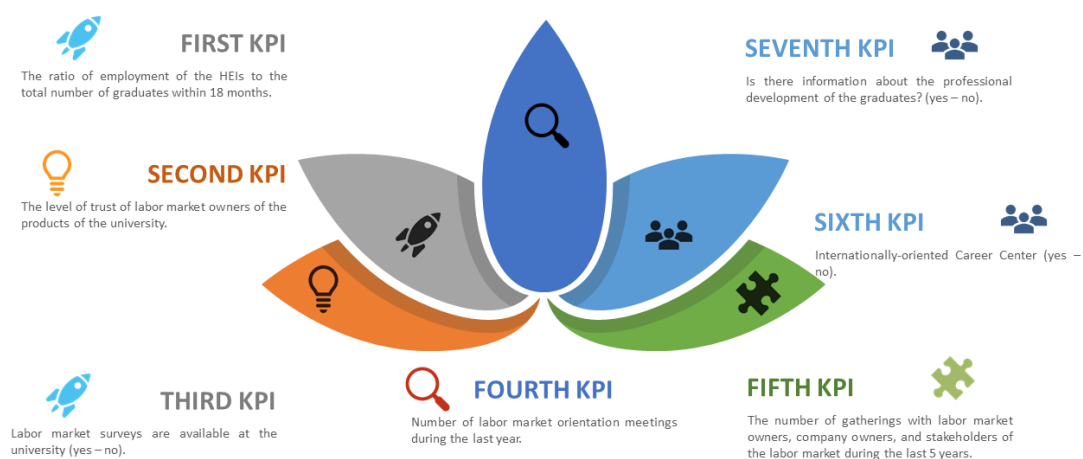


Figure 6: Thirteenth Criteria – Labor Market

## *Fourteenth criteria – Recreation, support, and entertainment*

### Recreation, Support, and Entertainment as Vital Criteria for University Ranking:

#### 1. Importance for the University and its Development:

The provision of recreation, support, and entertainment is vital to the holistic growth and well-being of university communities. Beyond academic endeavors, a university plays a crucial role in cultivating the social, emotional, and recreational components of its students and staff. A thriving campus life with numerous recreational opportunities and support services adds to a healthy study environment, develops a feeling of community, and enriches the entire university experience. This dimension is vital for attracting and retaining students, developing a healthy campus culture, and encouraging the mental and emotional well-being of the university community.

#### 2. Inclusion in the Ranking:

The inclusion of Recreation, Support, and Entertainment as a primary element in the ranking emphasizes that a well-rounded university experience goes beyond academic achievements. Evaluating a university's performance in this criteria acknowledges its dedication to providing a supportive and engaging atmosphere that extends beyond the classroom. By including this factor, the ranking stresses the importance of institutions in supporting personal development, community participation, and the general pleasure of its students and staff.

#### 3. Focus for Universities:

Universities should actively engage in expanding recreational opportunities, support services, and entertainment options on campus. This comprises creating areas for social contact, delivering mental health and counseling services, organizing cultural and recreational activities, and providing a supportive infrastructure for students confronting academic or personal issues. By focusing on these characteristics, universities contribute to the holistic development of their community members, providing an environment that encourages well-being, engagement, and a sense of belonging.

#### 4. Main Operational Strategy:

Making Recreation, Support, and Entertainment a core operational plan for a university is vital for fostering a healthy and inclusive campus culture. This plan entails investing in recreational

facilities, extending support services, and creating diverse and inclusive entertainment options. By focusing on these qualities, a university not only enhances the quality of campus life but also attracts and keeps students and staff, contributing to a lively and active community. A focus on recreation, support, and entertainment becomes a crucial differentiator, setting the university apart as an institution that cares about the total well-being and pleasure of its community members.

***Fourteenth criteria – Recreation, support and entertainment***



Figure 7: Fourteenth Criteria – Sport Entertainment

***Fifteenth criteria – Information Technology, and computer equipment***

Information Technology and Computer Equipment as Crucial Criteria for University Ranking:

**1. Importance for the University and its Development:**

The integration of solid Information Technology (IT) infrastructure and state-of-the-art computer equipment is crucial for the overall development and competitiveness of a university. In the digital age, technology serves as the backbone of academic, administrative, and research procedures. Access to cutting-edge IT tools enriches the academic experience, facilitates research improvements, streamlines administrative processes, and ensures the university remains at the forefront of innovation. A university's dedication to investing in and maintaining top-notch IT infrastructure closely corresponds with its capacity to satisfy the increasing needs of students, professors, and staff.

## 2. Inclusion in the Ranking:

The inclusion of Information Technology and Computer Equipment as significant criteria in the ranking demonstrates the realization that technological capabilities are inherent to the modern university scene. Evaluating a university's success in this criteria emphasizes the importance of providing students and researchers with access to the latest technology, building a digitally literate academic community, and establishing the institution as a hub for technological innovation. By introducing this factor, the ranking highlights that technology preparedness is a crucial facet of a university's overall effectiveness.

## 3. Focus for Universities:

Universities should aggressively work on adopting, updating, and maintaining cutting-edge IT infrastructure and computer equipment. This requires investing in solid networks, offering up-to-date computer laboratories, and ensuring that both real and virtual learning environments are technologically prepared. By prioritizing IT, universities educate students with important digital skills, encourage innovative research, and expedite administrative operations, ultimately establishing a technologically savvy environment that enhances the overall efficiency and effectiveness of the institution.

## 4. Main Operational Strategy:

Making Information Technology and Computer Equipment a primary operating plan for a university is crucial for its competitiveness and relevance in the digital era. This strategy entails continual investment in IT infrastructure, assuring the availability of up-to-date software and hardware, and cultivating a culture of technical innovation and adaptation. By prioritizing IT, a university not only delivers a cutting-edge learning environment but also positions itself as a leader in harnessing technology to boost academic, research, and administrative tasks. In an increasingly digital environment, this strategy becomes a critical facilitator for the university's continued growth and impact.

## *Sixteenth Criteria – Lifelong learning*

Lifelong Learning as a Fundamental Criteria for University Ranking:

### 1. Importance for the University and its Development:

Lifelong learning, the concept of accumulating information and skills throughout one's life, is crucial for the continuous relevance and development of a university. In an era of rapid technology breakthroughs and growing societal needs, the traditional model of education is shifting towards a more dynamic and continuous learning paradigm. Universities play a key role in establishing a culture of lifelong learning, ensuring that their graduates and the larger community are prepared with the skills and knowledge needed to navigate a continually changing environment.

### 2. Inclusion in the Ranking:

The inclusion of Lifelong Learning as a fundamental criteria in the ranking acknowledges that the impact of a university continues far beyond the period of a formal degree program. It emphasizes the need to develop a learning ecosystem that encourages continual education, professional development, and personal enrichment throughout individuals' lives. By incorporating this factor, the ranking stresses that institutions should be judged not just on their initial educational offers but also on their dedication to being lifelong learning hubs.

### 3. Focus for Universities:

Universities should actively focus on encouraging lifelong learning by offering flexible and accessible educational opportunities for individuals at all phases of their lives and professions. This requires building effective continuing education programs, providing opportunities for professional development, and leveraging digital technologies to make learning resources available to a wide audience. By prioritizing lifelong learning, universities ensure that they stay relevant and accessible to learners throughout their whole life paths, establishing a culture of continual intellectual growth.

### 4. Main Operational Strategy:

Making Lifelong Learning a primary operational strategy for a university is vital for its long-term effect and viability. This technique entails integrating lifelong learning ideas into curriculum design, building mechanisms for identifying earlier learning experiences and establishing collaborations with industry and communities to address ongoing educational

requirements. By stressing lifelong learning, a university promotes itself as a dynamic and adaptive institution that is devoted to fulfilling the diverse and developing educational requirements of individuals over their lifespans.

### *Seventeenth Criteria – Data Management*

Data Management as a Foundational Criteria for University Ranking:

#### 1. Importance for the University and its Development:

Data management is at the foundation of the modern university's operations, influencing every element from academic decision-making to administrative efficiency. The large amount of data generated within a university, including student records, research findings, and administrative information, offers immense potential for informed decision-making, strategic planning, and boosting the overall efficacy of the institution. The responsible and efficient administration of data is vital for assuring accuracy, security, and accessibility, contributing considerably to the development, innovation, and ongoing improvement of a university.

#### 2. Inclusion in the Ranking:

The inclusion of Data Management as a fundamental criteria in the ranking acknowledges the vital role that data plays in shaping the modern higher education landscape. It recognizes that institutions that thrive in data management are better positioned to leverage the potential of information for academic excellence, research innovations, and operational efficiency. By introducing this factor, the ranking underscores the importance of universities as guardians of huge amounts of valuable data and the necessity for responsible and effective management methods.

#### 3. Focus for Universities:

Universities should actively focus on building solid data management systems and processes. This requires investing in secure and effective data storage, creating data governance standards, and fostering a data-driven culture across the institution. By emphasizing data management, universities may enhance the accuracy of academic and administrative choices, streamline operational processes, and contribute to a culture of evidence-based decision-making.

#### 4. Main Operational Strategy:

Making Data Management a primary operational strategy for a university is vital for its efficiency, competitiveness, and long-term success. This technique entails developing clear data governance rules, integrating cutting-edge data analytics tools, and fostering a culture of data literacy among staff and academics. By emphasizing data management, a university not only guarantees the integrity and security of its information but also promotes itself as an institution that harnesses data-driven insights for strategic planning, academic innovation, and operational success.

### *Eighteenth criteria – Admissions & Enrollments*

Admissions & Enrollments as Fundamental Criteria for University Ranking:

#### 1. Importance for the University and its Development:

The admissions and enrollment processes are key factors that influence the composition, diversity, and academic quality of a university community. Successful management of admissions ensures that the university recruits a varied and bright pool of students, providing an intellectually dynamic and inclusive learning environment. The way a university handles admissions strongly determines its reputation, student body composition, and, ultimately, its overall development and success.

#### 2. Inclusion in the Ranking:

The inclusion of Admissions and enrollments as a criteria in the ranking recognizes that the composition of the student body is a critical part of a university's effect and identity. Evaluating how well a university administers its admissions process provides insights into its ability to attract and select students who are not just academically capable but also varied in origins, opinions, and skills. By including this criteria, the ranking underscores the importance of admissions techniques in creating the overall character and destiny of a university.

#### 3. Focus for Universities:

Universities should actively engage in refining and optimizing their admissions and enrollment processes. This requires developing clear and fair admission processes, aggressively promoting diversity in student populations, and offering support services to assist in a smooth transition for enrolled students. By addressing these factors, colleges can develop a student body that

reflects a wide fabric of backgrounds, experiences, and skills, leading to a dynamic and inclusive academic environment.

#### 4. Main Operational Strategy:

Making Admissions and enrollments a primary operational strategy for an institution is vital for its growth, reputation, and long-term effect. This method involves regularly analyzing and refining admissions processes, aggressively promoting diversity and inclusion, and offering support services that enhance the entire student experience. By emphasizing admissions and enrollments, a university not only draws top-tier talent but also promotes an environment where students from all backgrounds feel respected, encouraged, and empowered to succeed. This, in turn, boosts the university's standing and influence in the academic scene.

#### ***Eighteenth criteria – Admissions & Enrollments***

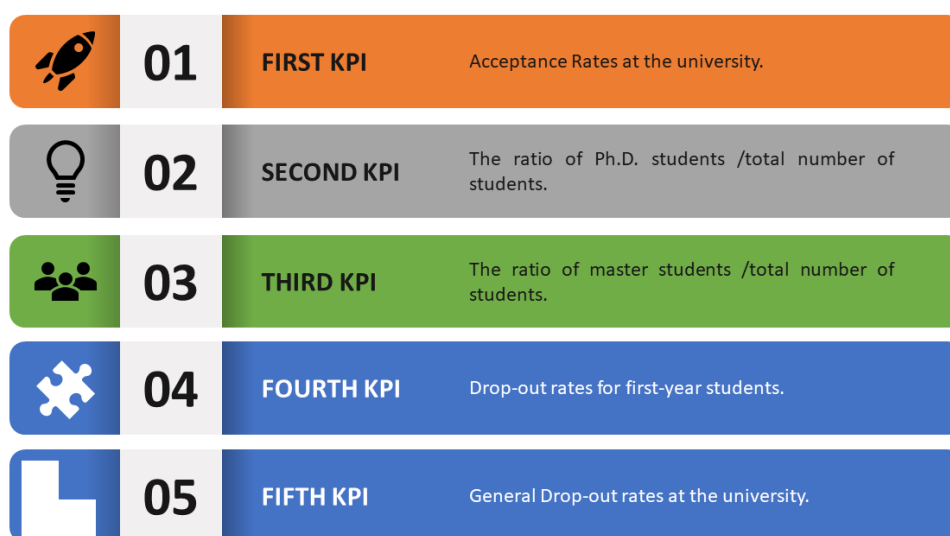


Figure 8: Eighteenth Criteria – Admission and Enrollment

#### ***Nineteenth criteria – Media***

Media Presence as an Integral Criteria for University Ranking:

##### 1. Importance for the University and its Development:

In the digital age, a university's media presence is a potent instrument that influences its exposure, reputation, and engagement with multiple stakeholders. The way a university communicates through multiple media channels, including traditional and digital platforms, profoundly impacts its development. A strong media presence promotes brand awareness, attracts prospective students and faculty, fosters community participation, and amplifies the



impact of the institution's research and contributions to society. Effective media management is, thus, crucial for building the narrative around a university and ensuring that its successes and values are properly communicated to a global audience.

## 2. Inclusion in the Ranking:

The addition of Media Presence as a criteria in the ranking recognizes that the way a university is depicted in the media has a direct correlation with its perceived worth and effect. Evaluating a university's media presence provides insights into its capacity to communicate effectively, engage with varied audiences, and harness media channels to boost its overall status. By introducing this criterion, the ranking acknowledges the importance of universities as active contributors to public discourse and influences in the broader society narrative.

## 3. Focus for Universities:

Universities should actively engage in creating and managing a strong and favorable media presence. This entails strategic communication planning, active contact with media sources, exploitation of digital channels, and consistent narrative about the institution's successes and beliefs. By prioritizing media presence, colleges may boost their exposure, attract talent, and contribute to a favorable and informed public perception.

## 4. Main Operational Strategy:

Making Media Presence a primary operational strategy for a university is crucial for its strategic positioning, influence, and long-term success. This strategy entails investing in communication specialists, adopting current media tools, and actively engaging in public relations activities. By prioritizing media presence, a university not only controls its story but also guarantees that its contributions and values are successfully communicated to a global audience. This proactive strategy presents the institution as a thought leader, influencer, and major contributor to societal discussions.

## *Twentieth criteria – Academic Freedom*

Academic Freedom as a Fundamental Criterion for University Ranking:

### 1. Importance for the University and its Development:

Academic freedom is the base upon which the intellectual life and innovation of a university are founded. It encompasses the freedom of scholars, researchers, and students to acquire

information, engage in critical inquiry, and communicate ideas without fear of censure or retaliation. The ability to investigate multiple ideas, challenge established norms, and pursue truth independently is crucial for establishing a dynamic and innovative academic environment. Academic freedom not only determines the character of a university but is also vital to its development as a center for pioneering research, innovation, and societal achievement.

#### 2. Inclusion in the Ranking:

The inclusion of Academic Freedom as a criteria in the ranking emphasizes that the freedom to research, critique, and communicate ideas is important to the basic function of a university. Evaluating a university's commitment to academic freedom provides insights into its dedication to fostering an environment where intellectual diversity is valued, disagreement is respected, and the pursuit of knowledge is unconstrained. By introducing this criteria, the ranking highlights that academic institutions are not merely providers of information but also custodians of the ideals that underpin intellectual research.

#### 3. Focus for Universities:

Universities should actively focus on protecting and supporting academic freedom as a cornerstone of their mission. This means adopting laws that protect the rights of academics and students to pursue their research and studies without external interference, fostering an inclusive and open-minded academic community, and actively fighting for the ideals of academic freedom. By valuing academic freedom, colleges create an environment that attracts top talent, stimulates innovation, and contributes to the progression of knowledge and societal progress.

#### 4. Main Operational Strategy:

Making Academic Freedom a primary operational strategy for a university is not only a choice; it is an obligation. This technique comprises institutionalizing laws that guarantee academic freedom, developing a culture of open speech and intellectual curiosity, and actively defending the rights of scholars and students. By valuing academic freedom, a university not only distinguishes itself as a haven of intellectual rigor but also positions itself as a defender of democratic principles and societal progress. This strategy is crucial to the institution's long-term impact and relevance.

## *Twenty-first criteria – Support of distance learning*

Support of Distance Learning as a Crucial Criteria for University Ranking:

### 1. Importance for the University and its Development:

The support of distance learning has become a vital feature in the present landscape of higher education. As technology continues to transform the way education is delivered, universities that embrace and effectively support distance learning open doors to education for a broader and more diverse student body. This is particularly essential in an era where flexibility and accessibility are important. The capacity to provide solid support for distance learning not only expands a university's reach but also promotes its agility, relevance, and overall development in the continually shifting educational landscape.

### 2. Inclusion in the Ranking:

The addition of Support for Distance Learning as a crucial criteria in the ranking recognizes the transformative impact of technology on education and the role of universities in supporting accessible learning opportunities. Evaluating a university's commitment to and efficacy in facilitating distant learning reflects its responsiveness to the changing requirements of students and the broader educational ecosystem. By incorporating this factor, the ranking underscores that institutions are not just evaluated on traditional metrics but also on their potential to harness technology for extending educational access and encouraging inclusion.

### 3. Focus for Universities:

Universities should aggressively focus on providing comprehensive support for distance learning programs. This requires investing in solid online learning platforms, ensuring faculty are equipped with the required tools and training, and providing support services suited to the special needs of distant learners. By prioritizing remote learning assistance, colleges not only address the growing need for flexible education but also contribute to a culture of innovation, adaptation, and constant development in teaching approaches.

### 4. Main Operational Strategy:

Making Support for Distance Learning a core operational strategy for a university is crucial for its long-term viability and impact. This technique comprises incorporating remote learning into the broader academic framework, developing a technical infrastructure that facilitates

smooth online education, and continuously refining the quality of online learning experiences. By promoting distant learning support, a university presents itself as a leader in the digital education landscape, recruiting a varied student body and contributing to the democratization of education. This strategy is not only an adaptation to current trends but a proactive effort to define the future of higher education.

### *Twenty-Second criteria – Innovation and creativity*

Innovation and Creativity as Cornerstones of University Excellence:

#### 1. Importance for the University and its Development:

Innovation and creativity are at the heart of a university's ability to flourish and adapt in a rapidly changing environment. These abilities promote breakthroughs in research, foster dynamic and interesting teaching approaches, and contribute to the overall advancement of knowledge. A university's commitment to developing an atmosphere that encourages innovation and creativity not only boosts its academic reputation but also positions it as a hub for cutting-edge discoveries, revolutionary ideas, and societal advancement. The success of a university is closely related to its potential to build a culture that encourages inquiry, risk-taking, and the quest for creative answers to complicated situations.

#### 2. Inclusion in the Ranking:

The inclusion of Innovation and Creativity as a main criterion in the ranking recognizes that the ability to innovate is a vital indicator of a university's relevance and effect. Evaluating a university's dedication to encouraging innovation and creativity provides insights into its potential to adapt to evolving trends, contribute to developments in numerous sectors, and educate students for a future where creative thinking is a crucial talent. By introducing this factor, the ranking highlights that universities are not only judged on their past successes but also on their capacity to affect the future through creative ideas and approaches.

#### 3. Focus for Universities:

Universities should actively focus on establishing an ecology that fosters and supports innovation and creativity. This involves developing multidisciplinary collaboration, offering resources and support for research and entrepreneurial efforts, and integrating creative thinking into the curriculum. By encouraging innovation and creativity, universities build a

culture that stimulates students, professors, and researchers to think beyond conventional bounds, pushing success not only within the institution but also in the broader societal environment.

#### 4. Main Operational Strategy:

Making Innovation and Creativity a core operational strategy for a university is crucial for its continued success and societal impact. This strategy entails investing in research and development activities, developing innovation centers, and integrating creative thinking across disciplines. By stressing innovation and creativity, a university positions itself as a leader in driving change, contributing to economic and social gains, and educating graduates to flourish in a world where adaptability and creative problem-solving are highly appreciated. This strategy is not simply about staying relevant; it's about actively molding the future.

### *Twenty-Third criteria – Sustainability and management*

Sustainability and Management: Nurturing Resilient Universities for a Sustainable Future:

#### 1. Importance for the University and its Development:

Sustainability and good management are crucial to the overall development and long-term viability of a university. As stewards of information and contributors to societal progress, universities play a key role in solving global concerns, including environmental sustainability and responsible management practices. Embracing sustainability not only links a university with broader social goals but also develops a culture of responsible resource usage, resilience, and flexibility. Effective management ensures that the institution runs efficiently, ethically, and in a manner that promotes its mission, contributing to its overall development and beneficial impact on the communities it serves.

#### 2. Inclusion in the Ranking:

The inclusion of Sustainability and Management as significant criteria in the ranking underlines the realization that universities are not just academic institutions but also influential entities with a responsibility to lead by example in sustainability and ethical management. Evaluating a university's commitment to sustainability and effective management practices provides insights into its dedication to generating a beneficial impact on the environment, society, and

its internal operations. By introducing this factor, the ranking stresses the importance of universities as role models for responsible and sustainable operations.

### 3. Focus for Universities:

Universities should actively focus on integrating sustainability into their operations and implementing good management techniques. This comprises implementing eco-friendly measures, decreasing carbon footprints, supporting ethical company practices, and ensuring financial sustainability. By prioritizing sustainability and good management, universities contribute to the worldwide effort to address environmental concerns, model responsible behaviors for their communities, and assure the longevity and resilience of the institution.

### 4. Main Operational Strategy:

Making Sustainability and Management a primary operational strategy for a university is not only a commitment to ethical principles but a strategic approach to long-term success. This technique entails incorporating sustainability concepts into campus planning, employing green technologies, and developing good governance and management structures. By prioritizing sustainability and effective management, a university not only fulfills its social responsibility but also presents itself as a resilient institution capable of weathering adversities and contributing positively to the well-being of the world and its inhabitants. This plan goes beyond compliance; it is a proactive posture toward creating a better and more sustainable future.

## *Twenty-Fourth Criteria – Academic Transparency*

### Academic Transparency: Fostering Trust and Excellence in Higher Education

#### 1. Importance for the University and its Development:

Academic openness is a cornerstone of ethical governance and institutional integrity within a university. It involves openness, transparency, and accessibility of information linked to academic programs, policies, and performance. The relevance of academic transparency in a university's success is in building confidence among stakeholders, including students, faculty, staff, and the wider community. Transparent methods not only strengthen the reputation of the institution but also contribute to a positive academic atmosphere, where information is freely available, and decision-making processes are transparent and comprehensible.

## 2. Inclusion in the Ranking:

The inclusion of Academic Transparency as a criteria in the ranking originates from the notion that transparency is vital to sustaining accountability and promoting confidence in higher education. Evaluating a university's commitment to academic openness provides insights into its adherence to ethical and open communication, establishing an atmosphere where stakeholders may make informed judgments. By introducing this criterion, the ranking stresses the value of universities not merely as centers of learning but as institutions that actively pursue transparency in their academic operations.

## 3. Focus for Universities:

Universities should actively focus on promoting academic transparency by establishing rules and practices that promote clear communication of academic information. This involves providing information about programs, admission standards, grading systems, and institutional policies publicly accessible to students and the public. By prioritizing academic transparency, universities empower stakeholders to make informed choices, establish a culture of accountability, and create an atmosphere where academic decisions are made with fairness and openness.

## 4. Main Operational Strategy:

Making Academic Transparency a primary operational strategy for an institution is vital for its long-term credibility, reputation, and beneficial influence. This technique comprises institutionalizing clear communication routes, increasing accessibility of academic material through numerous platforms, and actively seeking feedback from stakeholders. By embracing academic transparency, a university not only demonstrates its commitment to ethical procedures but also develops a basis for quality, responsibility, and confidence. This policy should be entrenched in all parts of the university's operations, from admissions to curriculum creation, to guarantee a culture of openness and accountability.

## *Twenty-Fifth criteria – Futuristic Concept of the university*

### Futuristic Concept of the University: Shaping Tomorrow's Leaders and Innovators

#### 1. Importance for the University and its Development:

The futuristic concept of the institution is necessary for managing the complexities and quick changes in the global arena. As we stand at the nexus of technological developments, societal shifts, and economic revolutions, universities must evolve to prepare students for the challenges and opportunities of the future. Embracing a futuristic notion enables a university to stay ahead of the curve, stimulate innovation, and assure its continuous relevance in a dynamic and ever-changing world. It establishes the institution's identity, guides strategic planning, and positions it as a leader in preparing the next generation of thinkers, leaders, and innovators.

#### 2. Inclusion in the Ranking:

The inclusion of the Futuristic Concept of the University as a fundamental criteria in the ranking acknowledges that the ability to imagine and implement future-oriented tactics is vital for a university's continued effect. Evaluating a university's dedication to a future concept provides insights into its capacity to adapt to evolving trends, incorporate cutting-edge technologies, and train students for occupations that may not even exist yet. By introducing this factor, the ranking underlines that institutions should not only address present needs but also actively contribute to creating the future through forward-thinking projects.

#### 3. Focus for Universities:

Universities should actively focus on developing and executing a futuristic notion that goes beyond traditional approaches to teaching. This requires embracing emerging technology, fostering multidisciplinary collaboration, and building curricula that stress abilities such as critical thinking, adaptability, and technological literacy. By stressing a futuristic notion, universities position themselves as dynamic hubs that anticipate and adapt to the developing requirements of students, industries, and society.

#### 4. Main Operational Strategy:

Making the Futuristic Concept of the University a primary operational strategy is crucial for the institution's long-term performance and impact. This strategy entails integrating foresight



into strategic planning, investing in developing technology and teaching methodologies, and actively seeking partnerships with industry and research institutes. By promoting a futuristic notion, a university not only prepares students for the jobs of the future but also contributes to society's progress by being a source of innovation, research, and thought leadership. This strategy is not about responding to change; it is about driving change and leading the way in determining what the future of education looks like.

## VIII. The Inclusion of 138 Indicators in HE Higher Education Ranking

Central to this groundbreaking approach are the 138 indicators curated to capture the essence of institutional prowess. These indicators, diverse and intricate, serve as the threads that weave together a comprehensive fabric, reflecting the dimensions of academic, cultural, and societal contributions.

### 8.1 The Essence of Comprehensive Evaluation:

In constructing a thorough evaluation framework, a purposeful divergence from typical ranking approaches becomes obvious with the inclusion of 138 indicators. This divergence is purposeful, challenging the restrictions imposed by methodologies that generally narrowly focus on a specific set of criteria. The insight implicit in this methodology is profound: the modern university is a dynamic organism, deeply linked with the fabric of society, contributing in multifarious ways that reach beyond the bounds of traditional academic outputs. These 138 indicators serve as a mosaic, revealing the subtle core of a university's impact. Ranging from tangible academic successes, such as research papers and student performance, to the intangible but equally crucial features of cultural enrichment and inclusivity, they jointly build a dynamic painting. This canvas exceeds the constraints of a one-dimensional representation, providing a holistic perspective on institutional success.

By accepting a broader spectrum of evaluation criteria, we appreciate the complicated dance universities participate in, balancing the pursuit of academic success with a commitment to building diverse and inclusive environments. This comprehensive approach reflects a recognition that the vibrancy and relevance of a modern educational institution extend far beyond its lecture halls and research facilities. It comprises the richness of student experiences, the fostering of a supportive and diverse community, and the active role a university plays in influencing the cultural and societal landscapes in which it is embedded. This expansive evaluation framework encapsulates the philosophy that a truly successful university is one that not only excels in traditional academic domains but also embraces and enhances the holistic development of individuals and communities, contributing meaningfully to the broader fabric of societal progress.

### *Reflecting the Richness of Institutional Contributions:*

Every criterion rigorously incorporated into the HE Higher Education Ranking serves as a powerful witness to the wide fabric of institutional contributions. These indicators, numbering 138 in all, dig into the vast and diversified spectrum of a university's influence, exceeding the boundaries of traditional measures. The complete review spans a broad array of variables, from quantifiable indicators such as the number of published papers and patents, which speak to the institution's scientific prowess, to more features like cultural activities, alumni participation, and inclusion measures. In analyzing the complex character of institutional contributions, the ranking methodology reflects the dynamic role that universities play in creating not only academic landscapes but also societal and global processes. Published papers and patents, while solid marks of academic achievement, reflect only a piece of the story. The liveliness of cultural events highlights the crucial role universities play in encouraging creativity, critical thinking, and cultural enrichment. Alumni involvement, another vital feature, illustrates the persistent impact of a university on the lives and careers of its alumni, providing a network that expands the reach and influence of the university. The emphasis on inclusiveness metrics demonstrates the commitment of universities to establishing environments that are not just academically demanding but also welcoming and supportive to a diverse spectrum of persons. This comprehensive approach to evaluation ensures that success is not narrowly defined or confined to traditional academic criteria but extends to the numerous ways in which universities contribute to the holistic development of individuals and society at large.

### *Capturing the Global Complexity of Higher Education:*

In navigating the difficulties of higher education in a world that increasingly transcends boundaries, the 138 carefully curated indicators within this evaluation framework offer a depiction of the global complexity inherent in academia. It reflects the fundamental transition from a localized perspective to a wider conception of universities as linked hubs of knowledge and creativity, functioning beyond the limits of national or regional boundaries. The inclusion of internationalization measurements within this comprehensive collection of indicators stands out as a tribute to the awareness that greatness in higher education is, by its very nature, a collaborative and borderless undertaking. It highlights the crucial role that universities play in creating a global perspective and breaking down geographical barriers to create an atmosphere where varied viewpoints, ideas, and skills can converge and flourish.

These internationalization measures gauge the extent to which universities are actively engaged in worldwide academic collaborations, international research projects, and the exchange of students and teachers across continents. The integration of cultural activities as an important indicator highlights the understanding that the impact of higher education extends beyond normal academic areas. Cultural activities reflect the vibrant and dynamic contributions of universities to the worldwide cultural scene, fostering creativity, understanding, and appreciation for diverse cultures. It emphasizes that universities are not just knowledge disseminators but also cultural stewards, playing a critical role in building a shared global cultural identity. The evaluation of alumni engagement on a global scale underscores the assumption that the power and impact of higher education extend much beyond graduation. The achievements and contributions of graduates worldwide become key components in judging institutional effectiveness. This feature underlines that colleges are not merely transient milestones in an individual's educational journey but lifelong contributors to personal and professional growth, with graduates actively contributing to the greater global community.

#### *Fostering a Culture of Continuous Improvement:*

The addition of 138 indicators into the evaluation system goes beyond the traditional concept of ranking, extending its reach into the domain of promoting a healthy culture of continual improvement within higher education institutions. This comprehensive set of indicators acts as a dynamic tool, encouraging institutions to participate in introspection, critically examine their performance, and anticipate paths for enhancement across a diverse range of criteria. Rather than a static assessment, this complete evaluation takes on the function of a compass, providing direction for universities in their pursuit of greatness. Each signal becomes a landmark, driving institutions toward strategic growth and innovation. It stimulates a reflective process wherein organizations can recognize not just their areas of strength but also pinpoint problems that may require attention and improvement. This emphasis on ongoing development underlines the dynamic nature of higher education, admitting that institutions are not static things but living organisms that must adapt to the ever-evolving terrain of academia. The complete evaluation framework becomes a driver for positive change, developing a mindset that values self-assessment and supports a commitment to continuing improvement. By enabling institutions to recognize and solve deficiencies while building on their strengths, the evaluation process becomes a promoter for holistic institutional

development. This approach understands that the pursuit of greatness is an iterative journey, and universities must stay nimble, responsive, and open to innovation to succeed in the complex and dynamic world of higher education.

#### *Acknowledging the Interconnectedness of Success:*

Within the complicated fabric of the HE Higher Education Ranking, each of the 138 indicators serves as more than simply a single metric; it is a critical thread intricately interwoven with others, together providing a rich and cohesive story of institutional performance. The planned interconnection of these indicators is a distinctive feature that underlines the sophisticated and holistic nature of the review process. This planned design guarantees that no individual aspect retains undue influence over the overall evaluation, ensuring a balanced and thorough portrayal of an institution's capabilities. This interconnection works as a buffer against the simplistic tendencies that can come from emphasizing one-dimensional measurements. Instead, it encourages a holistic vision of quality in higher education, recognizing that success is not confined to a single component. The multidimensional approach understands that institutions must excel across several dimensions to make a lasting and significant influence. By weaving together indicators that span many elements, from academic achievements to cultural enrichment, inclusion measures, and internationalization, the evaluation method highlights the spirit of a university's commitment to society. This holistic approach coincides with the dynamic and evolving role that higher education institutions play in the contemporary world. Success is not exclusively assessed by academic outputs but incorporates the broader range of a university's engagement with information dissemination, societal enrichment, and global interconnection. The interdependence of these indicators generates a more clear understanding of institutional strengths and areas for improvement. Institutions are driven to recognize the synergies between many parts of their operations, encouraging a culture of collaboration and holistic development. This approach encourages institutions to consider success as a group endeavor, where diverse factors harmonize to produce a pleasant and effective educational environment.

#### *Embracing Multidimensionality:*

Central to this divergence from standard ranking approaches is a genuine understanding that the spirit of a modern university defies containment within the restricted boundaries of a few individual indicators. In steering away from such constraints, the inclusion of 138 indicators

stands as a conscious and purposeful effort to embrace the multidimensionality inherent in higher education institutions. This recognition indicates an understanding that the genuine influence and success of a university stretch far beyond the limiting confines of traditional academic measures. The 138 indicators, woven into the fabric of the evaluation framework, reflect a dedication to capturing the depth and diversity that characterize the varied nature of modern universities. They go beyond the simply measurable indicators of research production and academic performance, traveling into a broad spectrum of both tangible and intangible elements that jointly contribute to the holistic story of institutional success. Beyond the simple volume of published papers and patents, these measures delve into the cultural richness of the institution, acknowledging the vital role universities play in encouraging innovation, critical thinking, and cultural enrichment. The commitment to inclusivity, another integral facet, reflects the acknowledgment that a truly successful university creates an environment where diversity is not only embraced but actively nurtured, ensuring that all individuals, regardless of background, have equitable access to educational opportunities. Each signal, therefore, becomes a brushstroke on a canvas, contributing to a rich and detailed narrative that surpasses the limitations of a one-dimensional picture of institutional achievement. The multidimensional approach allows for a more comprehensive understanding of the different ways in which universities contribute to society, shaping not only academic landscapes but also cultural, social, and global dynamics.

### *Unveiling the Dynamic Nature of Modern Universities:*

In delving into the essence of modern universities, it becomes obvious that these educational entities are not static things but rather living organisms, always adapting and evolving to satisfy the ever-changing needs of a dynamic society. The deliberate inclusion of 138 indicators within the evaluation framework is a tribute to a concentrated attempt to expose and comprehend the intrinsic dynamic nature of these institutions. It signals a shift from inflexible, one-size-fits-all approaches to ranking, emphasizing that excellence in higher education is a fluid term that demands a comprehensive knowledge of the numerous roles colleges play in contemporary society. This commitment to including a wide collection of metrics is rooted in the awareness that the impact and success of modern institutions reach well beyond the usual bounds of academia. The dynamic nature of these institutions is mirrored in their diverse roles, embracing not just the traditional features of teaching and research but also their contributions to cultural enrichment, inclusion, and larger societal effects. While conventional

metrics may encapsulate academic achievements in terms of research output and scholarly publications, the inclusion of factors such as cultural enrichment underscores the vibrant role universities play in fostering creativity, critical thinking, and a deeper understanding of diverse cultures. The emphasis on inclusion emphasizes the need to build educational environments that are accessible to persons from all walks of life, fostering a diverse and inclusive community that represents the richness of society itself. The identification of societal effects as a significant indicator reflects an understanding that modern universities are active actors in shaping and affecting the communities in which they are entrenched. This includes contributions to economic development, community engagement, and the creation of knowledgeable and socially responsible citizens.

#### *A Holistic Approach to Success:*

The incorporation of 138 indicators within the HE Higher Education Ranking represents a purposeful change toward embracing a holistic approach to defining and measuring success in higher education. This deviation from more standard ranking systems reflects an appreciation that success is not a solitary, isolated achievement but a dynamic interaction of accomplishments across many dimensions. By combining a comprehensive collection of metrics, the ranking methodology reflects the varied and interwoven nature of institutional achievement in the contemporary context of higher education. This holistic approach understands that the traditional binary view of success, frequently limited to quantifiable indicators like research excellence, falls short of capturing the genuine core of a university's effect. The interplay between many variables, ranging from research outputs to cultural effect and inclusion measurements, knits together a rich and broad narrative that defies simplistic notions of success. It underlines that a great university succeeds not only in academic domains but also in contributing to the cultural enrichment of its community and promoting an environment of inclusivity. The recognition of research quality is crucial, and the inclusion of cultural impact as a criterion widens the evaluation framework to embrace the broader societal contributions of institutions. Cultural effect denotes the role of higher education institutions in cultivating creativity, critical thinking, and a greater understanding of other cultures, adding layers to the narrative of success that reaches beyond standard academic achievements. The emphasis on inclusion acknowledges the need to provide an educational environment that is not just academically demanding but also accessible and friendly to persons from varied backgrounds. This dedication to inclusivity reflects a belief that true

success in higher education is achieved when institutions actively contribute to the development of a diverse and equitable society. The holistic approach incorporated in the HE Higher Education Ranking, with its 138 variables, challenges and expands the traditional idea of success in higher education. By evaluating the numerous elements of institutional contributions, the ranking methodology develops a more comprehensive appreciation of the myriad ways in which universities positively impact society and contribute to the holistic development of persons and communities.

## 8.2 Characterization of the 138 Indicators

### *1.1- The number of journals of the HEIs*

The Number of Journals as a Vital Indicator for University Excellence:

#### 1. Why This Indicator is Important:

The number of journals affiliated with Higher Education Institutions (HEIs) stands as a critical indicator of their intellectual production and impact on global academic debate. Journals serve as the principal vehicles for publishing research findings, encouraging information exchange, and contributing to the intellectual heritage of a university. A significant presence in respectable publications demonstrates an institution's dedication to developing knowledge and connecting with the broader academic community.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop a number of publications affiliated with their academic pursuits for various compelling reasons. Firstly, a strong journal presence increases the institution's reputation, recruiting top-tier staff and exceptional students who seek an environment conducive to effective research. Secondly, it creates the university as a hub of intellectual activity, promoting a culture that honors and supports scholarly contributions. Thirdly, creating this indication demonstrates a commitment to the expansion of knowledge, innovation, and academic excellence.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of journals in the ranking is an acknowledgment of the crucial role research dissemination plays in the academic landscape. A university's influence extends



beyond its campus, and its impact is evaluated, in part, by the range and depth of its scholarly contributions. By introducing this indicator, the ranking underlines the relevance of institutions as active providers of global knowledge and positions them based on their engagement in shaping the intellectual conversation.

#### 4. The Impact of this Indicator on the Future of the University:

The future influence of the number of journals indicator is deep, influencing the trajectory of a university in the competitive landscape of higher education. As academic collaboration becomes increasingly global, universities with a strong journal presence are set to play a vital role in determining the future of research and innovation. This indicator serves as a predictor of an institution's potential to influence and lead in developing fields, securing its place as a significant participant in the evolving academic environment.

#### 5. Added Value of this Indicator to the University:

The added benefit of a large number of publications linked with an institution is multifold. Firstly, it boosts the institution's exposure and prestige, encouraging partnerships, funding, and collaborations. Secondly, it creates a rich platform for multidisciplinary study, creating a vibrant academic climate. Thirdly, it presents the institution as a leader in contributing to the global knowledge pool, recruiting top-tier staff and students desiring to be part of a community that actively impacts the future of their particular professions.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development of the number of journals indicator is equivalent to disregarding the fundamental essence of a university's existence – the creation and dissemination of knowledge. Failure to emphasize this indication risks a deterioration in academic prestige, diminished attraction to top-tier personnel, and a reduced potential to influence global conversations. In an era where collaboration and information exchange transcend national boundaries, disregarding this indication impairs a university's potential to thrive and remain relevant in the global arena.

The number of journals affiliated with HEIs is not only a quantitative statistic; it is a testimonial to a university's commitment to expanding knowledge, promoting innovation, and actively contributing to the global academic community. As an integral component of university

rankings, this indicator underlines the vital role institutions play in determining the future of education and research.

### *1.2- The number of published papers during the last academic year*

The Number of Published Papers: A Cornerstone of Academic Impact and Excellence:

#### 1. Why This Indicator is Important:

The number of published papers stands as a vital indication, showing the tangible product of a university's research endeavors. Each published work encapsulates the conclusion of scholarly endeavors, offering new insights, approaches, and discoveries to the academic community. This indicator is essential because it quantifies the intellectual output of an institution, demonstrating its commitment to pushing the boundaries of knowledge and advancing the frontiers of numerous fields.

#### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the number of published articles as a critical performance metric for several compelling reasons. Firstly, it serves as a metric of research output, attracting top-tier academics, students, and research collaborators who want an environment conducive to effective scholarship. Secondly, a high number of published articles boosts the institution's academic status, enhancing its profile on the global arena. Thirdly, creating this indicator demonstrates a dedication to cultivating a culture of research, innovation, and academic excellence.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of published papers in the ranking highlights the crucial significance of research production in judging a university's academic impact and influence. By including this factor, the ranking emphasizes the role of universities as creators of knowledge and active participants in worldwide academic dialogue. It positions institutions based on their intellectual productivity, providing a complete assessment of their engagement in furthering knowledge across multiple domains.

#### 4. The Impact of this Indicator on the Future of the University:

The future influence of the number of published papers indicator is substantial, influencing

the destiny of a university in the shifting landscape of higher education. As research continues to drive societal progress, institutions with a rich publication record are set to play a vital role in influencing and leading in developing sectors. This indicator serves as a predictor of an institution's capacity to contribute to significant discoveries, innovations, and solutions that will define the future.

#### 5. Added Value of this Indicator to the University:

The added benefit of a high number of published papers extends beyond statistical measurements. Firstly, it increases the institution's academic prestige, recruiting collaborations, partnerships, and financing opportunities. Secondly, it supports a lively academic community by encouraging teachers and students to actively participate in the discovery of new knowledge. Thirdly, it frames the institution as a dynamic hub of intellectual activity, recruiting academics and students who wish to be part of a community that actively shapes the intellectual landscape.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development of the number of published papers indication is tantamount to neglecting the basic function of a university – the generation and dissemination of knowledge. Failure to emphasize this indication risks stagnation in academic status, lost attraction to top-tier personnel, and a reduced ability to contribute effectively to the advancement of knowledge. In an era where research production is a vital driver of global growth, disregarding this metric impedes a university's ability to thrive and remain relevant in the academic world.

The number of published papers is not only a quantitative statistic; it is a testimonial to a university's commitment to intellectual research, creativity, and scholarly impact. As a vital component of university rankings, this indicator reaffirms the essential role of universities as active contributors to the global knowledge ecosystem and underscores their power to affect the future through rigorous and influential research.

### *1.3- The number of published papers during the last 5 years*

The Number of Published Papers in the Last 5 Years: A Chronicle of Continuous Academic Impact:

#### 1. Why This Indicator is Important:

The number of published papers during the last 5 years emerges as a crucial indicator, summarizing an institution's continuous commitment to scholarly output and academic influence. This statistic provides a complete assessment of the cumulative research contributions of a university, showing the depth and breadth of its intellectual pursuits. It is crucial because it goes beyond a single snapshot, delivering a longitudinal perspective on the institution's research productivity and influence over a prolonged period.

#### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the number of published papers in the last 5 years as it serves as a testament to the institution's continued dedication to intellectual quality. Firstly, it displays a constant and permanent dedication to developing knowledge, attracting staff and students who desire an atmosphere marked by sustained academic influence. Secondly, it creates a culture of continual inquiry and invention, portraying the institution as a vibrant intellectual powerhouse. Thirdly, producing this indicator is a strategic step to strengthen the institution's reputation over the long run.

#### 3. Why We Included this Indicator in the Ranking:

The addition of the number of published articles in the last 5 years in the ranking underscores the relevance of judging a university's continuous research activity. By incorporating a longer span, the ranking emphasizes that significant research is frequently a cumulative activity. This indicator evaluates universities based not only on their immediate contributions but also on their capacity to maintain a trajectory of intellectual activity, offering a more insightful appraisal.

#### 4. The Impact of this Indicator on the Future of the University:

The future influence of the number of published papers in the last 5 years is considerable, shaping the narrative of a university in the competitive environment of higher education. As academic reputation develops over time, universities with a continuously strong publishing

record are well-positioned to be leaders in emerging fields and to seek partnerships, collaborations, and financing possibilities. This indicator acts as a predictor of an institution's persistent capacity to contribute substantially to the advancement of knowledge.

#### 5. Added Value of this Indicator to the University:

The additional benefit of a high number of published papers during the last 5 years is diverse. Firstly, it boosts the institution's global academic prestige, promoting cooperation and partnerships with other research-intensive enterprises. Secondly, it contributes to the growth of a thriving academic community by providing a firm framework for mentorship and knowledge transfer. Thirdly, it frames the university as a credible source of continued scholarly contributions, recruiting top-tier talent and students who desire to be part of an institution with a persistent commitment to greatness.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development of the number of published articles in the last 5 years is a disservice to the institution's legacy and its potential for future impact. Failure to emphasize this indication risks a deterioration in academic reputation, diminished attraction to top-tier personnel, and a missed opportunity to contribute meaningfully to the progress of knowledge. In an era where research impact is a vital driver of global advancement, disregarding this measure impedes a university's ability to thrive as a vibrant center of intellectual inquiry.

The number of published papers in the last 5 years is not merely a numerical representation; it is a narrative reflecting a university's persistent dedication to intellectual achievement. As a vital aspect of university rankings, this indicator underlines the ongoing significance of institutions on the global academic scene and honors their capacity to create the future through continual and impactful research contributions.

*1.4- The number of results of the domain of the HEI on Google Scholar - Go to <https://scholar.google.com> and write the domain of your university (example.edu). On the upper left of the screen, there is a message saying: About ??????? results (0.06 sec). This number is:*

The Number of Google Scholar Results for a University's Domain: A Digital Chronicle of Academic Impact:

#### 1. Why This Indicator is Important:

The number of Google Scholar results for a university's domain has become a key measure in the digital age, demonstrating the institution's online intellectual presence and effect. In an era where information is readily accessible and digital visibility is crucial, this metric serves as a testament to the breadth and influence of a university's scholarly achievements. It is crucial because it provides a snapshot of the institution's footprint in the digital academic landscape, proving its prominence and relevance in the online domain.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop their presence on Google Scholar as it has become a vital platform for spreading academic research and assessing scholarly impact. Firstly, it boosts the exposure of the institution's scholarly production, garnering attention from scholars, students, and collaborators around the world. Secondly, a significant digital presence on Google Scholar contributes to the institution's academic standing, identifying it as a hub for exceptional research. Thirdly, constructing this indicator coincides with the modern trend of embracing digital channels for academic involvement and outreach.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of Google Scholar results in the ranking reflects the digital change of academia and the value of online visibility. By evaluating this indicator, the ranking acknowledges colleges that actively contribute to the global intellectual conversation and have a major digital influence. This inclusion positions universities based not only on their traditional academic status but also on their capacity to communicate with a wider audience through digital platforms.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of the amount of Google Scholar results is expected to be increasingly substantial as the digital landscape continues to grow. Institutions with a large online presence are likely to be leaders in shaping the future of academic communication, collaboration, and knowledge dissemination. This indicator acts as a predictor of a university's adaptability to emerging digital trends and its capacity to affect the direction of scholarly communication in the years to come.

#### 5. Added Value of this Indicator to the University:

The added value of a high number of Google Scholar results resides in the institution's capacity to reach a worldwide audience and contribute to a broader intellectual debate. Firstly, it promotes the institution's prestige by showing the richness and range of its scholarly production. Secondly, it fosters worldwide cooperation, attracting researchers and students who actively connect with the university's digital presence. Thirdly, it promotes the university as a forward-thinking institution that acknowledges the need for an internet presence in an increasingly interconnected academic environment.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the creation of a strong Google Scholar presence is equivalent to disregarding the digital dimension of academic impact. In an age where information is accessed internationally and digital visibility is a significant determinant of influence, institutions cannot afford to disregard this signal. Failure to emphasize a solid digital presence risks lower visibility missed cooperation possibilities, and a reduced ability to actively contribute to the global academic community.

The number of Google Scholar results for a university's domain is not merely a metric; it is a representation of an institution's digital influence and engagement in the global academic conversation. As a vital aspect of university rankings, this indicator underlines the necessity of colleges embracing the digital age and actively contributing to the shifting environment of scholarly communication.

#### *1.5- The number of winners of local, regional, or international awards at the university*

The Number of Award Winners at a University: Celebrating Excellence and Innovation in Academic Achievement:

##### 1. Why This Indicator is Important:

The number of winners of local, regional, or international awards at a university is a critical indication that honors and acknowledges the institution's commitment to excellence, innovation, and academic performance. It is significant because prizes reflect external recognition of the quality of education, research, and contributions to society. Recognition on

local, regional, or international forums illustrates the university's impact beyond its immediate community, contributing to its overall reputation and respect.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively promote a culture that fosters achievement and creativity, leading to the recognition of individuals on numerous award platforms. Firstly, it draws top-tier talent, both students and professors, who are attracted by the potential of being part of an institution with a track record of award-winning success. Secondly, developing prize winners boosts the institution's position in academic and professional sectors, promoting collaborations and partnerships. Thirdly, the development of this indicator demonstrates the commitment to developing talent and contributing to developments in numerous disciplines.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of award winners in the ranking underlines the importance of recognizing and celebrating extraordinary achievements within the academic community. By evaluating this indicator, the ranking underlines the university's importance as a nexus of talent and innovation. It positions universities based not only on traditional academic metrics but also on their capacity to establish an atmosphere that promotes individuals who make major contributions and are appreciated on a larger platform.

#### 4. The Impact of this Indicator on the Future of the University:

The future significance of having a high number of award winners is varied. Firstly, it promotes the university as a leader in talent development, recruiting ambitious students and staff who wish to be part of an atmosphere that cultivates greatness. Secondly, it increases the institution's links with industry and research partners, promoting collaborative projects and developments. Thirdly, the recognition received by award winners contributes to the university's overall brand, affecting future enrollment, research opportunities, and philanthropic funding.

#### 5. Added Value of this Indicator to the University:

The added value of a high number of award winners extends beyond quantitative measurements. Firstly, it enhances the university's prestige, contributing to a positive public perception and boosting its standing in academic and professional circles. Secondly, it



develops a culture of excellence, recruiting individuals who are determined to achieve and contribute to the institution's goals. Thirdly, it adds a qualitative dimension to the university's profile, displaying the tangible influence of its educational and research initiatives on individuals and society.

### *1.6. Why Universities Should Never Neglect this Indicator:*

Neglecting the cultivation of award winners is a squandered opportunity for a university to exhibit its effect and contributions to academic and societal advancements. Failure to prioritize this signal risks stagnation in the institution's ability to attract top personnel, develop important collaborations, and influence different sectors. In a competitive academic setting, missing this signal risks overlooking a clear measure of the institution's potential to encourage quality and innovation.

The number of award winners at a university is not just a statistic; it is a testament to the institution's commitment to developing talent and creating important contributions to society. As a vital aspect of university rankings, this indicator underlines the importance of recognizing and honoring remarkable achievements, contributing to the broader story of the university's influence on individuals and the globe.

1.6- The total number of patents granted (national and international).

The Total Number of Granted Patents: Fueling Innovation and Securing the Future of Universities:

#### 1. Why This Indicator is Important:

The total number of granted patents, both at the national and international levels, stands as a vital indicator emphasizing a university's prowess in invention and its impact on advancing technology and knowledge. Patents are visible evidence of an institution's ability to transfer research into practical applications, supporting economic growth, and contributing to societal progress. This statistic is crucial because it reflects the university's function as a promoter for innovation, fostering good change in numerous businesses and areas.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop the total number of granted patents as it serves as a

testament to their dedication to research excellence and technology transfer. Firstly, it attracts top-tier teachers and students who are drawn to an environment that prioritizes innovation and the practical application of knowledge. Secondly, establishing a broad portfolio of patents increases the institution's reputation, encouraging corporate partnerships, research collaborations, and financing opportunities. Thirdly, it positions the institution as a crucial partner in driving economic development through the commercialization of new ideas.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the total number of granted patents in the ranking highlights the transformative role colleges play in contributing to innovation and economic development. By examining this indicator, the ranking acknowledges institutions that actively contribute to the knowledge economy and have a measurable impact on industrial practices. It positions colleges based not only on their academic reputation but also on their ability to produce practical ideas with real-world applications.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of owning a substantial number of issued patents is profound and far-reaching. Firstly, it promotes the university as a leader in technology and innovation, inviting research alliances and collaborations with industry leaders. Secondly, the patents contribute to the university's intellectual property portfolio, potentially earning revenue through licensing agreements and spin-off enterprises. Thirdly, the future influence extends to the larger economy, as innovations coming from the university's research have the ability to shape industries, create jobs, and drive economic growth.

### 5. Added Value of this Indicator to the University:

The added benefit of a high number of awarded patents extends beyond academic reputation. Firstly, it increases the university's global standing as an institution at the forefront of innovation. Secondly, it attracts funding and investment opportunities from government agencies, business partners, and philanthropic groups. Thirdly, it creates a culture of entrepreneurship and industry interaction among students and professors, producing a dynamic atmosphere that nurtures new thinking and collaborative research.

## 6. Why Universities Should Never Neglect this Indicator:

Neglecting the cultivation of a solid portfolio of granted patents is a squandered opportunity for a university to maximize its impact on society and the economy. Failure to prioritize this indicator risks underutilizing the potential of research outputs to generate technical developments, hamper industry relationships, and limit the institution's ability to contribute effectively to economic development. In an era where innovation is a fundamental driver of growth, disregarding this indication is a disservice to the university's power to impact the future.

The total number of issued patents is not only a numerical indicator; it is a representation of a university's dedication to fostering innovation and making concrete contributions to the world. As a vital aspect of university rankings, this indicator underlines the transformative role colleges play in developing businesses, supporting economic development, and securing a future distinguished by technical developments and societal improvement.

### *1.7- The total number of patents published by the United States Patent and Trademark Office USPTO under the umbrella of the university.*

The Total Number of Patents Published by the USPTO: Pioneering Innovation and Cementing University Impact:

#### 1. Why This Indicator is Important:

The total number of patents published by the United States Patent and Trademark Office (USPTO) under the jurisdiction of the university acts as a crucial indicator, emphasizing the institution's creativity and technological accomplishments. Patents registered with the USPTO are a tribute to the university's capacity to translate cutting-edge research into practical solutions with real-world applications. This statistic is essential since it demonstrates the university's function as a driver of innovation, contributing to economic development and influencing industries.

#### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the total number of patents published by the USPTO to demonstrate their dedication to transforming research into real outputs. Firstly, it attracts top-tier staff and students who are drawn to universities fostering a culture of innovation and

entrepreneurship. Secondly, a significant presence in the USPTO registration boosts the university's prestige, recruiting industrial partnerships, venture capital, and government financing. Thirdly, constructing this indicator coincides with the modern trend of universities actively participating in the knowledge economy.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the total number of patents published by the USPTO in the ranking highlights the impact of universities on technological breakthroughs and industrial practices. By evaluating this indicator, the ranking acknowledges institutions that actively contribute to the innovation ecosystem and have a tangible influence on economic development. It positions institutions based not only on their academic reputation but also on their capacity to develop patents that impact companies and contribute to the broader knowledge economy.

### 4. The Impact of this Indicator on the Future of the University:

The future significance of having a considerable number of patents published by the USPTO is complex. Firstly, it promotes the university as a pioneer in technical innovation, inviting industrial collaborations and partnerships. Secondly, the patents contribute to the institution's intellectual property portfolio, possibly earning revenue through licensing agreements and spin-off enterprises. Thirdly, the future influence extends to the workforce, as discoveries arising from the university's research have the potential to produce new industries, jobs, and economic growth.

### 5. Added Value of this Indicator to the University:

The added benefit of a high number of patents published by the USPTO goes beyond numerical representation. Firstly, it increases the university's global standing as an institution pushing innovation in numerous sectors. Secondly, it draws external financing, investment, and industry collaborations, generating a dynamic atmosphere for cutting-edge research. Thirdly, it encourages a culture of entrepreneurship and industry interaction among students and professors, producing a lively ecosystem that actively contributes to the innovation landscape.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the cultivation of a profound portfolio of patents published by the USPTO is a squandered opportunity for a university to increase its impact on technology and innovation.

Failure to prioritize this indicator risks underutilizing the potential of research outputs to fuel economic growth, inhibit industrial relationships, and limit the institution's ability to actively contribute to technological advancements. In an era where innovation is a crucial driver of growth, disregarding this signal is a disservice to the university's power to impact the future of industry and society.

The total number of patents published by the USPTO is not merely a numerical indicator; it is a tribute to a university's commitment to pioneering innovation and making concrete contributions to the technical world. As a vital aspect of university rankings, this indicator underlines the transformative role colleges play in developing businesses, supporting economic development, and securing a future distinguished by technical developments and societal improvement.

### *1.8- Total number of Intellectual Property Rights (IPRs) other than patents/copyrights (including original writings).*

The Total Number of Intellectual Property Rights (IPRs) Beyond Patents and Copyrights: A Fabric of Innovation and Creative Impact:

#### 1. Why This Indicator is Important:

The overall number of Intellectual Property Rights (IPRs) beyond patents and copyrights emerges as a significant indicator, presenting a holistic assessment of a university's creative and inventive achievements. IPRs comprise a vast array of intellectual achievements, including trademarks, trade secrets, and creative writings. This statistic is crucial since it represents the diverse nature of a university's intellectual achievements, stretching beyond traditional measurements to embrace a broader spectrum of creativity and invention.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop the overall number of IPRs beyond patents and copyrights to reflect the institution's full impact on knowledge development and innovation. Firstly, it draws diverse people, including innovative thinkers and entrepreneurs who value an environment that encouraging a wide range of intellectual activity. Secondly, a rich fabric of IPRs strengthens the university's reputation, not only in academics but also among industrial partners, investors, and collaborators seeking a broad spectrum of innovation. Thirdly,

constructing this indicator accords with the expanding landscape of intellectual contributions, recognizing the relevance of varied forms of creativity.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the total number of IPRs beyond patents and copyrights in the ranking underlines the role of universities as dynamic hubs of invention and innovation. By evaluating this indicator, the ranking acknowledges institutions that actively contribute to numerous sectors of intellectual property. It positions universities based not just on traditional criteria but also on their ability to develop a varied variety of intellectual outputs, demonstrating a holistic influence on the knowledge ecosystem.

### 4. The Impact of this Indicator on the Future of the University:

The future consequence of having a considerable number of IPRs beyond patents and copyrights is deep and predicts the shifting landscape of innovation. Firstly, it promotes the university as a leader in creative contributions, attracting collaborations and partnerships that span numerous industries. Secondly, the IPRs contribute to the institution's intellectual property portfolio, providing a framework for future collaborations, licensing agreements, and commercialization prospects. Thirdly, the future influence extends to socioeconomic and cultural domains, since universities play a major role in establishing the narrative of innovation and creative expression.

### 5. Added Value of this Indicator to the University:

The added benefit of a high number of IPRs beyond patents and copyrights extends beyond quantitative measurements. Firstly, it strengthens the university's global standing as an institution at the forefront of different academic activities. Secondly, it draws a broad spectrum of collaborators, investors, and industrial partners who value the institution's varied influence on knowledge development. Thirdly, it encourages a culture of creativity and invention among students and professors, producing an atmosphere that actively contributes to the growing landscape of intellectual property.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development of a rich portfolio of IPRs beyond patents and copyrights is a missed chance for a university to display its wide impact on creativity and innovation. Failure

to emphasize this indication risks disregarding the breadth of intellectual contributions, restricting the institution's capacity to recruit talent, industry collaborations, and investments across many fields. In a setting where innovation takes numerous forms, disregarding this indication is a disservice to the university's power to affect the future of creativity and knowledge creation.

The overall amount of Intellectual Property Rights beyond patents and copyrights is an indication of a university's dedication to promoting a broad and effective intellectual environment. As a vital aspect of university rankings, this indicator underlines the transformative role colleges play in influencing sectors, promoting cultural expression, and contributing to a future distinguished by a broad spectrum of creativity and innovation.

### *1.9- The number of books and periodicals available at the library/libraries of the University for every 1000 Students.*

The Number of Books and Periodicals per 1000 Students: Building a Knowledge-Rich Environment for Academic Excellence:

#### 1. Why This Indicator is Important:

The quantity of books and periodicals available in the library per 1000 students is a critical metric reflecting the depth and range of academic resources within a university. This factor is essential because it closely connects with the quality of education and the richness of the learning environment. A well-stocked library symbolizes a commitment to academic success, research, and the overall development of students by providing them with access to a varied array of knowledge.

#### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the indicator of books and periodicals per 1000 students as it is crucial to the institution's basic objective of supporting learning and research. Firstly, it boosts the attractiveness of the university to potential students and faculty, suggesting a commitment to creating a profound academic environment. Secondly, a well-developed library matches the university's reputation, attracting scholars and researchers who value full access to intellectual literature. Thirdly, fostering this signal affirms the institution's role as a custodian of information and a contributor to intellectual progress.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of books and periodicals per 1000 students in the ranking acknowledges the relevance of a well-equipped library as a fundamental indicator of academic quality. By incorporating this indicator, the ranking stresses the necessity of fostering an environment conducive to learning and research. It positions colleges based not only on standard indicator but also on their dedication to offering students a comprehensive array of resources that enrich their academic careers.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a considerable quantity of books and journals per 1000 students is far-reaching. Firstly, it promotes the university as a leader in intellectual resources, attracting students and faculty who desire a knowledge-rich environment. Secondly, it contributes to the institution's long-term reputation, promoting a culture of continual learning and research. Thirdly, the future influence extends beyond the university, since the information and skills obtained by students contribute to societal progress and economic development.

### 5. Added Value of this Indicator to the University:

The extra benefit of a high quantity of books and periodicals per 1000 students extends beyond basic quantitative measures. Firstly, it strengthens the university's standing as an intellectual institution invested in the overall development of its community. Secondly, it invites research collaborations, partnerships, and funding opportunities, as a well-resourced library is indicative of a commitment to intellectual endeavors. Thirdly, it contributes to a positive student experience, providing an environment where learning continues beyond the classroom and encourages a desire for lifelong learning.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the creation of a well-stocked library with a large number of books and periodicals per 1000 students is a squandered chance for a university to provide an optimal learning environment. Failure to prioritize this indication risks impeding students' access to different academic resources, reducing their capacity to explore other subjects and engage in significant study. In an age where information is vital, disregarding this signal is a disservice to the university's aim of cultivating well-rounded, intellectually curious individuals.



The quantity of books and periodicals per 1000 students is not merely a numerical indicator; it is a sign of a university's dedication to offering a rich, diverse, and inclusive learning environment. As a vital aspect of university rankings, this indicator underlines the transformative role colleges play in influencing the intellectual growth of students and contributing to a future distinguished by knowledgeable, empowered individuals.

### *1.10- The number of research centers affiliated with the university.*

The Number of Research Centers Affiliated with the University: Fostering Innovation, Collaboration, and Academic Excellence:

#### 1. Why This Indicator is Important:

The number of research centers affiliated with the university is a critical statistic that speaks to the institution's dedication to furthering knowledge, promoting innovation, and generating significant research. Research centers function as hubs of intellectual activity, bringing together scholars, students, and specialists to investigate cutting-edge ideas, address challenging challenges, and contribute to the advancement of academic and practical knowledge. This indicator is essential as it represents the depth of a university's research ecosystem and its ability to engage in meaningful and sustained intellectual activity.

#### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the indication of the number of research centers as it demonstrates the institution's desire to create an atmosphere favorable to high-impact research. Firstly, research centers attract top-tier teachers and researchers, drawn to universities that provide the infrastructure and support necessary for pioneering research. Secondly, these centers enable interdisciplinary collaboration, allowing researchers to solve complicated topics that transcend traditional academic boundaries. Thirdly, developing this indicator increases the university's reputation, demonstrating to the academic community and industrial partners that it is a prominent contributor to advancing knowledge and tackling societal concerns.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of research centers affiliated with the university in the ranking

emphasizes the essential role these institutes play in developing the institution's academic landscape. By including this factor, the ranking stresses the importance of fostering a research-rich atmosphere and rates universities based not only on traditional academic measures but also on their ability to generate and sustain dynamic hubs of intellectual activity. It acknowledges that research centers contribute significantly to the overall academic excellence and impact of a university.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a considerable number of research centers is profound. Firstly, it promotes the university as a leader in research and innovation, attracting collaborations and partnerships with business, government, and other academic institutions. Secondly, these centers contribute to the development of new solutions, technologies, and approaches that can shape industries and impact legislation. Thirdly, the future influence extends to the academic community, as research centers become focal places for attracting brilliant scholars, gaining financing, and promoting improvements in numerous sectors.

#### 5. Added Value of this Indicator to the University:

The increased benefit of a high number of research institutes goes beyond numerical representation. Firstly, it increases the university's global standing as a center for cutting-edge research and innovation. Secondly, it attracts external funding and investment opportunities, as research centers are generally considered engines of economic and societal progress. Thirdly, it develops a culture of research excellence, establishing a dynamic atmosphere that encourages teachers and students to engage in significant and effective intellectual pursuits.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the building of a profound network of research centers is a missed opportunity for a university to position itself as a vital actor in advancing knowledge and addressing real-world concerns. Failure to emphasize this indication risks limiting the institution's ability to attract top-tier academics, receive competitive research funding, and contribute effectively to social and economic progress. In an era where innovation and research are vital to academic achievement, disregarding this indication is a disservice to the university's aim of pushing the boundaries of knowledge and contributing to the improvement of society.

The number of research centers affiliated with the university is not only a statistical indicator; it is a reflection of the institution's dedication to research excellence, innovation, and societal impact. As a vital aspect of university rankings, this indicator underlines the transformative role institutions play in expanding knowledge, promoting collaboration, and molding the future through meaningful and impactful research.

### *1.11- The number of international conferences held by the university in the last academic year.*

The Number of International Conferences Held by the University: A Global Showcase of Academic Excellence and Collaboration:

#### 1. Why This Indicator is Important:

The number of international conferences organized by the university stands as an important indicator, showing the institution's global reach, academic prowess, and commitment to encouraging international collaboration. These conferences serve as platforms for the exchange of ideas, knowledge dissemination, and networking among scholars, researchers, and professionals from varied cultural and academic backgrounds. This factor is crucial as it symbolizes the university's ability to contribute to the global intellectual conversation and engage in relevant international relationships.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop the indicator of the number of international conferences as it coincides with the evolving nature of academia and research. Firstly, organizing international conferences attracts attention and involvement from renowned scholars and researchers worldwide, building a reputation for academic excellence. Secondly, these conferences give the opportunity for staff and students to display their research on an international stage, improving the institution's global profile. Thirdly, creating this indicator demonstrates a commitment to fostering a cosmopolitan academic atmosphere that encourages multiple ideas and cross-cultural collaboration.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of international conferences organized by the university in the ranking reflects the institution's active participation in contributing to the global academic

community. By evaluating this indicator, the ranking rewards universities that actively foster international discourse, collaboration, and knowledge sharing. It positions institutions based not just on their academic output but also on their ability to allow cross-border academic engagement, which is rapidly becoming important to the progress of knowledge and the preparation of students for a globalized world.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of holding a large number of international conferences is important. Firstly, it promotes the university as a global leader in intellectual discourse, generating international partnerships, collaborations, and joint research endeavors. Secondly, the visibility received from holding these conferences contributes to the institution's capacity to attract top-tier staff, researchers, and students. Thirdly, the future influence extends to the internationalization of the university's programs, establishing a varied and inclusive learning environment that prepares students for global challenges and possibilities.

#### 5. Added Value of this Indicator to the University:

The added value of hosting a high number of international conferences is complex. Firstly, it boosts the university's global prestige, gaining attention from scholars, institutions, and companies around the world. Secondly, it creates chances for networking and collaboration, building alliances that can lead to joint research projects, funding opportunities, and information exchange. Thirdly, it enriches the academic experience for students by exposing them to a global viewpoint and giving chances for international collaboration and exposure.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the creation of a broad portfolio of international conferences is a missed chance for a university to portray itself as a prominent player in the global academic sphere. Failure to prioritize this metric risks restricting the institution's international visibility, impeding possible collaborations, and missing out on the rich benefits of cross-cultural intellectual exchange. In an era where connectivity and collaboration transcend geographical boundaries, disregarding this indication is a disservice to the university's aim of encouraging global understanding and contributing to the progress of knowledge on a worldwide scale.

The number of international conferences organized by the university is not merely a numerical

metric; it is a tribute to the institution's dedication to global academic engagement, collaboration, and the promotion of knowledge that transcends borders. As a vital aspect of university rankings, this indicator underlines the transformative role colleges play in influencing the global discourse and contributing to a future distinguished by international collaboration and understanding.

### *1.12- The number of co-editorships in international journals.*

The Number of Co-Editorships in International Journals: A Symphony of Global Academic Leadership and Collaboration:

#### 1. Why This Indicator is Important:

The number of co-editorships in international journals emerges as an important indication, indicating the university's importance and leadership in creating global academic debate. Co-editorships reflect active engagement in directing the direction of scholarly discourse, adding to the quality and influence of international publications. This statistic is crucial as it demonstrates the depth of a university's intellectual output on a worldwide scale, showing its impact in crafting the academic narrative.

#### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the indication of the number of co-editorships in international journals as it demonstrates their dedication to developing knowledge at a global level. Firstly, having faculty members in co-editorial responsibilities increases the university's prestige, signaling knowledge and leadership in relevant subjects. Secondly, it facilitates global connections, as faculty engagement in international journal leadership positions generally entails interacting with scholars from varied backgrounds. Thirdly, developing this indicator exposes the university as a vital actor in fostering high-impact research and scholarly output.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of co-editorships in foreign journals in the ranking acknowledges the university's contribution to building international academic narratives. By evaluating this indicator, the ranking acknowledges institutions that actively contribute to the editorial landscape of important publications, adding a layer of impact and leadership to their academic image. It sees universities not simply as producers of research but as contributors to the

curation and direction of global knowledge.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a considerable number of co-editorships in international journals is profound. Firstly, it promotes the university as a global academic influencer, attracting collaborations, partnerships, and exchanges with premier institutions and researchers. Secondly, faculty members in co-editorial responsibilities contribute to the worldwide research ecosystem, creating a ripple effect that shapes future scholarly trends and breakthroughs. Thirdly, the future impact extends to the internationalization of the university, drawing varied talent, and developing a worldwide academic community.

#### 5. Added Value of this Indicator to the University:

The added value of a high number of co-editorships in international publications extends beyond intellectual recognition. Firstly, it boosts the university's global profile, making it an appealing destination for students, teachers, and researchers seeking a dynamic academic environment. Secondly, it stimulates worldwide cooperation, generating potential for cooperative research, projects, and funding initiatives. Thirdly, it adds a layer of prestige to the university's research output, reflecting not only the quantity but also the influence and leadership in worldwide academic discourses.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the creation of faculty co-editorships in international journals is a squandered chance for a university to solidify its status as a global academic leader. Failure to prioritize this indication risks restricting the institution's impact in shaping worldwide scholarly discussions, impeding possible collaborations, and missing out on the prestige associated with editorial leadership. In an era where academic effect goes beyond borders, disregarding this indication is a disservice to the university's aim of contributing to global knowledge and research excellence.

The number of co-editorships in international journals is a qualitative assessment of a university's global academic leadership. As a vital aspect of university rankings, this indicator underlines the transformative role institutions play in shaping the direction of worldwide academic discourses and contributing to a future distinguished by collaborative, impactful,

and globally resonant research.

### *1.13- The total number of staff in joint research projects.*

The Total Number of Staff in Joint Research Projects: A Collaborative Fabric of Academic Excellence and Innovation:

#### 1. Why This Indicator is Important:

The total number of workers involved in cooperative research projects is a critical statistic, demonstrating the collaborative spirit and knowledge exchange that characterize the current academic scene. This indicator is crucial as it indicates the amount of a university's involvement in collaborative research activities, displaying its commitment to interdisciplinary study, innovation, and the progress of knowledge through collective effort.

#### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the indication of the total number of workers in joint research projects as it coincides with the evolving nature of research and academia. Firstly, collaborative research provides a venue for the interchange of ideas and approaches, improving the research environment within the university. Secondly, it draws external financing and partnerships, as collaborative projects frequently gain more attention and support. Thirdly, developing this indicator indicates a commitment to addressing difficult situations that often require different experiences and perspectives.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the total number of workers in joint research projects in the ranking underscores the importance of collaborative research in influencing the academic environment. By evaluating this indicator, the ranking acknowledges universities that actively support multidisciplinary collaboration, stressing the institution's commitment to the collective pursuit of knowledge. It positions universities based not only on individual research outputs but also on their role in building a collaborative and dynamic research environment.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a considerable number of people in cooperative research projects is profound. Firstly, it portrays the university as a hub for collaborative innovation, drawing

external partnerships, industry collaborations, and financing opportunities. Secondly, the collaborative abilities produced in joint research projects contribute to the overall academic atmosphere, preparing students and staff for future issues that necessitate interdisciplinary approaches. Thirdly, the future impact extends to the institution's global reputation, as joint research typically results in articles, patents, and solutions that influence industries and societies globally.

#### 5. Added Value of this Indicator to the University:

The increased benefit of a high number of people in cooperative research projects extends beyond numerical representation. Firstly, it increases the university's status as a research-intensive institution, recruiting top-tier staff and researchers interested in collaborative opportunities. Secondly, it contributes to a dynamic and inclusive research culture, enabling an environment where varied viewpoints and expertise combine to address complex challenges. Thirdly, it frames the institution as a promoter for innovation, with collaborative initiatives sometimes leading to discoveries and advancements.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the establishment of collaborative research efforts is a squandered chance for a university to portray itself as a leader in interdisciplinary exploration and innovation. Failure to prioritize this indication risks reducing the institution's potential to attract top people, acquire external funding, and contribute effectively to solving real-world challenges. In an era where difficult challenges require collaborative solutions, disregarding this indication is a disservice to the university's objective of advancing knowledge and making a beneficial influence on society.

The overall number of staff in joint research projects is not merely a statistical indicator; it is a representation of a university's dedication to collaborative, impactful, and innovative research. As a vital aspect of university rankings, this indicator underlines the transformative role universities play in developing a culture of information exchange, multidisciplinary collaboration, and collaborative exploration that determines the future of academia and society.



### *1.14- The number of researchers at the university.*

The Number of Researchers at the University: Promoters of Innovation, Scholarship, and Academic Excellence:

#### 1. Why This Indicator is Important:

The number of researchers at the university is a core statistic that acts as a barometer for the institution's research capacity, intellectual vigor, and commitment to furthering knowledge. This indicator is of essential importance as it represents the depth and breadth of the university's engagement in intellectual activities, innovation, and the pursuit of new discoveries across multiple fields.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop the indicator of the number of researchers as it is a tribute to their dedication to scholarly quality and research-led education. Firstly, a higher number of researchers suggests an imposing research environment, attracting top-tier teachers, postdoctoral researchers, and graduate students seeking a lively academic climate. Secondly, it encourages a culture of inquiry and discovery, giving the intellectual framework for addressing complex challenges and contributing to the advancement of knowledge. Thirdly, creating this indicator conveys to external partners, funding agencies, and potential students that the university is a focus for cutting-edge research.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of researchers at the university in the ranking emphasizes the crucial role researchers play in defining the academic environment. By evaluating this indicator, the ranking rewards colleges that actively invest in developing a durable research community. It positions institutions based not just on the amount but also the quality and impact of their research output, stressing the institution's contribution to the worldwide academic debate.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a considerable number of researchers is far-reaching. Firstly, it promotes the university as a research powerhouse, encouraging external collaborations, partnerships, and financing opportunities. Secondly, a durable research community

contributes to the development of novel solutions, technologies, and methodologies that can shape industries and society. Thirdly, the future influence extends to the academic community, as a healthy research environment attracts top personnel, resulting in a continual cycle of quality and impact.

#### 5. Added Value of this Indicator to the University:

The increased benefit of a high number of researchers extends beyond numerical representation. Firstly, it boosts the university's reputation as a center for cutting-edge research, drawing students, teachers, and partners from around the world. Secondly, a big and diversified research community stimulates multidisciplinary collaboration, creating chances for researchers to address challenging challenges that transcend traditional academic boundaries. Thirdly, it contributes to the creation of a lively academic ecosystem, enriching the learning experience for students and giving mentorship possibilities.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the creation of a community of researchers is a squandered chance for a university to position itself as a leader in the generation of new knowledge. Failure to emphasize this indication risks limiting the institution's ability to attract top-tier professors, get competitive research funding, and contribute effectively to social and economic progress. In an era where research and innovation are vital to academic success, disregarding this indication is a disservice to the university's aim of pushing the boundaries of knowledge and making a good effect on the world.

The number of researchers at the university is not only a statistical indicator; it is a reflection of the institution's dedication to research-led education, intellectual achievement, and innovation. As a vital aspect of university rankings, this indicator underlines the transformative role institutions play in promoting a culture of research, discovery, and constant advancement that contributes to the betterment of society.

#### *1.15- The number of original books authored by the university academic staff, or publishing houses affiliated or connected with the university.*

The Number of Original Books Authored by University Academic Staff: A Literary Fabric of Academic Impact and Intellectual Legacy:

#### 1. Why This Indicator is Important:

The number of unique publications authored by university academic staff stands as a vital indicator, serving as a witness to the intellectual capability, academic influence, and information dissemination skills of the institution. This indicator is essential as it represents the depth of intellectual contributions, the diversity of academic interests, and the impact of the university's professors on shaping and furthering knowledge in numerous domains.

#### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the indication of the number of original books published by academic staff as it coincides with their aim of creating, distributing, and preserving knowledge. Firstly, it demonstrates the institution's dedication to creating a culture of scholarly writing and intellectual curiosity. Secondly, it contributes to the recognition and visibility of faculty members, attracting students and collaborators interested in connecting with specialists who actively contribute to the academic canon. Thirdly, developing this indicator promotes the university as a magnet for unique thought and intellectual creativity.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of original books produced by university academic staff in the ranking underscores the enormous impact that faculty contributions to literature have on the academic community and beyond. By evaluating this indicator, the ranking acknowledges colleges that actively foster and develop a culture of intellectual writing. It positions universities based not only on research productivity but also on their role in producing enduring works that affect intellectual discourse and contribute to the global body of knowledge.

#### 4. The Impact of this Indicator on the Future of the University:

The future influence of having a considerable number of original works published by academic staff is enduring. Firstly, it adds to the university's intellectual heritage, molding the story of the institution for years to come. Secondly, it attracts top-tier staff and students interested in being part of an academic community that actively contributes to the creation of knowledge. Thirdly, the future impact extends to the institution's influence on academic and public debate, as works produced by faculty members continue to be mentioned, referenced, and

appreciated.

#### 5. Added Value of this Indicator to the University:

The additional benefit of a high number of original works published by academic staff is complex. Firstly, it increases the university's prestige, signaling to the academic community and the public that the university is a vital actor in the production of new ideas and perspectives. Secondly, it adds to the enrichment of academic programs, since faculty-authored books become important resources for students. Thirdly, it creates a culture of continual learning and knowledge production, fostering an environment where faculty members are encouraged to contribute significantly to their particular professions.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development of a substantial portfolio of original books published by academic staff is a squandered opportunity for a university to strengthen its status as a hub for intellectual research and scholarly impact. Failure to emphasize this indication risks restricting the institution's influence on academic and societal discussions, hurting the potential to attract faculty members and students seeking a dynamic intellectual atmosphere. In an era where the written word remains a potent medium for molding ideas and discourse, disregarding this indicator is a disservice to the university's role of promoting knowledge and contributing to the cultural and intellectual fabric of society.

The number of original books authored by university academic staff is not just a quantitative measure; it is a qualitative reflection of the institution's commitment to intellectual exploration, knowledge creation, and the enduring impact of its faculty on the broader academic landscape. As a vital aspect of university rankings, this indicator underlines the transformative role institutions play in defining intellectual narratives, contributing to the global debate, and leaving a permanent impact on the world of ideas.

### *2.1- The ratio of international faculty members/total faculty members*

The Ratio of International Faculty Members to Total Faculty Members: Fostering Global Perspectives in Academic Excellence

#### 1. Why This Indicator is Important:

The ratio of international faculty members to total faculty members is a critical metric that

represents the cultural diversity, global outlook, and cross-cultural exchange within an academic institution. This ratio is crucial as it provides insights into the university's commitment to building an inclusive, internationalized academic environment, increasing the educational experience for both professors and students.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop the indication of the ratio of international faculty members as it coincides with the shifting environment of higher education. Firstly, it represents the institution's aim to provide students with a globalized learning experience, exposing them to other ideas and techniques. Secondly, an international faculty boosts the intellectual vigor of the academic community, producing a dynamic environment where ideas are formed by a mosaic of cultural influences. Thirdly, developing this indication exposes the university as a destination for top-tier talent, drawing faculty members from around the world.

#### 3. Why We Included this Indicator in the Ranking:

The addition of the ratio of international faculty members to total faculty members in the ranking emphasizes the importance of global viewpoints in generating academic achievement. By evaluating this indicator, the ranking rewards colleges that actively encourage diversity and inclusivity in their faculty composition. It puts universities not merely on academic output but also on their role in establishing a multicultural academic community that educates students for a globally interconnected future.

#### 4. The Impact of this Indicator on the Future of the University:

The future implications of sustaining a healthy ratio of international faculty members are far-reaching. Firstly, it promotes the university as a global intellectual hub, recruiting students and faculty members seeking a varied and inclusive environment. Secondly, it contributes to the institution's global profile, establishing collaborations, partnerships, and exchanges with premier universities and researchers worldwide. Thirdly, the future influence extends to the alumni network, as graduates enter the global workforce with an improved grasp of cultural nuances and global concerns.

#### 5. Added Value of this Indicator to the University:

The extra value of a favorable ratio of international faculty members is multifold. Firstly, it

strengthens the university's reputation, suggesting to prospective students, faculty, and partners that the university cherishes diversity and embraces a global perspective. Secondly, it adds to the internationalization of research and academic programs, generating opportunities for collaboration projects and initiatives. Thirdly, it enriches the educational experience for pupils, exposing them to a range of teaching techniques, cultural viewpoints, and a greater awareness of the world.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the creation and maintenance of a fair percentage of international faculty members is a missed chance for a university to portray itself as a leader in providing a truly worldwide education. Failure to emphasize this indication risks reducing the institution's ability to attract diverse personnel, impeding global collaborations, and diminishing the overall cultural richness of the academic environment. In an era where interconnection and cultural understanding are vital abilities, disregarding this indication is a disservice to the university's objective of preparing students for a globally dynamic future.

The ratio of international faculty members to total faculty members is not merely a number representation; it is a qualitative indication of a university's commitment to global viewpoints, cultural diversity, and academic quality. As a vital aspect of university rankings, this indicator underlines the transformative role colleges play in building a globalized academic community and contributing to the training of students who can flourish in an interconnected world.

### *2.2- The ratio of international students to the total number of students*

The Ratio of International Students to the Total Number of Students: Cultivating a Globally Inclusive Learning Environment

#### 1. Why This Indicator is Important:

The ratio of international students to the total number of students is a crucial indicator that reflects the extent to which a university welcomes global diversity and provides a multicultural atmosphere for learning. This factor is crucial as it demonstrates the institution's dedication to preparing students for a globally interconnected world, encouraging cross-cultural understanding, and enriching the entire educational experience.

## 2. Why Universities Should Develop This Indicator:

Universities should actively develop the indication of the ratio of international students as it coincides with the growing environment of higher education. Firstly, it represents the institution's dedication to providing a varied and inclusive learning environment, offering students exposure to many cultures, perspectives, and ideas. Secondly, a higher number of international students increases the global prestige of the university, drawing talent from around the world and fostering a lively campus community. Thirdly, producing this indicator reflects the university's commitment to nurturing global citizens ready to navigate an interconnected world.

## 3. Why We Included this Indicator in the Ranking:

The addition of the ratio of international students to the overall number of students in the ranking emphasizes the value of global diversity in building a full educational experience. By evaluating this indicator, the ranking rewards colleges that actively promote an inclusive campus atmosphere, preparing students to succeed in an increasingly worldwide society. It places universities not only on academic achievement but also on their role in establishing a lively, multicultural learning environment.

## 4. The Impact of this Indicator on the Future of the University:

The future implications of sustaining a healthy ratio of international students are considerable. Firstly, it promotes the university as a global destination for education, attracting potential students seeking a culturally enhanced academic experience. Secondly, it contributes to the establishment of a global alumni network, supporting international collaborations and partnerships. Thirdly, the future influence extends to the workforce, as graduates enter a global labor market with a grasp of diverse perspectives regard for cultural diversity.

## 5. Added Value of this Indicator to the University:

The added value of a favorable ratio of international students is varied. Firstly, it boosts the university's reputation as an inclusive institution that values diversity. This, in turn, attracts a varied pool of talent, both among students and professors. Secondly, it contributes to a dynamic learning environment, where pupils are exposed to a diversity of cultural ideas, promoting a larger worldview. Thirdly, it offers opportunities for international collaborations, research partnerships, and exchange programs, improving the whole academic scene.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the creation and maintenance of a balanced ratio of international students is a missed chance for a university to promote itself as a leader in providing a globally inclusive education. Failure to emphasize this indication risks reducing the institution's ability to attract diverse personnel, impeding global collaborations, and diminishing the cultural richness of the academic environment. In an era where international competence is a key talent, disregarding this signal is a disservice to the university's objective of preparing students to navigate a globalized society.

The ratio of international students to the total number of students is not only a numerical representation; it is a qualitative indication of a university's dedication to global inclusivity, cultural diversity, and holistic education. As a vital aspect of university rankings, this indicator underlines the transformative role institutions play in establishing a globalized academic community and contributing to the training of students who are culturally competent and suited for success in an interconnected world.

### *2.3- The number of professors who have spent at least 1 semester abroad in the last 5 years*

The Number of Professors Who Have Spent at Least 1 Semester Abroad in the Last 5 Years:  
Fostering Global Academic Engagement

#### 1. Why This Indicator is Important:

The number of teachers who have spent at least one semester abroad in the last five years is an important statistic that represents the worldwide exposure and global participation of the academic staff. This indication is crucial as it reflects the dedication of the university to build a faculty with a widened perspective, enriched by international experiences, and ready to transmit global views to students.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively improve this indication as it accords with the present paradigm of higher education. Firstly, it shows the institution's dedication to cultivating a faculty that brings various global viewpoints into the classroom. Secondly, exposure to international academic



contexts helps the professional growth of academics, contributing to their research, teaching approaches, and cultural competence. Thirdly, producing this indicator reflects the university's focus on preparing students for a globally interconnected future.

### 3. Why We Included this Indicator in the Ranking:

The addition of the number of professors who have spent at least one semester abroad in the last five years in the ranking underlines the relevance of faculty worldwide participation in crafting a full educational experience. By evaluating this indicator, the ranking rewards universities that actively foster an internationalized faculty, contributing to the institution's image as a hub for worldwide academic excellence. It puts universities not merely on research output but also on their role in establishing a faculty body with a varied and globally aware perspective.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a considerable number of teachers with foreign expertise is profound. Firstly, it frames the university as a global leader in academia, attracting students and staff seeking an institution that values and supports international participation. Secondly, it contributes to the global prestige of the university, establishing collaborations, partnerships, and exchange programs. Thirdly, the future influence extends to the quality of education given, as faculty members with foreign experience bring a variety of information and various teaching styles to the classroom.

### 5. Added Value of this Indicator to the University:

The added value of a high proportion of teachers who have spent time abroad is varied. Firstly, it promotes the university's reputation, suggesting to potential students and faculty that the university prioritizes an internationally enriched academic environment. Secondly, it adds to the general professional growth of the teachers, encouraging a culture of continual learning and creativity. Thirdly, it enriches the educational experience for students, since faculty members bring varied perspectives, international case studies, and a broader grasp of global issues into the curriculum.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development and tracking of the number of professors who have spent at least

one semester abroad in the last five years is a missed chance for a university to portray itself as a leader in providing a globally educated education. Failure to emphasize this indication risks reducing the institution's potential to attract professors committed to global participation, impeding international collaborations, and diminishing the cultural richness of the academic environment. In an era where interconnection and global perspectives are crucial, disregarding this signal is a disservice to the university's objective of preparing students for success in a worldwide society.

The number of professors who have spent at least one semester abroad in the last five years is not just a numerical representation; it is a qualitative measure of a university's commitment to global academic engagement, cultural enrichment, and the preparation of students for success in an interconnected world. As a vital aspect of university rankings, this indicator underlines the transformative role institutions play in developing a globally informed academic community and contributing to the training of students who are culturally competent and equipped for success in an interconnected world.

#### *2.4- The number of professors with international professional experience outside the university*

The Number of Professors with International Professional Experience outside the University:  
Cultivating a Globally Experienced Academic Faculty

##### 1. Why This Indicator is Important:

The amount of academics with worldwide professional experience outside the institution is an important indicator that represents the degree of global involvement and practical knowledge within the academic staff. This indication is crucial as it reflects the university's dedication to providing students with a faculty that not only excels in academic competence but also adds real-world, worldwide perspectives to the educational environment.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively improve this indicator as it coincides with the rising demands of a globalized academic landscape. Firstly, it demonstrates the institution's dedication to nurturing a faculty with various international professional backgrounds, increasing the learning experience for students. Secondly, faculty members with worldwide professional

experience contribute practical insights, industry connections, and a nuanced awareness of global concerns, contributing to the overall quality of education. Thirdly, developing this indicator promotes the university as a destination for students seeking exposure to a faculty with real-world, worldwide knowledge.

### 3. Why We Included this Indicator in the Ranking:

The addition of the number of professors with worldwide professional experience outside the university in the ranking underlines the relevance of faculty with practical global exposure in crafting a full educational experience. By evaluating this indicator, the ranking acknowledges colleges that actively cultivate an academically prepared faculty with hands-on foreign experience. It places universities not merely on academic performance but also on their role in educating students about the complexity of a globalized labor market.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a considerable number of teachers with foreign professional experience is far-reaching. Firstly, it promotes the university as a forward-thinking institution, attracting students seeking a faculty that blends academic excellence with practical, global ideas. Secondly, it contributes to the global prestige of the university, creating partnerships, collaborations, and research initiatives with foreign organizations and industries. Thirdly, the future influence extends to the employability of graduates, since they benefit from faculty mentoring rooted in real-world, international situations.

### 5. Added Value of this Indicator to the University:

The added value of a high number of teachers with worldwide professional expertise is enormous. Firstly, it promotes the university's reputation, suggesting to prospective students that the institution honors academics who bring real-world, foreign viewpoints into the academic environment. Secondly, it contributes to the professional growth of the teachers, encouraging a culture of continual learning and relevance to global industry trends. Thirdly, it directly helps students, as faculty members with foreign professional experience provide significant insights, mentorship, and networking possibilities.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the growth and tracking of the number of professors with international

professional experience is a missed chance for a university to promote itself as a leader in providing students with a globally relevant education. Failure to emphasize this indication risks reducing the institution's capacity to attract faculty with diverse foreign experiences, impeding global collaborations, and diminishing the practical usefulness of the education given. In an era where graduates are expected to negotiate a global job market, disregarding this indication is a disservice to the university's objective of preparing students for success in an interconnected world.

The number of professors with international professional experience outside the university is not just a numerical representation; it is a qualitative measure of a university's commitment to global experiential learning, industry relevance, and the preparation of students for success in a globally competitive landscape. As a vital aspect of university rankings, this indicator underlines the transformative role institutions play in developing a globally experienced academic community and contributing to the training of students who are not just academically qualified but also globally conscious and industry-ready.

### *2.5- The proportion of young researchers who gained at least one university degree abroad (Bachelor, Master, Ph.D.) relative to the total number of researchers.*

The Proportion of Young Researchers with International Degrees: Fostering Global Academic Prowess

#### 1. Why This Indicator is Important:

The proportion of young researchers with international degrees is a critical statistic that illustrates the global orientation and intellectual diversity within the university's research community. This indicator is essential as it demonstrates the institution's dedication to developing a research environment that attracts, supports, and maintains young researchers with varied educational backgrounds, fostering a rich fabric of academic perspectives.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop this indicator as it coincides with the growing landscape of research and innovation. Firstly, it underlines the institution's commitment to hiring and nurturing a research workforce that brings a wealth of foreign experiences and viewpoints. Secondly, young researchers with international degrees contribute to a thriving research

ecosystem, introducing fresh ideas, methodologies, and global insights into the academic community. Thirdly, developing this indicator positions the university as an attractive option for emerging academics seeking a globally connected research environment.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the proportion of young researchers with international degrees in the ranking underlines the relevance of a globally diverse research community in establishing a complete academic landscape. By evaluating this factor, the ranking acknowledges colleges that actively support an environment where young scholars pursue their academic path on an international scale. It positions institutions not merely on the volume of research output but also on their commitment to developing a globally competitive research culture.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a significant proportion of young researchers with international degrees is revolutionary. Firstly, it promotes the university as a hub for global talent, recruiting aspiring researchers seeking an institution that values and supports an internationalized academic trajectory. Secondly, it contributes to the global profile of the university, establishing research collaborations, and partnerships, and seeking funding possibilities from throughout the world. Thirdly, the future influence extends to the quality of research done, since different academic backgrounds lead to innovative solutions and a broader knowledge of complex global concerns.

### 5. Added Value of this Indicator to the University:

The added value of a high number of young researchers with international degrees is diverse. Firstly, it increases the university's reputation, demonstrating to the academic community and funding authorities that the university invests in maintaining a globally competitive research environment. Secondly, it contributes to the intellectual vigor of the research community, stimulating cross-cultural collaboration, and widening the frontiers of research programs. Thirdly, it promotes the university as a magnet for international alliances and collaborative research efforts.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the growth and tracking of the proportion of young researchers with international

degrees is a squandered opportunity for an institution to portray itself as a leader in global research excellence. Failure to prioritize this indication risks reducing the institution's potential to attract young academics with different international backgrounds, impeding global research collaborations, and diminishing the academic depth of the research environment. In an era where research is increasingly interconnected, disregarding this indication is a disservice to the university's aim of promoting knowledge on a worldwide scale.

The proportion of young researchers with international degrees is not just a numerical representation; it is a qualitative measure of a university's commitment to global research leadership, academic inclusivity, and the preparation of the next generation of scholars for success in a globally connected academic landscape. As an integral part of university rankings, this indicator underscores the transformative role universities play in shaping a globally competitive research community and contributing to the preparation of researchers who are not only academically proficient but also globally aware and ready to address complex global challenges.

## *2.6- The number of active partnerships of the university in the last 3 years.*

### The Number of Active Partnerships: Catalyzing Collaborative Excellence

#### 1. Why This Indicator is Important:

The number of active partnerships maintained by a university is an important indication that reflects the institution's dedication to building collaborative networks with other educational institutions, industries, and research groups. This indicator is crucial as it demonstrates the university's effort to create a dynamic ecosystem that transcends institutional boundaries, promoting information exchange, resource sharing, and synergistic developments.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop the indication of the number of active partnerships as it accords with the present ethos of higher education. Firstly, it highlights the institution's commitment to embracing a collaborative approach to handle difficult global concerns. Secondly, actively fostering collaborations enriches the academic environment, exposing students and teachers to diverse ideas, approaches, and resources. Thirdly, developing this indicator portrays the university as an active player in the global knowledge network,

contributing to and benefiting from a broader intellectual community.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of active partnerships in the ranking underlines the value of collaborative networks in developing a comprehensive and globally connected academic institution. By evaluating this factor, the ranking rewards colleges that actively seek and develop collaborations as key components of their strategic strategy. It places institutions not merely on academic achievements but also on their commitment to developing collaborative brilliance, contributing to the broader global intellectual landscape.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a considerable number of active collaborations is tremendous. Firstly, it portrays the university as a significant actor in collaborative research efforts, attracting researchers, financing, and industrial collaborations. Secondly, it contributes to the global reputation of the university, building a network of academic and industry partners that goes beyond geographical bounds. Thirdly, the future influence extends to the quality of education given, as students gain exposure to real-world applications and industry-relevant initiatives originating from these relationships.

### 5. Added Value of this Indicator to the University:

The added value of a large number of active collaborations is diverse. Firstly, it strengthens the university's reputation, communicating to the academic and industrial communities that the institution actively strives to contribute to and profit from collaborative projects. Secondly, it provides a platform for teachers and students to engage in cutting-edge research, industry-relevant projects, and international exchanges. Thirdly, it portrays the university as a magnet for innovation, drawing partnerships that contribute to improvements in technology, science, and societal issues.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the establishment and tracking of the number of current relationships is a missed opportunity for a university to position itself as a hub for collaborative excellence. Failure to prioritize this indication risks reducing the institution's potential to seek collaborative research opportunities, industry partnerships, and international collaborations. In an era where

interdisciplinary and interinstitutional collaboration is critical for addressing complex global challenges, disregarding this indicator is a disservice to the university's aim of advancing knowledge and making important societal contributions.

The number of active partnerships is not merely a numerical representation; it is a qualitative assessment of a university's dedication to collaborative excellence, innovation, and global engagement. As an integral part of university rankings, this indicator underscores the transformative role universities play in shaping a globally connected academic and research community and contributing to the preparation of students who are not only academically proficient but also adept at navigating collaborative and interdisciplinary landscapes.

### *2.7- The number of international research projects with international cooperation partners.*

The Number of International Research Projects with International Cooperation Partners:  
Nurturing Global Research Collaborations

#### 1. Why This Indicator is Important:

The number of international research projects with international cooperation partners is a significant metric that demonstrates a university's commitment to global research collaboration. This factor is essential as it represents the institution's capacity to engage in cross-border research activities, building a global academic network that transcends physical boundaries. It signifies the university's contribution to addressing complex, globally significant concerns through joint efforts.

#### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the indication of international research initiatives with international collaboration partners due to various compelling factors. Firstly, it displays the institution's dedication to supporting a global vision in research, enhancing the academic scene with varied ideas and knowledge. Secondly, actively pursuing foreign research initiatives increases the university's image, attracting global talent and building ties with premier research institutions globally. Thirdly, building this indicator presents the university as a vital contributor to tackling global concerns through collaborative, interdisciplinary research activities.



### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of international research projects with international cooperation partners in the ranking reflects the strategic importance of global research collaboration. By evaluating this indicator, the ranking acknowledges universities that actively contribute to the global research scene. It places universities not merely on the quantity of research output but also on their commitment to promoting significant, internationally collaborative research endeavors.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a considerable number of foreign research initiatives is far-reaching. Firstly, it portrays the university as a global research hub, attracting international researchers, financing, and industry collaborations. Secondly, it contributes to the global reputation of the university, creating long-term ties with prominent research institutions globally. Thirdly, the future influence extends to the quality of education given, as students gain exposure to cutting-edge, globally relevant research initiatives.

### 5. Added Value of this Indicator to the University:

The added value of a high number of foreign research projects is manifold. Firstly, it increases the university's prestige, demonstrating to the academic world that the institution actively seeks and participates in globally relevant research. Secondly, it provides a forum for teachers and students to engage in pioneering research with international importance, contributing to improvements in knowledge and technology. Thirdly, it portrays the university as a leader in tackling global concerns, inviting collaborations that transcend disciplinary boundaries.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the establishment and tracking of the number of international research projects with international cooperation partners is a missed chance for a university to portray itself as a global leader in research excellence. Failure to emphasize this indication risks reducing the institution's potential to attract collaborative research opportunities, hamper international alliances, and miss out on contributing to global developments. In an era where global crises require collaborative solutions, disregarding this signal is a disservice to the university's objective of promoting knowledge, fostering innovation, and making meaningful contributions

to global issues.

The number of international research projects with international cooperation partners is not just a numerical representation; it is a qualitative measure of a university's commitment to global research leadership and fostering collaborations that address complex, globally relevant challenges. As an integral part of university rankings, this indicator underscores the transformative role universities play in shaping a globally connected research community and contributing to the preparation of students who are not only academically proficient but also capable of addressing challenges on a global scale.

### *3.1- The proportion of graduates with joint or double/multiple degrees to the total number of graduates*

The Proportion of Graduates with Joint or Double/Multiple Degrees: Fostering Global Academic Alliances

#### 1. Why This Indicator is Important:

The proportion of graduates with joint or double/multiple degrees is a crucial metric that demonstrates a university's dedication to providing students with a worldwide and diverse educational experience. This indication is crucial as it demonstrates the institution's attempts to establish a culturally rich and intellectually challenging environment, preparing graduates to flourish in an interconnected and multicultural world.

#### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the indicator of graduates with joint or double/multiple degrees due to various compelling reasons. Firstly, it symbolizes the institution's aim to afford students opportunities for foreign exposure, establishing a global attitude, and nurturing cross-cultural competencies. Secondly, actively seeking joint or double/multiple degrees boosts the university's attractiveness to prospective students and teachers, contributing to a diverse and lively academic community. Thirdly, developing this indicator presents the university as a vital actor in global higher education, building relevant collaborations with international institutions.

### 3. Why We Included this Indicator in the Ranking:

The addition of the proportion of graduates with joint or double/multiple degrees in the ranking underlines the strategic importance of worldwide academic relationships and the quality of education provided by the university. By evaluating this indicator, the ranking acknowledges universities that actively contribute to the globalization of higher education. It places institutions not merely on the number of graduates but also on their commitment to producing globally competent and well-rounded persons.

### 4. The Impact of this Indicator on the Future of the University:

The future implications of having a high number of graduates with joint or double/multiple degrees are profound. Firstly, it promotes the university as a global leader in providing students with diverse and enriching academic experiences. Secondly, it contributes to the global reputation of the university, recruiting international students and faculty seeking universities with a strong commitment to global education. Thirdly, the future influence extends to the graduates themselves, who join the profession with a unique mix of abilities and perspectives that make them great contributors to a worldwide society.

### 5. Added Value of this Indicator to the University:

The added benefit of a high proportion of graduates with joint or double/multiple degrees is multidimensional. Firstly, it increases the university's reputation, signaling to the academic and professional worlds that the institution is dedicated to providing students with a well-rounded and globally focused education. Secondly, it enriches the academic atmosphere, establishing a diverse and inclusive campus culture that helps all students. Thirdly, it portrays the university as a hub for international collaboration, attracting partnerships that lead to improvements in knowledge and research.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development and tracking of the proportion of graduates with joint or double/multiple degrees is a missed opportunity for a university to promote itself as a global leader in providing students with a globally competitive education. Failure to emphasize this indication risks reducing the institution's ability to attract international students, inhibit prospective collaborations and miss out on contributing to the global exchange of knowledge and ideas. In an era where interconnection and cultural fluency are crucial, disregarding this

indication is a disservice to the university's objective of preparing graduates to flourish in a worldwide society.

The proportion of graduates with joint or double/multiple degrees is not just a numerical representation; it is a qualitative measure of a university's commitment to global education, fostering international partnerships, and preparing graduates to thrive in a diverse and interconnected global society. As a vital aspect of university rankings, this indicator underlines the transformative role institutions play in shaping global citizens and contributing to the preparation of graduates who are not just academically proficient but also culturally competent and globally aware.

### *3.2- General Student attendance rate at theoretical programs.*

General Student Attendance Rate at Theoretical Programs: Fostering Academic Engagement and Success

#### 1. Why This Indicator is Important:

The general student attendance rate at theoretical programs is a key statistic as it represents the amount of student participation and commitment to academic pursuits. It goes beyond assessing physical presence; it examines the active participation of students in theoretical courses, reflecting their passion for learning and contributing to the intellectual vigor of the university.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop the indicator of general student attendance rate at theoretical programs for numerous reasons. Firstly, it demonstrates a dedication to providing a suitable learning atmosphere where students actively participate in academic activities. Secondly, measuring attendance rates helps discover opportunities for improvement in teaching methods, course design, and student support, enabling continual refinement of the educational experience. Thirdly, by supporting high attendance, institutions contribute to a pleasant learning culture that helps both students and teachers.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the general student attendance rate in the ranking acknowledges the vital role

attendance plays in measuring the overall educational quality provided by the university. It places institutions not merely on enrollment numbers but also on their capacity to build an atmosphere where students are actively present and engaged in their academic path. The rating acknowledges colleges that focus on and achieve high levels of student attendance.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of sustaining a high general student attendance percentage is enormous. Firstly, it contributes to a strong university culture, establishing a sense of belonging and intellectual community among students. Secondly, it builds a foundation for future success as actively engaged students are more likely to achieve in their studies and contribute meaningfully to the university's academic reputation. Thirdly, a dedication to high attendance rates can attract potential students seeking an environment that promotes academic participation.

#### 5. Added Value of this Indicator to the University:

The increased advantage of a high general student attendance rate is multi-faceted. Firstly, it increases the university's reputation for providing a rigorous and stimulating academic experience. Secondly, it contributes to the overall performance of students, impacting retention rates, graduation rates, and academic achievements. Thirdly, a positive attendance culture provides a supportive learning environment, fostering collaboration among students and professors, which in turn improves the academic community.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development and monitoring of the general student attendance rate is a squandered opportunity for colleges to promote a culture of academic success. Failure to prioritize this indication risks creating an environment where students disconnect from theoretical programs, impeding their academic progress and potentially harming the overall quality of education. In an era where active learning and student achievement are crucial, disregarding this indicator contradicts the university's purpose to provide a transformative and engaging educational experience.

The general student attendance rate at theoretical programs is not just a number; it is a statement of a university's dedication to academic achievement, student participation, and

the construction of a good and supportive learning environment. As a vital aspect of university rankings, this indicator underlines the importance of attendance in determining the academic success and general experience of students, contributing to the university's reputation as a center for learning and intellectual progress.

### *3.3- General Student attendance rate at practical programs.*

General Student Attendance Rate at Practical Programs: Nurturing Applied Learning Excellence

#### 1. Why This Indicator is Important:

The general student attendance rate in practical programs is a critical statistic that assesses the level of student engagement and participation in hands-on, applied learning activities. It goes beyond assessing mere presence; it demonstrates students' commitment to acquire practical skills, vital for their future employment and overall academic achievement.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop the indication of general student attendance at practical programs due to its significance in preparing students for real-world challenges. Firstly, it emphasizes the relevance of practical learning in academic programs, linking education with industry needs. Secondly, tracking attendance rates in practical programs allows institutions to modify instructional techniques and resources to maximize the effectiveness of hands-on experiences. Thirdly, it demonstrates a dedication to creating graduates with both academic knowledge and practical abilities, making them competitive in the labor market.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the general student attendance rate at practical programs in the ranking emphasizes the vital importance of applied learning in higher education. It positions universities based not only on their theoretical curriculum but also on their performance in fostering active engagement in practical components. The rating acknowledges universities that promote the integration of theory and practice, contributing to a well-rounded education.

#### 4. The Impact of this Indicator on the Future of the University:

The future benefit of sustaining a high general student attendance percentage at practical programs is enormous. Firstly, it guarantees that graduates possess the practical skills sought

by companies, boosting their employability and success in their chosen industries. Secondly, a focus on practical learning contributes to the university's position as a hub for developing industry-ready experts. Thirdly, it produces a positive feedback loop, recruiting more students seeking hands-on experiences and boosting the university's status in applied education.

#### 5. Added Value of this Indicator to the University:

The increased advantage of a high general student attendance rate in practical programs is multi-faceted. Firstly, it strengthens the university's reputation as a location where education extends beyond academic notions to practical, real-world applications. Secondly, it directly affects the success and enjoyment of students, as practical experiences contribute to a greater grasp of their chosen area. Thirdly, a concentration on practical learning can lead to significant corporate relationships, joint research possibilities, and increased graduate outcomes.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the establishment and monitoring of the general student attendance rate at practical programs is a missed opportunity for colleges to bridge the gap between academia and the professional world. Failure to prioritize this indicator risks generating graduates who may lack the critical skills expected by businesses, thus decreasing the university's standing in the eyes of prospective students and industry partners. In an era where practical knowledge is highly prized, disregarding this indicator jeopardizes the university's objective to equip students for successful and influential careers.

The general student attendance percentage at practical programs is not only a metric but a testament to a university's dedication to providing a well-rounded, applied education. As a vital aspect of university rankings, this indicator underlines the importance of hands-on experiences in influencing the future success and employability of graduates, contributing to the university's reputation as a leader in applied learning and industry-relevant education.

### *3.4- Passing Rate for National Licenses, Colloquium Tests, or Exams (e.g. Nursing, pharmacy, Law, Medicine, etc.).*

Passing Rate for National Licenses, Colloquium Tests, or Exams: Ensuring Professional Competence and Academic Excellence

### 1. Why This Indicator is Important:

The passing rate for national licenses, colloquium tests, or exams is a significant measure that gauges the achievement of university graduates in attaining professional certifications. This indicator goes beyond examining academic knowledge; it analyzes the actual application of skills and competencies required for certain professions such as nursing, pharmacy, law, medicine, and others. A high passing percentage shows that graduates are well-prepared to flourish in their chosen industries.

### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the passing rate for national licenses or tests as it integrates education with professional requirements. Firstly, it highlights the responsibilities of universities to not only teach academic knowledge but also ensure the practical ability of graduates entering professional domains. Secondly, tracking the passing rate provides universities with useful input on the effectiveness of their programs in preparing students for real-world challenges. Thirdly, constructing this indicator highlights the dedication of institutions to generating graduates who satisfy industry requirements and contribute to the professional sector.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the passing rate for national licenses, colloquium tests, or exams in the ranking underlines the importance of assessing the practical readiness of graduates for their specific professions. It positions institutions based not only on academic achievements but also on their ability to educate students to satisfy the demanding standards imposed by professional licensing agencies. The rating highlights colleges that prioritize both academic brilliance and the practical competence essential for successful professional careers.

### 4. The Impact of this Indicator on the Future of the University:

The future implications of maintaining a high success percentage for national licenses or tests are considerable. Firstly, it ensures that graduates contribute constructively to their professions, sustaining the reputation of the university in generating competent workers. Secondly, a strong passing rate attracts potential students seeking assurance that their education would equip them for successful professions. Thirdly, it develops permanent collaborations with professional groups, generating a positive feedback loop that boosts the



university's position in the academic and professional areas.

#### 5. Added Value of this Indicator to the University:

The added advantage of a high passing rate for national licenses, colloquium tests, or exams is multi-faceted. Firstly, it increases the university's reputation as a supplier of education that translates into real-world success. Secondly, it immediately affects the employment of graduates, since companies generally seek experts who have proven competence through licensure or qualifying tests. Thirdly, a concentration on preparing students for professional success adds to a positive alumni network, with successful professionals attributing their achievements to their university.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development and monitoring of the passing rate for national licenses or exams is a big danger for universities. Failure to prioritize this indication jeopardizes the reputation of the institution and the success of its graduates in the professional arena. In an era where industry requires competence and practical abilities, disregarding this indication contradicts the university's purpose to equip students for successful and influential professions.

The passing rate for national licenses, colloquium tests, or exams is not only a metric but an indication of a university's commitment to creating graduates who excel both academically and professionally. As a vital aspect of university rankings, this indicator underlines the necessity of matching education with industry standards and ensuring that graduates are well-prepared to contribute meaningfully to their chosen professions.

### *3.5- The Number of new executive programs during the last academic year.*

The Number of New Executive Programs: Pioneering Professional Development and Institutional Innovation

#### 1. Why This Indicator is Important:

The amount of new executive programs established by a university acts as a vital measure of its commitment to developing with the continually changing demands of the professional sector. Executive programs are geared toward working professionals, providing them with opportunities for advanced skill development, leadership training, and specific knowledge

gain. This measure demonstrates a university's responsiveness to market needs and its attention to fostering continual learning among professionals.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop a number of new executive programs as part of their strategic strategy for addressing the dynamic requirements of the professional world. Firstly, it exhibits an understanding of the growing demands of industry and the workforce, establishing the institution as a proactive contributor to professional growth. Secondly, introducing new executive programs allows universities to expand their offerings, attracting a broader spectrum of individuals seeking specialized education. Thirdly, it increases the university's function as a hub for continual learning and innovation, contributing to its long-term viability.

#### 3. Why We Included this Indicator in the Ranking:

The addition of the number of new executive programs in the ranking underscores the importance of institutions in driving professional growth and innovation. It positions universities based not only on their regular academic programs but also on their capacity to adapt and provide cutting-edge executive education offerings. The list acknowledges colleges that actively contribute to the professional development environment, displaying their commitment to creating future leaders and promoting industry.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of offering new executive programs is tremendous for the university. Firstly, it establishes the institution as a leader in predicting and satisfying the increasing demands of professionals, ensuring its relevance in a competitive academic world. Secondly, a diversified array of executive programs draws a diverse and experienced student body, enriching the learning environment with unique viewpoints. Thirdly, it encourages partnerships with enterprises and organizations looking to upskill their workforce, producing mutually beneficial collaborations that contribute to the university's growth and influence.

#### 5. Added Value of this Indicator to the University:

The added advantage of launching new executive programs is numerous. Firstly, it promotes the university's reputation as a forward-thinking institution that actively contributes to

workforce development. Secondly, the introduction of specialized programs elevates the university as a thought leader in growing sectors, attracting top-tier professionals and teachers. Thirdly, the financial sustainability of executive programs contributes to the overall economic health of the university, enabling sustained investment in academic excellence and innovation.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development of new executive programs is a missed chance for institutions to exhibit agility and keep a competitive edge in the educational landscape. Failure to prioritize this indication risks stagnation in program offerings, perhaps resulting in decreased enrollment and fewer chances for collaboration with industries. In an era where continual learning is crucial, disregarding this measure diminishes the university's capacity for growth, innovation, and continuing relevance.

The number of new executive programs is not simply a numerical statistic but a testament to a university's dedication to promoting professional development and standing at the forefront of educational innovation. As a vital aspect of university rankings, this indicator underlines the importance of universities in determining the future of executive education, influencing companies, and contributing to the lifelong learning journey of professionals.

### *3.6- The number of new professional development programs/short courses.*

The Number of New Professional Development Programs/Short Courses: Empowering Lifelong Learning and Industry Relevance

#### 1. Why This Indicator is Important:

The number of new professional development programs and short courses is a significant indication that demonstrates a university's commitment to supporting continuous learning and meeting the increasing demands of professionals. In an era of rapid technology breakthroughs and changing job markets, professionals seek possibilities for short, concentrated learning experiences to enhance their abilities, stay current with industry trends, and remain competitive in their areas. This indicator shows a university's role in encouraging lifelong learning and assisting individuals in their professional advancement.

## 2. Why Universities Should Develop This Indicator:

Universities should actively develop a number of new professional development programs and short courses as part of their strategy to fulfill the demands of a continuously changing workforce landscape. Firstly, it corresponds with the university's objective to provide accessible and relevant education beyond traditional degree programs. Secondly, it establishes the institution as a hub for skill development, drawing a varied audience of working professionals seeking specialized knowledge. Thirdly, establishing this indicator demonstrates the university's versatility and reactivity to evolving trends in diverse businesses.

## 3. Why We Included this Indicator in the Ranking:

The addition of the number of new professional development programs/short courses in the ranking underscores the essential role universities play in facilitating lifelong learning and supporting professionals in their career paths. It evaluates universities based not only on their academic programs but also on their capacity to deliver flexible, industry-aligned, and accessible learning options. The rating highlights universities that actively contribute to professional development, establishing a culture of continual learning and flexibility.

## 4. The Impact of this Indicator on the Future of the University:

The future impact of launching new professional development programs and short courses is considerable for the university. Firstly, it positions the institution as a leader in answering the increasing requirements of the workforce, assuring its continuing relevance in a competitive educational landscape. Secondly, a wide inventory of short courses attracts a broad and international audience, enhancing the university's reach and influence. Thirdly, it develops long-term contacts with professionals and industries, providing a network that contributes to the university's global impact and collaborative research opportunities.

## 5. Added Value of this Indicator to the University:

The additional value of providing new professional development programs and short courses is diverse. Firstly, it increases the university's reputation as a flexible and innovative university that understands and serves the needs of the modern workforce. Secondly, the introduction of focused programs draws professionals seeking specific skills, leading to higher enrollment and income diversification. Thirdly, it increases the university's position as a thought leader, boosting relationships with industry partners and enhancing the overall quality of education.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development of new professional development programs and short courses is a squandered opportunity for institutions to promote themselves as leaders in lifelong learning. Failure to prioritize this indicator risks reducing the institution's impact on professionals seeking continual development and adaptability to industry developments. In an era where upskilling and reskilling are crucial, disregarding this indicator diminishes the university's potential to play a vital role in defining the future of workforce development.

The number of new professional development programs and short courses is not only a statistic but a testimonial to a university's dedication to promoting lifelong learning and remaining aware of market expectations. As a vital aspect of university rankings, this indicator underlines the importance of institutions in providing accessible, relevant, and timely educational opportunities for professionals across numerous areas.

#### *3.7- The number of Ph.D. and master programs offered by the university.*

The Number of Ph.D. and Master Programs Offered by the University: Nurturing Academic Excellence and Research Prowess

##### 1. Why This Indicator is Important:

The amount of Ph.D. and master programs given by a university is a crucial measure of its dedication to academic excellence, research advancement, and the creation of a varied and specialized knowledge base. These programs represent the pinnacle of higher education, delivering advanced instruction to scholars and researchers who contribute considerably to the advancement of knowledge within their particular professions.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively establish a broad portfolio of Ph.D. and master programs to achieve their objective of promoting knowledge, stimulating innovation, and generating highly qualified experts in many areas. Offering advanced degree programs is a tribute to a university's dedication to intellectual growth, research inquiry, and the formation of a highly qualified workforce capable of handling complex global challenges.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of Ph.D. and master programs in the ranking emphasizes the crucial role these programs play in shaping the intellectual landscape of a university. This indication shows the institution's depth of expertise, its potential to engage in cutting-edge research, and its ability to attract top-tier staff and students. A varied assortment of Ph.D. and master's programs contributes to the overall academic prestige and standing of the university.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of offering a varied range of Ph.D. and master programs is tremendous for the university. Firstly, it portrays the university as a focus for advanced research and intellectual inquiry, drawing top-tier staff and students globally. Secondly, a broad spectrum of programs boosts the university's capacity to contribute to developing fields and interdisciplinary research. Thirdly, it promotes the institution as a vital actor in addressing future difficulties through the expertise acquired in these programs.

### 5. Added Value of this Indicator to the University:

The added advantage of having a considerable number of Ph.D. and master programs resides in the richness of the university's academic atmosphere. Firstly, it supports a strong research culture, drawing researchers who bring varied perspectives and contribute to the intellectual life of the institution. Secondly, the reputation associated with a broad offering of advanced degrees boosts the university's global status, making it an appealing destination for top-tier talent and collaborative partnerships. Thirdly, the alumni produced from these programs become ambassadors of the university's academic prowess, contributing to its long-term reputation.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the growth of Ph.D. and master programs is comparable to dismissing the peak of academic success and research inside an institution. These programs are not only vital for cultivating professionals but also for building the institution's legacy in contributing to knowledge development and innovation. Neglecting this indication impairs the university's capacity to be a leader in advanced research, attracting top staff and students, and creating a lasting impact on the academic and professional landscape.

The number of Ph.D. and master programs offered by a university goes beyond a mere count; it signifies the institution's dedication to furthering knowledge, developing research excellence, and producing leaders in many sectors. As a fundamental statistic in university rankings, this indicator underlines the importance of institutions in delivering the highest quality of academic and research opportunities to define the future of education and contribute to global intellectual advancement.

### *3.8- All information related to the teaching plan, classes, exam tables, and workload are publicly available*

#### Public Availability of Teaching Information: Fostering Transparency and Empowering Stakeholders

##### 1. Why This Indicator is Important:

The public availability of teaching information, including teaching plans, class schedules, exam tables, and workload statistics, is a vital indication for assuring transparency, accountability, and the democratic transmission of academic information. It significantly affects the educational experience of students, the efficiency of academic operations, and the overall perception of the university's commitment to openness.

##### 2. Why Universities Should Develop This Indicator:

Universities should aggressively produce and promote the public availability of teaching information as it accords with principles of transparency, accountability, and inclusivity. Providing easy access to teaching plans, class schedules, exam tables, and workload details enhances the overall educational experience for students and empowers other stakeholders, such as faculty, researchers, and the wider community, to engage more meaningfully with the academic activities of the institution.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of the public availability of instructional information in the ranking underscores the importance of transparency and accessibility in the educational scene. Universities that make such information freely accessible exhibit a dedication to open communication, building a positive connection with students, faculty, and the public. This statistic contributes to the overall evaluation of a university's governance, responsiveness, and dedication to fostering an

inclusive academic environment.

#### 4. The Impact of this Indicator on the Future of the University:

The future implications of assuring the public availability of teaching information are substantial for the university. It sets the basis for a culture of transparency that can favorably influence the institution's reputation and foster confidence among existing and potential students, faculty, and the broader community. As educational institutions increasingly embrace digital transformation, making teaching information freely available helps promote the university as a forward-thinking and tech-savvy institution.

#### 5. Added Value of this Indicator to the University:

The added value of assuring the public availability of teaching content rests in the creation of a better-informed and engaged academic community. When students can conveniently access information about their courses, exams, and workload requirements, it adds to a more positive and efficient learning experience. For professors, having explicit communication regarding teaching plans and schedules helps collaboration and coordination. Additionally, the wider community obtains insight into the academic activities of the university, establishing a sense of shared responsibility for and pride in the institution's educational mission.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the public availability of instructional information is a disservice to the concepts of openness and inclusivity that are important to the academic purpose. It undermines the formation of a trustworthy relationship between the institution and its stakeholders, perhaps leading to misunderstandings, discontent, and an impression of concealment. In an era where information is easily accessible, disregarding this indicator may result in the university being viewed as obsolete, unresponsive, or even untrustworthy.

Assuring the public access to teaching material is not only a technical part of university governance; it is a commitment to transparency, accountability, and the democratization of information. As a crucial criterion in university rankings, it demonstrates the institution's effort to provide an educational environment that is not only academically rigorous but also accessible and inclusive for all stakeholders.



#### *4.1- Graduation Rates at the university.*

##### Graduation Rates at the University: A Measure of Educational Success and Institutional Effectiveness

###### 1. Why This Indicator is Important:

Graduation rates at the university are a critical sign of educational progress and institutional effectiveness. They provide a thorough measure of the university's capacity to lead students through their academic journey, ensuring they complete their selected degrees. Graduation rates indicate not only the quality of education but also the support structures in place to enable student growth and completion.

###### 2. Why Universities Should Develop This Indicator:

Universities should actively establish and monitor graduation rates as they directly represent the institution's commitment to student achievement. Tracking and improving graduation rates requires a holistic strategy, including rigorous academic advice, accessible support services, and a well-designed curriculum. Developing this indicator reflects the university's effort to provide a supportive and productive learning environment.

###### 3. Why We Included this Indicator in the Ranking:

The addition of graduation rates in the ranking underlines the significance of good student outcomes in measuring the overall quality and effect of a university. Universities that effectively lead students through their academic journeys and contribute to high graduation rates are acknowledged for their commitment to quality education. This indication serves as a vital criterion in measuring the overall success of the institution.

###### 4. The Impact of this Indicator on the Future of the University:

The future impact of graduation rates on the university is considerable. High graduation rates contribute to a positive institutional reputation, attracting more talented students and teachers. A university known for successfully bringing students to graduation is likely to witness more alumni participation, favorable word-of-mouth recommendations, and a stronger position in the competitive environment of higher education.

#### 5. Added Value of this Indicator to the University:

The added benefit of monitoring and enhancing graduation rates resides in fostering a happy and supportive learning environment. High graduation rates not only boost the reputation of the university but also contribute to the success stories of its graduates, further fueling the institution's appeal. Additionally, a strong focus on student performance increases the overall quality of education and equips graduates to flourish in their chosen areas.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the monitoring and improvement of graduation rates is a disservice to both students and the university itself. Low graduation rates may suggest structural concerns such as inadequate support systems, curricular challenges, or a lack of congruence with student needs. Neglecting this indication can result in diminished institutional reputation, decreased enrollment, and a detrimental influence on the university's long-term sustainability.

Graduation rates at the institution serve as a vital metric of educational effectiveness and student achievement. Actively growing and strengthening this indicator helps to a positive institutional image, attracts top talent, and guarantees that the university accomplishes its purpose of offering great education and producing successful graduates.

### *4.2- The ratio of female students to total number of students*

The Ratio of Female Students to the Total Number of Students: Fostering Diversity, Inclusion, and Academic Excellence

#### 1. Why This Indicator is Important:

The ratio of female students to the total number of students is a significant metric for encouraging diversity and gender equity within the university. It represents the composition of the student body and provides insights into the inclusivity of the institution. Gender diversity is not merely an issue of social fairness; it also enhances the overall learning environment by providing various viewpoints, experiences, and ideas to the academic community.

## 2. Why Universities Should Develop This Indicator:

Universities should actively grow and monitor the ratio of female students as part of their commitment to establishing a varied and inclusive learning environment. Developing this indicator entails developing policies and actions that attract female enrollment, support their academic performance, and create a campus culture that embraces and celebrates diversity.

## 3. Why We Included this Indicator in the Ranking:

The inclusion of the ratio of female students in the ranking highlights the importance of gender diversity in higher education. Universities that actively work towards obtaining a balanced gender ratio contribute to a more lively and enriching academic community. Including this indicator in the ranking highlights and honors universities that prioritize gender equity and create opportunities for all students.

## 4. The Impact of this Indicator on the Future of the University:

The future impact of a balanced gender ratio is varied. It contributes to the university's reputation as a forward-thinking institution that promotes diversity. A diverse student body enhances the learning experience for everyone, preparing students to succeed in various workplaces. Moreover, a university with a reputation for diversity is likely to recruit a broader pool of brilliant students and faculty, assuring long-term success and sustainability.

## 5. Added Value of this Indicator to the University:

The added value of continuously monitoring and enhancing the ratio of female students resides in the formation of a more inclusive, vibrant, and intellectually challenging academic environment. Gender diversity produces a rich fabric of perspectives, stimulates critical thinking, and prepares students for the challenges of a globalized world. Beyond academic benefits, an inclusive environment promotes the general prestige of the university, attracting a varied and bright community.

## 6. Why Universities Should Never Neglect this Indicator:

Neglecting the percentage of female students is a squandered opportunity for colleges to leverage the full potential of a varied student body. Ignoring this signal may lead to gender imbalances, restricting the educational experience for all pupils. Additionally, disregarding gender diversity might badly influence the university's reputation, thereby dissuading

outstanding persons from choosing the institution for their academic endeavors.

The ratio of female students to the overall number of students is a vital indicator that extends beyond numerical representation. It testifies to the principles and dedication of the university toward establishing an inclusive and equal environment. Actively developing and strengthening this indicator is not simply a matter of social duty; it is an investment in the future success and sustainability of the institution.

#### *4.3- The graduates trust of the university, and it's decision during their academic study.*

##### Building Trust: The Graduates' Confidence in the University and Its Decisions

###### 1. Why This Indicator is Important:

The graduates' trust in the university and its decision-making processes is a vital indicator that extends beyond academic results. It represents the level of happiness, confidence, and positive experiences that alumni associate with their alma mater. Trust is the foundation of a lasting connection, and in the context of education, it is a vital aspect of developing a durable and supportive alumni community.

###### 2. Why Universities Should Develop This Indicator:

Universities should actively cultivate this indicator since the trust alumni place in their alma mater is a testament to the institution's overall impact on their lives. By providing a good and supportive learning environment, colleges can create confidence in their graduates, encouraging a sense of loyalty and a readiness to contribute to the university's success in numerous ways.

###### 3. Why We Included this Indicator in the Ranking:

Including graduates' trust in the ranking emphasizes the substantial impact of a university beyond the academic realm. It highlights the need for holistic education that not only delivers information but also promotes a sense of belonging and confidence in the institution. Universities that emphasize and gain the trust of their graduates contribute considerably to the overall development of individuals and society.

#### 4. The Impact of this Indicator on the Future of the University:

The future influence of graduates' trust is far-reaching. Alumni who have faith in their alma mater are more likely to become engaged and supporting members of the university community. This engagement can lead to higher charitable contributions, active participation in alumni events, and a positive reputation that attracts new students, faculty, and partners. Graduates who trust their university are also more willing to advocate for and contribute to the institution's ongoing success.

#### 5. Added Value of this Indicator to the University:

The added value of graduates' trust rests in the building of a potent and interconnected alumni network. Alumni who trust their university are more likely to be ambassadors, favorably affecting the institution's image and reputation. Furthermore, a high level of trust adds to a positive cycle of continual improvement, as feedback from alumni can be useful for enhancing academic programs, student services, and general university governance.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting graduates' trust is a risk to the long-term viability and success of a university. Alumni who feel disillusioned or unsatisfied may not only withhold support but could also share unfavorable experiences, harming the institution's reputation. Additionally, overlooking this signal loses the opportunity to tap into the abundance of information and experiences that alumni can contribute, hampering the university's growth and development.

The graduates' trust in the university and its actions is a strategic and valuable indication that extends beyond academic outcomes. It is a reflection of the institution's impact on individuals' lives and its capacity to provide a supportive and loving atmosphere. Actively creating and preserving this trust is an investment in the enduring success and positive legacy of the university.

#### *4.4- The students are satisfied with the services provided at the university.*

##### Ensuring Satisfaction: The Importance of Students' Contentment with University Services

#### 1. Why This Indicator is Important:

The indicator of students' satisfaction with the services given at the institution holds significant

relevance as it directly affects the quality of the overall student experience. Student satisfaction is a comprehensive measure that incorporates academic, administrative, and support services, influencing the students' well-being, engagement, and academic performance.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively establish and evaluate this indicator as it acts as a barometer of the institution's effectiveness in fulfilling the different demands of its student body. By understanding the elements that contribute to happiness, colleges can better their services, providing an environment conducive to learning, personal growth, and a pleasant university experience.

#### 3. Why We Included this Indicator in the Ranking:

Including students' satisfaction in the ranking underlines the dedication to comprehensive education. It emphasizes that a university's success is not just assessed by academic achievements but also by the general contentment and well-being of its students. A high degree of student satisfaction adds to a great reputation, attracting potential students and establishing a friendly community.

#### 4. The Impact of this Indicator on the Future of the University:

The future influence of pupils' contentment is substantial. Satisfied students are more likely to become engaged and active members of the university community, participating in extracurricular activities, contributing to a great campus culture, and creating a strong alumni network. Positive experiences during their academic journey also contribute to a higher likelihood of sustained support for the university in the form of donations, volunteering, and advocacy.

#### 5. Added Value of this Indicator to the University:

The additional value of students' pleasure resides in providing an environment that encourages student success and well-being. Satisfied students are more likely to thrive academically, create strong relationships with instructors and classmates, and develop skills and competencies that prepare them for future success. An institution that prioritizes student satisfaction gains a competitive edge, attracting top talent and generating a positive cycle of

success.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting students' contentment is a risk to the overall success and reputation of the university. Dissatisfied students may not only hurt the campus environment but can also share their experiences, hurting the institution's image. Furthermore, overlooking this signal means missing an opportunity to continuously develop and modify services to meet the evolving needs of the student body.

Students' satisfaction with the services provided at the institution is a key measure that extends beyond academic accomplishment. It is a measure of the institution's effectiveness in generating a good and supportive learning environment. Actively developing and emphasizing this indicator is an investment in the well-being, success, and future contributions of the student population, eventually defining the positive trajectory of the university.

### *4.5- The proportion of incoming international exchange students to the total number of students*

#### Embracing Global Diversity: The Significance of Incoming International Exchange Students

##### 1. Why This Indicator is Important:

The measure of the proportion of incoming international exchange students to the overall number of students is essential as it represents the global variety and inclusivity of a university. A greater percentage suggests a more internationally vibrant campus, enabling cross-cultural contacts, understanding, and a richer educational experience for all students.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively create this metric to assess their performance in attracting a diverse student base. It highlights the institution's dedication to providing students with a multinational education, preparing them for a world that is interconnected and interdependent. Developing this indicator coincides with the broader goal of increasing internationalization and cultural interchange within the academic community.

### 3. Why We Included this Indicator in the Ranking:

Including the proportion of incoming international exchange students in the ranking recognizes the value of a globally expanded learning environment. It emphasizes that colleges contributing to a varied and inclusive campus community are better positioned to prepare students for the globalized workforce, creating a spirit of openness and cultural awareness that transcends beyond academic bounds.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of a high proportion of incoming international exchange students is considerable. It not only increases the entire educational experience for all students but also equips them to thrive in a globalized employment environment. The exchange of ideas, perspectives, and cultural nuances helps to a more dynamic and inventive academic community, shaping the university's reputation and influence on a global scale.

### 5. Added Value of this Indicator to the University:

The added value of a varied student body, especially incoming international exchange students, is complex. It improves classroom discussions, stimulates teamwork, and broadens the horizons of all pupils. Additionally, it promotes the university as a friendly and inclusive institution, attracting top-tier talent and fostering successful international connections that transcend beyond academic areas.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the indicator of incoming international exchange students risks restricting the university's potential for developing a globally informed and linked academic community. Failure to attract and integrate students from varied cultural backgrounds can limit the range of educational experiences for all students, hampering their ability to prosper in an increasingly globalized environment.

The proportion of incoming international exchange students is a vital statistic that speaks to the university's dedication to global education and inclusivity. Actively developing and emphasizing this statistic not only enhances the educational experience for all students but also positions the university as a hub for international collaboration, building a reputation for excellence in a worldwide arena.



#### *4.6- The proportion of outgoing exchange students to the total number of students*

##### Fostering Global Citizens: The Crucial Role of Outgoing Exchange Students

###### 1. Why This Indicator is Important:

The proportion of outbound exchange students to the total number of students is a critical measure that demonstrates a university's commitment to producing global citizens. This metric reflects the institution's ability to enable students to widen their horizons, encounter diverse cultures, and acquire a global worldview.

###### 2. Why Universities Should Develop This Indicator:

Universities should actively promote this metric as it indicates their dedication to providing students with opportunities for worldwide exposure. Encouraging international exchange programs helps students embrace diversity, adjust to different cultures, and get a broader grasp of global challenges, all of which are critical skills for success in the 21st-century workforce.

###### 3. Why We Included this Indicator in the Ranking:

Including the proportion of outbound exchange students in the ranking emphasizes the role of institutions in not just recruiting global talent but also in contributing to global society. A high number of outgoing exchange students reflects a dedication to producing well-rounded individuals who are not just academically adept but also culturally aware and adaptive.

###### 4. The Impact of this Indicator on the Future of the University:

The future impact of a large number of outgoing exchange students is far-reaching. It portrays the institution as a promoter for global change by generating graduates who are not bound by geographical borders. These students, endowed with international experiences, contribute to a more interconnected world, encouraging cross-cultural collaboration and understanding in numerous professional domains.

###### 5. Added Value of this Indicator to the University:

The added value of an outgoing exchange program is tremendous. It improves the university's reputation as a forward-thinking institution that stresses the complete development of its students. The international experiences gained by students contribute to a diverse and

inclusive learning environment, fostering innovation, tolerance, and a global perspective that enriches the entire academic community.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the indicator of outgoing exchange students jeopardizes the university's ability to generate graduates able to navigate an increasingly international society. Failing to prioritize foreign exposure limits students' viewpoints and denies them the opportunity to develop essential abilities in intercultural communication, flexibility, and global citizenship.

The proportion of outgoing exchange students is a crucial statistic that demonstrates a university's dedication to producing internationally capable individuals. Developing and emphasizing this metric not only enriches the educational experience for students but also strengthens the institution's status as a leader in generating graduates equipped to contribute effectively to a varied and interconnected society.

#### *4.7- The proportion of students enrolled in special academic courses at the summer university to the total number of students.*

##### Enhancing Learning Opportunities: The Significance of Summer University Special Academic Courses

#### 1. Why This Indicator is Important:

The proportion of students enrolled in unique academic courses at the summer university to the overall number of students is a crucial indicator that indicates a university's dedication to providing diverse and interesting educational experiences. Summer university courses provide students with unique chances for skill development, academic discovery, and personal growth beyond the regular academic year.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively improve this indication to reflect their attention to delivering students a well-rounded education. Special academic classes during the summer provide an opportunity for students to dive into subjects outside their regular curriculum, engage in hands-on learning, and pursue interdisciplinary knowledge. Developing this indicator demonstrates a dedication to establishing a dynamic and innovative learning environment.

### 3. Why We Included this Indicator in the Ranking:

Including the proportion of students enrolled in special academic courses at the summer university in the ranking acknowledges the university's attempts to go beyond conventional education. It acknowledges colleges that encourage ongoing learning and provide students with the opportunity to explore specialist areas, engage with experts, and obtain practical skills outside the typical academic calendar.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of a high proportion of students participating in summer university courses is considerable. It signifies that the university is adaptive to changing educational needs, equipping students for a future where continual learning is crucial. Offering different summer courses increases the institution's reputation and attracts students seeking a holistic education that extends beyond traditional bounds.

### 5. Added Value of this Indicator to the University:

The added value of students enrolling in summer university special academic courses is diverse. It extends the learning experience by giving chances for hands-on projects, internships, and collaborations with industry specialists. This characteristic also adds to a strong campus culture, as students participate in intellectual pursuits during the summer, building a community of motivated and curious learners.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the indication of students enrolled in unique academic courses at the summer university impairs the institution's ability to provide a complete and innovative learning environment. Ignoring the potential of summer programs limits students' exposure to varied subjects, practical applications of knowledge, and the possibility of building skills that are increasingly valuable in today's changing employment market.

The proportion of students enrolled in special academic courses at the summer university is a crucial indication that speaks to a university's dedication to supporting continuous learning and providing students with a well-rounded education. Developing and prioritizing this statistic brings tremendous value to the institution, ensuring that it remains at the forefront

of educational innovation and prepares students for success in a continually shifting world.

#### *4.8- Students' registration and examination details and information data are protected and saved*

Ensuring Confidentiality and Security: Safeguarding Students' Registration and Examination Information

##### 1. Why This Indicator is Important:

The security and secure management of students' registration and examination details are crucial in sustaining the integrity and trustworthiness of a university. This indication is essential because it tackles the sensitive nature of personal and academic information, preserving the confidentiality and privacy of students' data, which is crucial for keeping their trust and complying with privacy legislation.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively improve this indication to demonstrate their commitment to safeguarding students' privacy and ensuring the secure handling of sensitive information. Developing solid systems and practices for securing registration and examination data is not only a legal and ethical requirement but also adds to providing a secure and conducive learning environment.

##### 3. Why We Included this Indicator in the Ranking:

Including the indication of protecting students' registration and examination records in the ranking stresses the importance of data security and privacy in the academic environment. Universities that emphasize and thrive in this area display their dedication to ethical practices, building a culture of trust among students, faculty, and stakeholders.

##### 4. The Impact of this Indicator on the Future of the University:

The future significance of a university's commitment to protecting students' information is far-reaching. As technology progresses and data becomes more vulnerable to cyber threats, institutions that invest in comprehensive cybersecurity measures position themselves as leaders in responsible data management. This not only safeguards the existing student body but also establishes a precedent for future procedures, ensuring the institution remains

resilient in the face of evolving cybersecurity concerns.

#### 5. Added Value of this Indicator to the University:

The added benefit of emphasizing the protection of students' registration and examination details resides in the construction of a secure and trusted academic environment. It strengthens the institution's reputation as one that takes data security seriously, recruits students who respect privacy, and contributes to a good perception among parents, guardians, and regulatory organizations.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the protection of students' registration and examination details jeopardizes the trust between the university and its students. A breach in data security can have significant effects, including legal ramifications, damage to the institution's reputation, and loss of student enrollment. Given the rising frequency and sophistication of cyber threats, institutions cannot afford to disregard the necessity of comprehensive data protection measures.

The indicator of preserving students' registration and examination details is vital for colleges seeking to provide a safe, trustworthy, and resilient academic environment. Actively growing and excelling in this area not only secures the privacy of present students but also fortifies the institution's image as a responsible guardian of sensitive information in an era of expanding technology and increased digital dangers.

### *5.1- The ratio of part-time faculty members to the total number of faculty members at the university*

#### Optimizing Educational Dynamics: The Significance of the Ratio of Part-Time Faculty Members

##### 1. Why This Indicator is Important:

The ratio of part-time faculty members to the total number of faculty members is a key statistic as it directly affects the diversity and dynamism of the academic environment. Part-time faculty members typically contribute real-world experience, industry insights, and a unique viewpoint to the classroom, increasing the learning experience for students. Understanding and controlling this ratio is vital for establishing a balanced and thorough teaching style.

## 2. Why Universities Should Develop This Indicator:

Universities should actively improve this indicator to guarantee a well-rounded faculty makeup that reflects a varied spectrum of knowledge. By judiciously incorporating part-time faculty members, institutions can tap into a wealth of practical knowledge, foster interdisciplinary learning, and give students a more holistic education. Developing this indicator is a proactive step toward fostering an inclusive and dynamic academic community.

## 3. Why We Included this Indicator in the Ranking:

Including the ratio of part-time faculty members in the ranking underscores the need for a balanced faculty composition. Universities that actively monitor and optimize this ratio display a dedication to providing students with a comprehensive education that blends academic knowledge with practical insights. This indicator demonstrates the institution's adaptability to changing educational needs and its focus on providing a well-rounded learning experience.

## 4. The Impact of this Indicator on the Future of the University:

The future impact of regulating the ratio of part-time faculty members is profound. As the landscape of education transforms, institutions that actively integrate varied teaching styles will be better positioned to fulfill the demands of an ever-changing labor market. This adaptability not only enhances the quality of education but also ensures the university's relevance and competitiveness in the long run.

## 5. Added Value of this Indicator to the University:

The added value of maximizing the percentage of part-time faculty members resides in the richer learning experiences for students. Part-time faculty members typically offer current industry techniques and real-world examples to the classroom, bridging the gap between theory and application. This added value increases the overall reputation of the university, attracting students who seek a well-rounded education that prepares them for the intricacies of the professional world.

## 6. Why Universities Should Never Neglect this Indicator:

Neglecting the ratio of part-time faculty members risks missing out on crucial contributions that these professionals can make to the academic environment. A lack of diversity in the faculty makeup may limit the viewpoints and experiences available to students, hampering

their preparedness for the difficulties of the modern workforce. Neglecting this signal is a missed opportunity to offer kids a thorough and relevant education.

The ratio of part-time faculty members is a vital indication that speaks to the adaptability, diversity, and future readiness of an institution. Actively controlling and optimizing this ratio leads to a vibrant and dynamic learning environment, presenting the institution as a leader in providing comprehensive education that prepares students for success in their future employment.

### *5.2- The level of satisfaction of faculty members of the HEI for the management of the university.*

Elevating Educational Excellence: Understanding Faculty Satisfaction with University Management

#### 1. Why This Indicator is Important:

The level of satisfaction among faculty members about university management is a significant benchmark for the overall health and efficacy of an academic institution. Faculty satisfaction directly determines the quality of teaching, research, and institutional morale. An engaged and content faculty contributes considerably to the pleasant academic atmosphere, enhancing students' educational experiences and the overall performance of the university.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively establish and measure faculty satisfaction with university management as it acts as a barometer for organizational health. Faculty members play a major role in the success of the university, and understanding their viewpoints on management techniques is crucial for maintaining a collaborative and supportive academic environment. Developing this indicator demonstrates a commitment to developing an institution that values and prioritizes the well-being of its academic community.

#### 3. Why We Included this Indicator in the Ranking:

Including teacher satisfaction in the ranking underscores the importance of a peaceful and supportive work environment within colleges. Institutions that actively monitor and promote faculty satisfaction exhibit a commitment to comprehensive excellence. This indicator

represents not only the quality of academic offerings but also the institution's attention to providing an environment where professors may thrive, favorably enhancing the overall educational experience.

#### 4. The Impact of this Indicator on the Future of the University:

The future influence of faculty satisfaction with university management is considerable. A content and engaged faculty is more likely to contribute meaningfully to research, teaching, and institutional development. This, in turn, increases the university's reputation, attracts high-level staff and students, and positions the university as a leader in education. The positive influence of contented teachers reverberates well into the future, affecting the destiny of the university.

#### 5. Added Value of this Indicator to the University:

The additional benefit of assessing and resolving faculty satisfaction rests in the formation of a positive and productive academic atmosphere. Satisfied faculty members are more likely to collaborate, innovate, and contribute to the university's success. This good work culture recruits and maintains top-tier professors, encourages institutional loyalty, and builds a lively academic community. The added value extends to increased faculty-student relationships, favorably improving the educational experience.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting faculty satisfaction with university management poses hazards to the general health and performance of the institution. A discontented faculty may lead to diminished productivity, increased turnover, and a less attractive academic atmosphere. Neglecting this signal is a missed chance to proactively address problems, increase institutional morale, and ensure the university remains an attractive and supportive workplace for academics.

The level of faculty satisfaction with university management is a vital indication that indicates the overall well-being and performance of an academic institution. Actively establishing, assessing, and resolving faculty satisfaction is an investment in the university's performance, influencing not only the professors but also the students and the institution's standing in the academic community.



### *5.3- The ratio of students/faculty members.*

#### Optimizing Academic Dynamics: The Significance of Student-to-Faculty Ratio in University Evaluation

##### 1. Why This Indicator is Important:

The student-to-faculty ratio is a critical parameter that determines the quality of education and the overall academic experience within an institution. This ratio directly influences the accessibility of faculty members to students, altering individualized learning, mentorship opportunities, and the effectiveness of classroom interactions. Maintaining an adequate student-to-faculty ratio is vital for maintaining a supportive and engaged educational environment.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively establish and monitor the student-to-faculty ratio to guarantee an ideal balance. This factor is crucial in establishing the university's dedication to giving individualized attention, fostering significant student-faculty interactions, and boosting the overall educational experience. Developing this ratio is a proactive step towards creating an atmosphere that prioritizes the quality of education and student success.

##### 3. Why We Included this Indicator in the Ranking:

Including the student-to-faculty ratio in the ranking shows the dedication to educational achievement. A positive ratio demonstrates an institution's effort to sustain an atmosphere that encourages excellent teaching, collaborative research, and individualized student engagement. This statistic is crucial to measuring the overall quality of academic interactions within the university, contributing significantly to its status in the broader academic environment.

##### 4. The Impact of this Indicator on the Future of the University:

The future impact of the student-to-faculty ratio is profound. An optimum ratio sets the foundation for greater student learning, increased faculty involvement, and a strong institutional reputation. Universities that maintain a favorable ratio are more likely to attract high-level staff and students, providing a climate conducive to continuing academic progress and innovation.

#### 5. Added Value of this Indicator to the University:

The additional value of monitoring and maintaining an ideal student-to-faculty ratio extends to various elements of university life. A balanced ratio supports successful teaching, facilitates faculty-student collaboration, and contributes to a healthy academic community. This, in turn, boosts the university's appeal to prospective students and faculty, adding value to its entire academic reputation.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the student-to-faculty ratio jeopardizes the quality of education and student experiences within the university. An uneven ratio may lead to overcrowded classes, restricted instructor availability, and hindered prospects for personalized learning. Neglecting this indicator risks weakening the basic features of a solid academic environment and may harm the university's competitiveness in the educational landscape.

The student-to-faculty ratio is a significant metric that directly affects the educational experience within an institution. Actively building and maintaining an appropriate ratio is vital for guaranteeing high-quality education, fostering meaningful contacts, and securing the institution's standing as a hub for academic success.

### *5.4- The number of professors who gained their doctoral degrees abroad.*

Fostering Global Academic Excellence: The Significance of Professors with International Doctorates

#### 1. Why This Indicator is Important:

The number of teachers who received their doctoral degrees overseas is an important metric that represents the worldwide intellectual diversity within a university. Professors with overseas Ph.D. degrees contribute a plethora of cross-cultural viewpoints, varied academic techniques, and an expanded grasp of global challenges, strengthening the entire academic environment. This statistic is vital for analyzing the internationalization and diversity of a university's faculty.

## 2. Why Universities Should Develop This Indicator:

Universities should actively promote and track the number of professors with international doctoral degrees as part of their commitment to promoting a globally inclusive academic community. This indication reflects the university's devotion to attracting and keeping faculty members with various educational backgrounds, contributing to a more complete and internationally aware learning environment.

## 3. Why We Included this Indicator in the Ranking:

Including the number of academics with international doctoral degrees in the ranking shows the significance put on global viewpoints and academic diversity. Universities that actively nurture faculty with international doctoral backgrounds indicate a dedication to providing students with a well-rounded and globally relevant education, increasing the university's status in the global academic arena.

## 4. The Impact of this Indicator on the Future of the University:

The future implications of having academics with overseas PhD degrees are substantial. It promotes the university as a focus for worldwide collaboration, research, and academic excellence. Faculty members with different academic backgrounds contribute to a vibrant intellectual community, stimulating innovation and educating students to navigate an increasingly interconnected and interdependent world.

## 5. Added Value of this Indicator to the University:

The increased advantage of having teachers with international PhD degrees extends to various elements of the university's activities. It increases the academic experience for students, enhances research capacities through varied viewpoints, and strengthens the institution's standing as a global center for learning. This indicator contributes tremendous value by encouraging a culture of openness, understanding, and global participation.

## 6. Why Universities Should Never Neglect this Indicator:

Neglecting the emphasis on academics with overseas PhD degrees risks reducing the diversity of thought and experiences within the university. A faculty largely formed of persons with foreign Ph.D. backgrounds contributes to a more comprehensive and enriching educational experience. Neglecting this metric may result in missing possibilities for worldwide

cooperation, less international visibility, and less competitive academic status.

The percentage of teachers having international doctoral degrees is a significant indicator that speaks to a university's dedication to global academic success. Actively improving this indicator supports a diverse, inclusive, and globally aware faculty, ultimately benefiting the entire university community and consolidating its standing in the worldwide academic arena.

#### *5.5- The proportion of non-academic staff/ administrative staff who have taken part in internationally-oriented further training programs.*

Empowering Administrative Excellence: The Significance of Internationally-Oriented Training for Non-Academic Staff

##### 1. Why This Indicator is Important:

The proportion of non-academic and administrative workers participating in internationally oriented additional training programs is an important measure that indicates a university's dedication to building a globally competent and efficient administrative workforce. In an increasingly interconnected world, administrative staff armed with foreign perspectives help the smooth functioning of the university's operations and boost its overall efficiency.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively establish and track the participation of non-academic and administrative staff in internationally oriented further training programs to guarantee that their workforce remains adaptive to global trends and issues. This statistic demonstrates the dedication to investing in the professional development of staff members, helping them to negotiate the challenges of an internationalized academic environment efficiently.

##### 3. Why We Included this Indicator in the Ranking:

Including this indicator in the ranking reflects the priority placed on the continual development of non-academic and administrative workers. Universities that encourage internationally oriented training for their administrative workers display a forward-thinking attitude to organizational success. It positions the institution as one that values and invests in the professional development of all its staff, contributing to its overall success and competitiveness.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a large number of non-academic and administrative staff involved in internationally-oriented further training programs is considerable. It positions the university to navigate a developing global landscape with agility. Well-trained administrative staff contribute to streamlined operations, effective international collaborations, and an increased reputation, assuring the institution's continuous success and adaptability.

#### 5. Added Value of this Indicator to the University:

The enhanced usefulness of this indication extends to different elements of university operations. Internationally-trained administrative workers provide a global perspective to their roles, promoting smoother cross-cultural communication and collaboration. This directly contributes to enhanced efficiency, increased efficacy in handling foreign collaborations, and a more resilient and adaptive administrative structure.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the emphasis on non-academic and administrative staff's participation in internationally-oriented further training programs risks developing a knowledge gap that could hamper the university's ability to handle global difficulties successfully. As administrative duties grow increasingly complicated and linked, disregarding this indication may result in administrative personnel less suited to face internationalization concerns, harming the overall efficiency and competitiveness of the institution.

The proportion of non-academic and administrative staff involved in internationally oriented additional training programs is a vital indicator of a university's continued performance. Actively developing and prioritizing this statistic ensures that the administrative workforce remains globally competent, contributing to streamlined operations, increased international relationships, and an institution that stands resilient in the face of future difficulties.

### *5.6- The proportion of employees with international experience (minimum 3 months).*

#### Fostering Global Perspectives: The Significance of Employees with International Experience

##### 1. Why This Indicator is Important:

The proportion of personnel with overseas experience (minimum 3 months) is a key measure

as it reflects the extent of global exposure within the university's workforce. Employees with international experience contribute a plethora of viewpoints, cultural awareness, and a complex worldview that considerably enriches the academic and administrative environment.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively nurture and monitor the proportion of workers who have international experience as part of their commitment to fostering a globally-minded community. This indication refers to the institution's focus on creating chances for professional and personal growth, encouraging staff to engage with diverse cultures, educational systems, and research contexts.

#### 3. Why We Included this Indicator in the Ranking:

Including this indicator in the ranking underscores the significance placed on developing an internationalized work environment. Universities that actively develop and promote international experiences for their staff contribute to a healthy and dynamic community. This commitment positions the university as a global participant, drawing talent and promoting an atmosphere of cultural exchange and collaboration.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of having staff with international expertise is considerable. It strengthens the university's capacity to engage in worldwide collaborations, attract international students and staff, and participate in research networks with a truly global reach. This indicator positions the university for ongoing growth, innovation, and relevance in an increasingly linked world.

#### 5. Added Value of this Indicator to the University:

The added advantage of having a substantial share of staff with international expertise is complex. It adds to a culturally rich and diverse work environment, stimulating creativity and innovation. Furthermore, individuals with foreign experience bring a global network, facilitating international partnerships, research collaborations, and a broader viewpoint in decision-making processes.

## 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development of personnel with foreign experience risks stagnation in an era where global involvement is crucial to academic and institutional success. This indicator demonstrates the university's dedication to preparing its workers for an interconnected future. Neglecting it may result in a less adaptive, less globally aware workforce, hurting the institution's capacity to negotiate international issues and opportunities successfully.

The proportion of personnel with international experience is a vital indicator of a university's worldwide standing and future performance. Actively improving this statistic fosters a culturally diverse, inventive, and globally engaged workforce, placing the institution as a leader in the international higher education scene.

### *5.7- The proportion of academic Staff younger than 35 years old.*

#### Nurturing Academic Excellence: The Significance of a Youthful Academic Staff

##### 1. Why This Indicator is Important:

The proportion of academic staff younger than 35 years old is an important indicator that reflects the vibrancy and dynamism of a university's academic community. It testifies to the institution's capacity to attract and retain young, inventive minds that provide fresh perspectives, energy, and a contemporary approach to teaching, research, and academic leadership.

##### 2. Why Universities Should Develop This Indicator:

Universities should intentionally develop a healthy proportion of academic personnel under the age of 35 as part of their strategic strategy for sustainability and growth. Young academics frequently bring a unique blend of energy, cutting-edge research ideas, and a relevant teaching style that resonates with the developing demands of today's varied student body.

##### 3. Why We Included this Indicator in the Ranking:

Including this indicator in the ranking highlights the understanding of the relevance of a broad age demography among academic personnel. A higher proportion of younger faculty members demonstrates a commitment to building an inclusive academic climate that encourages rising talent and provides chances for mentorship and information exchange between generations.

#### 4. The Impact of this Indicator on the Future of the University:

The prospective impact of having a high share of academic personnel under 35 is profound. It ensures a continuous influx of fresh ideas, innovation, and flexibility to evolving educational trends and technologies. This indication positions the university as a forward-looking institution capable of meeting the challenges and possibilities of the future with a dynamic and resilient academic community.

#### 5. Added Value of this Indicator to the University:

The extra value of keeping a youthful academic staff extends to numerous elements of university life. Young academics typically play a vital role in building a culture of research excellence, adding to the university's reputation for cutting-edge study. Additionally, their relatability to younger students enriches the learning experience and fosters mentorship relationships that cross generational boundaries.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the growth of a proportionate number of academic staff under 35 jeopardizes the institution's ability to stay at the forefront of academic innovation. Failure to attract and retain young talent may lead to stagnation, hampering the university's responsiveness to burgeoning disciplines, shifting pedagogies, and the changing expectations of students.

The share of academic staff under 35 is a critical indicator for a university's intellectual vitality and future resilience. Actively creating and maintaining a broad age demography among faculty members ensures a well-rounded, adaptive, and forward-thinking university that remains relevant in the ever-evolving world of higher education.

### *5.8- The proportion of Academic staff older than 65 years old.*

#### Striking a Balance: The Significance of Academic Staff Above 65 Years Old

##### 1. Why This Indicator is Important:

The proportion of academic staff beyond 65 years old is a crucial indicator that offers information on the diversity and experience within a university's academic community. It serves as a crucial metric of institutional continuity, providing insight into the retention of



seasoned instructors and their contributions to the university's intellectual legacy.

## 2. Why Universities Should Develop This Indicator:

Developing this metric is vital for universities wanting to utilize the abundance of experience and institutional expertise that senior academic staff provide. These seasoned experts typically act as mentors, guiding younger faculty members and offering historical context that enriches the teaching environment.

## 3. Why We Included this Indicator in the Ranking:

Including this indicator in the ranking highlights the dedication to recognizing and respecting the contributions of senior academics. It understands that a well-rounded academic community benefits from a range of perspectives, including those established through decades of teaching, research, and institutional service.

## 4. The Impact of this Indicator on the Future of the University:

The future impact of sustaining a proportion of academic personnel above 65 is varied. These veteran educators bring stability, continuity, and a profound awareness of the institution's traditions. Their presence helps to a feeling of institutional memory, producing a unified university culture that spans the past, present, and future.

## 5. Added Value of this Indicator to the University:

The added value resides in the unique insights and mentorship that senior academic professionals may supply. Their depth of expertise adds to the intellectual fabric of the university, offering direction to both staff and students. Additionally, their presence might strengthen the prestige of the university, luring students and professors seeking a rich academic atmosphere.

## 6. Why Universities Should Never Neglect this Indicator:

Neglecting the fraction of academic workers above 65 would imply ignoring a vital population that has much to give. Senior academics have a critical role in sustaining institutional norms, acting as guardians of academic traditions, and providing a stabilizing factor during periods of transition. Neglecting this demographic risks losing a critical link to the university's history and identity.

The proportion of academic staff above 65 is a significant part of a university's demographic landscape. Balancing the age distribution among the faculty ensures a balanced blend of expertise and innovation, contributing to the institution's durability, reputation, and capacity to give a well-rounded education to its students.

### *6.1- The ratio of Income from other sources/ to the main income of the university.*

Diversifying Resources: The Significance of the Ratio of Income from Other Sources to Main Income

#### 1. Why This Indicator is Important:

The percentage of income from other sources to the main income of the university is a crucial financial indicator that gauges the institution's capacity to diversify its revenue streams. This statistic provides insights into the financial resilience, adaptability, and sustainability of the university outside traditional financing sources.

#### 2. Why Universities Should Develop This Indicator:

Developing this metric is crucial for universities seeking financial stability and long-term viability. Relying primarily on traditional income sources, like as tuition and government financing, might be problematic. By fostering a diversified range of income streams, universities may better navigate economic risks, invest in strategic initiatives, and weather financial crises.

#### 3. Why We Included this Indicator in the Ranking:

Inclusion of this indicator in the ranking highlights the awareness that a financially sound university is better positioned to accomplish its academic goal. A varied income portfolio implies prudent financial management and an institution's ability to innovate and invest in areas that enhance the overall student experience and academic excellence.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of a favorable ratio of revenue from varied sources is considerable. It positions the institution to prosper in a shifting educational landscape by limiting financial risks and increasing adaptation. This resilience ensures that the institution can continue to

deliver high-quality education, research opportunities, and student support, independent of external economic volatility.

#### 5. Added Value of this Indicator to the University:

The extra value resides in the financial flexibility and strategic advantages acquired by diversifying income sources. Universities with a healthy ratio of money from diverse avenues can invest in infrastructure, technology, faculty development, and student services. This not only enhances the educational experience but also contributes to the institution's reputation and attractiveness to prospective students and faculty.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the ratio of money from other sources to the main income jeopardizes the financial sustainability of the university. Overreliance on a single financing stream exposes the institution to heightened financial risks. By disregarding the development of varied income sources, colleges may find themselves confined in pursuing innovative projects, expanding academic offerings, or weathering economic downturns.

The ratio of income from secondary sources to the main income is a cornerstone for financial health and long-term success. Universities must actively build and manage this indicator to protect their financial future, foster resilience, and ensure they can continue to serve their educational mission amidst an ever-changing economic context.

### *6.2- The proportion of the University's budget for international cooperation, MoUs, and international relations.*

Strategic Investment: The Significance of the Proportion of the University's Budget for International Cooperation, MoUs, and International Relations

#### 1. Why This Indicator is Important:

The amount of the university's budget given to foreign collaboration, Memorandums of Understanding (MoUs), and international relations is a critical measure demonstrating the institution's commitment to global participation. This indicator is significant as it assesses the university's attention to forging international alliances, strengthening its worldwide status, and providing students with a truly comprehensive and globally informed education.

## 2. Why Universities Should Develop This Indicator:

Developing this metric is crucial for universities striving to be globally competitive and academically flourish. In a linked world, institutions must push beyond national lines to expose students to varied ideas, encourage collaborative research, and prepare graduates for a globally integrated job market. Allocating a dedicated budget to overseas projects displays a strategic commitment to these goals.

## 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in the ranking reflects the recognition of global participation as a crucial aspect of a university's purpose. Institutions actively engaging in international cooperation contribute to the formation of a global academic community, increasing the overall learning experience and encouraging cross-cultural understanding. This metric, therefore, plays a key role in measuring the comprehensive quality of a university.

## 4. The Impact of this Indicator on the Future of the University:

The future significance of a big budget for international collaboration is enormous. It promotes the university as a worldwide player, attracting top talent, facilitating joint research, and giving students chances for foreign experience. This, in turn, increases the institution's reputation, broadens its academic offerings, and equips students to flourish in an increasingly interconnected world.

## 5. Added Value of this Indicator to the University:

The added value lies in the strategic advantages acquired by engaging in international partnerships. A designated budget for global initiatives allows the institution to establish alliances, exchange programs, and cooperative research projects, giving students and faculty a broader intellectual environment. This not only raises the university's academic prestige but also contributes to the development of a culturally varied and globally conscious student body.

## 6. Why Universities Should Never Neglect this Indicator:

Neglecting the allocation of a dedicated budget for international cooperation risks relegating the institution to a parochial stance in an era where global perspectives are vital to academic quality. Institutions that disregard this indicator miss out on the opportunity to leverage the

full potential of foreign collaborations, restricting their capacity to provide students with a comprehensive and globally relevant education.

The proportion of the university's budget for international collaboration, MoUs, and foreign relations is a strategic investment in the institution's worldwide standing and long-term success. Universities must actively create and manage this indicator to position themselves as essential players in the global academic scene, stimulating international collaboration, and preparing students for success in a fast-developing world.

### *6.3- The proportion of third-party funding from international sponsors.*

Unlocking Global Opportunities: The Significance of the Proportion of Third-Party Funding from International Sponsors in University Development

#### 1. Why This Indicator is Important:

The amount of third-party support from international sponsors is a crucial measure that represents the financial variety and worldwide reach of a university. This indicator goes beyond typical financial sources, highlighting the institution's potential to garner assistance and collaborations from worldwide groups. It emphasizes the university's global network and its capacity to secure resources beyond national borders.

#### 2. Why Universities Should Develop This Indicator:

Developing this metric is vital for universities seeking financial resilience and global reputation. Relying primarily on domestic financing sources may limit an institution's growth potential. Actively seeking third-party support from overseas sponsors displays proactive financial planning, diversity, and the ability to tap into a bigger pool of resources, encouraging sustainability and resilience.

#### 3. Why We Included this Indicator in the Ranking:

Inclusion of this indicator in the ranking is crucial for analyzing the financial robustness and worldwide competitiveness of a university. Institutions that actively cultivate partnerships with overseas sponsors contribute greatly to their financial stability and strengthen their reputation as global players. This indicator, therefore, plays a key role in evaluating the overall strength and sustainability of a university.

#### 4. The Impact of this Indicator on the Future of the University:

The potential impact of a considerable amount of third-party money from international sponsors is revolutionary. It positions the university as a magnet for worldwide alliances and collaborations, creating options for cooperative research, student exchange programs, and foreign projects. This not only enhances the financial base but also moves the organization into a position of worldwide influence and creativity.

#### 5. Added Value of this Indicator to the University:

The added value resides in the strategic benefits achieved through various funding sources. Securing financing from international sponsors boosts the university's capacity to invest in cutting-edge research, facilities, and educational activities. This financial diversification also insulates the institution from economic uncertainty and provides the resources needed to maintain a world-class academic environment.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development of third-party funding from overseas sponsors is a squandered chance for institutions to elevate their financial status and worldwide effect. Institutions that overlook this indication risk overreliance on local funding, thus restricting their ability to invest in vital areas and compete at an international level. This disregard may hinder the institution's growth and impact on a worldwide scale.

The proportion of third-party funding from international sponsors is a strategic priority for institutions looking to guarantee their financial future and boost their global influence. Actively creating and controlling this indicator is vital for unlocking varied financing opportunities, fostering international collaborations, and assuring the institution's long-term success and survival.

#### *6.4- The proportion of the budget for international research cooperation and scholarship funds.*

Nurturing Global Engagement: The Significance of the Proportion of Budget for International Research Cooperation and Scholarship Funds in University Development

#### 1. Why This Indicator is Important:

The proportion of the budget allotted for international research cooperation and scholarship grants is a critical indication that demonstrates a university's commitment to encouraging global involvement. It demonstrates the institution's mission to promote international collaboration, and knowledge exchange, and support scholars globally. This statistic is crucial in creating the university's identity as a hub for global learning and research.

#### 2. Why Universities Should Develop This Indicator:

Developing this indicator is crucial for universities seeking to be worldwide leaders in academia and research. By investing a large amount of the budget in international research cooperation and scholarship grants, universities indicate their commitment to helping the global academic community. This not only recruits top-tier talent but also establishes the university as a promoter for cross-cultural collaboration and innovation.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in the ranking is vital for judging a university's dedication to global excellence. Institutions that prioritize international research cooperation and scholarship grants contribute to the advancement of knowledge on a global scale. This indicator, thus, serves as a fundamental measure of a university's effect, reach, and influence within the global academic community.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of a considerable part of the budget for international research cooperation and scholarship funds is profound. It portrays the university as a lighthouse for scholars globally, encouraging a diverse and inclusive academic environment. The long-term benefit includes an enhanced research ecosystem, a global network of collaborative collaborations, and an elevated place in international rankings.

#### 5. Added Value of this Indicator to the University:

The extra value lies in the far-reaching benefits generated from investments in worldwide research partnerships and scholarship funding. Supporting overseas scholars promotes the university's intellectual diversity, providing diverse viewpoints and approaches to problem-solving. This, in turn, enriches the academic experience for all stakeholders, leading to a

vibrant and dynamic learning environment.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development of a considerable budget for international research cooperation and scholarship funding is a squandered chance for institutions to really embrace their global role. Universities that overlook this signal risk restricting their impact, missing out on lucrative collaborations and failing to recruit the greatest brains from around the world. Neglecting this indicator diminishes the institution's potential for global leadership and innovation.

The proportion of the budget for foreign research cooperation and scholarship grants is not only a cash allocation; it is a strategic investment in global academic achievement. Actively creating and maintaining this indicator is vital for universities to fulfill their position as global institutions, fostering collaboration, supporting scholars, and contributing to the advancement of knowledge on a worldwide scale.

#### *6.5- The proportion of the budget for international higher education marketing.*

Elevating Global Presence: The Importance of the Proportion of Budget for International Higher Education Marketing in University Development

##### 1. Why This Indicator is Important:

The proportion of the money dedicated to foreign higher education marketing is an important measure that demonstrates a university's commitment to worldwide visibility and outreach. It reflects the institution's strategic approach to promoting its academic programs, attracting diverse personnel, and strengthening its global position. This indicator is essential in establishing the story of the university on the international stage.

##### 2. Why Universities Should Develop This Indicator:

Developing this indicator is crucial for colleges trying to portray themselves as worldwide leaders in education. In an increasingly competitive context, effective marketing is crucial to emphasize the distinctive features of the institution, attract top-tier students and staff, and develop solid collaborations. Allocating a considerable budget to foreign higher education marketing guarantees that the university's brand is widely known and celebrated.



### 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in the ranking is vital for measuring a university's proactive approach to global participation. An institution that engages in international higher education marketing exhibits a dedication to addressing a diverse audience of prospective students, faculty, and partners. This indicator, therefore, serves as a critical indication of a university's capacity to successfully communicate its strengths and possibilities.

### 4. The Impact of this Indicator on the Future of the University:

The prospective impact of a big budget for worldwide higher education marketing is profound. It presents the university as a sought-after destination for students and intellectuals globally. The greater visibility draws a varied pool of talent, stimulates cross-cultural exchanges, and helps the institution's continued growth, influence, and relevance on the global stage.

### 5. Added Value of this Indicator to the University:

The added value lies in the wide benefits received from investments in international higher education marketing. A well-executed marketing plan boosts the university's brand, resulting in higher applications, a more varied student body, and improved international relationships. The extra value extends to enhanced rankings, alumni engagement, and a favorable impact on the broader institution ecosystem.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the formation of a considerable budget for international higher education marketing is a missed opportunity for universities to amplify their worldwide effect. In an era where information is accessible, universities that overlook this signal risk being eclipsed by competitors with more effective marketing campaigns. Neglecting this metric diminishes the institution's potential to attract the greatest brains and establish influential collaborations.

The proportion of the budget for foreign higher education marketing is not only an expense; it is a strategic investment of worldwide importance. Actively creating and controlling this indicator is vital for institutions to distinguish themselves on the world stage, recruit varied talent, and establish a global community of learners and researchers.

## *6.6- The proportion of expenditure of the university on Research and development (R&D) activities to the total expenditure of the university.*

Fostering Innovation and Excellence: The Significance of Expenditure on Research and Development (R&D) Activities in University Operations

### 1. Why This Indicator is Important:

The proportion of expenditure on Research and Development (R&D) activities to the total expenditure of the university is a critical measure reflecting the institution's dedication to expanding knowledge, promoting innovation, and contributing to societal progress. This statistic encompasses the financial commitment to cutting-edge research, technology creation, and the pursuit of solutions to challenging global concerns.

### 2. Why Universities Should Develop This Indicator:

Developing this indicator is crucial for colleges hoping to be at the forefront of innovation and knowledge development. A significant emphasis on R&D activities is synonymous with academic success, attracting top-tier staff and students, and establishing the university as a hub for revolutionary discoveries. Investing in R&D builds the foundation for academic eminence and raises the institution's status in the worldwide academic community.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in the ranking is vital for evaluating a university's dedication to pushing the boundaries of knowledge. A higher proportion of expenditure on R&D shows a proactive dedication to academic research, technical developments, and contributing to scientific discourse. Universities with a substantial R&D concentration play a key role in shaping the future and tackling pressing global concerns.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of a high fraction of expenditure on R&D activities is far-reaching. It promotes the university as a promoter for innovation, attracting visionary researchers, industrial partnerships, and financing opportunities. The benefits of R&D investments contribute to the university's long-term viability, influence, and relevance in a rapidly shifting academic world.

#### 5. Added Value of this Indicator to the University:

The added value lies in the revolutionary outcomes arising from concerted investments in R&D. Universities with a high proportion of investment in this sector are more likely to conduct new research, receive research funding, and establish themselves as leaders in emerging fields. The added value extends to enhanced relationships, better visibility, and a favorable impact on the university's academic and research ecosystem.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development of a major amount of investment in R&D activities is a squandered chance for universities to contribute meaningfully to global advancement. In an era where innovation is a crucial engine of societal progress, colleges that disregard this indicator risk falling behind in the struggle for academic excellence, research impact, and societal relevance.

The proportion of expenditure on Research and Development activities to the total expenditure of the institution is not only a financial indicator; it is a strategic investment in the future. Actively developing and managing this indicator is vital for universities to position themselves as leaders in innovation, research, and the advancement of knowledge, thereby building a future where academia plays a central role in tackling the world's concerns.

### *7.1- General number of students in class.*

#### Optimizing the Learning Environment: The Significance of Class Size in University Education

##### 1. Why This Indicator is Important:

The general number of students in a class is a vital indication defining the quality of education and the overall learning experience inside a university. It immediately changes the relationships between students and teachers, altering engagement, customized attention, and the success of instructional practices. As such, it acts as a barometer for the institution's dedication to delivering a conducive and interactive learning environment.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively develop and manage class size as it substantially affects the educational experience. By customizing class sizes to support effective student-teacher

interactions, institutions can enhance the quality of education, boost student achievement, and create an environment conducive to collaborative learning. This indication is a reflection of a university's approach to giving an education that goes beyond mere instruction, stressing meaningful student participation and individualized support.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of class size in university rankings is vital for evaluating the institution's dedication to offering a high-quality education. Smaller class sizes frequently correlate with a more customized and engaged learning environment, adding to student achievement and happiness. Recognizing the importance of this factor in rankings motivates colleges to prioritize the optimization of class sizes and highlights its role in creating the broader educational landscape.

### 4. The Impact of this Indicator on the Future of the University:

The future significance of regulating class size effectively is substantial. Universities that favor reduced class sizes are likely to experience more student engagement, higher retention rates, and superior academic success. This, in turn, adds to a strong reputation, attracting top-tier students and teachers. Moreover, it provides a basis for lifetime learning habits and a sense of community among students, promoting an environment where education is not only about subject delivery but a holistic and transforming experience.

### 5. Added Value of this Indicator to the University:

The extra value of optimizing class size comes in the various benefits it delivers to the university. Smaller class numbers allow for more personalized interactions between students and teachers, promoting mentorship and individualized support. This can lead to a stronger sense of belonging for students, increased teamwork, and a higher possibility of academic achievement. Additionally, colleges with a reputation for regulating class size well are better positioned to attract high-level staff and students, leading to a virtuous cycle of academic performance.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the control of class size is a disservice to the basic aim of universities—education. Large class sizes can lead to diluted student-teacher interactions, impeded personalized

learning, and poor overall satisfaction. Neglecting this indication risks lowering the quality of education, reducing the university's appeal, and hurting its potential to build an atmosphere where students succeed academically and personally.

The general number of pupils in a class is not only an administrative issue; it is a key part of the educational experience. Developing and enhancing this indicator is crucial to a university's commitment to providing an enriched and transformative education, ensuring that students are not merely passive users of knowledge but active participants in a dynamic and engaging learning environment.

### *7.2- The number of Stakeholder engagement meetings every year.*

Fostering Collaboration and Transparency: The Significance of Stakeholder Engagement Meetings in Universities

#### 1. Why This Indicator is Important:

The number of stakeholder engagement meetings annually serves as a significant statistic in analyzing a university's commitment to encouraging collaboration and maintaining transparent communication with its different stakeholders. Stakeholders, including students, teachers, staff, alumni, and community members, play key roles in creating the identity and success of an institution. Regular engagement sessions provide a venue for open debate, ensuring that the university remains responsive to the needs and expectations of its broader community.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively create and emphasize the number of stakeholder engagement meetings as a strategic goal for numerous reasons. These sessions give a formal platform for institutions to obtain input, share updates, and involve stakeholders in the decision-making processes. By cultivating a culture of openness and collaboration, universities can harness the insights gleaned from these engagements to revise policies, expand academic offerings, and build a deeper sense of community among stakeholders.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of stakeholder engagement meetings in institution rankings highlights the

necessity of transparent and inclusive governance. Universities that actively incorporate stakeholders in decision-making processes exhibit a commitment to shared governance, accountability, and responsiveness. Recognizing this indicator in rankings encourages colleges to pursue stakeholder interaction, emphasizing its role in developing a resilient and flexible institution.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of regular stakeholder interaction is enormous. It offers a framework for a collaborative, adaptive, and responsive university ecosystem. By actively involving stakeholders, universities may foresee and negotiate issues efficiently, create deeper relationships with their community, and ensure that their strategic vision matches the shifting requirements of the many groups they serve. This, in turn, adds to a strong reputation, continuous support, and long-term institutional success.

#### 5. Added Value of this Indicator to the University:

The added value of emphasizing stakeholder involvement resides in the depth of connections and the wealth of information received. Regular discussions with stakeholders generate a sense of shared responsibility and ownership, establishing a community that is invested in the success of the university. This dynamic collaboration not only boosts the quality of decision-making but also adds to a healthy organizational culture, attracting and maintaining top staff, students, and partners.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the number of stakeholder engagement meetings risks creating a communication gap between the university and its different constituents. This neglect can lead to a lack of awareness, confusion, and potential disengagement among stakeholders. Regular engagement, on the other hand, ensures that the university remains sensitive to the pulse of its community, enabling it to address problems proactively, celebrate triumphs jointly, and build a pleasant and collaborative environment.

The number of stakeholder engagement meetings is not merely a numeric indicator; it is a sign of a university's commitment to transparency, inclusion, and collaborative governance. Developing and prioritizing this indicator contributes to the construction of a resilient and

adaptive institution, ensuring that the university remains a thriving hub of learning, innovation, and beneficial influence within its broader community.

### *7.3- The number of libraries at the university.*

#### Promoters of Knowledge: The Crucial Role of University Libraries

##### 1. Why This Indicator is Important:

The number of libraries at a university is a critical indicator that reflects the institution's dedication to offering comprehensive and accessible resources for academic and intellectual endeavors. Libraries serve as the backbone of any academic institution, operating as repositories of knowledge, stimulating research, and supporting the learning requirements of students and professors alike.

##### 2. Why Universities Should Develop This Indicator:

The establishment and preservation of libraries should be a strategic goal for institutions. These institutions should consistently invest in growing and strengthening their library infrastructure to suit the evolving needs of a dynamic academic community. Libraries contribute to the academic vigor of a university by providing a varied range of resources, from traditional books to digital archives, promoting an environment conducive to study, scholarship, and intellectual discovery.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of libraries in university rankings reflects the relevance of library infrastructure in the entire academic landscape. A university with a higher number of well-equipped libraries displays a dedication to providing students and teachers with enough resources to assist their academic aspirations. This inclusion encourages colleges to invest in and prioritize the development of library facilities.

##### 4. The Impact of this Indicator on the Future of the University:

The future significance of a university's library infrastructure is enormous. As technology progresses and academic disciplines diversify, libraries become crucial in encouraging interdisciplinary research, fostering innovation, and supporting lifelong learning. A well-established library system guarantees that a university remains at the forefront of knowledge

dissemination, contributing to its long-term academic excellence and relevance.

#### 5. Added Value of this Indicator to the University:

The value of investing in a comprehensive library system extends beyond the immediate academic needs of students and faculty. Libraries are hubs for collaborative learning, research partnerships, and community participation. They bring immense value to the university by attracting top-tier staff and students, improving the institution's research output, and consolidating its position as a center for intellectual inquiry and academic excellence.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the creation and maintenance of libraries undermines the academic foundation of an institution. Libraries are not only warehouses of books; they are dynamic venues that nurture a culture of intellectual curiosity and academic research. A university that neglects its library infrastructure risks restricting the potential of its academic community, impeding research productivity, and reducing its status in the worldwide academic environment.

The number of libraries at a university is a vital indicator that represents the institution's dedication to academic quality, research, and the holistic development of its community. Developing and prioritizing this indicator contributes to the formation of a lively academic environment, ensuring that a university remains a beacon of knowledge and a promoter for intellectual progress and creativity.

### *7.4- The number of e-libraries at the university.*

#### Empowering the Digital Frontier: The Significance of E-Libraries in Universities

##### 1. Why This Indicator is Important:

The number of e-libraries at a university is a critical indicator demonstrating the institution's commitment to embracing the digital age and providing a technologically enhanced platform for accessing and spreading knowledge. E-libraries serve as virtual gateways to a vast array of academic resources, giving flexibility, accessibility, and adaptation in an era where knowledge is increasingly digital.



## 2. Why Universities Should Develop This Indicator:

In the contemporary context, where knowledge is at our fingertips, colleges must develop to suit the changing needs of the academic community. Developing e-libraries is crucial as it connects with the digital transformation of education. E-libraries offer a dynamic, 24/7 learning environment, catering to varied learning styles and interests. Universities should invest in building and enhancing e-libraries to ensure that their students and faculty have seamless access to a multitude of digital resources.

## 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of e-libraries in university rankings highlights the importance of digital literacy and the role technology plays in defining modern education. Universities that focus on and invest in e-libraries reflect a forward-thinking approach, boosting the whole academic experience. This inclusion encourages institutions to embrace technology for knowledge dissemination, setting a benchmark for their commitment to staying at the forefront of educational innovation.

## 4. The Impact of this Indicator on the Future of the University:

The future influence of e-libraries on colleges is revolutionary. As technology continues to improve, e-libraries will play an increasingly essential role in allowing remote learning, collaborative research, and worldwide knowledge exchange. The integration of artificial intelligence and machine learning in e-libraries will customize learning experiences, making education more flexible and responsive to individual requirements. Universities that invest in e-libraries present themselves as pioneers in defining the future of education.

## 5. Added Value of this Indicator to the University:

The significance of e-libraries to a university is complex. Firstly, e-libraries broaden the accessibility of educational resources beyond physical limits, making knowledge available to a global audience. Secondly, they contribute to the institution's reputation by displaying a dedication to innovation and technical advancement. E-libraries also encourage a culture of continuous learning, preparing students for a digitalized workforce and increasing the university's overall academic standing.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the creation of e-libraries is equivalent to disregarding the revolutionary potential of technology in education. In an era where information is rapidly digitized, colleges that ignore to invest in e-libraries risk falling behind in terms of academic relevance, global competitiveness, and student pleasure. E-libraries are not only a technological amenity; they are crucial to the growing character of education.

The number of e-libraries at a university is a vital indicator demonstrating the institution's commitment to embracing the digital revolution in education. Developing and prioritizing e-libraries is not merely a response to existing trends; it is an investment in the future of education, ensuring that universities remain at the forefront of knowledge dissemination, technological innovation, and academic success.

#### *7.5- How many campuses does the university have?*

##### The Significance of University Campuses: Navigating the Academic Landscape

#### 1. Why This Indicator is Important:

The number of campuses a university holds is a crucial indication that provides insights into the institution's physical reach, infrastructure, and capability. It is vital for understanding the magnitude and diversity of the university's operations, its accessibility to students, and the degree of its contributions to regional and worldwide educational environments.

#### 2. Why Universities Should Develop This Indicator:

Developing and maintaining a clear count of university campuses is vital for strategic planning and resource allocation. It enables universities to find areas for expansion, consolidation, or improvement. This indicator serves as a core element in the complete planning of academic offerings, student services, and infrastructural development. Knowing the number of campuses is crucial for institutions trying to enhance their physical presence and academic influence.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of campuses in university rankings acknowledges the impact of physical infrastructure in defining the academic experience. It is a recognition of the work

colleges put into building and maintaining various physical spaces that cater to the demands of a broad student body. The number of campuses contributes to the overall evaluation of a university's worldwide footprint, demonstrating its dedication to accessibility and educational inclusion.

#### 4. The Impact of this Indicator on the Future of the University:

The future influence of the number of campuses a university has is dynamic. As higher education continues to evolve, campuses will play a critical role in fostering diverse learning environments. The capacity to proactively expand or streamline campuses based on new educational trends, technology breakthroughs, and demographic shifts will position institutions for long-term success. The versatility of campus infrastructure will be crucial in addressing evolving student needs and preferences.

#### 5. Added Value of this Indicator to the University:

The number of campuses adds tremendous value to a university's brand and strategic posture. It displays a dedication to offering accessible education to a broader community, supporting regional growth, and contributing to the socio-economic fabric of various areas. Multiple campuses can strengthen a university's ability to provide specialized programs, creating centers of excellence that attract a broad student base.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the indicator of the number of campuses is equivalent to neglecting the physical dimension of education. It restricts colleges from optimizing their regional and global effect, reducing their ability to reach a broad student base. Neglecting to create and maintain campuses could result in wasted chances for collaboration, cultural exchange, and creative learning environments, potentially lowering a university's overall competitiveness.

The number of campuses a university possesses is a comprehensive indicator that extends beyond just physical infrastructure. It encapsulates an institution's dedication to accessibility, diversity, and adaptation in the ever-changing context of higher education. Universities that develop and exploit this signal deliberately will be better positioned to navigate the difficulties and opportunities of the future academic terrain.

### *8.1- Number of cultural activities of the HEIs during the last academic year.*

#### The Significance of Cultural Activities in Higher Education Institutions: Fostering Enriched Learning Environments

##### 1. Why This Indicator is Important:

The amount of cultural activities organized by Higher Education Institutions (HEIs) is a critical indicator that represents the vibrant and holistic quality of the academic environment. Cultural activities contribute considerably to the overall student experience, developing creativity, critical thinking, and a feeling of community. They give a platform for students to explore varied interests, express themselves, and engage in engaging experiences beyond the regular academic curriculum.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively establish and track the amount of cultural activities as they coincide with the greater purpose of giving a well-rounded education. These activities go beyond the classroom, allowing students chances for personal and intellectual growth. By investing in cultural events, universities can build inclusive places that celebrate diversity, stimulate conversation, and nurture a vibrant campus culture. This indicator provides a practical indication of a university's commitment to holistic education.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of cultural events in institution rankings acknowledges the vital role these activities play in creating the entire student experience. A vibrant cultural calendar boosts the attraction of a university to potential students, faculty, and collaborators. It signifies a vibrant and engaging learning environment, contributing to the overall prestige and desirability of the university.

##### 4. The Impact of this Indicator on the Future of the University:

The future influence of a vigorous cultural activities program is tremendous. As the landscape of higher education transforms, universities that prioritize and enhance cultural offerings will be better positioned to fulfill the changing requirements and expectations of students. These activities contribute to a university's resilience, developing adaptation and innovation among students who will be more ready for the challenges and possibilities of the future.

#### 5. Added Value of this Indicator to the University:

The amount of cultural activities adds enormous value to a university's profile. It transforms the university from being just an academic hub to a thriving cultural center. Students benefit from a more holistic educational experience, receiving exposure to many art forms, cultures, and perspectives. This indicator boosts the university's appeal, promoting a sense of belonging and community among students and creating enduring experiences that contribute to excellent alumni relations.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the indication of cultural activities is comparable to missing a fundamental part of student development. Universities that disregard cultural events lack the opportunity to develop a lively, inclusive campus culture that not only draws students but also maintains them. These events contribute to a positive campus culture, boosting student well-being, and building a strong sense of pride and commitment within the university community.

The quantity of cultural activities at Higher Education Institutions is an important indicator that extends beyond the standard academic metrics. It speaks to the essence of a university's dedication to offering a thorough and meaningful educational experience. Universities that actively develop and promote cultural events are not only investing in the current student body but also building the groundwork for a more developed and adaptive institution in the years to come.

### *8.2- Number of cultural activities of the HEIs during the last 5 years.*

The Significance of Long-Term Cultural Activities in Higher Education Institutions: Nurturing Lasting Impact and Institutional Resilience

#### 1. Why This Indicator is Important:

The amount of cultural activities planned by Higher Education Institutions (HEIs) over the last five years is a critical indication that transcends beyond the immediate student experience. It represents the institution's dedication to promoting a sustained culture of creativity, diversity, and community participation. This indicator offers a broader perspective, highlighting the long-term influence of cultural activities on the institution and its stakeholders.

## 2. Why Universities Should Develop This Indicator:

The development and tracking of cultural activities over a long period show a university's dedication to generating an enduring cultural legacy. Long-term planning and execution of cultural events indicate strategic vision, indicating that the university recognizes the enduring benefits of sustaining a strong campus culture. This indicator provides a witness to the institution's continued dedication to holistic education and student development.

## 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of cultural activities during the last five years in institution rankings acknowledges the strategic and lasting impact of these endeavors. It underlines that the organization is not only focused on short-term gains but is actively investing in a sustainable and dynamic cultural climate. Such a dedication contributes greatly to the institution's overall reputation and attractiveness to potential students, faculty, and collaborators.

## 4. The Impact of this Indicator on the Future of the University:

The future impact of a rich history of cultural activity is tremendous. Universities that emphasize and sustain cultural offerings throughout time generate a legacy that extends beyond particular academic years. This legacy contributes to institutional resilience, generating a sense of identity and pride among students, alumni, and the greater community. It promotes the institution as a cultural hub, responsive to altering educational landscapes and societal requirements.

## 5. Added Value of this Indicator to the University:

The significance of documenting cultural activities over the last five years resides in the building of a narrative that displays the university's enduring commitment to a vibrant campus culture. This long-term view boosts the institution's attractiveness, signifying stability, and continued commitment to student development. The cumulative impact on student experiences and memories further deepens alumni relations, creating a network of individuals proud to be affiliated with the university.

## 6. Why Universities Should Never Neglect this Indicator:

Neglecting the indicator of cultural activities over the last five years implies disregarding the building of a permanent cultural legacy. Universities that disregard this component lack the opportunity to exhibit a rich history of cultural participation. This neglect may result in a less lively campus culture, hurting the institution's attractiveness to prospective students and weakening its ability to build a strong sense of community and pride.

The number of cultural activities planned by HEIs over the last five years is a vital indicator that captures the institution's persistent commitment to holistic education. This indicator indicates not just the liveliness of the current student experience but also the production of a permanent cultural heritage that contributes to the institution's resilience and identity throughout time. Universities that actively develop and promote cultural events over an extended period are investing in a sustainable and impactful educational environment.

### *8.3- The number of transparent activities and initiatives of the university during the last academic year.*

#### Fostering Transparency: The Crucial Role of Openness in University Activities

##### 1. Why This Indicator is Important:

The number of transparent activities and initiatives done by a university in the last year is a crucial indicator for evaluating the institution's commitment to openness, accountability, and stakeholder engagement. Transparency creates trust among students, professors, staff, and the greater community, establishing an environment of honesty and integrity. This indicator is critical for analyzing the institution's devotion to ethical practices and inclusive decision-making.

##### 2. Why Universities Should Develop This Indicator:

Developing the indicator of transparent operations is vital for colleges wanting to foster an atmosphere of trust and accountability. By actively engaging in open initiatives, colleges demonstrate a commitment to sharing information, involving stakeholders in decision-making processes, and sustaining a culture of integrity. This not only boosts the institution's reputation but also generates a good and collaborative environment conducive to growth and development.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of transparent activities in university rankings underlines the necessity of transparency and accountability in higher education. Universities that openly disclose their activities contribute to the larger community's understanding of their operations, decision-making processes, and ethical standards. This transparency helps the institution's excellent reputation, making it a desirable alternative for prospective students, faculty, and partners.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of prioritizing openness is varied. Institutions that routinely engage in open activities create a reputation for ethical governance and responsible decision-making. This positive impression can attract high-level academics, students, and collaborators. Moreover, a transparent approach encourages a culture of continual improvement, equipping the university to respond successfully to shifting educational environments and social demands.

### 5. Added Value of this Indicator to the University:

The significance of promoting transparent actions rests in the formation of a culture that values transparency and inclusivity. This contributes to strong interactions with stakeholders, including students, parents, professors, and the larger community. The additional value extends to increased internal communication, promoting better coordination and collaboration across different university departments. Furthermore, openness boosts the institution's desirability to funding organizations and possible partners who favor ethical and accountable processes.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the indicator of transparent operations risks undermining confidence and credibility. Universities that disregard transparency may face mistrust and pushback from stakeholders, hampering effective collaboration and restricting prospects for progress. Embracing openness, on the other hand, strengthens the institution's resilience, ensuring that it stays adaptable and responsive to evolving problems and expectations.



The number of transparent activities and initiatives done by a university in the recent year is a vital indicator of its commitment to ethical principles, openness, and accountability. Prioritizing openness not only adds to a positive institutional image but also develops an environment conducive to collaboration, growth, and long-term success. Universities should understand the enduring significance of transparency and actively work towards greater openness in all parts of their business.

#### *8.4- The level of participation of the HEI with local authorities.*

Enhancing Community Collaboration: The Significance of HEI Participation with Local Authorities

##### 1. Why This Indicator is Important:

The level of participation of a Higher Education Institution (HEI) with local authorities is a vital measure of the institution's commitment to community engagement, civic responsibility, and the establishment of mutually beneficial collaborations. This indicator gauges the amount to which the institution actively engages with local governments and authorities to solve community issues, contribute to regional development, and promote social responsibility.

##### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the indication of participation with local authorities to underline their dedication to becoming responsible community stakeholders. Through active interaction with local authorities, universities can harness their resources, experience, and research capabilities to address local concerns, establishing a feeling of shared responsibility. This relationship not only enriches the community but also gives students real-world, practical experiences, enriching their education.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of the level of collaboration with local authorities in university rankings recognizes the relevance of community engagement in the larger context of higher education. Universities that actively work with local authorities contribute to the overall well-being of their communities, providing positive externalities that reach beyond the campus. This measure reflects the institution's dedication to social impact and its role as a beneficial driver in regional development.

#### 4. The Impact of this Indicator on the Future of the University:

The future consequence of emphasizing partnership with local government is enormous. Universities that actively connect with local communities are likely to become key components of regional development strategies. This not only increases the institution's reputation but also positions it as a promoter for positive change. The reciprocal partnership with local authorities can open doors to more resources, funding opportunities, and collaborative efforts, assuring the university's long-term sustainability and expansion.

#### 5. Added Value of this Indicator to the University:

The added advantage of actively working with local authorities is varied. Firstly, it increases the university's link with the community, establishing a positive reputation among citizens and local officials. Secondly, such engagement gives chances for practical research, community service, and experiential learning for students. Additionally, colleges might benefit from increased publicity, public backing, and access to local resources that may strengthen research and teaching activities.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the indicator of participation with local authorities risks separating the university from its immediate community setting. Universities are not separate entities; they are important members of the greater societal fabric. Neglecting active participation with local authorities means missing opportunities for beneficial community impact, new financing sources, and crucial relationships. Moreover, such neglect may lead to a deterioration in the university's relevance and support from the local community.

The level of participation of a Higher Education Institution with local authorities is a vital indication showing the institution's commitment to community engagement, social responsibility, and regional development. Developing and sustaining strong ties with local authorities is not only beneficial for the community but also enhances the university's academic and operational landscape, contributing to its long-term success and positive societal effect. Universities should prioritize and actively invest in meaningful relationships with local authorities to ensure a harmonious relationship with the communities they serve.

### *8.5- The proportion of professors with a migrant background.*

#### Cultivating Diversity in Academia: The Significance of Professors with a Migrant Background

##### 1. Why This Indicator is Important:

The proportion of professors having a migrant background is a significant indicator for analyzing the diversity and inclusivity of an academic institution. It represents the amount to which a university values and fosters a multicultural atmosphere, promoting a more representative and inclusive faculty. This factor is crucial for developing an academic community that represents the different opinions and experiences of society at large.

##### 2. Why Universities Should Develop This Indicator:

Universities should deliberately develop the indicator of academics with a migrant origin to match with ideals of diversity, equity, and inclusion. By establishing a faculty that represents a diversity of cultural backgrounds, institutions improve the academic atmosphere, enabling a dynamic exchange of ideas and experiences. This diversity not only enhances the educational experience for all students but also prepares them for a globalized and interconnected society.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of the proportion of academics with a migrant origin in university rankings stresses the importance of diversity as a vital component of academic performance. A varied staff contributes to a more full and integrative educational experience, preparing students to navigate a multicultural environment. This measure highlights the significance of colleges in creating social cohesion, and understanding, and breaking down barriers via education.

##### 4. The Impact of this Indicator on the Future of the University:

The future impact of aggressively encouraging a diverse faculty is revolutionary. Universities that encourage faculty diversity are likely to attract a greater spectrum of students, producing a rich learning environment that prepares graduates to deal with global concerns. Additionally, a diverse faculty can contribute to new research, creating a more inclusive and culturally sensitive approach to academic inquiry.

##### 5. Added Value of this Indicator to the University:

The addition of teachers having a migrant background brings great value to the university. It

conveys to potential students, teachers, and the larger community that the university is committed to building an open and globally-minded environment. This can result in higher enrollment, improved international collaborations, and a strong reputation for embracing diversity, all of which contribute to the overall success and sustainability of the university.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the indication of professors with a migrant background undermines the principles of diversity, equity, and inclusion. A lack of representation from varied backgrounds can contribute to a restricted perspective in academic discourse, reducing the richness of educational experiences. Moreover, disregarding diversity can impede the university's capacity to attract top talent and may contribute to a less inclusive and friendly campus climate.

The proportion of academics from a migrant background is a vital indication for developing diversity and inclusivity in academia. Actively developing and promoting this statistic not only aligns with the values of social justice but also helps to a more lively, inventive, and internationally aware academic community. Universities should prioritize and invest in efforts that encourage a diverse faculty, recognizing the enormous influence it may have on the quality and relevance of higher education in an interconnected world.

### *8.6- The university is providing lectures on intercultural learning*

#### Fostering Intercultural Learning: The Crucial Role of University Lectures

##### 1. Why This Indicator is Important:

The offering of lectures on intercultural learning is a crucial indicator for universities, demonstrating their commitment to preparing students for a globally interconnected world. Intercultural competence is increasingly vital in various cultures, industries, and academic environments, making this indicator key to the complete development of pupils.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively develop the offering of lectures on intercultural learning as part of their educational purpose. As higher education institutions aspire to generate well-rounded graduates, cultivating intercultural competence becomes crucial. This indication demonstrates

the institution's focus on nurturing students who can navigate and contribute constructively to a multicultural and globalized society.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the availability of intercultural learning courses in university rankings stresses the relevance of holistic education. Universities that encourage intercultural learning contribute not just to academic success but also to the personal and professional growth of their students. This indicator highlights the importance of universities in developing individuals who are culturally aware, sensitive, and equipped to succeed in varied situations.

### 4. The Impact of this Indicator on the Future of the University:

The future influence of offering lectures on intercultural learning is enormous. Graduates who have interacted with such content are better ready to comprehend, appreciate, and cooperate with persons from varied backgrounds. This not only benefits their personal lives but also positions them as valued contributors to a worldwide workforce, boosting international cooperation and innovation.

### 5. Added Value of this Indicator to the University:

The availability of lectures on intercultural learning offers tremendous value to the university. It promotes the university as a forward-thinking, socially responsible body that goes beyond standard academic expertise. This added value can result in higher student happiness, improved recruitment efforts, and a favorable impact on the university's reputation as a hub for comprehensive and forward-looking education.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the availability of lectures on intercultural learning weakens the university's role in preparing students for a diverse and linked world. Universities that overlook this signal risk generating graduates with insufficient cultural competence, thus impeding their performance in a globalized labor market. Neglecting intercultural learning also goes against the principles of inclusion and balanced education.

The provision of lectures on intercultural learning is a vital indicator that extends beyond academic knowledge, affecting the character and capacities of university graduates.

Universities should actively promote and emphasize this indicator, recognizing its impact on students, the institution's reputation, and its role in contributing to a more harmonious and understanding global society.

### *8.7- The university provides lectures and information on countries, cultures, and societies.*

Global Awareness: The Significance of Lectures on Countries, Cultures, and Societies at Universities

#### 1. Why This Indicator is Important:

The provision of lectures and information on countries, cultures, and societies is a vital indication for institutions. It demonstrates a dedication to building global consciousness among students, fostering a greater grasp of the world's intricacies, and boosting cultural intelligence. In an era of globalization, this indicator is crucial to developing graduates who are well-informed, culturally sensitive, and capable of navigating a diverse and interconnected world.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop this indication as part of their objective to give a holistic education. Exposure to lectures and information on diverse countries, cultures, and societies broadens students' perspectives, strengthens their critical thinking skills, and prepares them to engage with the difficulties of our globalized society. It contributes to the entire development of kids by instilling a sense of cultural respect and understanding.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in institution rankings highlights the relevance of global awareness in higher education. Universities have a crucial role in molding individuals who contribute productively to a worldwide society. This indicator highlights universities that go beyond typical academic curriculum, actively adding a global dimension to their educational offerings. It recognizes the responsibility of universities in preparing students for a world where cross-cultural competence is a valuable asset.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of offering lectures and knowledge on countries, civilizations, and societies is tremendous. Graduates who have interacted with this topic are better ready to handle an increasingly interconnected society. They are positioned to become global citizens, capable of facilitating international collaborations, understanding diverse perspectives, and contributing to solutions for global concerns. This indicator impacts the future impact of the university by affecting the outlook and competencies of its graduates.

#### 5. Added Value of this Indicator to the University:

The giving of lectures about countries, cultures, and societies brings great value to the university. It promotes the university as a hub for holistic education, training students not only intellectually but also culturally and socially. This extra value contributes to the university's reputation, attracting students who seek a well-rounded education that stretches beyond traditional borders. It increases the whole educational experience, building a community of learners with a global attitude.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the supply of lectures and information on countries, cultures, and societies weakens the university's mission to develop internationally aware graduates. In an interconnected world, disregarding this indication risks leaving pupils ill-prepared for the intricacies of different global connections. It goes against the ideas of creating cultural competence, decreasing the university's role in shaping individuals who can prosper in a multicultural and international society.

The provision of lectures and information on countries, cultures, and civilizations is a vital indicator that goes beyond academic knowledge, shaping the character, and capacities of university graduates. Universities should actively promote and emphasize this indicator, recognizing its impact on students, the institution's reputation, and its role in contributing to a more integrated and culturally informed global community.

### *8.8- Percentage of Alumni Engagement in the academic activities of the university.*

#### Alumni Engagement: A Key Metric for University Success

##### 1. Why This Indicator is Important:

The percentage of alumni engagement in academic activities is a significant metric that evaluates the continuous interaction between a university and its graduates. It indicates the degree to which alumni remain connected to their alma mater, participating in and contributing to the academic life of the institution. This statistic is essential because it reflects the long-term influence of a university education on its graduates and highlights the strength of the institution-alumni link.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively promote this indicator to generate a sense of lasting connection between the institution and its alumni. Alumni engagement in academic activities refers to the enduring value of the education offered. By promoting and supporting alumni involvement in diverse academic efforts, institutions establish a supportive and integrated community that endures beyond graduation. This continued interaction enriches the educational experience for current students and reinforces the university's commitment to lifelong learning.

##### 3. Why We Included this Indicator in the Ranking:

The addition of the proportion of alumni participation in university rankings underscores the value of a prolonged link between the institution and its graduates. Universities that successfully engage their alumni in academic activities indicate a dedication to establishing a lasting impact on individuals. This indicator underlines the institution's ability to build a community that prioritizes continual learning, adding favorably to its overall position and reputation.

##### 4. The Impact of this Indicator on the Future of the University:

The future impact of alumni engagement in academic activities is considerable. As universities focus and expand this involvement, they develop a network of lifelong learners and contributors. Alumni who actively participate in academic endeavors become ambassadors for the institution, enticing prospective students, promoting a culture of mentorship, and potentially supporting the university financially. This indication shapes the future by



establishing the university's legacy and fostering a dynamic, integrated community.

#### 5. Added Value of this Indicator to the University:

The percentage of alumni engagement in academic activities brings great value to the university. It transforms graduates into lifetime partners, increasing the educational experience for current students through mentorship, guest lectures, joint projects, and more. This persistent relationship generates a supporting network that benefits both alumni and current students, contributing to a dynamic and engaged university community. Additionally, graduates actively engaged in academic pursuits may contribute useful insights, increase research activities, and strengthen the university's overall influence.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the assessment and development of alumni engagement in academic activities risks breaking a critical link between the university and its graduates. Alumni constitute a vital resource, not just in terms of financial contributions but also in the richness of information and experience they bring back to their alma mater. Neglecting this signal diminishes the possibility of a dynamic, interconnected community and overlooks the opportunity to display the enduring impact of the university on its alumni.

The percentage of alumni engagement in academic activities is an important criterion that goes beyond mere statistics; it represents the enduring influence and value of a university education. Universities should actively cultivate and emphasize this indication, recognizing its ability to form a dynamic, supportive community that benefits current students, alumni, and the institution as a whole.

### *9.1- The proportion of accredited programs to the total programs in the university.*

#### Accredited Programs: A Cornerstone of Educational Quality and Institutional Excellence

#### 1. Why This Indicator is Important:

The proportion of accredited programs to the total programs in a university is a significant metric that underscores the institution's commitment to providing high-quality education. Accreditation is a rigorous procedure that assesses and assures the standards of academic programs, certifying their relevance, effectiveness, and conformity to specified benchmarks.

This factor is essential since it immediately reflects the overall quality and trustworthiness of the educational offerings supplied by the university.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop the proportion of recognized programs as a crucial component of their commitment to educational excellence. Accreditation not only certifies the quality of programs but also functions as a continuous improvement tool. By investing in the accreditation process, universities demonstrate a dedication to delivering programs that meet or surpass industry standards, giving students a credible and recognized education. This indicator, when emphasized, motivates colleges to participate in continual examination and upgrading of their academic offerings.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the proportion of authorized programs in university rankings is crucial as it clearly connects with the primary purpose of judging institutional quality. Universities with a higher share of accredited programs display a commitment to academic achievement, offering tangible evidence of their drive to sustain and enhance educational standards. In rankings, this factor functions as a qualitative metric, stressing the institution's trustworthiness and the reliability of its programs.

#### 4. The Impact of this Indicator on the Future of the University:

The potential impact of a large share of recognized programs is varied. Firstly, it increases the university's reputation, attracting prospective students seeking assurance of program excellence. Secondly, accreditation contributes to the employability of graduates, since employers generally prioritize individuals with degrees from approved programs. Thirdly, a commitment to accreditation places the institution as a pioneer in educational innovation, preparing it to react to growing industrial needs and technology breakthroughs. This signal influences the university's future by consolidating its place in the academic environment.

#### 5. Added Value of this Indicator to the University:

The proportion of approved programs brings substantial value to the university by enhancing its reputation and promoting student and stakeholder trust. Accreditation promotes the employability of graduates, adding to their long-term success. Moreover, it draws high-level

academics and researchers who desire to be part of an institution dedicated to intellectual rigor. The indication also provides a competitive edge, distinguishing the university as an institution committed to achieving and exceeding worldwide educational standards.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the proportion of approved programs jeopardizes the overall quality and legitimacy of a university's education. Accreditation is not just a one-time accolade; it is a continuing commitment to quality. Universities should never disregard this signal as it defends the institution's reputation, assures program relevancy, and matches the increasing expectations of students, businesses, and the broader academic community. Neglecting accreditation risks weakening the competitive advantage and long-term viability of the university.

The proportion of recognized programs is a linchpin in assuring the quality, relevance, and reputation of a university's educational offerings. Actively developing and prioritizing this indicator is not merely a commitment to meeting standards; it is an investment in the future success and sustainability of the organization.

### *9.2- The university is locally accredited by the Higher Education Council/Ministry/Authority, or any other local body.*

#### Local Accreditation: A Pillar of Educational Legitimacy and Quality Assurance

##### 1. Why This Indicator is Important:

The indicator addressing local accreditation by the Higher Education Council, Ministry, Authority, or any other local organization is of essential importance as it establishes the university's legitimacy and conformance to national educational standards. Local accreditation assures that the university's programs meet the unique requirements imposed by the country's higher education regulatory organizations. This is vital for sustaining the integrity of the education system, developing public trust, and promoting the acknowledgment of the university's degrees and certificates within the national context.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively create local accreditation since it is a tribute to their dedication to fulfilling and exceeding the requirements specified by the national higher education authority.

This indication is not only a statutory necessity but also a strategic step to connect the university's programs with the unique demands and expectations of the local job market and society. Developing this indication denotes a collaborative relationship between the university and the national educational government, ensuring that the institution plays a significant part in meeting the broader educational objectives defined by the country.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the local accreditation indication in university rankings is significant as it represents the institution's conformity with national educational requirements. Universities that are locally accredited exhibit their dedication to offering education that meets the indicator specified by the national authorities, contributing to the overall quality and reliability of their programs. This inclusion in rankings serves as a qualitative metric, stressing the university's recognition within the national context and its congruence with the educational priorities of the country.

### 4. The Impact of this Indicator on the Future of the University:

The prospective implications of local accreditation for the university are considerable. It assures the institution's continuous relevance within the national educational framework, improving its reputation and legitimacy. A university with local accreditation is well-positioned to adapt to changes in national educational regulations and developing industrial needs. Moreover, it strengthens the institution's interactions with local stakeholders, including employers, government organizations, and the larger community. As a result, the university becomes a cornerstone in shaping the educational environment and contributing to the country's intellectual and economic progress.

### 5. Added Value of this Indicator to the University:

The added benefit of local accreditation to the university is varied. Firstly, it establishes the institution as a trusted source of education, attracting local students who seek degrees that are recognized and respected within the national context. Secondly, local accreditation boosts the employability of graduates, as companies generally prioritize applicants with qualifications from approved institutions. Thirdly, it confirms the university's status as a contributor to the national educational agenda, encouraging collaborations with local companies and political agencies. Overall, the importance of local accreditation goes beyond institutional bounds,

positively benefiting the university's relationships and contributions within the national educational environment.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting local accreditation jeopardizes the fundamental legitimacy and respect of the university within the national education system. Non-compliance with local accreditation indicator can lead to a loss of public trust, lower student enrollment, and difficulty in forging collaborations with local industry and governmental authorities. Moreover, disregarding this signal may result in the depreciation of the university's degrees within the national job market. Therefore, universities should never disregard local accreditation since it safeguards the institution's reputation and relevance within the national educational framework.

Local accreditation is not only a bureaucratic necessity but a cornerstone of a university's dedication to national educational standards and its role in determining the future of education within the country. Actively promoting and emphasizing this indicator assures the institution's sustained recognition, legitimacy, and beneficial impact on the national educational environment.

### *9.3- The number of academic programs offered at the university.*

#### The Significance of Academic Program Diversity in University Excellence

##### 1. Why This Indicator is Important:

The number of academic programs provided by an institution is a vital indicator of its dedication to offering a wide and thorough educational experience. This indicator speaks to the breadth and depth of educational possibilities accessible to students, indicating the institution's focus on catering to a wide range of academic interests and professional paths. The value of this indicator rests in its capacity to showcase the university as a dynamic intellectual hub capable of fulfilling the increasing needs of students and the labor market.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively create and expand their range of academic programs to remain competitive and responsive to the changing landscape of education and industry. By offering a diverse assortment of programs, institutions attract a more extensive pool of prospective

students with varying academic and career objectives. This indicator, when consistently enhanced, positions the institution as a leader in supporting interdisciplinary learning, creativity, and flexibility in emerging fields of study, ensuring its relevance in an ever-evolving educational landscape.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of academic programs in university rankings is crucial as it demonstrates the institution's dedication to offering a well-rounded and inclusive educational environment. A higher number of academic programs suggests a broader institutional scope and resource allocation, contributing positively to the university's overall score. This inclusion highlights the range and richness of the academic experience that the university offers, making it a more desirable destination for prospective students and boosting its status within the worldwide educational community.

### 4. The Impact of this Indicator on the Future of the University:

The future influence of the number of academic programs offered by the university is important. As sectors continue to grow, so do the skills and expertise needed by professionals. A wide variety of academic programs puts the institution at the forefront of addressing these shifting requirements, ensuring that graduates are well-equipped for the labor market. Additionally, a forward-looking approach to program development allows the institution to keep ahead of new disciplines, contributing to its position as a hub for cutting-edge research and instruction.

### 5. Added Value of this Indicator to the University:

The added value of offering a range of academic programs is varied. Firstly, it attracts a diverse student body, providing a rich and inclusive learning environment. Secondly, it boosts the institution's global appeal, as prospective international students choose universities that give a broad spectrum of academic alternatives. Thirdly, it establishes the university as a leader in fostering interdisciplinary collaboration and addressing societal concerns. Overall, the added value of this indicator extends beyond numerical data, creating the university's identity as a versatile and future-oriented educational institution.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the development of new academic programs may lead to a stagnant and less competitive position in the higher education environment. Universities that overlook this indicator risk becoming outmoded and less desirable to prospective students. Furthermore, disregarding program development may hamper the institution's ability to react to evolving educational trends and industry demands, putting graduates at a disadvantage in the labor market. Therefore, colleges should never disregard the constant improvement of academic programs as it directly affects their potential to thrive and excel in the dynamic educational ecosystem.

The number of academic programs provided by a university is not just a numerical indicator; it is a testimonial to the institution's commitment to academic excellence, diversity, and adaptability. Actively growing this indicator ensures that the university remains a lively and relevant educational entity, capable of determining the future of learning and contributing significantly to societal progress.

*9.4- The number of programs that had accreditation from an accreditation agency that is a member of (ENQA – INQAAHE – CEENQA - APQN), or one of the Regional Accreditation Agencies in the USA).*

The Significance of Accredited Programs in Ensuring Educational Quality and Excellence

1. Why This Indicator is Important:

The number of programs accredited by recognized accreditation agencies, such as ENQA, INQAAHE, CEENQA, or regional agencies like those in the USA, is a crucial indicator of a university's dedication to sustaining high educational standards. Accreditation guarantees that academic programs meet specified requirements for quality, relevance, and effectiveness. This indication is essential as it provides a guarantee of the quality of education given, suggesting that the university's programs comply with worldwide or national benchmarks.

2. Why Universities Should Develop This Indicator:

Universities should actively pursue accreditation for their programs to demonstrate a commitment to excellence in education. Program certification not only certifies the quality of education given but also boosts the university's reputation and global position. Developing this indicator demonstrates the institution's drive for continual improvement and aligning its

programs with international or regional quality standards, making it an attractive choice for potential students seeking a high-level education.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of recognized programs in university rankings is significant as it indicates the institution's dedication to providing a quality education that satisfies worldwide standards. Accreditation is a difficult procedure that involves external examination, and institutions with a higher number of certified programs are acknowledged for their dedication to preserving and enhancing educational quality. This inclusion positively influences the university's rating by establishing it as a trusted and reliable source of education on both national and international dimensions.

### 4. The Impact of this Indicator on the Future of the University:

The future implications of having a considerable number of approved programs are enormous. Accreditation guarantees that graduates are well-prepared for the difficulties of their chosen industries and are equipped with skills and knowledge that satisfy industry standards. In the long term, this significantly benefits the reputation of the university, attracting additional students and establishing a network of successful alumni. Additionally, the continuing pursuit of accreditation creates the framework for ongoing progress, ensuring that the university remains a leader in providing high-quality education.

### 5. Added Value of this Indicator to the University:

The increased advantage of having a considerable number of approved programs extends beyond the initial acknowledgment. Accreditation boosts the university's legitimacy and reliability, making it a desirable alternative for students, companies, and academic colleagues. Graduates from approved programs are more likely to be recognized and sought after in the job market, contributing to the overall performance and prestige of the university. Furthermore, this indicator offers value by establishing a culture of quality assurance and continual development inside the organization.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the pursuit of accreditation for academic programs might have adverse repercussions on the university's long-term success. Accreditation is not only a recognition of



the quality of education but also a crucial component in attracting students and faculty. Neglecting this indication risks the institution being viewed as lacking a commitment to quality, perhaps leading to a fall in enrollment, diminished competitiveness, and a negative influence on the university's overall standing. Therefore, colleges should never disregard the quest for accreditation since it is a crucial part of guaranteeing continuous educational quality and institutional success.

The number of programs certified by recognized authorities is not only a numerical indicator; it is a testimonial to the university's dedication to delivering a high-quality education. Actively growing this metric helps the institution's credibility, competitiveness, and long-term success, making it a crucial part of assuring educational excellence and global recognition.

*9.5- The university has institutional accreditation from an accreditation agency that is a member of (ENQA – INQAAHE – CEENQA - APQN), or one of the Regional Accreditation Agencies in the USA).*

Importance of institutional accreditation

1. Why This Indicator is Important:

The accomplishment of institutional accreditation from recognized agencies such as ENQA, INQAAHE, CEENQA, or Regional Accreditation Agencies in the USA is a vital indicator of a university's overall dedication to quality. Institutional accreditation comprises an extensive review of the university's mission, programs, resources, and governance, ensuring that it meets or exceeds defined requirements. This indication gives an assurance to stakeholders—students, staff, employers, and the community—that the institution is dedicated to maintaining high-quality education and adheres to accepted benchmarks.

2. Why Universities Should Develop This Indicator:

Universities should actively pursue institutional accreditation since it is a testament to their holistic dedication to providing a comprehensive, high-quality educational experience. This indicator goes beyond particular programs, embracing the entire institution and its operations. Developing this certification reflects an institution-wide dedication to ongoing improvement, accountability, and the highest standards of education. It promotes the university as a renowned and trustworthy institution, improving its appeal to prospective students, faculty,

and partners.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of institutional accreditation in university rankings is crucial as it elevates the standing of the university in the academic landscape. Institutions having this certification are recognized for their comprehensive commitment to quality, promoting an environment favorable to learning and academic performance. The accreditation process entails a thorough review, and universities that receive institutional accreditation are acknowledged for their conformity to global or regional norms. This inclusion in rankings positively influences the university's prestige and attractiveness to potential students and collaborators.

### 4. The Impact of this Indicator on the Future of the University:

The future influence of institutional certification is enormous. It indicates the institution's effort to respond to evolving educational landscapes and guarantees that it remains relevant and competitive. Accreditation contributes to the long-term viability of the university by establishing a culture of continual improvement, accountability, and adherence to best practices. Institutions with this accreditation are better positioned to negotiate future obstacles, attract top-tier professors and students, and maintain a strong reputation, securing their place as leaders in the academic community.

### 5. Added Value of this Indicator to the University:

The enhanced value of institutional certification spans across multiple dimensions. It boosts the institution's credibility and reputation, establishing it as a trusted supplier of high-quality education. The certification process stimulates self-reflection and reform, leading to the optimization of institutional operations and the advancement of educational outcomes. Furthermore, the extra value lies in the greater attraction to international students, teachers, and collaborating partners, establishing a varied and globally connected academic community.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the pursuit of institutional accreditation jeopardizes the long-term sustainability and success of the university. Institutional accreditation is a holistic examination that analyzes all parts of the institution, guaranteeing that it meets the highest standards of quality. Neglecting this signal threatens the erosion of confidence among stakeholders, decreasing the

institution's appeal to potential students and partners. It may also limit the institution's ability to adapt to changing educational landscapes and compete on a global basis. Therefore, colleges should never disregard the pursuit of institutional accreditation since it is crucial to their continuous success and relevance in the academic arena.

Institutional accreditation is a cornerstone of educational excellence, giving a thorough assurance of an institution's dedication to quality. Developing and maintaining this accreditation is not only crucial for current performance but is an investment in the future viability, relevance, and prosperity of the university.

### *9.6- The Number of Memorandum of Understanding (MOUs) signed by the HEI during the last 5 years.*

#### Fostering Collaborative Excellence: The Significance of Memorandum of Understanding (MOUs) in Higher Education

##### 1. Why This Indicator is Important:

The number of Memoranda of Understanding (MOUs) signed by a Higher Education Institution (HEI) during the last five years is a crucial indication demonstrating the institution's commitment to building collaborative ties. MOUs are official agreements that specify the terms and conditions of cooperation between institutions, organizations, or entities. This indicator provides a quantitative measure of the HEI's engagement in external collaborations, showing its willingness to share resources, knowledge, and expertise. It is a monument to the institution's dedication to increasing its reach, enhancing its academic offerings, and contributing to a globalized academic community.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively build and monitor the number of MOUs as it coincides with their purpose to provide a complete and internationally linked educational experience. Developing relationships through MOUs helps universities use external expertise, resources, and opportunities, increasing the educational experience for students and faculty. This indication demonstrates a proactive effort to develop a network of joint initiatives, contributing to the institution's growth, and positioning it as a dynamic and outward-looking enterprise.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of MOUs in university rankings is significant as it indicates the institution's dedication to creating a broad network of cooperation. Universities with a higher number of MOUs highlight their proactive participation in developing important relationships, contributing to knowledge sharing, and fostering a lively academic environment. This criterion, when considered in rankings, distinguishes universities that actively seek and cultivate external ties, contributing to their overall status in the academic community.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of a broad MOU portfolio is varied. It promotes the university as a prominent player in worldwide academic networks, recruiting top-tier professors, and students, and collaborative possibilities. The connections created through MOUs can lead to joint research projects, student exchange programs, and pooled resources, increasing the institution's academic offerings and research capacities. As the global landscape continues to shift, institutions with a rich fabric of MOUs are better positioned to adapt, collaborate, and succeed in an interconnected world.

### 5. Added Value of this Indicator to the University:

The added value of actively developing the number of MOUs resides in the richness of the university's academic ecosystem. Collaborations facilitated by MOUs provide diverse viewpoints, skills, and possibilities to the university, increasing the overall quality of teaching and research. The extra benefit extends to improved exposure and prestige since institutions with vast collaborative networks are often acknowledged as leaders in innovation, diversity, and global engagement. Moreover, the pooled resources and knowledge exchange arising from MOUs contribute to a dynamic and intellectually engaging environment for both students and teachers.

### 6. Why Universities Should Never Neglect this Indicator:

Neglecting the creation of MOUs is a squandered chance for institutions to succeed in an increasingly interconnected world. Institutions that overlook this characteristic may find themselves separated from crucial collaborative opportunities, hampering their ability to offer diversified educational experiences and cutting-edge research efforts. Additionally, disregarding MOUs can limit a university's global exposure and competitiveness, especially as

students and staff increasingly choose institutions with extensive collaboration networks. Therefore, universities should never disregard the nurturing of MOUs as it is crucial to their sustained growth, relevance, and success in the dynamic environment of higher education.

The number of MOUs signed by a Higher Education Institution is a significant measure demonstrating its dedication to collaboration, diversity, and global participation. Actively improving this indicator not only promotes the institution as a leader in the academic community but also increases its academic offerings, research capacities, and overall stature in the global higher education scene.

### *9.7- The number of international academic bodies that the HEIs is a member of.*

Cultivating Global Academic Presence: The Significance of Membership in International Academic Bodies

#### 1. Why This Indicator is Important:

The number of international academic bodies that a Higher Education Institution (HEI) is a member of serves as a significant indicator of the institution's worldwide academic presence and collaborative attitude. Membership in such associations demonstrates a commitment to actively participating in the international academic community, engaging in information exchange, and contributing to the development of global educational standards and practices.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively seek and nurture participation in international academic bodies to enrich their academic environment and foster global collaborations. Being a member of such associations gives universities with opportunity to collaborate on research, share best practices, and stay current on global trends in education. Developing this indication reflects a dedication to developing a well-rounded, internationally connected learning environment for students and faculty.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of international academic bodies in university rankings is essential as it reflects the institution's active engagement in global academic networks. Universities that are members of international groups contribute to the growth of education on a worldwide

scale. This indicator recognizes and differentiates institutions that play a proactive role in defining worldwide education standards, supporting collaboration, and contributing to the progress of knowledge.

#### 4. The Impact of this Indicator on the Future of the University:

The future significance of actively participating in international academic bodies is enormous. It presents the university as a thought leader and contributor to the worldwide academic conversation, attracting top personnel, facilitating research collaboration, and boosting the overall academic quality. The contacts created through these affiliations can lead to cooperative efforts, collaborative research projects, and student exchange programs, establishing the institution's status as a worldwide participant in higher education.

#### 5. Added Value of this Indicator to the University:

The added advantage of developing participation in international academic bodies is multifold. It provides universities with a platform to display their dedication to global education standards, recruiting students and faculty who seek an internationally connected learning environment. The relationships and knowledge exchange resulting from such affiliations add to the institution's academic vigor, enriching research capacities and creating a varied and inclusive academic community.

#### 6. Why Universities Should Never Neglect this Indicator:

Neglecting membership in international academic associations is a squandered chance for universities to actively impact the global education environment and miss out on important joint endeavors. Institutions that overlook this characteristic may find themselves separated from international best practices, hampering their capacity to offer a truly global education experience. Furthermore, disregarding such memberships might limit the institution's exposure and competitiveness in the global arena, especially as students and staff increasingly prefer universities with a strong international presence.

The number of international academic bodies that a Higher Education Institution is a member of is an important indicator demonstrating its dedication to global collaboration, information exchange, and academic achievement. Developing and actively engaging in these memberships not only presents the university as a global leader in education but also

enhances its academic environment, fostering varied perspectives and contributing to the progress of knowledge on an international scale. Therefore, institutions should prioritize and actively promote memberships in international academic bodies as an intrinsic component of their global academic strategy.

### *9.8- The number of International networks in which, the university is a member.*

#### Fostering Global Collaborations: The Significance of International Network Memberships for Universities

##### 1. Why This Indicator is Important:

The number of international networks a university is a part of stands as a vital indicator, demonstrating the institution's commitment to global collaboration, networking, and the exchange of knowledge. In an increasingly interconnected world, universities play a vital role in establishing and nurturing international relationships that transcend geographical boundaries.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively seek and develop memberships in international networks to broaden their global footprint and enhance the quality of education and research. Being part of these networks opens avenues for collaborative research projects, joint academic initiatives, and student exchanges, contributing to a diverse and enriching academic experience.

##### 3. Why We Included this Indicator in the Ranking:

Inclusion of the number of international networks in university rankings is imperative as it recognizes the institution's efforts to foster global collaborations. Universities that actively participate in international networks contribute to the creation of a vibrant global academic community. This indicator acknowledges and distinguishes institutions that go beyond national borders to establish meaningful partnerships, ultimately enriching the educational landscape.

##### 4. The Impact of this Indicator on the Future of the University:

The future significance of active participation in transnational networks is enormous. It

presents the institution as a global hub for collaboration, innovation, and cultural exchange. Such networks promote the sharing of best practices, foster multidisciplinary research, and generate opportunities for staff and student movement, ultimately molding a more dynamic and internationally aware academic environment.

#### 5. Added Value of this Indicator to the University:

The added advantage of developing memberships in international networks is extensive. It provides universities with a platform to amplify their global presence, attract diverse talent, and engage in collaborative projects that address global challenges. The cross-cultural interactions and shared expertise within these networks contribute significantly to the institution's academic and research prowess, fostering an environment of continual learning and innovation.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting memberships in international networks represents a missed opportunity for universities to amplify their global impact. Institutions that neglect this indicator may find themselves isolated from valuable collaborative opportunities, hindering their ability to offer a truly internationalized educational experience. Furthermore, neglecting these networks can limit the institution's visibility and competitiveness in the global academic arena.

The number of international networks a university is a member of is a crucial indicator that signifies its commitment to global collaboration, diversity, and excellence. Actively developing and participating in these networks not only positions the institution as a key player in the global academic landscape but also enriches its academic environment, fostering a spirit of collaboration and innovation. Therefore, universities should prioritize and actively cultivate memberships in international networks as an integral part of their global engagement strategy.

### *9.9- The university, or any of its faculties, centered, or colleges, is ISO 21001, or ISO 9001 certified.*

#### Quality Assurance through ISO Certification: A Pillar of Academic Excellence

##### 1. Why This Indicator is Important:

The ISO 21001 and ISO 9001 certifications serve as crucial indicators of a university's



commitment to quality management systems and educational excellence. These certifications ensure that the institution adheres to globally recognized standards, demonstrating a dedication to continuous improvement, efficiency, and stakeholder satisfaction.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively seek ISO certifications to establish and maintain quality management systems. These certifications not only enhance internal processes, ensuring streamlined operations but also foster a culture of accountability and excellence. Developing this indicator is a strategic move that showcases an institution's commitment to providing high-quality education and services.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of ISO certification in university rankings is fundamental as it reflects a commitment to international standards of quality. Universities adhering to ISO 21001 or ISO 9001 are recognized for their dedication to continuous improvement and efficiency in their educational and administrative processes. This indicator sets a benchmark for excellence and contributes to the overall credibility of the institution.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of ISO certification is profound. As universities navigate an ever-evolving educational landscape, these certifications position them as institutions committed to adaptability, quality, and innovation. ISO certifications pave the way for sustainable growth, improved stakeholder satisfaction, and increased competitiveness on a global scale.

#### 5. Added Value of this Indicator to the University:

The added value of ISO certification lies in its comprehensive approach to quality management. It instills confidence among stakeholders, including students, faculty, and industry partners, by ensuring that the institution follows internationally recognized best practices. ISO certifications contribute to the continuous enhancement of processes, leading to increased efficiency, better resource utilization, and ultimately, an elevated educational experience.

## 6. Why Universities Should Never Neglect This Indicator:

Neglecting ISO certification overlooks an opportunity for universities to establish a systematic approach to quality management. Universities that neglect this indicator may compromise their ability to provide consistent, high-quality education and services. ISO certifications offer a structured framework for improvement, and neglecting this opportunity may hinder the institution's ability to adapt and thrive in a rapidly changing academic landscape.

ISO 21001 and ISO 9001 certifications are major indicators of a university's commitment to excellence and quality in education. Developing and maintaining these certifications is a strategic investment that not only aligns with global standards but also positions the university for sustained success, growth, and recognition. Therefore, universities should actively pursue ISO certifications as an integral part of their commitment to delivering a world-class educational experience.

### *10.1- The ratio of female faculty members/total faculty members.*

#### Promoting Gender Diversity in Academia: The Significance of the Female Faculty Ratio

##### 1. Why This Indicator is Important:

The ratio of female faculty members to the total faculty is a critical indicator for promoting gender diversity and equity in academia. It reflects the inclusivity and openness of an institution, acknowledging the importance of diverse perspectives and experiences in shaping a comprehensive and enriching learning environment.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively develop and monitor the ratio of female faculty members as part of their commitment to fostering an inclusive and diverse academic community. This indicator serves as a tangible measure of a university's dedication to gender equality, providing a benchmark for progress and highlighting areas for improvement.

##### 3. Why We Included this Indicator in the Ranking:

Inclusion of the female faculty ratio in university rankings is essential as it underscores the commitment to diversity and inclusivity. Universities that prioritize gender balance among their faculty contribute to a more representative and equitable educational landscape,

enhancing their standing not only in academic circles but also in the broader societal context.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of female-faculty ratio is transformative. Universities that actively promote gender diversity are better positioned to attract a broader pool of talent, fostering a collaborative and innovative academic environment. This inclusivity contributes to the university's reputation, long-term sustainability, and its ability to adapt to evolving societal expectations.

#### 5. Added Value of this Indicator to the University:

The added value of maintaining a balanced female-faculty ratio is multi-faceted. It brings diverse perspectives to academic discourse, enriching the learning experience for students. Additionally, it enhances the university's reputation as an institution committed to equity, attracting a more diverse student body and faculty talent. This, in turn, contributes to a vibrant and dynamic academic community.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the ratio of female faculty members undermines the principles of equity and diversity, hindering the development of a truly inclusive academic community. Universities that neglect this indicator risk perpetuating gender disparities and missing out on the multitude of benefits that come with a diverse faculty. It is imperative for universities to actively address any gender imbalances and work towards creating an environment that reflects the diversity of the broader society.

The ratio of female faculty members to total faculty is an important indicator that goes beyond mere numerical representation. It reflects an institution's commitment to fostering an inclusive, equitable, and innovative academic environment. Developing and maintaining a healthy female-faculty ratio not only adds value to the university but also contributes to its long-term success, societal impact, and overall standing in the global academic landscape. Therefore, universities should prioritize and continually work towards achieving a balanced and diverse faculty composition.

## *10.2- The university offers infrastructure for students with special needs.*

### Ensuring Inclusivity: The Importance of Infrastructures for Students with Special Needs

#### 1. Why This Indicator is Important:

The provision of infrastructure for students with special needs is a crucial indicator of an institution's commitment to inclusivity and accessibility. It reflects a university's dedication to providing equal educational opportunities for all, regardless of physical or cognitive abilities. It underscores the principle that education should be accessible to everyone, regardless of their unique challenges.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop and enhance infrastructures for students with special needs as part of their commitment to creating an inclusive learning environment. Developing this indicator not only aligns with ethical and moral imperatives but also positions the institution as a leader in promoting diversity and equal access to education.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in university rankings is important in recognizing institutions that go beyond traditional measures of academic excellence. It acknowledges the importance of accessibility and inclusivity as integral components of a comprehensive education. Universities that prioritize infrastructures for students with special needs contribute significantly to the advancement of inclusive education, thus elevating their standing in the rankings.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of investing in infrastructure for students with special needs is profound. As societal awareness grows regarding the importance of inclusivity, universities that lead in this regard will attract a more diverse student body. This, in turn, fosters a learning environment that mirrors the real world, preparing students to navigate a globalized and inclusive future.

#### 5. Added Value of this Indicator to the University:

The added value of offering infrastructure for students with special needs is immeasurable. It positions the university as a beacon of accessibility, attracting a broader and more diverse pool of students. Beyond the moral imperative, this commitment adds richness to the academic

community by incorporating varied perspectives and experiences, contributing to a more vibrant and dynamic learning environment.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the provision of infrastructure for students with special needs perpetuates inequality and restricts access to education for a significant portion of the population. In an era that increasingly values diversity, equity, and inclusion, universities cannot afford to neglect this indicator. Neglecting it not only limits the educational opportunities for students with special needs but also tarnishes the reputation of the institution as one that is not fully committed to the principles of equal access and inclusivity.

The provision of infrastructures for students with special needs is not just a matter of compliance; it is a fundamental commitment to the principles of equity and inclusivity. Developing and enhancing this indicator is a testament to a university's dedication to providing a transformative and accessible education for all. As universities strive to shape future leaders and contributors to society, investing in infrastructure for students with special needs becomes not only a moral obligation but a strategic imperative for long-term success and societal impact.

### *10.3- The university has developed policies for providing equal opportunities to male and female staff and students.*

#### Fostering Equality: The Crucial Role of Equal Opportunity Policies in Universities

##### 1. Why This Indicator is Important:

The presence of well-defined policies for providing equal opportunities to male and female staff and students is an important indicator of an institution's commitment to fostering a culture of fairness, inclusivity, and gender equality. It serves as a testament to the university's acknowledgment of the importance of creating an environment where everyone, irrespective of gender, has an equal chance to thrive academically and professionally.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively develop and implement policies promoting equal opportunities for male and female staff and students to cultivate a supportive and inclusive atmosphere. By

doing so, universities signal their dedication to dismantling gender-based barriers, thereby fostering an environment that nurtures diversity, talent, and innovation.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in university rankings is essential as it recognizes institutions that proactively work towards gender equality. It goes beyond traditional metrics to highlight a university's commitment to creating a balanced, equitable, and diverse community, contributing significantly to the institution's overall standing in the academic landscape.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of developing and adhering to equal opportunity policies is transformative. Universities that prioritize gender equality are better positioned to attract a diverse pool of talented individuals, fostering an environment where all members can reach their full potential. This inclusivity contributes to a positive institutional reputation and positions the university as a trailblazer in promoting societal change.

### 5. Added Value of this Indicator to the University:

The added value of having well-established equal opportunity policies is manifold. It enriches the university community by creating an environment where individuals feel valued and supported, leading to increased productivity, innovation, and academic excellence. Moreover, it enhances the university's image, making it an attractive choice for students, faculty, and staff who seek an inclusive and progressive academic community.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the development and implementation of policies for equal opportunities undermines the principles of fairness and inclusivity. Universities that neglect this indicator risk perpetuating gender-based disparities, limiting the potential of individuals, and compromising the overall quality of the academic community. In an era where diversity and equality are highly valued, neglecting this indicator not only hampers the university's reputation but also stifles its capacity to contribute meaningfully to societal progress.

The development and implementation of policies for equal opportunities for male and female staff and students are not just about compliance; they represent a fundamental commitment

to creating a fair, inclusive, and forward-thinking academic community. By actively developing and promoting such policies, universities pave the way for a future where education and professional opportunities are truly accessible to all, regardless of gender. Embracing this indicator is not only a strategic move for institutional success but a moral imperative for shaping a more equitable and just society.

#### *10.4- The university has a policy for Equity and equality.*

##### Championing Equity and Equality: The Imperative of Institutional Policies

###### 1. Why This Indicator is Important:

The existence of a university-wide policy for equity and equality is a cornerstone in shaping a fair, inclusive, and just academic environment. This indicator underscores the commitment of the institution to uphold principles of equal opportunity, non-discrimination, and diversity. It goes beyond a mere acknowledgment of these values, serving as a roadmap for the entire university community to actively engage in promoting equity.

###### 2. Why Universities Should Develop This Indicator:

Universities should proactively develop policies for equity and equality as a demonstration of their dedication to fostering an environment where every individual, regardless of background, enjoys the same rights, privileges, and opportunities. By establishing clear guidelines, institutions provide a framework for ethical practices that permeate every aspect of academic life.

###### 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in university rankings is vital because it encapsulates the ethos and values that define a forward-thinking institution. A comprehensive policy for equity and equality reflects a commitment to social responsibility, and this commitment is integral to the overall standing of the university in the global academic landscape.

###### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a policy for equity and equality is transformative. It sets the stage for an academic community where diversity is celebrated, inclusivity is the norm, and barriers based on factors such as race, gender, or socioeconomic status are dismantled. This not only

contributes to a positive institutional legacy but also positions the university as a beacon of progress in an ever-evolving world.

5. Added Value of this Indicator to the University:

The added value of having a well-defined policy for equity and equality extends far beyond compliance. It enriches the university by fostering an environment that attracts diverse talents, encourages innovation, and nurtures academic excellence. Moreover, it enhances the institution's reputation, making it an appealing choice for those who seek an academic community grounded in principles of fairness and justice.

6. Why Universities Should Never Neglect This Indicator:

Neglecting the development of a policy for equity and equality not only undermines the institution's commitment to social responsibility but also jeopardizes its standing as an inclusive and progressive hub of learning. Universities that neglect this indicator risk perpetuating systemic inequalities and may find themselves out of step with the evolving expectations of students, faculty, and the broader community.

The development and implementation of policies for equity and equality are not just administrative tasks; they are ethical imperatives that define the soul of an institution. By actively developing and promoting such policies, universities position themselves as leaders in fostering a culture where every individual is valued, respected, and empowered to contribute meaningfully to the academic community and society at large. Embracing this indicator is not only strategic for institutional success but is also a commitment to creating a more just and equitable world through education.

*10.5- Are there appropriate processes, procedures, and tools to support the necessary accommodations for persons with disabilities?*

Empowering Inclusivity: Ensuring Accommodations for Persons with Disabilities in Higher Education

1. Why This Indicator is Important:

The indicator assessing the presence of appropriate processes, procedures, and tools to support accommodations for persons with disabilities is crucial for creating an inclusive and



accessible learning environment. Accessibility is not merely a legal requirement; it is a fundamental aspect of ensuring that higher education is open to all, regardless of physical or cognitive differences. This indicator highlights an institution's commitment to breaking down barriers and promoting equal access to education.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop this indicator to underscore their dedication to fostering an inclusive academic community. By investing in processes, procedures, and tools that facilitate accommodations, institutions empower students with disabilities to fully engage in their academic pursuits. This commitment not only aligns with ethical principles but also enhances the overall learning experience for all students.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in university rankings is essential in recognizing and rewarding institutions that prioritize inclusivity. By evaluating the presence and effectiveness of processes supporting accommodations, rankings provide a comprehensive assessment of an institution's commitment to accessibility. In doing so, they guide prospective students and stakeholders towards institutions that champion equal opportunities.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of solid processes for accommodations is profound. It paves the way for a future in which education is truly universal and accessible to everyone. By creating an environment that supports students with disabilities, universities contribute to a future workforce that values diversity, innovation, and inclusivity, thereby shaping societies that celebrate differences.

#### 5. Added Value of this Indicator to the University:

The added value of prioritizing accommodations for persons with disabilities extends far beyond compliance. It positions the university as a leader in creating an inclusive and accessible educational space, attracting a diverse range of students. Furthermore, it enhances the institution's reputation, as it becomes known not only for academic excellence but also for its commitment to creating a learning environment where everyone can thrive.

## 6. Why Universities Should Never Neglect This Indicator:

Neglecting the development of appropriate accommodations for persons with disabilities not only violates principles of equal opportunity but also undermines the very essence of higher education. Institutions that neglect this indicator risk perpetuating discriminatory practices, excluding talented individuals, and compromising the integrity of their academic mission. In an era that promotes diversity and inclusivity, universities must not disregard this signal, since doing so not only hinders individual potential but also tarnishes the institution's reputation as a beacon of knowledge and advancement.

Developing and maintaining effective processes, procedures, and tools to support accommodations for persons with disabilities is not just a legal obligation; it is a moral imperative and an investment in the future. Universities that embrace and excel in this indicator not only contribute to shaping a more inclusive society but also stand as beacons of higher education that value and prioritize the diverse needs of every learner.

### *11.1- The number of programs taught in foreign languages.*

Embracing Linguistic Diversity: The Significance of Programs Taught in Foreign Languages in Higher Education

#### 1. Why This Indicator is Important:

The metric assessing the proportion of programs taught in foreign languages holds enormous importance in the globalized landscape of higher education. In an interconnected world, language diversity is a fundamental component of cultural exchange and academic collaboration. Programs taught in foreign languages contribute to breaking down language barriers, promoting a fuller educational experience, and preparing students for a globalized workforce.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively improve this indicator to indicate their commitment to preparing students for a worldwide and multicultural society. Offering degrees in foreign languages promotes the versatility and adaptability of graduates, giving them the linguistic and cultural competence needed to navigate varied professional situations. This indicator displays a university's responsiveness to the demands of an interconnected world.

### 3. Why We Included this Indicator in the Ranking:

The introduction of this indicator in university rankings rewards institutions that move beyond traditional linguistic limits, enhancing their academic offerings. A higher number of programs taught in other languages implies a commitment to internationalization, attracting students seeking a more internationally focused education. In rankings, this characteristic differentiates institutions that actively contribute to breaking down linguistic barriers in higher education.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a considerable proportion of programs taught in foreign languages is revolutionary. Universities that promote linguistic variety are better positioned to generate graduates who can communicate successfully on a global basis. This not only boosts the university's prestige but also contributes to a future where professionals are skilled at working across boundaries, supporting international collaboration, and addressing global concerns.

### 5. Added Value of this Indicator to the University:

The added value of offering classes in foreign languages extends beyond academic development. It attracts a diverse pool of international students, producing a vibrant and culturally rich campus atmosphere. Furthermore, it establishes the institution as a hub for cross-cultural contact, making it an enticing choice for students seeking a comprehensive and globally relevant education.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the creation of programs taught in foreign languages is a squandered chance for universities to portray themselves as leaders in global education. In an era where intercultural communication is increasingly crucial, disregarding this indication hinders the institution's ability to provide students with a well-rounded, globally-focused education. Universities should never disregard this indicator, as doing so may result in a weakened capacity to prepare graduates for the complex problems of our linked world.

The number of programs taught in foreign languages is a crucial measure of a university's commitment to global education. It shapes the institution's identity as a forward-thinking, internationally-focused hub of learning. As institutions continue to prepare students for a

world without borders, this indicator stands as a monument to their dedication to language variety, cultural understanding, and the nurturing of globally competent graduates.

### *11.2- The proportion of employees with foreign language skills to the total number of employees.*

Fostering Global Competence: The Significance of Employees with Foreign Language Skills in Higher Education

#### 1. Why This Indicator is Important:

The proportion of personnel having foreign language capabilities in the entire workforce is a critical metric demonstrating the commitment of a university to global involvement. In an increasingly interconnected world, linguistic diversity is a tremendous instrument for effective communication, collaboration, and cultural understanding. Employees with foreign language skills contribute to breaking down language barriers, and establishing a more inclusive and internationally oriented institutional atmosphere.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop this indicator to match the expectations of a globalized academic and professional scene. Employees with foreign language proficiency boost the institution's potential for international collaboration, recruiting, and engagement. This indicator demonstrates a university's focus on providing a holistic, globally relevant experience for both students and staff.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the proportion of employees with foreign language abilities in university rankings serves as a recognition of universities that prioritize linguistic diversity within their personnel. It acknowledges the extra value of having staff members who can communicate effectively in various languages, adding to the general internationalization and reputation of the university.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a high proportion of personnel with foreign language skills is revolutionary for the university. It promotes the university as a global player capable of

developing international relationships, attracting a varied pool of students and faculty, and contributing to a more inclusive and culturally rich academic environment. This indicator envisions a future where colleges play a significant role in building a globally competent workforce.

#### 5. Added Value of this Indicator to the University:

The increased value of having personnel with foreign language proficiency extends beyond simply communication. It enriches the collaboration capacity of the institution, facilitating worldwide research efforts, international projects, and cross-cultural understanding. Additionally, a bilingual workforce boosts the university's appeal to international students and faculty, contributing to a more lively and diversified campus environment.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the development of a workforce with foreign language abilities is a squandered chance for colleges to portray themselves as globally competitive institutions. In an era where cross-cultural collaboration is vital to success, disregarding this signal hampers the university's capacity to fully exploit the benefits of linguistic variety. Universities should never disregard this signal, as doing so may hinder their capacity to handle the complexity of a globalized academic landscape.

The proportion of personnel with foreign language abilities is an important metric demonstrating a university's commitment to global competence and intercultural communication. As higher education institutions try to educate students for a world without borders, this indicator stands as a monument to their dedication to encouraging language variety, cultural understanding, and effective global participation.

### *11.3- The proportion of lecturers who teach in a foreign language (e.g. engineering taught in Spanish) relative to the total number of lecturers.*

Promoting Multilingual Instruction: The Significance of Lecturers Teaching in Foreign Languages

#### 1. Why This Indicator is Important:

The number of lecturers teaching in foreign languages is an important metric demonstrating a

university's commitment to linguistic diversity in education. This is particularly vital in disciplines where language plays a key role, such as engineering taught in Spanish. This statistic underlines the importance of giving students opportunities to engage with diverse linguistic and cultural viewpoints, preparing them for a worldwide professional context.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop this indicator to comply with the growing demands of a globalized academic environment. Incorporating foreign language education increases the learning experience, encouraging cultural understanding and linguistic fluency among students. This strategy not only prepares students for worldwide collaboration but also develops their adaptability and cross-cultural communication skills.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the proportion of lecturers teaching in foreign languages in university rankings highlights universities that prioritize multilingual instruction. It acknowledges the added value of delivering courses in languages beyond the prevailing ones, leading to a more inclusive and internationally oriented educational environment.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of a substantial number of lecturers teaching in foreign languages is revolutionary for the university. It establishes the university as a leader in creative and globally relevant instruction. This strategy envisions a future where universities play a crucial role in developing individuals who are not just academically adept but also culturally and linguistically diverse.

#### 5. Added Value of this Indicator to the University:

The added advantage of having a significant number of lecturers teaching foreign languages extends beyond the immediate classroom. It boosts the university's reputation as an institution devoted to providing a complete and globally-minded education. The exposure to varied linguistic contexts contributes to the overall cultural competency of students, providing a more inclusive and dynamic learning environment.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the growth of foreign language instruction within the lecturer cohort is a squandered opportunity for universities to enhance the quality and relevance of their education. In an era where global perspectives are increasingly vital, disregarding this indication undermines the university's ability to effectively prepare students for the complexity of a diverse and linked world. Universities should never disregard this signal, as doing so may limit their capacity to give students a fully worldwide educational experience.

The proportion of professors teaching in foreign languages is a vital indicator demonstrating a university's focus on preparing students for global issues. As higher education institutions aspire to produce well-rounded, culturally aware graduates, this indicator stands as a witness to their dedication to cultivating language diversity and global competence in the educational journey.

#### *11.4- The website of the university is available in [number of languages]*

##### Multilingual Web Presence: A Gateway to Global Engagement for Universities

#### 1. Why This Indicator is Important:

The number of languages in which a university's website is available acts as a vital sign of the institution's commitment to diversity and global involvement. In an interconnected world, a bilingual website guarantees that information about the university is accessible to a varied audience, transcending linguistic barriers and establishing a sense of belonging for international students and stakeholders.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively establish a bilingual web presence to cater to a worldwide audience. This indicator demonstrates an institution's awareness of the linguistic diversity within its community and its dedication to delivering information in languages outside the local or dominant ones. A bilingual website is a proactive step toward building an inclusive digital environment that resonates with the global nature of academics.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of languages in which a university's website is available in rankings

highlights the institution's dedication to accessibility and global communication. It celebrates colleges that go the extra mile to ensure that their digital platforms are friendly and informative for individuals from all language backgrounds.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a multilingual website is tremendous for the university. As the globe becomes increasingly interconnected, universities that promote a broad online presence are better positioned to attract a global student population, faculty, and collaboration possibilities. This indicator anticipates a future when colleges serve as beacons of accessibility and inclusivity in the digital domain.

#### 5. Added Value of this Indicator to the University:

The added benefit of a bilingual website extends beyond functionality. It promotes the university's reputation as an internationally conscious institution that values diversity in all aspects, including its virtual presence. A website available in various languages generates a positive perception among foreign stakeholders, contributing to the overall attractiveness and competitiveness of the university on a global scale.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the building of a bilingual website is a missed chance for colleges to exhibit their dedication to global diversity. In an era where information is largely available online, disregarding this indication affects the university's capacity to successfully communicate its values, programs, and opportunities to a broad and diverse audience. Universities should never disregard this indicator, as doing so may limit their reach and impact on a worldwide scale.

The number of languages in which a university's website is available is more than a technical detail; it is a witness to the institution's desire to provide a global, inclusive, and accessible digital environment. As colleges continue to negotiate an ever-expanding digital ecosystem, this indicator becomes increasingly vital in creating their identity and influence on a worldwide scale.



### *11.5- The proportion of courses taught in a foreign language to the total courses offered at the university.*

#### Globalizing Education: The Significance of Courses Taught in Foreign Languages

##### 1. Why This Indicator is Important:

The proportion of courses offered in a foreign language is a key metric as it shows the internationalization of a university's curriculum. In an era of globalization, this statistic reflects a dedication to providing children with an education that transcends national boundaries, preparing them for a world where multilingual and multicultural competencies are crucial.

##### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop the proportion of courses taught in a foreign language to accord with the demands of a globalized world. This indication not only enhances the academic experience for students but also positions the institution as forward-thinking, promoting an environment where varied linguistic backgrounds are embraced, and students are equipped with the linguistic abilities needed for international collaboration.

##### 3. Why We Included this Indicator in the Ranking:

Including the number of courses taught in a foreign language in rankings highlights colleges that value a globalized educational experience. It acknowledges universities that go beyond traditional linguistic boundaries, offering students a curriculum that emphasizes the interdependence of subjects and cultures, contributing to a more comprehensive and richer academic environment.

##### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a significant number of courses taught in a foreign language is revolutionary. It promotes the university as a hub for global talent, attracting students who desire an education that extends beyond national perspectives. This indicator envisions a future where graduates are not just academically capable but also possess the cultural and language fluency necessary for success in an increasingly interdependent world.

##### 5. Added Value of this Indicator to the University:

The added benefit of a high proportion of courses taught in a foreign language extends to the

university's reputation and impact. It boosts the institution's attractiveness to international students, teachers, and collaborating partners, establishing a diversified academic community that enriches the overall learning experience. This signal offers a unique dimension to the university's identity, setting it apart as a global player in higher education.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the creation of a major proportion of courses taught in a foreign language is a squandered opportunity for universities to portray themselves as leaders in global education. In an era where cross-cultural competencies are increasingly prized, disregarding this indicator restricts the university's ability to provide students with a holistic and globally relevant education. Universities should never disregard this signal, since it is crucial in shaping their role in the future landscape of higher education.

The proportion of courses offered in a foreign language is not only a statistical metric; it is a strategic commitment to globalizing education. This indication reflects the essence of an institution that embraces diversity, fosters international collaboration, and educates students to handle the complexity of our interconnected world.

### *11.6- The number of foreign language programs offered at the university including different specializations.*

Cultivating Global Perspectives: The Significance of Foreign Language Programs in Higher Education

#### 1. Why This Indicator is Important:

The number of foreign language programs, spanning diverse specializations, is a vital indicator in higher education as it symbolizes an institution's dedication to developing linguistic diversity and global participation. In an increasingly linked world, this measure denotes a proactive approach by the university to provide students with opportunities to study languages beyond their home tongue, enhancing cultural awareness and extending intellectual horizons.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop several foreign language programs to answer the demands of a worldwide academic landscape. This indicator demonstrates a dedication to

inclusivity and multiculturalism, providing students with a platform to acquire fluency in languages that are not only useful for personal development but also essential for efficient communication and collaboration in the international arena.

### 3. Why We Included this Indicator in the Ranking:

Including the number of foreign language programs in university rankings highlights universities that value linguistic variety and a globalized curriculum. This statistic goes beyond typical academic offerings, rewarding universities that actively contribute to preparing students for a world where language variety is a prized advantage. In the ranking, it demonstrates a dedication to comprehensive education that spans cultural and linguistic divides.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a considerable number of foreign language programs is revolutionary for the university. It promotes the university as a hub for linguistic variety, drawing students globally who seek an education that not only spans national boundaries but also offers specialized expertise in varied subjects. This indicator envisions a future where graduates are not just multilingual but also exhibit knowledge in their chosen subjects within a global environment.

### 5. Added Value of this Indicator to the University:

The added value of having a choice of foreign language programs extends beyond the academic world. It promotes the university's reputation as an inclusive and globally-minded institution, attracting a varied student body and promoting a lively multicultural community. This characteristic provides immense value to the university's identity, shaping it as a beacon of linguistic and cultural diversity, and contributing to its renown on the global stage.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the development of a varied assortment of foreign language programs is a squandered chance for institutions to portray themselves as leaders in global education. In a world where good communication across borders is important, disregarding this indicator undermines the university's ability to provide students with a comprehensive and globally relevant education. Universities should never disregard this signal, as it is crucial in shaping

their role in the future landscape of higher education, underlining the relevance of language variety in academic endeavors.

The number of foreign language programs, with varied specializations, is not merely a numerical indicator; it is a tribute to a university's dedication to creating global perspectives and nurturing students who are proficient in navigating the intricacies of an interconnected world.

### *12.1- The number of sustainable development initiatives at the university.*

Fostering Sustainable Futures: The Crucial Role of Sustainable Development Initiatives in Higher Education

#### 1. Why This Indicator is Important:

The amount of sustainable development initiatives at a university stands as evidence of its dedication to environmental, social, and economic responsibility. It is significant as it indicates an institution's recognition of its responsibility in shaping not only the academic minds of students but also their ethical and ecological consciousness. This indication indicates a focus on addressing major global concerns, making it a crucial component of a university's societal contribution.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively establish a portfolio of sustainable development activities as part of their obligation to nurture socially responsible individuals. These initiatives provide a forum for academic institutions to contribute significantly to the greater community and the planet. By integrating sustainability into numerous elements of university life, from curriculum design to campus management, colleges develop values that transcend beyond academic understanding, training students to become champions for a sustainable future.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of sustainable development activities in university rankings reflects the transformative impact that higher education can have on society and the environment. Universities that prioritize sustainability contribute to a worldwide movement toward responsible citizenship and environmental stewardship. Including this indicator in

rankings pushes universities to implement sustainable practices, promoting a sense of responsibility that resonates with prospective students, faculty, and the larger community.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of sustainable development programs is considerable for the university. It presents the university as a leader in sustainable education, attracting individuals who are not only seeking academic excellence but also wish to contribute meaningfully to a sustainable future. As the globe grapples with environmental concerns, colleges with a strong focus on sustainability are likely to generate graduates who are ready to address and invent solutions for a changing world.

#### 5. Added Value of this Indicator to the University:

The added advantage of having a considerable number of sustainable development initiatives extends far beyond academic accolades. It transforms the institution into a hub of innovation and responsible citizenship, attracting students, staff, and partners who align with the values of sustainability. The university becomes a live example of the beneficial impact that educational institutions may have on the world, adding immense value to its reputation and influence.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the creation of sustainable initiatives is a squandered opportunity for universities to contribute actively to the well-being of the planet and society. In an era where sustainability is not just an option but a duty, universities should never disregard this signal. It is a crucial component of their social responsibility and a commitment to building a future generation that is cognizant of its impact on the environment and dedicated to generating good change.

The number of sustainable development activities at a university is not only a metric; it is a sign of an institution's determination to become a constructive force for change. It underlines the university's role in crafting a sustainable future by developing principles of responsibility, creativity, and ethical leadership in its students and the greater community.

## *12.2- The number of environmental development initiatives at the university.*

### Elevating Environmental Consciousness: The Significance of Environmental Development Initiatives in Higher Education

#### 1. Why This Indicator is Important:

The quantity of environmental development activities at a university is a critical measure of its commitment to ecological sustainability. It denotes an institution's proactive commitment to tackling environmental concerns, supporting conservation, and establishing a culture of responsibility. This factor is crucial as it represents a university's involvement in not only sharing information but also actively contributing to environmental stewardship.

#### 2. Why Universities Should Develop This Indicator:

Universities play a key role in shaping the beliefs and habits of future generations. Developing a comprehensive portfolio of environmental development activities is crucial in this regard. By integrating sustainability into numerous parts of university life, from curriculum design to campus management, universities may inculcate a profound sense of environmental conscience in students. This indicator, therefore, acts as a physical indication of a university's commitment to creating ecologically responsible people.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of environmental development activities in university rankings underscores the increasing necessity for higher education institutions to actively contribute to environmental sustainability. Universities that focus and invest in such efforts not only fulfill their civic responsibilities but also position themselves as leaders in promoting a sustainable future. Including this indicator in rankings creates a culture of environmental responsibility, influencing potential students and encouraging healthy competition among institutions.

#### 4. The Impact of this Indicator on the Future of the University:

The future influence of a university's environmental development initiatives is complex. It portrays the institution as a pioneer in sustainable education, attracting individuals who are not just pursuing academic excellence but also wish to be part of a community dedicated to environmental protection. As the global community grapples with environmental difficulties, colleges with a strong concentration on environmental development are likely to generate

graduates who are well-equipped to contribute to sustainable solutions.

#### 5. Added Value of this Indicator to the University:

The added benefit of a considerable number of environmental development efforts extends beyond academic acknowledgment. It converts the institution into a hub of innovation and environmental leadership, attracting students, faculty, and partners who are passionate about sustainability. The university becomes a living embodiment of appropriate environmental practices, strengthening its reputation and impact. The added value resides in the establishment of a community that actively participates in the global endeavor toward a sustainable future.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the creation of environmental initiatives is a squandered chance for universities to fulfill their responsibility as responsible global citizens. In an era where environmental sustainability is a worldwide responsibility, institutions should never disregard this signal. It is a crucial component of their commitment to making a positive influence on the globe and preparing students to be conscientious stewards of the environment.

The number of environmental development efforts at a university is not merely a metric; it is a witness to an institution's dedication to environmental protection. It displays the university's active participation in contributing to a sustainable future and reaffirms its status as a leader in producing environmentally conscious people.

### *12.3- The number of UN Sustainable Development Goals applied by the university.*

Fostering Global Impact: The Significance of Applying UN Sustainable Development Goals in Universities

#### 1. Why This Indicator is Important:

The number of UN Sustainable Development Goals (SDGs) adopted by a university is an important indication demonstrating the institution's commitment to solving global concerns comprehensively. These goals address crucial concerns such as poverty, climate change, and inequality, giving a complete framework for sustainable development. This indicator is crucial as it reflects a university's devotion to contributing meaningfully to a more sustainable and

equitable world.

## 2. Why Universities Should Develop This Indicator:

Universities are well positioned to influence positive change, and having a comprehensive approach to applying UN SDGs is crucial in achieving this responsibility. By integrating these principles into different areas of their operations, from research and teaching to community engagement, universities can actively contribute to global sustainability. This indicator provides a practical indication of a university's alignment with global issues and its commitment to teaching and developing future leaders with a sense of responsibility.

## 3. Why We Included this Indicator in the Ranking:

The addition of the number of UN Sustainable Development Goals applied by an institution in rankings emphasizes the enormous impact universities may have on society. It underlines the need for higher education institutions to match their missions with global interests. By including this indicator, rankings push colleges to assume a broader societal role, encouraging a culture of social responsibility. It views universities as vital stakeholders in furthering the global agenda for sustainable development.

## 4. The Impact of this Indicator on the Future of the University:

The future impact of a university's commitment to the UN SDGs is revolutionary. It frames the university as a promoter for good change, attracting students, faculty, and partners who share a commitment to addressing major global concerns. Graduates from such universities are likely to be prepared with a profound awareness of the interconnection of global concerns and the abilities needed to provide answers. The future influence extends beyond university bounds, impacting communities and businesses through graduates who support sustainable practices.

## 5. Added Value of this Indicator to the University:

The added advantage of actively utilizing UN SDGs rests in the enormous impact a university may have on a global scale. It converts the institution into a beacon of sustainable growth, drawing persons and collaborations that share a commitment to these common goals. The university becomes a powerhouse of innovation, research, and instruction that directly addresses the most important concerns facing humanity. The added value extends to the reputation, impact, and legacy of the university as a good agent for world change.



## 6. Why Universities Should Never Neglect This Indicator:

Neglecting the execution of UN SDGs is tantamount to neglecting the linked difficulties that humanity faces. Universities, as information hubs and societal influencers, should never disregard this indicator. It is a chance for institutions to connect their activities with global imperatives and actively contribute to a sustainable, inclusive, and prosperous future. Neglecting this indicator means missing a chance to make a real impact on the world and failing to provide students with the tools needed to address difficult global concerns.

The application of UN Sustainable Development Goals is not merely a criterion; it is a witness to a university's dedication to crafting a better future. This indicator demonstrates a proactive posture in addressing global concerns and underlines the university's role as a transformative force for positive change in the globe.

### *13.1- The ratio of employment of the graduates within 18 months after their graduation.*

Empowering Graduates: The Significance of Employment Ratios Within 18 Months of Graduation

#### 1. Why This Indicator is Important:

The ratio of employment of graduates within 18 months after their graduation is a critical metric for analyzing the practical impact of higher education. It provides insights into the success of university programs in preparing students for the workforce. This indicator is significant because it directly assesses the capacity of graduates to transform their academic knowledge and abilities into relevant career prospects, adding to their personal and professional success.

#### 2. Why Universities Should Develop This Indicator:

Universities have a key role in determining the destiny of their students. Developing the employment ratio within 18 months of graduation as a major indicator underlines the obligation of higher education institutions to prepare students with the skills and abilities expected by the job market. By actively tracking and promoting successful transitions to employment, colleges can improve their curricula, career services, and overall educational approach to better line with the dynamic needs of the workforce.

### 3. Why We Included this Indicator in the Ranking:

The addition of the employment ratio in institution rankings underlines the broader socioeconomic impact of higher education. Universities are not merely knowledge disseminators; they are engines of socio-economic mobility. Including this indicator in rankings encourages colleges to prioritize the employability of their graduates, promoting the idea that the ultimate measure of educational accomplishment is the good trajectory of students in the professional realm.

### 4. The Impact of this Indicator on the Future of the University:

The future consequence of a strong employment ratio is considerable for both the university and its graduates. For the institution, it shows a dedication to producing graduates who are not just academically capable but also professionally competitive. This, in turn, increases the institution's reputation, attracts potential students, and establishes significant collaborations with employers. For graduates, a high employment ratio facilitates a smoother transition into the workforce, laying the scene for happy jobs and a positive feedback loop that benefits future generations of students.

### 5. Added Value of this Indicator to the University:

The employment ratio within 18 months of graduation provides tremendous value to a university. It becomes a physical indication of the institution's impact on the lives of its graduates. A high employment ratio strengthens the university's prestige in the academic and professional communities, recruiting top personnel, industry collaborations, and research possibilities. Moreover, it acts as a potent marketing tool, communicating to prospective students that the university is dedicated not only to education but also to encouraging successful career outcomes.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the employment ratio statistic is comparable to disregarding the basic aim of higher education: educating students for meaningful and successful lives beyond academics. A university that neglects this signal risks a gap between academic offers and the growing demands of the job market. By actively tracking and increasing this ratio, universities ensure their continued relevance and effect, contributing to the sustained success of their graduates

and the broader growth of society.

The employment ratio within 18 months of graduation is not merely a statistical number; it is a testament to the efficiency of higher education in enabling individuals for real-world success. It integrates the university's goal with social requirements, producing a positive cycle of ongoing progress and relevance in an ever-evolving global setting.

### *13.2- Labor market surveys are available at the university.*

#### Elevating Futures: The Significance of Labor Market Surveys at Universities

##### 1. Why This Indicator is Important:

Labor market surveys at universities serve as a critical connection between academia and the professional world. They provide vital insights into the alignment of educational programs with the evolving needs of the employment market. This indicator is crucial because it enables a real-time assessment of the employability of graduates, allowing institutions to modify their curricula, career services, and overall educational strategy to better match the demands of the ever-evolving workforce.

##### 2. Why Universities Should Develop This Indicator:

Universities are not merely academic institutions; they are incubators for future professions. Developing labor market surveys as a significant indicator highlights the obligation of colleges to prepare students for successful employment. By actively collecting and evaluating data on the job outcomes of their graduates, institutions may fine-tune their educational offerings, ensuring graduates acquire the skills and competencies needed by employers.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of labor market surveys in university rankings underscores the transformational function of higher education in altering the professional environment. By considering this indicator, rankings encourage colleges to proactively interact with labor market developments, establishing a culture of adaptation and responsiveness. This inclusion conveys to stakeholders, including prospective students and businesses, that a university's dedication goes beyond education; it extends to preparing graduates for important contributions to the workforce.

#### 4. The Impact of this Indicator on the Future of the University:

The future significance of substantial labor market surveys is varied. For the institution, it provides strategic planning, allowing for the ongoing enhancement of academic programs based on real-world needs. An institution that prioritizes this indicator is better positioned to develop strong collaborations with industry leaders, attract top-tier faculty, and cultivate a reputation for generating graduates who seamlessly transition into the workforce. For students, this devotion translates into enhanced prospects for job success and upward mobility.

#### 5. Added Value of this Indicator to the University:

Labor market surveys provide universities with a plethora of extra value. They function as a diagnostic tool, delivering actionable data into areas where academic programs can be improved to better suit industry standards. Additionally, universities adopting this indicator boost their credibility and competitiveness. Prospective students and their families are more likely to choose universities that demonstrate a clear commitment to graduate employability, and companies are more motivated to pursue relationships with colleges known for producing job-ready graduates.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting labor market surveys is equivalent to dismissing the fundamental goal of higher education - preparing individuals for successful and influential professions. An institution that neglects this signal risks becoming out of touch with the realities of the job market, potentially creating graduates who have difficulty getting jobs. By actively adopting and using labor market surveys, universities assure their continuous relevance, contributing to the prolonged success of their graduates and retaining a reputation as drivers of socio-economic growth.

Labor market surveys are not only administrative operations; they are drivers for constructive change within universities. Their inclusion in institutional procedures strengthens the educational experience, promotes meaningful relationships, and ultimately positions institutions as dynamic contributors to the professional success of their graduates and the greater socioeconomic environment.

### *13.3- Number of labor market orientation meetings during the last academic year (in all business areas and all sectors).*

#### Nurturing Career Pathways: The Significance of Labor Market Orientation Meetings at Universities

##### 1. Why This Indicator is Important:

The number of labor market orientation sessions conducted by universities in various business areas and sectors is a critical measure of the institution's dedication to giving students a complete awareness of real-world career landscapes. These meetings give a venue for students to acquire insights into industry trends, employer expectations, and upcoming prospects, making them crucial for informed career decision-making.

##### 2. Why Universities Should Develop This Indicator:

Universities perform a dual role as educators and career boosters. Developing the indicator of labor market orientation meetings demonstrates a university's attention to holistic student development. By hosting and publicizing such events, institutions educate students with the knowledge and views essential to negotiate the intricacies of the job market successfully. This proactive strategy links educational experiences with practical insights, equipping graduates for career success.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of the number of job market orientation meetings in university rankings underlines the transformative role institutions play in shaping students' futures. Ranking systems that use this indicator reflect the greater obligation of higher education institutions to transcend beyond traditional academic bounds. Universities actively interacting with labor market realities, as evidenced in these sessions, contribute greatly to students' employability and overall career preparedness.

##### 4. The Impact of this Indicator on the Future of the University:

The future impact of a vigorous series of labor market orientation meetings is considerable. Universities that invest in these efforts are better positioned to create graduates who are not only academically capable but also possess a deep awareness of the professional landscape. This, in turn, increases the university's prestige, attracting top-tier students, faculty, and

industry partnerships. Such a forward-looking attitude ensures the institution's sustained relevance and influence.

#### 5. Added Value of this Indicator to the University:

The additional benefit of labor market orientation meetings is varied. Firstly, they act as a direct bridge between academics and industry, promoting collaborations that benefit both students and businesses. Secondly, these meetings contribute to a pleasant learning environment by offering students practical insights, networking chances, and mentorship possibilities. The university, in turn, develops a reputation for generating graduates who easily transition into the workforce, creating a competitive edge in the educational landscape.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the organization of job market orientation meetings undermines the fundamental basis of a university's commitment to student achievement. Universities that overlook this signal risk leaving their graduates ill-equipped for the demands of the job market. By actively organizing and promoting such events, universities exhibit a commitment to student's holistic development, cultivating a culture of lifelong learning and adaptability that is important in today's dynamic professional world.

The number of labor market orientation sessions is not only a statistical figure but a measure of a university's dedication to educating students for meaningful and successful professions. By actively developing and promoting this indicator, colleges contribute not just to the immediate employability of their graduates but also to the broader societal objective of building a talented, flexible, and globally competitive workforce.

### *13.4- The number of gatherings with labor market owners, company owners, and stakeholders of the labor market during the last 5 years.*

#### Strategic Engagement: Fostering University-Industry Collaborations for Future Success

#### 1. Why This Indicator is Important:

The number of gatherings with labor market owners, company owners, and stakeholders of the labor market during the last five years is a vital measure of a university's commitment to creating meaningful collaborations with important industry participants. These events

promote direct exchanges between academia and the job market, ensuring that academic curricula fit with industry needs, increasing employability, and enhancing students' preparedness for the professional world.

#### 2. Why Universities Should Develop This Indicator:

Developing the indicator of gatherings with labor market players is crucial for colleges wanting to bridge the gap between academia and industry. By organizing and participating in such events, colleges establish a platform for significant talks, partnerships, and collaborations. This statistic demonstrates the institution's proactive effort to stay sensitive to the growing demands of the job market and alter academic offerings accordingly.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in university rankings reflects the importance of strategic involvement with labor market players. Universities that actively participate in and arrange gatherings with industry executives exhibit a commitment to creating graduates with not only academic knowledge but also practical insights and abilities that directly correlate with market requirements. Such participation is crucial to a university's effect and relevance in the broader educational landscape.

#### 4. The Impact of this Indicator on the Future of the University:

The future significance of sustained gatherings with labor market stakeholders is considerable. Universities that prioritize these engagements position themselves as dynamic institutions that respond effectively to industry dynamics. This aggressive posture strengthens the institution's reputation, attracting top-tier staff, students, and industry collaborations. Furthermore, it guarantees that graduates are not just academically skilled but also possess a practical understanding of real-world difficulties, making them excellent assets to businesses.

#### 5. Added Value of this Indicator to the University:

The additional benefit of gatherings with labor market stakeholders is complex. Firstly, these engagements permit the co-creation of curricula that are industry-relevant and responsive to new trends. Secondly, they create options for joint research, internships, and job placements, boosting students' experience learning. Universities that actively promote this indicator enjoy a competitive advantage, becoming hubs of innovation and creating graduates who easily

integrate into the workforce.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the coordination of gatherings with labor market players jeopardizes the symbiotic link between academia and industry. Universities that overlook this signal risk generating graduates with a theoretical understanding that may not correlate with contemporary industrial expectations. Actively developing and cultivating this indicator ensures that universities remain at the forefront of educational achievement, creating graduates who are not only academically adept but also industry-ready.

The number of gatherings with labor market owners, firm owners, and stakeholders is not simply a numerical statistic but proof of a university's dedication to relevance, innovation, and excellence. Universities actively promoting this indicator contribute considerably to the growth of education, producing a lasting impact on students, industries, and the greater community.

### *13.5- The university has established an internationally oriented career center(s).*

Global Career Centers: Nurturing International Opportunities for Future Success

#### 1. Why This Indicator is Important:

The construction of internationally oriented career centers within a university is a vital indicator of the institution's commitment to providing full assistance for students' worldwide career aspirations. These institutes play a vital role in leading students toward worldwide prospects, preparing them for a competitive and interconnected labor market.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively promote the indicator of internationally oriented career centers to guarantee that students are well-equipped with the skills and resources necessary for global career success. These centers act as hubs for establishing international networks, offering guidance on global employment trends, enabling cross-cultural communication skills, and linking students with varied internship and career possibilities abroad.

#### 3. Why We Included this Indicator in the Ranking:



The inclusion of internationally oriented job centers in university rankings emphasizes the necessity of educating students for a transnational workforce. Institutions with well-established career centers that focus on international prospects contribute greatly to the employability and success of their graduates, improving the overall prestige and effect of the university on a global scale.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of investment in internationally oriented career centers is enormous. Universities that prioritize this metric are likely to experience a favorable influence on alumni success, international collaborations, and institutional recognition. Graduates who benefit from such career centers are better positioned to contribute to global companies, establishing a positive feedback cycle that attracts top talent and worldwide relationships to the university.

#### 5. Added Value of this Indicator to the University:

The establishment of internationally oriented career centers adds significant value to a university's offerings. These centers constitute a unique selling point, attracting students who wish to pursue global jobs. By providing focused resources, mentorship, and networking opportunities, colleges with well-developed career centers enhance the whole educational experience, ensuring that graduates are not only academically capable but also globally competitive.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the construction of internationally oriented career centers puts universities at a disadvantage in the increasingly globalized education scene. Universities that overlook this signal risk generating graduates who may fail to manage the complexity of an international job market. Furthermore, disregarding such centers may impair the institution's capacity to build lucrative global relationships and collaborations.

The construction of internationally oriented career centers is not only a service; it is an investment in the future success of students and the institution as a whole. Universities that actively promote this indication present themselves as leaders in global education, building a community of graduates who are not just academically proficient but also well-prepared for the difficulties and opportunities of the worldwide workforce.

### *13.6- The university is offering information about the professional development of the graduates.*

#### Fostering Lifelong Success: The Importance of Offering Information about Graduate Professional Development

##### 1. Why This Indicator is Important:

The indicator of presenting information regarding the professional development of graduates is significant as it demonstrates a university's dedication to the continued success of its alumni. Providing continuing assistance and tools for graduates' professional progress ensures that they remain competitive and flexible in a dynamic employment market.

##### 2. Why Universities Should Develop This Indicator:

Universities should aggressively improve this indication to fulfill their role beyond the classroom. By delivering knowledge on professional development, universities help graduates to navigate their career pathways successfully. This indication correlates with the holistic educational purpose, emphasizing that learning goes beyond graduation into the area of practical application and lifetime skill growth.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of this factor in university rankings acknowledges the expanding environment of higher education, where the influence of a university is not exclusively judged by academic achievements during enrollment but also by the ongoing success and fulfillment of its graduates. A university's commitment to giving information on professional growth contributes greatly to its reputation and overall influence.

##### 4. The Impact of this Indicator on the Future of the University:

The future influence of colleges actively offering information regarding graduate professional growth is far-reaching. Graduates empowered with resources for continued career progress become advocates for the university, favorably affecting its reputation. Moreover, the university positions itself as an institution dedicated not just to information dissemination but also to the continued success of its alumni, establishing a strong and supportive alumni network.

#### 5. Added Value of this Indicator to the University:

The extra value of giving information about graduate professional development is tremendous. It boosts the perceived worth of a degree from that institution, attracting potential students who seek not only academic brilliance but also assurances of continued assistance for their career journey. An institution that prioritizes and invests in the lifelong success of its graduates stands out in a competitive academic field.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the supply of information concerning graduate professional development is a disservice to both current students and alumni. In an era where career trajectories are dynamic, universities that overlook this signal risk creating graduates who may struggle to adapt to altering professional environments. Furthermore, disregarding this signal diminishes the potential for establishing a healthy and active alumni network.

The indicator of delivering information regarding the professional growth of graduates is fundamental to the broader aim of a university. By prioritizing lifelong success, universities not only fulfill their commitment to individual graduates but also contribute to the collective prosperity of their alumni network, favorably enhancing the institution's legacy and influence in the long term.

### *14.1- The number of sports facilities available for every 1,000 students in the university.*

#### Fostering Well-Rounded Excellence: The Importance of Sports Facilities in Higher Education

##### 1. Why This Indicator is Important:

The indication of the quantity of sports facilities per 1,000 pupils is significant in ensuring a comprehensive educational experience. Physical well-being is intertwined with mental and emotional health, and sports facilities contribute to a lively campus life, developing a sense of community, discipline, and teamwork among students.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively improve this indicator to underline their dedication to providing students with a complete and enriching educational environment. A well-equipped sports

infrastructure not only enriches the entire student experience but also encourages a culture of wellness and balance.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of this factor in university rankings recognizes the shifting paradigm of higher education, where institutions are rated not only for academic achievements but also for their attention to nurturing well-rounded persons. Sports facilities contribute greatly to a university's appeal, attracting students seeking a balanced and dynamic campus life.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of universities investing in sports facilities is multi-faceted. It extends beyond the obvious benefits of physical health to cover better student satisfaction, alumni participation, and a strong institutional image. A university with well-maintained sports facilities is likely to enjoy long-term benefits in terms of student recruitment, retention, and overall institutional reputation.

### 5. Added Value of this Indicator to the University:

The added value of having sports infrastructure is considerable. It contributes to the recruitment of a varied student body, meeting the desires of students who seek a university experience that goes beyond academics. Additionally, it generates a sense of pride and solidarity among students, contributing to a dynamic campus life and positively benefiting the university's brand and status in the academic community.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the provision of suitable sports facilities is a squandered opportunity for institutions to establish a dynamic and encouraging atmosphere for their students. Physical exercise is crucial to overall well-being, and colleges that disregard this indication risk losing students of the various benefits associated with a healthy and active lifestyle. Moreover, neglecting sports facilities may result in decreased student satisfaction and limit the institution's attraction to potential students.

The number of sports facilities per 1,000 students is a vital factor in judging the overall quality and appeal of an institution. Universities that focus and invest in sports infrastructure not only

contribute to the physical well-being of their students but also promote a positive and engaging campus culture that resonates with current and potential members of the academic community.

#### *14.2- The number of football fields, stadiums, entertainment halls, virtual reality, and entertainment gatherings available at the university.*

##### Cultivating Campus Life: The Significance of Recreational Facilities in Higher Education

###### 1. Why This Indicator is Important:

The indication including football fields, stadiums, entertainment halls, virtual reality, and entertainment events at a university is crucial in developing a lively and interesting campus life. These facilities contribute to creating a holistic atmosphere that supports not just physical well-being but also social connection, creativity, and cultural enrichment.

###### 2. Why Universities Should Develop This Indicator:

Universities can actively cultivate this indicator to underline their commitment to providing students with a diverse and enriching campus experience. These recreational facilities go beyond standard academic settings, providing spaces for students to unwind, mingle, and explore diverse recreational activities that contribute to personal growth and well-being.

###### 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in university rankings reflects the growing expectations of students and the broader society regarding the nature of comprehensive education. A university's commitment to offering state-of-the-art recreational facilities is a tribute to its dedication to developing a well-rounded educational experience, contributing to the overall appeal and competitiveness of the university.

###### 4. The Impact of this Indicator on the Future of the University:

The future influence of universities investing in various leisure facilities is far-reaching. Beyond immediate benefits such as better campus life and student satisfaction, these amenities contribute to alumni engagement and excellent university branding. A university with a rich assortment of recreational activities is likely to enjoy long-term benefits in terms of student recruitment, retention, and overall institutional reputation.

#### 5. Added Value of this Indicator to the University:

The added advantage of having a choice of recreational amenities is considerable. It not only benefits the physical well-being of students but also enriches their whole university experience. Virtual reality and entertainment gatherings, in particular, indicate a commitment to remain abreast of technological changes, improving the university's appeal to potential students seeking a contemporary and innovative educational environment.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the construction of football fields, stadiums, entertainment halls, virtual reality, and entertainment gatherings is a squandered chance for universities to establish a dynamic and supportive campus atmosphere. These amenities help to the holistic development of students, supporting physical activity, cultural involvement, and community building. Neglecting this metric may result in decreasing student satisfaction and impede the university's capacity to compete in an increasingly competitive higher education landscape.

The availability of football fields, stadiums, entertainment halls, virtual reality, and entertainment events is vital to establishing a vibrant and engaging campus environment. Universities that emphasize and invest in different recreational facilities not only contribute to the physical and social well-being of their students but also portray themselves as institutions committed to offering a comprehensive and modern educational experience.

### *14.3- Student Participation Rate in Athletics or Sports Clubs.*

Fostering a Culture of Wellness: The Crucial Role of Student Participation in Athletics and Sports Clubs

#### 1. Why This Indicator is Important:

The indicator evaluating student participation in athletics or sports groups is crucial for various reasons. Engaging in sports develops physical health, emotional well-being, and teamwork abilities. Beyond the physical benefits, participation in sports and athletics cultivates discipline, time management, and leadership, contributing considerably to the overall development of pupils.

## 2. Why Universities Should Develop This Indicator:

Universities should actively develop this indication as it coincides with the greater purpose of offering a well-rounded education. Encouraging student involvement in athletics and sports organizations enhances the overall university experience, promoting a healthy lifestyle and providing an opportunity for students to create lifelong friendships and networks.

## 3. Why We Included this Indicator in the Ranking:

The inclusion of the student engagement rate in athletics or sports clubs in university rankings demonstrates an awareness of the multidimensional nature of student accomplishment. A university's commitment to cultivating a thriving sports culture demonstrates a focus on supporting not only academic brilliance but also personal and social growth, contributing to the institution's overall attractiveness.

## 4. The Impact of this Indicator on the Future of the University:

The future impact of increased student participation in athletics is considerable. Students who regularly engage in sports are likely to acquire lifelong habits of physical activity, improving long-term health and well-being. Moreover, the spirit of camaraderie and collaboration established via sports involvement contributes significantly to the university's alumni network and reputation.

## 5. Added Value of this Indicator to the University:

The added advantage of student involvement rate in athletics is numerous. It boosts the university's image as an institution dedicated to the complete development of its students. This devotion might attract potential students seeking not only academic brilliance but also a dynamic campus life that includes chances for sports and recreation.

## 6. Why Universities Should Never Neglect This Indicator:

Neglecting the student involvement rate in athletics or sports clubs is a missed chance for colleges to contribute to the well-being and personal development of their students. Athletics and sports organizations provide opportunities for stress relief, skill development, and community building, all of which are vital to a pleasant university experience. Neglecting this signal could result in lower student satisfaction and a less desirable university profile.

Encouraging and assessing student participation in athletics or sports organizations is crucial for institutions wanting to provide a comprehensive and enjoyable educational experience. This measure not only adds to the current well-being of students but also has enduring consequences on their future health, social ties, and the general reputation of the university. Therefore, institutions should actively emphasize and invest in promoting a culture of athletics and athletic involvement among their student body.

### *15.1- The number of technological development initiatives of the HEIs during the last academic year.*

Driving Innovation: Significance of Technological Development Initiatives in Higher Education

#### 1. Why This Indicator is Important:

The amount of technological development efforts performed by Higher Education Institutions (HEIs) acts as a vital benchmark for their adaptability and dedication to keeping at the forefront of educational innovations. This indicator shows an institution's focus on harnessing technology to enhance teaching, research, and overall student experience.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively establish and track technological development projects as technology plays an increasingly crucial role in modern education. By encouraging a culture of innovation, universities may enhance the quality of education, streamline administrative operations, and educate students for the growing demands of the digital age, thereby keeping competitive in the global academic scene.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of technological development efforts in university rankings acknowledges the transformative impact of technology on education. Universities leading in technological innovation indicate a dedication to offering cutting-edge learning experiences, attracting students and faculty seeking a dynamic and forward-thinking academic environment.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of technology development projects is enormous. Universities at the forefront of technological integration are better positioned to respond to evolving educational



trends, ensuring graduates are equipped with appropriate skills. Additionally, a technologically advanced campus stimulates research breakthroughs, generating a positive feedback loop that increases the university's global status.

#### 5. Added Value of this Indicator to the University:

The added benefit of a high number of technical development projects is multi-faceted. It enhances the efficiency of administrative operations, allows creative teaching methods, and provides students with access to state-of-the-art learning tools. This added value contributes to a positive reputation, recruiting top-tier staff, research opportunities, and prospective students seeking a tech-forward educational experience.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the indication of technological development initiatives is equal to dismissing the transformative impact of technology in education. In an era where digital literacy is vital to success, institutions must embrace innovation to remain competitive. Neglecting this signal may result in a stagnant educational environment, lost competitiveness, and an inability to address the evolving demands of students and the workforce.

Universities should actively pursue and prioritize technology development efforts to ensure they remain at the forefront of educational quality. This indicator not only represents an institution's dedication to innovation but also has far-reaching consequences for its future relevance, competitiveness, and ability to provide a cutting-edge educational experience. Therefore, colleges should see technology innovation as a strategic need for ongoing success.

### *15.2- Technology is adapted and implemented by the university to serve and enhance its operation.*

#### Embracing the Future: The Integration of Technology in University Operations

##### 1. Why This Indicator is Important:

The adaption and application of technology inside a university's operations are essential markers of its dedication to efficiency, innovation, and overall quality. This indication displays a university's responsiveness to the digital era's challenges and opportunities, stressing its capacity to harness technology for improved operations and services.

## 2. Why Universities Should Develop This Indicator:

Universities should actively establish and cultivate a technology-adaptive environment to stay relevant in the ever-evolving landscape of higher education. By prioritizing the integration of technology, universities may streamline administrative activities, boost communication, and provide a more technologically sophisticated learning environment, ultimately attracting top talent and satisfying the expectations of today's digitally savvy students.

## 3. Why We Included this Indicator in the Ranking:

The inclusion of the "Technology Adaptation and Implementation" indicator in university rankings highlights the transformative impact of technology on the entire institution ecosystem. Universities that efficiently incorporate technology are better positioned to deliver high-quality teaching, undertake cutting-edge research, and provide smooth administrative services, contributing to an enhanced overall university experience.

## 4. The Impact of this Indicator on the Future of the University:

The future impact of a university's commitment to technology adoption is considerable. As technology continues to evolve, institutions that proactively embrace digital tools and platforms will see higher operational efficiency, improved collaboration, and superior educational delivery. This forward-looking approach positions the university to succeed in a digital-centric future.

## 5. Added Value of this Indicator to the University:

The additional value of adopting and deploying technology across university operations is varied. It leads to reduced administrative processes, enhanced communication and collaboration, increased accessibility of educational resources, and a more responsive and agile university. This added value helps to a great reputation, recruiting excellent teachers, students, and partnerships.

## 6. Why Universities Should Never Neglect This Indicator:

Neglecting the adaptation and deployment of technology in university operations is equivalent to rejecting progress and efficiency. In an era where digital transformation is a crucial driver of success, institutions must actively invest in technology to remain competitive. Neglecting this

indicator risks falling behind in the continually shifting world of higher education and failing to meet the expectations of tech-savvy stakeholders.

Institutions must prioritize the seamless integration of technology into their operations. This indicator not only demonstrates a dedication to innovation but also equips the institution to succeed in an increasingly digital future. As technology continues to influence the landscape of higher education, disregarding this indication would be a disservice to the institution's long-term performance and its capacity to provide a cutting-edge educational experience.

### *15.3- The number of ICT centers at the university.*

#### Embracing the Digital Frontier: The Significance of ICT Centers in University Dynamics

##### 1. Why This Indicator is Important:

The number of Information and Communication Technology (ICT) centers at a university is an important measure that demonstrates the institution's commitment to technological growth. These centers serve as the backbone for digital infrastructure, supporting academic, administrative, and research services. A higher number of ICT centers often implies a technology ecosystem that fosters innovation, connection, and digital learning.

##### 2. Why Universities Should Develop This Indicator:

Developing the number of ICT centers is crucial for colleges trying to establish a technologically enriched atmosphere. These centers operate as hubs for technical resources, establishing a conducive culture for research, cooperation, and cutting-edge teaching. By investing in ICT centers, universities equip themselves to fulfill the increasing needs of students, professors, and staff, assuring a smooth integration of technology into many parts of university life.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of the "Number of ICT Centers" indicator in university rankings highlights the crucial role of technology in defining the present educational landscape. Universities with a higher count of ICT centers are better positioned to deliver a digitally immersive experience, boosting the overall quality of education, research capacities, and administrative efficiency. This inclusion indicates the acceptance of the revolutionary role of ICT infrastructure in modern academia.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of solid ICT infrastructure is revolutionary. As technology continues to evolve, universities with well-established ICT centers are set to lead in digital innovation, providing an adaptive and future-ready learning environment. These centers will play a crucial role in pushing technical developments, influencing research approaches, and educating students about the changing challenges of the digital age.

#### 5. Added Value of this Indicator to the University:

The presence of various ICT centers offers tremendous value to an institution. It encourages collaborative research, provides smooth online learning, and enhances administrative efficiency through digital solutions. Moreover, it draws tech-savvy staff and students who seek an environment equipped with cutting-edge technology. The added value resides in developing a technological ecosystem that encourages academic achievement, innovation, and a globally competitive advantage.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the creation of ICT centers is comparable to dismissing the revolutionary potential of technology in higher education. In an era where digital literacy is vital, universities must emphasize these centers to stay relevant and competitive. Neglecting this signal risks lagging in the technological evolution of academia, hurting the institution's ability to provide a modern, efficient, and internationally connected educational experience.

Colleges should aggressively invest in and emphasize the establishment of ICT centers. This indicator not only demonstrates a dedication to technology improvement but also places the institution as a leader in the digital frontier of higher education. The transformative influence of well-established ICT centers is not only about current functionality; it's an investment in the future resilience and prosperity of the institution in an increasingly digitalized world.

## *16.1- Does the HEI have a policy or a plan to be adaptive to change?*

### Navigating the Future: The Imperative of Adaptive Policies in Higher Education

#### 1. Why This Indicator is Important:

The presence of a policy or plan for adaptation to change in a Higher Education Institution (HEI) is a vital indicator of the institution's forward-thinking approach. It highlights the realization that change is an inherent aspect of the academic landscape, and the ability to adapt and thrive within altering circumstances is vital for ongoing success.

#### 2. Why Universities Should Develop This Indicator:

Universities are dynamic entities situated in a continuously changing world. Developing a policy for adaptability indicates an institutional commitment to proactively respond to changing challenges and opportunities. Such a policy supports a culture of resilience, innovation, and continual improvement, positioning the university to prosper in the face of uncertainties and transformations.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the "Adaptability Policy" indicator in university rankings acknowledges the present reality that higher education institutions must be adaptable and responsive. Institutions with a well-defined plan for flexibility display a talent for strategic foresight, putting them as leaders in the higher education landscape. This inclusion highlights the importance of not just current successes but also the institution's preparedness for the growing future.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of having an adaptation policy is enormous. It guarantees that the university stays strong in the face of unforeseen problems, emerging technology, and shifting global dynamics. A proactive approach to change equips the institution to capitalize on new possibilities, stay relevant, and consistently increase the quality of education and research it delivers.

#### 5. Added Value of this Indicator to the University:

The added value of having an adaptation policy is diverse. It encourages a culture of creativity

and forward-thinking, attracting staff and students who desire an institution that embraces change. Moreover, it increases strategic planning, resource allocation, and decision-making processes, ensuring the university remains not simply reactive but anticipatory in its answers to the shifting requirements of academia and society.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the creation of an adaptation strategy poses considerable dangers to the long-term viability of a university. In an era of rapid technological breakthroughs, geopolitical shifts, and unforeseen global catastrophes, institutions that fail to adapt may find themselves failing to meet the expectations of their stakeholders. This metric should never be disregarded since it is a proactive investment in the institution's sustainability, competitiveness, and enduring relevance.

Having a policy or plan for adaptation is not only a response to change but a strategic requirement for universities. It is a proactive step towards constructing a notable, innovative, and future-ready institution. This signal shows a dedication to not just weathering storms but also navigating unexplored territory with agility, ensuring that the university remains a dynamic and influential force in the ever-evolving environment of higher education.

### *16.2- Does the HEI have a policy or a plan to be adaptive to crisis management?*

#### Navigating Uncertainty: The Imperative of Crisis Management Policies in Higher Education

##### 1. Why This Indicator is Important:

The presence of a crisis management policy or plan in a Higher Education Institution (HEI) is of fundamental relevance due to the unpredictable nature of crises. Whether natural disasters, public health emergencies, or other unforeseen events, the ability to effectively manage and respond to crises is crucial for guaranteeing the safety and continuity of operations inside the institution.

##### 2. Why Universities Should Develop This Indicator:

Developing a crisis management policy is a vital part of institutional governance. It displays a dedication to the well-being of the university community and the preservation of academic and operational functions in the face of disruptions. Universities, as pillars of society, have a

responsibility to be prepared for crises and to provide a systematic and organized response to preserve the interests of students, teachers, and staff.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the "Crisis Management Policy" indicator in university rankings underlines the significance of readiness in an unpredictable world. Institutions equipped with well-defined crisis management procedures exhibit a commitment to resilience and the ability to navigate tumultuous times. This addition emphasizes that the capacity to manage crises is a crucial part of institutional effectiveness and contributes to the overall reputation of the university.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a crisis management policy is considerable. It ensures that the institution can respond immediately and effectively to any crisis, minimizing disruptions to academic activities and ensuring the well-being of the university community. A well-prepared institution is better positioned to recover rapidly from crises and sustain its image, building trust among stakeholders.

### 5. Added Value of this Indicator to the University:

The added advantage of having a crisis management policy extends beyond the immediate response to events. It instills confidence among present and potential students, teachers, staff, and external partners, demonstrating that the institution takes its duty of care seriously. Additionally, it strengthens the university's reputation and durability, leading to a positive institutional image in the long term.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the creation of a crisis management policy exposes the university to substantial risks. Crises, by their nature, are unpredictable, and unprepared institutions may incur severe consequences. Beyond the potential harm to individuals and property, the reputation and standing of the university can be irreversibly destroyed. This metric should never be disregarded, as crisis readiness is a cornerstone of responsible and effective institutional governance.

A crisis management policy is not just a document; it is a commitment to the safety, well-being, and continuity of a university in the face of unforeseen problems. It is an investment in the resilience and reputation of the institution, ensuring that it can navigate crises with courage, compassion, and a clear sense of purpose.

### *16.3- Implementation risks initiatives of the HEIs are available.*

Navigating the Future: The Significance of Implementation Risk Initiatives in Higher Education

#### 1. Why This Indicator is Important:

The implementation of risk initiatives in Higher Education Institutions (HEIs) holds essential importance in the complicated terrain of academia. As universities change in response to changing sociological, technological, and economic circumstances, they meet numerous problems. The ability to detect, assess, and reduce implementation risks ensures that strategic initiatives and projects are completed successfully, contributing to the overall growth of the institution.

#### 2. Why Universities Should Develop This Indicator:

Developing a solid system of implementation risk measures is vital for colleges aiming to proactively manage possible issues related to change and growth. By creating a culture of risk awareness and preparedness, organizations can enhance their decision-making processes, stimulate creativity, and raise the likelihood of successful implementation of strategic projects.

#### 3. Why We Included this Indicator in the Ranking:

The addition of "Implementation Risk Initiatives" in university rankings emphasizes the dynamic nature of higher education and the necessity for institutions to embrace change while limiting associated risks. Universities equipped with strong risk management techniques demonstrate a dedication to excellence in governance, ensuring that their strategic undertakings are not only visionary but also resilient in the face of potential impediments.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of notable implementation risk strategies is revolutionary. By rigorously addressing possible problems in the execution of strategic plans, universities may build their foundations for sustained growth and innovation. The capacity to navigate implementation



risks positions institutions to be adaptable and adaptive, contributing to long-term success, reputation enhancement, and sustained academic achievement.

#### 5. Added Value of this Indicator to the University:

The additional advantage of implementing comprehensive risk efforts is numerous. It goes beyond project-specific success to incorporate a culture of resilience and adaptability inside the institution. Universities benefit from better stakeholder confidence, higher reputation, and the capacity to recruit strategic alliances and investments. This measure, therefore, provides inherent value to the university's strategic efforts and long-term vision.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the creation of implementation risk initiatives exposes colleges to a multitude of issues. Strategic efforts might confront unforeseen challenges, resulting in delays, budget overruns, and, in some cases, collapse. In a day where change is constant, universities that disregard the necessity of controlling implementation risks undermine their capacity to fulfill their mission, meet stakeholder expectations, and adapt to new educational landscapes.

The presence of effective implementation risk programs is a tribute to a university's dedication to not only embracing change but also guaranteeing the proper execution of strategic goals. By emphasizing risk-awareness and mitigation methods, institutions create the groundwork for a resilient and adaptive future, contributing to their sustained success and favorable standing in the higher education landscape.

### *16.4- Does the HEI have a policy or a plan to manage natural disasters (earthquakes - floods - volcanos – tornados)?*

#### Building Resilience: The Imperative of Natural Disaster Management in Higher Education

#### 1. Why This Indicator is Important:

The need to establish a comprehensive policy or plan to manage natural catastrophes in Higher Education Institutions (HEIs) cannot be emphasized. Natural disasters, ranging from earthquakes and floods to volcanoes and tornadoes, pose substantial hazards to the safety of students, instructors, and staff, as well as the infrastructure and continuity of educational activities. The ability to successfully respond to and manage catastrophic crises is vital for the

well-being of the university community.

## 2. Why Universities Should Develop This Indicator:

Universities are not immune to the effects of natural catastrophes, and adopting a strategy or plan is a proactive measure to save lives and property. By investing in readiness, mitigation, and response techniques, colleges demonstrate a commitment to the safety and security of their community members. This indicator is a representation of an institution's attention to the welfare of its stakeholders.

## 3. Why We Included this Indicator in the Ranking:

The addition of "Natural Disaster Management" in university rankings underscores the necessity for institutions to prioritize the safety and resilience of their communities. A well-defined and implemented natural disaster management plan is indicative of an institution's commitment to comprehensive risk management, contributing to a positive institutional reputation and promoting a secure and conducive learning environment.

## 4. The Impact of this Indicator on the Future of the University:

The future significance of a sound natural catastrophe management policy is enormous. As climate-related incidents become more common and unexpected, institutions armed with comprehensive strategies are better positioned to respond rapidly and limit the impact on operations. This resilience not only defends the present but also ensures the sustainability and continuous performance of the institution in the face of future uncertainties.

## 5. Added Value of this Indicator to the University:

The additional value of a natural disaster management indicator extends beyond crisis response. It instills confidence in stakeholders, including potential students, teachers, and partners, who seek assurance that the institution values safety. Moreover, having a well-prepared reaction to natural disasters contributes to the university's general resilience, generating a sense of security and trust within the community.

## 6. Why Universities Should Never Neglect This Indicator:

Neglecting the establishment of a natural disaster management plan exposes colleges to enormous dangers. The potential repercussions of unpreparedness include loss of life, damage

to infrastructure, disruption of academic activity, and reputational injury. Universities that overlook this signal not only compromise the well-being of their community but also risk long-term ramifications that can influence enrollment, relationships, and institutional standing.

The establishment and implementation of a strategy or plan for natural disaster management are crucial for the safety, resilience, and sustained success of Higher Education Institutions. As climate-related concerns rise, universities must prioritize this indicator to enhance their capacity to respond effectively, assuring the well-being of their community and securing a sustainable future.

### *16.5- The university is active in political and civic engagement.*

#### Fostering Citizenship: The Significance of Political and Civic Engagement in Universities

##### 1. Why This Indicator is Important:

The indicator assessing a university's participation in political and civic engagement is significant as it demonstrates the institution's commitment to nurturing informed and responsible citizens. Universities, as centers of learning and knowledge dissemination, play a key role in creating the civic consciousness of their students. Engaging in political and civic activities not only enhances the educational experience but also adds to the development of socially responsible persons.

##### 2. Why Universities Should Develop This Indicator:

Universities are not just centers of academic learning but also serve as platforms for the overall development of persons. Actively engaged in political and civic engagement equips students with a realistic awareness of their obligations as responsible citizens. Developing this indicator reflects a university's focus on generating graduates who are not just academically proficient but also socially conscious and actively involved in their communities.

##### 3. Why We Included this Indicator in the Ranking:

The addition of "Political and Civic Engagement" in university rankings reflects the larger societal impact of higher education. Universities that actively encourage students to participate in political discourse, community service, and civic activities contribute to the growth of a more informed and engaged citizenry. This indicator highlights the role of colleges

in producing not only careers but also responsible and engaged members of society.

#### 4. The Impact of this Indicator on the Future of the University:

The future influence of a university's involvement in political and civic engagement is multi-faceted. Graduates who are well-versed in civic obligations are likely to contribute constructively to society. Moreover, when these graduates pursue leadership roles in diverse sectors, the university's reputation as a contributor to civic discourse and societal progress is improved, drawing future generations of socially concerned students.

#### 5. Added Value of this Indicator to the University:

The additional value of this indicator rests in the positive externalities it generates. A university actively engaged in political and civic activities boosts its reputation as a socially responsible institution. This reputation can attract students, faculty, and collaborations that accord with the goals of active citizenship and community engagement. Additionally, graduates from such universities are more likely to be sought after by companies that respect civic-minded individuals.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting political and civic involvement is a squandered opportunity for universities to contribute effectively to society. By disregarding this factor, institutions risk creating graduates who may lack a deeper awareness of their duties in civic life. Furthermore, universities overlooking this component may find it tough to appeal to students, staff, and stakeholders that favor institutions actively contributing to developing responsible and engaged citizens.

Political and civic involvement is not only an extracurricular feature of university life; it is an essential component of higher education's responsibility in developing the leaders and citizens of tomorrow. Developing this indicator is an investment in the future, fostering a generation of persons who are not only academically adept but also socially aware and actively contributing to the advancement of society.

### *16.6- The university is active in engagement with diverse views on social and economic issues.*

Promoting Diversity of Thought: The Importance of Engaging with Diverse Views on Social and

1. Why This Indicator is Important:

The indicator assessing a university's engagement in engaging with varied opinions on social and economic issues is of crucial importance in building an inclusive and intellectually stimulating academic environment. Universities, as crucibles of knowledge, should be settings where varied ideas are not merely welcomed but actively fostered. This indication demonstrates a dedication to intellectual openness, critical thinking, and the fostering of a culture where a plurality of viewpoints can be heard and valued.

2. Why Universities Should Develop This Indicator:

Developing an indicator related to involvement with varied ideas is vital for colleges seeking to generate well-rounded, flexible individuals. Exposure to other perspectives improves critical thinking abilities, cultural intelligence, and a deeper grasp of complicated social and economic issues. By actively supporting and participating in such interaction, universities contribute to the overall development of their students.

3. Why We Included this Indicator in the Ranking:

The inclusion of the "Engagement with Diverse Views on Social and Economic Issues" indicator in university rankings highlights the importance of higher education institutions as drivers of intellectual diversity. Universities that actively seek out and interact with varied ideas contribute not only to the academic advancement of their students but also to the greater social conversation. This indicator underlines the role of institutions in creating situations where a variety of ideas can live and grow.

4. The Impact of this Indicator on the Future of the University:

The future influence of a university's dedication to engaging with diverse ideas is tremendous. Graduates who have been exposed to a range of opinions are better suited to negotiate a world marked by diversity. This experience boosts their ability to collaborate, develop, and address complicated challenges. Moreover, an institution known for cultivating varied thought leadership is likely to attract students and staff who appreciate intellectual variety.

5. Added Value of this Indicator to the University:

The added value of this indicator resides in its contribution to the intellectual and cultural richness of the university. Actively interacting with varied ideas promotes the institution's reputation as a hub for critical thought and inclusive dialogue. This additional value extends to attracting a diverse student body, faculty, and partnerships, enriching the overall academic experience, and establishing an environment of mutual respect and understanding.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting engagement with other ideas limits the university's potential to provide a broad and transformative educational experience. In a globalized world, where interconnection is the norm, universities that disregard this signal risk creating graduates with restricted viewpoints, ill-equipped to negotiate the intricacies of varied and dynamic cultures. Moreover, disregarding a variety of thoughts may lead to a lessened attraction to prospective students and professors who emphasize inclusive academic settings.

Interaction with varied views on social and economic issues is not simply an academic ideal but a real imperative for universities in educating students about the difficulties of an interconnected world. Developing and emphasizing this indicator is an investment in developing graduates who are not just academically proficient but also culturally intelligent, empathic, and capable of contributing meaningfully to a global society.

### *16.7- The university is active in informal learning experiences.*

#### Cultivating Informal Learning: The Significance of Universities' Activity in Informal Learning Experiences

##### 1. Why This Indicator is Important:

The indicator assessing a university's activity in informal learning events bears tremendous importance in developing a comprehensive educational landscape. Informal learning goes beyond traditional classrooms, offering students chances for self-directed discovery, real-world application of knowledge, and the development of critical life skills. It strengthens the whole educational experience by complementing formal instruction with hands-on, experiential learning.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively promote this indication as it matches with contemporary educational needs. The world is moving swiftly, and the capacity to adapt and use information in practical circumstances is as vital as academic proficiency. Informal learning experiences contribute to cultivating creativity, critical thinking, and problem-solving skills, preparing students for the dynamic challenges of the modern workforce.

### 3. Why We Included this Indicator in the Ranking:

Including the "Activity in Informal Learning Experiences" criterion in institution rankings acknowledges the dynamic nature of education. Universities that actively engage in providing different informal learning opportunities display a commitment to preparing students for success beyond the boundaries of traditional classrooms. This indicator demonstrates an institution's responsiveness to the changing requirements of students and the demands of a continually evolving global landscape.

### 4. The Impact of this Indicator on the Future of the University:

The future influence of a university's emphasis on informal learning activities is varied. Graduates exposed to such experiences are likely to join the workforce with a practical understanding of their fields, better adaptability, and a more thorough feeling of self-efficacy. As technology continues to change sectors, graduates educated in informal learning are better positioned to accept innovation and contribute effectively to their professions.

### 5. Added Value of this Indicator to the University:

The increased value of prioritizing activity in informal learning events is reflected in the well-roundedness of graduates. Universities that actively promote informal learning environments attract students seeking a holistic education that extends beyond textbooks. This additional value also extends to the university's reputation, as it becomes known for generating graduates equipped not only with theoretical knowledge but also with practical skills and a propensity for lifelong learning.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting activity in informal learning situations deprives students of opportunities to bridge theory with practice and inhibits the development of important abilities expected by the modern workplace. As the nature of work undergoes significant shifts, universities that

overlook this signal risk generating graduates ill-prepared for the challenges of dynamic, interdisciplinary, and technology-driven professional environments. Additionally, disregarding informal learning may reduce a university's appeal to potential students seeking a full educational experience.

Promoting activity in informal learning situations is not simply an educational fad but a strategic requirement for universities. It enriches the educational process, ensuring that graduates are not only academically proficient but also equipped with the practical skills and agility needed for success in an ever-changing environment. By actively developing and promoting this metric, colleges invest in the future success and resilience of their students.

### *17.1- Strategies, resolutions, and guidelines of operation are available publicly at the university.*

Enhancing Transparency: The Crucial Role of Publicly Available Strategies and Guidelines at Universities

#### 1. Why This Indicator is Important:

The availability of strategies, resolutions, and rules openly at a university is a vital sign of transparency and accountability. It guarantees that the inner workings, decision-making processes, and operational frameworks of the institution are accessible to all stakeholders, including students, teachers, staff, and the wider community. Transparency creates confidence, stimulates collaboration, and enables informed engagement with the university's mission and objectives.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively create the practice of making their strategies and guidelines publicly available to demonstrate a commitment to transparency and accountability. Transparent institutions promote confidence among stakeholders, attract a varied and active population, and create a climate favorable to effective collaboration. Making operational rules accessible encourages a sense of inclusion and shared accountability, harmonizing with the values of democratic governance within educational institutions.



### 3. Why We Included this Indicator in the Ranking:

Including the indication of publicly available strategies, resolutions, and guidelines in university rankings is vital for recognizing universities that promote transparency. Universities that publicly publish their operational frameworks contribute to a culture of responsibility and inclusivity. This indicator demonstrates the institution's dedication to establishing a collaborative and informed community, which is vital for preserving a positive academic climate.

### 4. The Impact of this Indicator on the Future of the University:

The future influence of this indicator resides in its capacity to shape the culture and ethos of the university. Institutions that actively disclose their goals and principles establish a basis for a more engaged and informed community. This transparency prepares the university for future challenges by developing a culture of adaptation, accountability, and collective problem-solving.

### 5. Added Value of this Indicator to the University:

The enhanced value of publicly published strategies and guidelines is visible in the favorable perception and trust it develops among stakeholders. Universities that stress openness attract teachers, students, and partners who appreciate open communication and participatory decision-making. This, in turn, boosts the institution's reputation, making it an enticing choice for people seeking a university committed to inclusive administration and a shared vision.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the practice of making plans and guidelines publicly available risks losing the trust and confidence of the academic community. In an era where openness is increasingly prized, colleges that overlook this indication may encounter difficulty in attracting and retaining a diverse and engaged student body and faculty. Additionally, a lack of openness can inhibit effective collaboration and limit the institution's ability to adapt to changing educational settings.

The indicator of publicly available strategies, resolutions, and guidelines is not only a procedural necessity but a cornerstone of a university's commitment to openness, accountability, and collaboration. Universities should actively embrace and emphasize this

indicator to build a culture of transparency that will contribute to their continued success and beneficial impact on the academic community.

### *17.2- University data are protected and saved physically and virtually.*

#### Safeguarding Academic Integrity: The Critical Imperative of Protecting University Data

##### 1. Why This Indicator is Important:

The security and secure storage of university data, both physically and online, stand as a significant signal of the institution's dedication to academic integrity, privacy, and operational reliability. University data covers a large diversity of sensitive information, including student records, research findings, and administrative details. Ensuring the protection of this data is crucial to safeguarding the reputation and confidence of the institution.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively establish effective procedures for the protection and secure storage of their data as a core responsibility to their academic community. This indication demonstrates an institution's dedication to safeguarding the confidentiality, integrity, and availability of information. Proactive development of data protection measures not only preserves sensitive information but also develops an atmosphere where teachers, students, and staff can securely engage in research, learning, and administrative operations.

##### 3. Why We Included this Indicator in the Ranking:

Including the indicator of preserving university data in rankings is vital for rewarding universities that prioritize the security of information. Universities are entrusted with huge volumes of sensitive data, and their effort to secure this data is symptomatic of their determination to maintain a trustworthy academic environment. This factor contributes to the overall assessment of the institution's governance and operational reliability.

##### 4. The Impact of this Indicator on the Future of the University:

The future significance of this indicator is far-reaching, influencing the institution's resilience in the face of shifting technology environments and prospective cybersecurity attacks. Universities that prioritize the creation of comprehensive data protection mechanisms position themselves to respond to future problems, assuring the continuity of academic

operations and maintaining the integrity of research and instructional activities.

#### 5. Added Value of this Indicator to the University:

The increased value of securing university data is visible in the enhanced trust and confidence it instills among stakeholders. Institutions that engage in cutting-edge cybersecurity measures not only defend their academic assets but also create an environment where teachers and students feel secure in their scholarly endeavors. This added layer of protection contributes to the overall favorable reputation of the university, attracting talent and promoting a culture of innovation.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the safety of university data exposes the institution to substantial risks, including data breaches, loss of intellectual property, and compromised academic integrity. Beyond the possible legal and financial ramifications, a failure to address data security can destroy the trust of the academic community and impede the institution's ability to attract top-tier faculty and students. In an era where knowledge is a valuable asset, disregarding this indicator poses a threat to the very basis of the university's mission.

The security and secure storage of academic data are not simply technological considerations but ethical imperatives. Universities should actively develop and expand this metric to fortify their commitment to academic excellence, privacy, and operational reliability. Prioritizing data security is an investment in the future of the institution, ensuring its resilience and continued good influence on the academic community.

### *17.3- University data are secured and are easily retrieved in case of emergency.*

#### Ensuring Data Resilience: The Imperative of Secure and Accessible University Data

##### 1. Why This Indicator is Important:

The security and ease of recovery of university data in emergencies represent a vital indicator for the seamless running of academic institutions. In today's digital age, institutions gather large volumes of data vital for academic, administrative, and research purposes. The relevance rests not only in preserving this information against potential attacks but also in ensuring that, in times of crises, it can be rapidly and reliably retrieved, contributing to the institution's

resilience.

## 2. Why Universities Should Develop This Indicator:

Universities should actively design and execute ways to secure and facilitate the retrieval of data in emergencies to fulfill their commitment to academic continuity and operational resilience. This indication demonstrates a forward-looking attitude, highlighting the institution's ability to face unforeseen problems, from natural disasters to cybersecurity risks. Development in this field is crucial for ensuring that valuable academic assets remain available when required most.

## 3. Why We Included this Indicator in the Ranking:

Including the indication of safeguarding and conveniently retrieving university data in rankings is vital to identifying institutions that prioritize not just data security but also the accessibility of information in emergencies. This component contributes greatly to the institution's overall preparedness and resilience, which are fundamental aspects of its governance and operational efficiency.

## 4. The Impact of this Indicator on the Future of the University:

The future influence of this indicator extends to the institution's adaptability in the face of unforeseen occurrences. By emphasizing safe and easily retrievable data, institutions position themselves to manage emergencies more successfully, ensuring minimal disruption to academic and administrative procedures. This signal is a proactive investment in the institution's future preparation, strengthening its ability to overcome obstacles and sustain continuity.

## 5. Added Value of this Indicator to the University:

The added benefit of safeguarding and easily recovering university data rests in the assurance it provides to stakeholders—faculty, students, staff, and external partners. Institutions that succeed in this area indicate their commitment to the continual flow of academic activity. The capacity to promptly recover and retrieve data in emergencies not only secures precious information but also instills confidence among the academic community, supporting the positive reputation of the university.

## 6. Why Universities Should Never Neglect This Indicator:

Neglecting the secure and accessible retrieval of university data in emergencies exposes the institution to significant disruptions, data loss, and reputational damage. In times of crisis, the capacity to immediately acquire crucial information becomes fundamental. Neglecting this signal not only jeopardizes the institution's operational continuity but also erodes the trust of stakeholders. A failure to emphasize data resilience can have long-lasting effects, hurting the institution's ability to recover and adapt successfully.

Safeguarding and assuring the quick retrieval of university data in emergencies is not simply a technical consideration but a strategic requirement. Universities should actively build and expand this indication to fortify their resilience, preparation, and dedication to ensuring the uninterrupted flow of academic and administrative operations. Prioritizing data resilience is an investment in the institution's future adaptability and the ongoing trust of the academic community.

### *18.1- Acceptance Rates at the University.*

#### Decoding Acceptance Rates: Unraveling the Significance in University Evaluation

##### 1. Why This Indicator is Important:

Acceptance rates at universities serve as a vital statistic in measuring the competitiveness and popularity of an academic institution. It serves as a critical statistic indicating the selectivity of the admissions process, delivering insights into the institution's standards, appeal, and general academic atmosphere. The value of this indicator rests in its ability to reflect the institution's perspective on quality, ensuring that admitted students align with the academic culture and aims.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively develop and modify acceptance rate criteria to strategically position themselves in the academic landscape. A low acceptance percentage frequently suggests a high degree of competition, attracting high-level applicants and contributing to the institution's academic standing. Actively monitoring and exhibiting this indication can help colleges define their image, attract top people, and foster a sense of academic achievement.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of acceptance rates in university rankings serves as a vital benchmark for judging academic competitiveness and desirability. Universities that maintain lower admission rates are often considered more selective and, in turn, more distinguished. This factor contributes significantly to the overall rating, as it is indicative of the institution's capacity to attract and admit high-achieving students, hence increasing its academic reputation.

### 4. The Impact of this Indicator on the Future of the University:

The future influence of acceptance rates on a university is enormous, influencing the institution's reputation, competitiveness, and future enrollment trends. A systematic approach to regulating acceptance rates can impact the profile of future student cohorts, establishing an environment of academic success. Moreover, a strong reputation for selectivity might attract more high-level candidates, establishing a cycle of continual development and heightened academic requirements.

### 5. Added Value of this Indicator to the University:

The extra value of admission rates to a university is multifold. A low acceptance rate contributes to an institution's status, making it a desirable choice for potential students. This indication becomes a matter of pride for the university community, promoting a spirit of quality and competitiveness. Furthermore, a selective admissions procedure generally results in a varied and motivated student body, increasing the entire academic experience for all stakeholders.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting admission rates can have ramifications for a university's perceived competitiveness and appeal. In an increasingly competitive higher education scene, managing and strategically exhibiting this indicator is vital for sustaining and boosting the institution's standing. Failure to address this statistic may lead to a deterioration in overall competitiveness, reducing the quality and diversity of incoming student cohorts.

Acceptance rates play a vital role in establishing the narrative and competitiveness of a university. Actively controlling and strategically using this signal is vital for universities hoping to attract top-tier personnel, strengthen their academic reputation, and build an environment

of continuous progress. The significance of acceptance rates extends beyond mere statistics; it is a reflection of the institution's dedication to academic achievement and the nurturing of a lively, competitive academic community.

### *18.2- The ratio of Ph.D. students to the total number of students.*

#### Exploring the Significance of Ph.D. Student Ratio in University Evaluation

##### 1. Why This Indicator is Important:

The ratio of Ph.D. students to the total number of students serves as a crucial indicator in measuring the research-intensive nature and academic vigor of a university. This statistic is essential as it displays the institution's dedication to advanced research and scholarly endeavors. It is a testament to the university's role in nurturing the next generation of academics and contributing to the global knowledge base through effective research.

##### 2. Why Universities Should Develop This Indicator:

Universities should aggressively develop and promote the Ph.D. student ratio as it coincides with their objective to advance knowledge and contribute to cutting-edge research. This indication not only indicates the institution's commitment to academic quality but also serves as a magnet for ambitious academics. Actively fostering a good Ph.D. program increases the university's reputation, attracts top-tier professors, and positions it as a focus for innovative and transformational research.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of the Ph.D. student ratio in institution rankings is crucial for a complete assessment of intellectual prowess. Universities with a greater percentage frequently suggest a developed research climate, adding significantly to the institution's overall ranking. This metric, when included in rankings, highlights the importance of universities in developing new information, fostering a culture of research, and preparing the next generation of thought leaders.

##### 4. The Impact of this Indicator on the Future of the University:

The future impact of the Ph.D. student ratio on an institution is considerable, affecting the trajectory of research production, academic influence, and global reputation. A high emphasis

on Ph.D. programs draws brilliant researchers, fostering a dynamic research community. This, in turn, places the institution as a significant factor in determining the future of its relevant academic discipline, leading to increased collaboration, innovation, and long-term sustainability.

#### 5. Added Value of this Indicator to the University:

The Ph.D. student ratio offers tremendous value to an institution by boosting its academic image and contributing to the formation of knowledge ecosystems. A greater ratio draws top-tier academics and researchers, fostering a lively intellectual community. The output of high-quality research and the academic achievements of Ph.D. graduates strengthen the institution's global reputation, making it an enticing location for prospective students, faculty, and research partners.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the Ph.D. student ratio diminishes the university's potential to be a leader in academic research and innovation. A low percentage may reflect a lack of concentration on advanced research, thus hurting the institution's capacity to attract top-tier people and acquire research funding. Universities should never disregard this signal as it directly connects with their ability to contribute effectively to the advancement of knowledge and preserve a competitive edge in the global academic environment.

The Ph.D. student ratio acts as a barometer of a university's dedication to advanced research, academic achievement, and long-term influence. Actively developing and promoting this indicator is vital for universities seeking to be leaders in their fields, attract top talent, and contribute significantly to the global academic community. The Ph.D. student ratio transcends numerical representation; it is a reflection of a university's dedication to creating the future of knowledge and promoting a culture of intellectual curiosity and discovery.

### *18.3- The ratio of master students to the total number of students.*

#### Exploring the Significance of Master's Student Ratio in University Evaluation

##### 1. Why This Indicator is Important:

The ratio of master's students to the total number of students is a critical indicator in



evaluating the academic composition and strategic focus of a university. This statistic bears relevance as it provides insights into the institution's dedication to higher education, professional growth, and the creation of specialized expertise. Master's degrees serve as vital paths for students to extend their expertise, improve abilities, and contribute to diverse industries, making this ratio a key indication of a university's educational diversity and effect.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop and prioritize the master's student ratio to underscore their commitment to delivering broad and specialized educational options. This indicator serves as a witness to the institution's role in developing a dynamic learning environment, responding to the demands of students seeking advanced knowledge and professional advancement. Actively promoting master's programs boosts the university's attractiveness to a broader variety of prospective students, expanding the academic community and contributing to a full educational ecosystem.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the master's student ratio in university rankings is crucial for a thorough assessment of the institution's educational landscape. This indicator provides for a comprehensive examination of the balance between undergraduate and advanced degree programs, emphasizing the university's dedication to providing multiple educational options. In rankings, this ratio helps to a more comprehensive picture of the institution's academic mission and its impact on molding well-rounded, capable people.

#### 4. The Impact of this Indicator on the Future of the University:

The future influence of the master's student ratio on a university is considerable, influencing the institution's ability to meet increasing educational demands and contribute to workforce development. A purposeful emphasis on master's degrees places the university as a hub for specialized knowledge, ensuring its alumni are well-equipped to negotiate complicated professional environments. This, in turn, increases the institution's reputation, encourages business partnerships, and contributes to the continual improvement of academic programs to suit evolving demands.

#### 5. Added Value of this Indicator to the University:

The master's student ratio offers great value to an institution by expanding its academic offerings, recruiting broader student demography, and contributing to a complex learning community. Master's programs offer a platform for in-depth exploration and specialization, providing a pool of graduates with advanced skills and competence. This added value extends to the university's general academic reputation, its capacity to attract high-level faculty and its impact on encouraging innovation and excellence in numerous sectors.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the master's student ratio neglects a fundamental feature of a university's commitment to advanced education and professional growth. This omission could limit the institution's appeal to students seeking specialized expertise and impede its capacity to contribute substantially to workforce development. Universities should never disregard this signal as it closely links with their objective to provide various educational options, remain adaptive to changing societal requirements, and position themselves as leaders in generating expertise and advanced capabilities.

The master's student ratio is an important indicator in evaluating a university's dedication to advanced education, professional development, and the creation of specialized knowledge. Actively developing and marketing this indicator is crucial for colleges seeking to offer various educational pathways, attract a broad student population, and contribute effectively to workforce development and industrial advancement. The master's student ratio symbolizes the university's dedication to excellence in education and its role in building the future of talented professionals across numerous fields.

### *18.4- Drop-out rates for first-year students.*

#### Understanding the Significance of First-Year Student Drop-Out Rates in University Assessment

##### 1. Why This Indicator is Important:

The drop-out rates for first-year students serve as a significant statistic in measuring the success of a university's academic and support services. This indicator is essential because it sheds light on the first experiences of students, their capacity to assimilate into university life and the overall usefulness of the institution in providing a favorable environment for academic

success. High drop-out rates may suggest difficulty in the transition from secondary to higher education, issues with support mechanisms, or mismatches between student expectations and the university's offerings.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop and evaluate first-year student drop-out rates to increase the overall quality of the academic experience. This indicator provides significant insights into areas that may require intervention, such as the effectiveness of orientation programs, the adequacy of academic support services, and the overall campus atmosphere. By recognizing and addressing the variables leading to drop-out rates, colleges can optimize their tactics, introduce targeted support systems, and create an environment conducive to student retention and success.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of first-year student drop-out rates in university rankings is crucial for a thorough evaluation of institutional performance. This metric contributes to a detailed knowledge of a university's commitment to student success and its capacity to provide a supportive learning environment. In rankings, a reduced drop-out percentage reflects positively on the institution, showing its ability to provide a positive student experience and enhance the likelihood of students progressing through their academic path successfully.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of first-year student drop-out rates on a university is enormous. A proactive strategy for addressing and reducing drop-out rates strengthens the institution's image, attracts more potential students, and generates a positive cycle of academic achievement. A university that effectively supports its first-year students is likely to witness improved retention rates, enhanced happiness among students and their families, and an overall favorable impact on its standing within the higher education environment.

#### 5. Added Value of this Indicator to the University:

The added value of monitoring first-year student drop-out rates comes in the possibility for continual development and optimization of the student experience. By establishing strategies to address the core reasons for drop-outs, universities can increase their support systems,

execute targeted interventions, and promote an inclusive and supportive academic community. A lower drop-out percentage adds value to the university's reputation, improves its attraction to prospective students, and contributes to a virtuous cycle of academic achievement and student satisfaction.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the monitoring and analysis of first-year student drop-out rates is a missed opportunity for colleges to increase the overall quality of their educational offerings. This indicator strongly links with the institution's commitment to establishing an atmosphere that fosters student achievement from the outset. Universities should never disregard this signal as it is a clear reflection of their dedication to establishing a pleasant and supportive learning community, providing students have the skills and resources needed to excel academically.

First-year student drop-out rates are an important indicator in analyzing a university's effectiveness in providing an accommodating learning environment. Actively establishing and monitoring this indicator allows universities to refine their plans, enhance support structures, and contribute to a positive cycle of academic achievement. The relevance of this indicator extends beyond rankings, impacting the institution's reputation, attraction to prospective students, and its role in establishing a healthy and inclusive academic environment.

### *18.5- General dropout rates at the university.*

#### Understanding the Significance of General Drop-Out Rates in University Assessment

##### 1. Why This Indicator is Important:

The general drop-out rates at a university are a significant indicator for evaluating the overall effectiveness of its educational programs and support systems. This indicator goes beyond the first year, providing a full view of student retention and success throughout their academic experience. High drop-out rates may signal issues in program satisfaction, academic rigor, or the need for greater student support. Understanding and addressing these concerns are crucial for building an atmosphere conducive to student achievement.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively create and monitor general drop-out rates to acquire insights into

the causes influencing students' decisions to abandon their studies. This indicator helps colleges discover areas for improvement, such as program design, teaching approaches, and the availability of academic and emotional support services. By generating this measure, colleges can conduct focused interventions to enhance the overall student experience, boost satisfaction, and raise the possibility of program completion.

### 3. Why We Included this Indicator in the Ranking:

Including general drop-out rates in university rankings is vital for a balanced assessment of institutional performance. This indicator provides a holistic assessment of how well a university helps students throughout their academic path, impacting its overall reputation. A lower general drop-out percentage reflects positively on the institution's dedication to student success, contributing to a positive ranking and communicating to potential students the university's ability to offer a supportive learning environment.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of general drop-out rates on a university is considerable. Proactive actions to address and improve overall drop-out rates contribute to the institution's long-term performance. A lower drop-out rate increases the university's reputation, attracts more potential students, and generates a positive cycle of academic accomplishment. By demonstrating a commitment to student success throughout the whole academic journey, the university positions itself for continued development and competition.

### 5. Added Value of this Indicator to the University:

The added advantage of tracking general drop-out rates comes in the university's ability to continuously adjust its programs and support mechanisms. By addressing the core reasons for drop-outs, institutions boost their overall quality, attract more motivated and pleased students, and strengthen their reputation within the higher education environment. A decreased general drop-out percentage adds great value to the university's reputation and contributes to a virtuous cycle of academic performance, student satisfaction, and institutional expansion.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the monitoring and analysis of general drop-out rates is a missed opportunity for

colleges to optimize their educational programs. This indicator directly shows the university's commitment to providing a supportive and enriching learning environment for all students. Neglecting this indication may result in neglecting systemic concerns that, when addressed, can lead to greater student happiness, retention, and overall success. Universities should never disregard this signal since it is important to their responsibilities in establishing a positive and effective educational experience.

General drop-out rates at a university are a critical indicator that goes beyond the first year, providing insights into the overall success and contentment of students throughout their academic journey. Actively establishing and monitoring this indicator allows universities to adapt their programs, increase support structures, and contribute to a virtuous cycle of academic achievement. The relevance of this indicator extends beyond rankings, impacting the institution's reputation, attraction to prospective students, and its role in establishing a healthy and inclusive academic environment.

### *19.1- The university is active on social media platforms.*

#### Harnessing the Power of Social Media: A Crucial Indicator for University Success

##### 1. Why This Indicator is Important:

The university's engagement on social media platforms has become an integral aspect of its communication strategy. In the digital age, social media acts as a dynamic conduit for engagement, enabling institutions to connect with existing and prospective students, alumni, and the wider community. This factor is essential as it demonstrates the institution's flexibility with contemporary communication trends and its dedication to establishing an inclusive online community.

##### 2. Why Universities Should Develop This Indicator:

Developing a significant presence on social media is crucial for colleges trying to keep engaged with their stakeholders. By actively participating in online conversation, colleges may magnify their voice, share achievements, and engage in meaningful relationships. This indication is a tribute to a university's readiness to embrace modern communication channels, developing a feeling of community and creating an opportunity for transparent and direct engagement with its audience.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the social media engagement criterion in university rankings acknowledges the dynamic terrain of communication. A university's adeptness in utilizing social media helps its overall visibility, outreach, and engagement. A good social media presence can significantly affect the university's reputation, drawing a diverse audience and strengthening its status in the competitive higher education sector.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of social media engagement on a university is considerable. As technology continues to grow, social media platforms will remain vital to communication and community-building. Universities that strategically employ social media will have a competitive edge in reaching and resonating with their audience. This indicator, when embraced and cultivated, positions the university for sustainable growth, adaptation, and relevance in the digital era.

### 5. Added Value of this Indicator to the University:

The increased value of a university's active presence on social media is multifold. It boosts the institution's brand visibility, attracts new students, facilitates alumni involvement, and fosters a feeling of community. Social media serves as a dynamic platform to display the university's achievements, communicate impactful tales, and engage with a global audience. The additional value extends beyond rankings, contributing to a favorable and modern image of the university.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting social media engagement is a squandered opportunity for institutions to properly communicate and engage with their varied audience. In an era where information is spread swiftly through digital media, disregarding this signal can result in lost visibility, reduced engagement, and missed opportunities to display the university's distinctive features. Universities should never disregard this signal as it plays a vital part in defining their online brand and sustaining relevance in a fast-paced, interconnected society.

The university's involvement on social media platforms is a significant signal demonstrating its flexibility to contemporary communication trends. Developing and cultivating this indicator

contributes to the institution's overall visibility, engagement, and relevance in the digital age. The added value of a good social media presence extends beyond rankings, impacting the university's image, community-building activities, and long-term performance in a dynamic and linked world.

### *19.2- The university has a YouTube channel(s).*

#### Unlocking Potential: The Significance of a University's YouTube Presence

##### 1. Why This Indicator is Important:

The availability of a YouTube channel(s) for a university is an important indicator in the present educational scene. YouTube is a global platform that crosses geographical limits, giving a channel for colleges to promote their academic, cultural, and research accomplishments. This indicator is essential as it demonstrates the institution's commitment to harnessing multimedia content for effective communication and outreach.

##### 2. Why Universities Should Develop This Indicator:

Developing a YouTube channel(s) is a vital step for institutions wanting to increase their reach and enhance engagement. Multimedia resources, such as video lectures, campus tours, and research highlights, can be great tools to promote the university's ethos and offers. This indicator suggests a dedication to embracing varied and accessible modes of communication, appealing to a large audience and potential students who prefer visual content.

##### 3. Why We Included this Indicator in the Ranking:

The introduction of the YouTube channel indicator in institution rankings acknowledges the modern trend for visual material consumption. Universities with a substantial presence on YouTube demonstrate adaptability to emerging communication trends, embracing a medium that extends beyond traditional techniques. A well-maintained YouTube account contributes to the institution's general visibility, accessibility, and positive perception in the eyes of the public and future students.

##### 4. The Impact of this Indicator on the Future of the University:

The potential impact of a university's YouTube presence is encouraging. As the demand for digital content continues to climb, YouTube provides a conduit for institutions to communicate



educational resources, research achievements, and campus life with a global audience. This indicator equips the university for sustainable growth by developing a relationship with potential students and building an international community interested in the institution's offerings.

#### 5. Added Value of this Indicator to the University:

The extra advantage of keeping a YouTube channel is complex. It gives an outlet to display the university's unique features, share instructional content, and highlight its successes. A YouTube presence boosts the institution's brand, making it more relatable and accessible. Additionally, video content increases engagement, since it allows for a dynamic portrayal of the university's culture, faculty, and academic atmosphere, offering a more immersive experience for viewers.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the formation and care of a YouTube channel is a missed chance for institutions to communicate with a broad and diverse audience. In an era where visual material has become a favored source of communication, disregarding this signal means overlooking a tremendous tool for storytelling, education, and brand growth. Universities should never disregard this signal as it plays a key role in keeping current, accessible, and competitive in the expanding field of digital communication.

A university's YouTube presence is a significant signal showing its dedication to effective and current communication. Developing and maintaining a YouTube channel(s) allows colleges a platform to convey their message, engage with a varied audience, and remain relevant in the digital age. The added value extends beyond rankings, contributing to the institution's global visibility, accessibility, and long-term success. Neglecting this indicator means missing out on the chance to interact with a wide audience through dynamic and visually attractive material.

### *19.3- The university is active on LinkedIn.*

#### Cultivating Professional Networks: The Significance of a University's LinkedIn Presence

##### 1. Why This Indicator is Important:

The active presence of an institution on LinkedIn acts as a vital signal in the contemporary

higher education scene. LinkedIn is not only a professional networking site; it has evolved into a dynamic environment for knowledge dissemination, recruitment, and brand promotion. This indication is crucial because it demonstrates the university's dedication to building a professional online community, communicating with alumni, engaging with industry experts, and demonstrating its academic and research capabilities.

#### 2. Why Universities Should Develop This Indicator:

Developing a comprehensive presence on LinkedIn is vital for colleges aiming to bridge the gap between academia and industry. LinkedIn provides a forum to communicate academic achievements, research discoveries, and success stories of alumni. It offers a conduit for colleges to actively participate in conversations linked to industry trends, emerging technology, and global challenges. This indication highlights the university's devotion to preparing students for successful careers by fostering relationships with professionals and industry leaders.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the LinkedIn indicator in university rankings emphasizes the growing relevance of professional networking and industry collaboration. Universities that actively engage with LinkedIn demonstrate a proactive commitment to connecting students with real-world possibilities. This element adds to the overall rating by acknowledging the institution's dedication to educating students about the professional world and building ties with industry.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of a university's active presence on LinkedIn is positive. As the professional world grows increasingly digital, LinkedIn functions as a bridge between education and industry. The university's engagement on this platform can lead to collaborations, research partnerships, and greater visibility among potential students and industry stakeholders. This indicator positions the university for long-term success by establishing a network that extends beyond campus borders.

#### 5. Added Value of this Indicator to the University:

The extra value of keeping an active presence on LinkedIn is varied. It provides a forum for institutions to display their strengths, discuss industry-relevant insights, and engage with a

global network of professionals. A powerful LinkedIn presence boosts the institution's brand, making it a go-to resource for people seeking collaboration, talent, and academic expertise. Additionally, it creates a significant avenue for alumni involvement, career help, and information exchange.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting a university's presence on LinkedIn is a missed chance to harness a platform with enormous potential for professional networking, brand improvement, and cooperation. In a day where digital engagement is vital to success, neglecting this indicator means overlooking a key route for creating strong ties with industry leaders, alumni, and prospective students. Universities should never disregard this signal since it plays a vital role in building their character as dynamic, forward-thinking institutions.

A university's active presence on LinkedIn is an important indicator that extends beyond professional networking. Developing and sustaining this presence allows institutions a platform to connect with industry, display successes, and actively engage with a worldwide professional community. The extra value of this indication is visible in its contribution to rankings, brand promotion, and long-term success. Neglecting it means missing out on the opportunity to create important connections and promote the university as a vital player in the professional and academic arena.

#### *19.4- The university is publishing its activities periodically on Facebook.*

Harnessing the Power of Social Media: The Importance of Facebook Activity for Universities

##### 1. Why This Indicator is Important:

The frequent publishing of university activities on Facebook stands as a vital signal in the present educational scene. Facebook, as one of the most commonly used social media platforms globally, acts as a dynamic area for communication, community development, and information transmission. This indication is essential because it demonstrates the university's commitment to honest communication, community participation, and presenting its dynamic academic and extracurricular life.

## 2. Why Universities Should Develop This Indicator:

Developing a strong presence on Facebook is vital for institutions wanting to interact with broad audiences. Facebook provides a venue to publish updates on academic achievements, research discoveries, campus events, and the accomplishments of students and faculty. It acts as a two-way communication channel, allowing universities to communicate with present students, alumni, potential students, and the larger community. This indication reflects the university's effort to establish an inclusive digital community and keeping stakeholders informed.

## 3. Why We Included this Indicator in the Ranking:

The inclusion of the Facebook activity factor in university rankings recognizes the rising role of social media in molding public opinion and community participation. Universities that regularly broadcast their activity on Facebook exhibit a commitment to transparency and accessibility. This criterion contributes to the overall score by noting the institution's efforts to interact with diverse audiences and maintain an active, engaging online presence.

## 4. The Impact of this Indicator on the Future of the University:

The future impact of a university's active engagement on Facebook is positive. As social media continues to be a main source of information for many, institutions that properly use this platform should anticipate higher visibility, enhanced community partnerships, and improved recruitment efforts. This indicator equips the university for long-term success by ensuring that it remains relevant and accessible in a developing digital context.

## 5. Added Value of this Indicator to the University:

The extra benefit of periodic Facebook activity resides in its potential to improve the university's brand, establish a feeling of community, and attract a varied variety of stakeholders. Regular updates build a narrative of energy and engagement, making the university a desirable choice for prospective students, faculty, and partners. Additionally, Facebook acts as a vital avenue for alumni interactions, event promotion, and sharing the institution's successes with a global audience.

## 6. Why Universities Should Never Neglect This Indicator:

Neglecting the periodic publication of activity on Facebook is a missed opportunity to harness

a platform that reaches billions of individuals globally. In an era where digital communication impacts public opinion, disregarding this signal means overlooking a critical channel for developing and sustaining a strong institutional image. Universities should never disregard this indicator as it plays a vital role in crafting their story, fostering community relationships, and staying relevant in an increasingly digital environment.

The periodic publishing of university events on Facebook is a vital signal that extends beyond mere social media presence. Developing and maintaining this indicator allows colleges a dynamic platform to engage with broad audiences, share their stories, and establish a feeling of community. The extra value of this indication is visible in its contribution to rankings, brand promotion, and long-term success. Neglecting it means missing out on the opportunity to shape public opinion, build community relationships, and promote the university as a dynamic and involved institution.

### *19.5- The university is updating information on its website.*

Navigating the Digital Landscape: The Significance of Regular Website Updates for Universities

#### 1. Why This Indicator is Important:

The continuous updating of content on a university's website is a significant signal in the digital age. A university's website is often the initial point of contact for prospective students, existing students, faculty, staff, alumni, and the larger community. Keeping the website current and correct ensures that visitors have access to the latest information, establishing a positive and reliable impression of the institution.

#### 2. Why Universities Should Develop This Indicator:

Developing a practice of regular website updates is crucial for universities looking to maintain relevance and credibility. In an era where information is continuously evolving, a dynamic and up-to-date website indicates the institution's dedication to transparency, communication, and giving correct information. It optimizes the user experience, making it easier for various stakeholders to access the information they need.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the regular website updates factor in university rankings emphasizes the

importance of an institution's online presence. A continuously updated website indicates a dedication to quality in communication and information sharing. This indicator contributes to the overall rating by recognizing colleges that prioritize keeping their online content updated, relevant, and user-friendly.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of regular website changes is enormous. As technology continues to play a vital role in how users seek and consume information, colleges that spend in keeping an updated website are better positioned for success. This indicator guarantees that the institution stays nimble and sensitive to the growing demands of its audience, contributing to positive perceptions and ongoing growth.

#### 5. Added Value of this Indicator to the University:

The enhanced value of regular website updates extends across several dimensions. Firstly, it optimizes the user experience, making it easier for potential students to explore academic programs, for existing students to access crucial resources, and for alumni to stay connected. Secondly, it bolsters the institution's legitimacy by displaying a dedication to accuracy and transparency. Thirdly, an updated website serves as a significant recruitment tool, attracting a varied variety of students, teachers, and partners.

#### 6. Why Universities Should Never Neglect This Indicator:

Disregarding frequent website updates is equivalent to disregarding a critical communication route. In a world where information is continuously evolving, a static or outdated website can communicate a lack of dedication to excellence and timeliness. Universities should never disregard this signal since it immediately affects their digital presence, user happiness, and overall reputation. Regular website changes are an investment in the institution's continued success in an increasingly digital world.

The continuous updating of material on a university's website is not only a technicality but a strategic requirement. This indicator determines how the institution is seen, how information is accessed, and how well it connects with its stakeholders. Developing and prioritizing this indicator is vital for colleges aiming to succeed in the dynamic and competitive field of digital communication. Neglecting it risks communicating a sense of stagnation and may impair the

institution's capacity to attract and keep a diverse and active population.

### *20.1- Are there any training resources available for students about Free Speech?*

Empowering Minds: The Significance of Free Speech Training Resources for Students in Universities

#### 1. Why This Indicator is Important:

The availability of training tools linked to free speech is a vital signal for colleges to build an environment that celebrates intellectual diversity, critical thinking, and open discourse. Free speech is vital to academic freedom, and providing tools that educate and empower students on this topic ensures they are ready to interpret complicated ideas, engage in respectful discourse, and contribute effectively to society.

#### 2. Why Universities Should Develop This Indicator:

Universities function as crucibles for varied ideas and opinions. Developing training tools on free speech is vital as it connects with the key ideals of higher education — the quest for truth, intellectual curiosity, and the open interchange of ideas. By supplying these tools, universities help the holistic development of students, preparing them for a world where the ability to communicate and defend one's ideas is vital.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of free speech training resources in university rankings shows the dedication of institutions to academic success and the nurturing of informed, responsible, and involved citizens. Universities that prioritize equipping students with the tools to comprehend, respect, and practice their right to free speech contribute greatly to the overall quality and impact of higher education.

#### 4. The Impact of this Indicator on the Future of the University:

The future influence of free speech training resources is tremendous. As students graduate and become active members of society, their capacity to participate in constructive dialogue, navigate conflicting perspectives, and preserve the ideals of free speech will play a vital role in molding the future. Universities that invest in this indication help the formation of thought leaders, advocates, and informed citizens who can positively impact numerous disciplines.

#### 5. Added Value of this Indicator to the University:

The added value of offering training resources on free speech is multifold. Firstly, it increases the educational experience by establishing an inclusive and intellectually challenging environment. Secondly, it educates students with skills important for their personal and professional lives, such as effective communication, critical thinking, and the capacity to negotiate conflict graciously. Thirdly, it boosts the university's reputation as an institution committed to training students not only academically but also ethically for their roles in society.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the availability of training tools on free speech is a disservice to the mission of higher education. Universities are not just institutions of learning but also sites for the development of responsible citizens and future leaders. Neglecting this indication risks establishing an environment where students may not fully appreciate the importance of free speech, hampering their ability to engage meaningfully in public discourse, impeding intellectual growth, and reducing the overall influence of the institution on society.

The availability of training tools connected to free expression is not merely a checkbox for colleges but evidence of their dedication to growing well-rounded individuals capable of contributing constructively to society. By creating and emphasizing this indicator, colleges play a vital role in shaping a future generation that appreciates intellectual diversity, critical inquiry, and the ideals of free expression.

### *20.2- The university is launching initiatives to promote academic freedom*

#### Championing Ideas: The Crucial Role of Universities in Promoting Academic Freedom

##### 1. Why This Indicator is Important:

The indicator of launching measures to enhance academic freedom is of crucial importance as it demonstrates a university's dedication to fostering an atmosphere where the pursuit of knowledge is unconstrained by external constraints. Academic freedom is the backbone of higher education, guaranteeing that scholars have the autonomy to investigate, question, and distribute knowledge without fear of retaliation. This indication is a witness to an institution's



dedication to sustaining the principles that support rigorous intellectual research.

#### 2. Why Universities Should Develop This Indicator:

Universities are not merely sites of study; they are bastions of free thought and intellectual discovery. Developing programs to support academic freedom is crucial for universities because it corresponds with their mission to spread knowledge, encourage critical thinking, and create independent minds. By actively creating an atmosphere that promotes academic freedom, universities empower staff and students to engage in open discourse, challenge established norms, and contribute to the advancement of human understanding.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of activities fostering academic freedom in university rankings recognizes the critical role that academic liberty plays in the overall quality of higher education. Universities that actively support and implement such projects demonstrate a commitment to establishing an atmosphere where varied ideas can flourish, thereby enriching the educational experience for all stakeholders. This indicator is a qualitative evaluation of an institution's dedication to creating an intellectually dynamic and stimulating atmosphere.

#### 4. The Impact of this Indicator on the Future of the University:

The future significance of programs fostering academic independence is enormous. It guarantees that universities stay dynamic and relevant in a continuously shifting global landscape. By fostering a culture of academic freedom, institutions equip students to manage complex challenges, motivate professors to pursue new research and position the university as a thought leader that contributes significantly to societal progress.

#### 5. Added Value of this Indicator to the University:

The added value of actively launching activities to enhance academic freedom is multidimensional. Firstly, it draws top-tier staff and students who seek an environment conducive to free thought and expression. Secondly, it promotes the institution's reputation as a focus for new research and innovative thought. Thirdly, it contributes to the formation of a well-rounded and intellectually engaged community that can meet the challenges of the future with creativity and resilience.

## 6. Why Universities Should Never Neglect This Indicator:

Neglecting the promotion of academic freedom jeopardizes the fundamental essence of higher education. Universities, as guardians of knowledge, have a moral and intellectual responsibility to ensure that the search for truth is unhindered. Neglecting this indication not only stifles the intellectual growth of individuals within the university but also weakens the institution's position as a societal pillar that contributes to progress and enlightenment.

Colleges must actively engage in developing projects to promote academic freedom to fulfill their core purpose. By doing so, they not only enrich the educational experience but also play a significant part in developing a future generation of critical thinkers, innovators, and contributors to the advancement of human knowledge.

### *21.1- The number of total distance learning programs offered by the university.*

Embracing the Future: The Significance of Total Distance Learning Programs in Higher Education

#### 1. Why This Indicator is Important:

The indicator of the number of total distance learning programs offered by an institution is significant in today's educational scene when flexibility and accessibility are vital. It indicates the institution's commitment to delivering varied and inclusive learning opportunities beyond typical classroom settings. Distance learning programs cater to a broad spectrum of students, including working professionals, persons with geographical constraints, and those wanting a more flexible approach to education.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop the indicator of total remote learning programs to respond to the increasing needs of learners. With improvements in technology and the changing dynamics of the workforce, there is a growing desire for education that transcends physical bounds. Developing distance learning programs allows colleges to widen their reach, cater to a more diversified student base, and remain at the forefront of educational innovation.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of the total number of distance learning programs in university rankings highlights the institution's dedication to inclusivity and innovation. Universities that offer a variety of distant learning choices exhibit responsiveness to the requirements of a global and diverse student body. This factor, thus, adds to a thorough assessment of a university's adaptability, accessibility, and relevance in the contemporary educational scene.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a comprehensive portfolio of distance learning programs is revolutionary. It portrays the university as a pioneer in creating accessible education, adapting to the digital era's demands. As technology continues to influence educational delivery, institutions with a strong concentration on distant learning are better positioned to negotiate the dynamic terrain and stay ahead in providing relevant, future-oriented education.

#### 5. Added Value of this Indicator to the University:

The added value of developing a considerable number of distance learning programs is multi-faceted. Firstly, it promotes the university's reputation as a forward-thinking institution that embraces educational innovation. Secondly, it draws a diverse student base, including individuals who may not have the means to attend traditional on-campus programs. Thirdly, it develops a culture of inclusivity and adaptability, contributing to a dynamic and vibrant learning environment.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the development of distance learning programs might hinder a university's capacity to remain relevant and accessible. In an era where digital transformation is transforming numerous industries, educational institutions must adjust to meet shifting expectations. Neglecting this signal not only limits the institution's growth but also risks excluding a major share of potential learners who prefer flexible, remote, or part-time learning options.

The number of total distance learning programs is a vital indication that connects higher education with the needs of a dynamic, globalized, and technologically driven society. Universities must aggressively develop and strengthen these programs to guarantee they continue to play a major role in creating the future of education, making it accessible to learners regardless of geographical or temporal restrictions.

## *21.2- The university is prepared for online education and has the appropriate equipment and infrastructures for online education*

Elevating Education: The Crucial Role of Preparedness for Online Education in University Development

### 1. Why This Indicator is Important:

The indicator concentrating on a university's preparedness for online education, comprising both equipment and infrastructure, is of crucial relevance in the present educational scene. As technology continues to evolve, online education has evolved as a key component of higher education. This indicator reflects the institution's dedication to embracing digital transformation, ensuring continuity of education in unforeseen circumstances, and offering students with diverse learning possibilities.

### 2. Why Universities Should Develop This Indicator:

Universities should actively build the indicator of preparedness for online education to comply with the digital age's demands. Developing solid online education skills guarantees that the institution can effortlessly move to distant learning, fostering resilience in the event of unforeseen problems such as global pandemics or natural catastrophes. Moreover, it offers access to a broader audience, including overseas students, working professionals, and persons with various learning preferences.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of the preparation for online education indicator in university rankings demonstrates the institution's forward-thinking attitude and responsiveness to emerging educational paradigms. It acknowledges the role of technology infrastructure in providing effective online learning experiences. This indicator contributes to a holistic assessment, recognizing universities that are at the forefront of harnessing technology for educational success.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a well-prepared infrastructure for online education is revolutionary. It establishes the university as a pioneer in educational technology integration,

ensuring its relevance and competitiveness in the worldwide academic field. This readiness is crucial in attracting a diverse student body and developing a culture of continual development, placing the institution on a trajectory of sustainable expansion and adaptation.

#### 5. Added Value of this Indicator to the University:

The added advantage of creating a solid infrastructure for online education is multifold. Firstly, it promotes the university's standing as a technologically progressive institution. Secondly, it widens the reach of education, allowing the institution to serve a global audience. Thirdly, it provides a dynamic and inclusive learning environment, supporting the different requirements of pupils. Lastly, it positions the institution to seize opportunities coming from the increasing incidence of distance and online education.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the development of online education preparation jeopardizes the institution's ability to satisfy the demands of modern learners and compete in the global education scene. In a world where digital literacy is becoming indispensable, institutions must emphasize this indicator to preserve their long-term viability, growth, and relevance.

Readiness for online education is a keystone for colleges aspiring to navigate the challenges and opportunities given by the digital era. Active development of this indicator is not merely a strategic move; it is a commitment to creating the future of education and empowering students with broad and flexible learning pathways.

### *21.3- The university has a platform/sub-domain/portal to support online education*

Empowering Education: The Significance of Dedicated Online Education Platforms in University Development

#### 1. Why This Indicator is Important:

The presence of a specialized platform, sub-domain, or portal to facilitate online education is a significant signal in the contemporary educational scene. It acts as a single center where students, professors, and administrators can seamlessly access and manage online learning resources. This indicator reflects a university's dedication to offering a structured and successful online learning environment, boosting accessibility, and enhancing the overall

educational experience.

## 2. Why Universities Should Develop This Indicator:

Universities should actively establish a dedicated online education platform to satisfy the evolving needs of the digital-native generation. Such a platform provides a unified and organized area for hosting course materials, facilitating communication, and organizing collaborative activities. Developing this metric is vital for universities wanting to offer a solid online learning experience that mirrors the quality and coherence of traditional, in-person education.

## 3. Why We Included this Indicator in the Ranking:

The inclusion of the dedicated online education platform indication in university rankings demonstrates the institution's dedication to using technology for educational achievement. It highlights the value of a well-structured online learning environment in promoting student engagement, facilitating collaboration, and assuring the seamless delivery of instructional content. This factor contributes to a holistic assessment, recognizing colleges that promote technological integration for educational improvement.

## 4. The Impact of this Indicator on the Future of the University:

The potential implications of having a specialized platform for online education are transformational. It promotes the university as a technologically proficient institution that prioritizes the digital experience of its students. This proactive strategy not only ensures the university's relevance in the digital age but also attracts learners who seek a vibrant and engaged online learning environment. The platform becomes a cornerstone for future advances in online education initiatives.

## 5. Added Value of this Indicator to the University:

The added advantage of developing a dedicated online education platform is multi-faceted. Firstly, it strengthens the university's reputation as an institution committed to delivering innovative and accessible learning alternatives. Secondly, it streamlines the online learning experience, making it more user-friendly for both students and instructors. Thirdly, it develops a sense of community and collaboration among online learners, minimizing the potential obstacles of remote education. Lastly, it places the university as a leader in the integration of

technology for educational growth.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the creation of a dedicated online education platform jeopardizes the institution's capacity to deliver a cohesive and compelling online learning experience. In an era where technology plays a crucial role in education, institutions must emphasize this indication to demonstrate their versatility, dedication to quality online education, and responsiveness to the shifting demands of the learner.

A dedicated platform for online education is not merely a technology tool; it is a strategic investment in the future of education. Universities should view it as a vital component of their digital infrastructure, ensuring that students may access high-quality education regardless of their geographical location or learning preferences.

### *22.1- Innovation is one of the pillars of the university*

#### Cultivating Excellence: The Crucial Role of Innovation as a Pillar of the University

##### 1. Why This Indicator is Important:

The identification of innovation as one of the pillars of a university is of crucial importance as it indicates the institution's dedication to pushing the boundaries of knowledge, promoting creativity, and adapting to the dynamic landscape of education. Innovation serves as a promoter of progress, helping universities to stay at the forefront of advancements in research, teaching approaches, and societal effects.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively develop innovation as a pillar to match themselves with the increasing requirements of students, industries, and society at large. Developing this indicator entails developing a culture that supports innovation, embraces technical breakthroughs, and values interdisciplinary collaboration. It frames the institution as a proactive agent of change, dedicated to generating graduates who are not only educated in their areas but also equipped with the critical thinking abilities needed to navigate an ever-changing world.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of innovation as a pillar in university rankings is a recognition of the institution's dedication to excellence. It understands that a forward-thinking approach to education is necessary for equipping pupils to flourish in a globalized and fast-changing environment. Universities that prioritize innovation contribute greatly to the growth of knowledge, making them vital players in defining the future of education.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of placing innovation as a pillar is revolutionary. It ensures the institution stays adaptable and responsive to evolving trends in education, technology, and industry. Innovation becomes a driving force behind the development of cutting-edge programs, research initiatives, and joint ventures, improving the university's influence and relevance in an increasingly competitive academic world.

#### 5. Added Value of this Indicator to the University:

The additional value of emphasizing innovation is numerous. It puts the university into the vanguard of educational institutions, attracting top-tier faculty, researchers, and students. It encourages a culture of continual development, raising the quality of education and research outputs. Additionally, a creative institution becomes a hub for corporate alliances and community participation, further reinforcing its role as a promoter for beneficial societal change.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting innovation as a pillar impairs the university's capacity to remain relevant and influential in a continually developing educational scene. In an era where disruptive technology, interdisciplinary methods, and global concerns need innovative answers, colleges that disregard this indicator risk falling behind in delivering a comprehensive and future-ready education.

Innovation as a pillar of the university encapsulates the institution's commitment to influencing the future. It is not only a strategic choice but a moral obligation, reflecting the role of higher education to lead, adapt, and inspire constructive change in the world. Universities that embrace innovation as a guiding principle position themselves as trailblazers, contributing greatly to the advancement of knowledge and the betterment of society.



## *22.2- Creativity is one of the main pillars of the operation of the university*

### Nurturing Brilliance: The Profound Significance of Creativity as a Main Pillar of University Operation

#### 1. Why This Indicator is Important:

Identifying creativity as one of the fundamental pillars of university operation is vital because it emphasizes the intrinsic link between creativity and intellectual growth. Creativity is not only the fountain of invention but also a driving force behind critical thinking, problem-solving, and the development of new information. It highlights the dedication of the university to cultivate an environment where inventive thinking is not simply encouraged but celebrated.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively foster creativity as a fundamental pillar because it is the cornerstone of intellectual growth and academic performance. By promoting creativity, institutions create a fertile ground for students and faculty to explore fresh ideas, challenge conventions, and contribute to the advancement of human knowledge. Developing this indicator entails integrating creative thinking into the curriculum, promoting interdisciplinary collaboration, and cultivating an ethos that encourages imaginative expression.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of creativity as a significant criterion in university rankings serves to showcase the institution's approach to holistic education. Creativity transcends traditional academic boundaries, producing a dynamic learning environment that prepares students to navigate a quickly changing world. Universities that prioritize creativity contribute not only to the academic landscape but also to societal advancement, making them vital players in molding the future.

#### 4. The Impact of this Indicator on the Future of the University:

The future implications of recognizing creativity as a fundamental pillar are tremendous. It assures that the institution remains a magnet for revolutionary research, artistic expression, and inventive problem-solving. As the globe grapples with difficult challenges, creative minds fostered within the university will be at the forefront of discovering transformative answers.

This indication positions the institution as a leading factor in influencing the future intellectual environment.

5. Added Value of this Indicator to the University:

The added value of promoting creativity resides in the complete development of individuals. Beyond academic achievements, promoting creativity enriches the university experience, contributing to the personal and professional growth of students. Additionally, a university known for its commitment to creativity attracts varied skills, including teachers and students who thrive in an environment that encourages and stimulates inventive thinking.

6. Why Universities Should Never Neglect This Indicator:

Neglecting creativity as a major pillar jeopardizes the essence of education itself. Creativity is the fuel for growth, and universities that disregard this indication risk becoming stagnant and alienated from the shifting requirements of society. In an era where adaptation and invention are fundamental, disregarding creativity undermines the fundamental goal of higher education in training individuals to excel in a fast-changing environment.

Creativity as a fundamental pillar of university operation is a testament to the institution's commitment to nurturing brilliance, uniqueness, and holistic growth. It transforms the university into a thriving intellectual environment, where innovation is not simply a skill but a way of life. Embracing and strengthening this signal guarantees that the university becomes a beacon of inspiration, supporting the creative thinkers and visionaries who will change the future.

*22.3- The university has a policy to support talented students (rewards – financial aid, etc).*

Empowering Excellence: The Strategic Importance of Supporting Talented Students in Higher Education

1. Why This Indicator is Important:

Recognizing and encouraging bright students is a vital component of promoting inclusivity, diversity, and academic performance within a university. This indication is essential because it demonstrates the institution's dedication to finding, supporting, and honoring extraordinary

abilities, contributing to a dynamic and enriched learning environment.

## 2. Why Universities Should Develop This Indicator:

Universities should actively design policies to promote outstanding students as it corresponds with the primary aim of education—to unlock and maximize the potential of every individual. By developing focused programs, scholarships, and mentorship opportunities, universities foster an atmosphere where greatness is not merely acknowledged but actively cultivated.

## 3. Why We Included this Indicator in the Ranking:

The inclusion of this metric in university rankings is significant for various reasons. It indicates the institution's dedication to academic and personal development, establishing a community where the greatest minds can flourish. By actively assisting outstanding students, universities contribute to worldwide knowledge networks and boost their status as hubs of innovation and intellectual success.

## 4. The Impact of this Indicator on the Future of the University:

The future impact of assisting bright students is profound. By investing in outstanding individuals, colleges become incubators for groundbreaking research, creativity, and leadership. Talented students, when provided with the proper resources and encouragement, are more likely to become prominent contributors to their respective fields, boosting the prestige and effect of the university on a global scale.

## 5. Added Value of this Indicator to the University:

The extra value of aiding talented kids is multi-faceted. Firstly, it draws high-level individuals, creating a competitive and lively academic environment. Secondly, it boosts the institution's academic output, resulting in greater research productivity and a favorable influence on society. Thirdly, it promotes a culture of excellence that penetrates every part of university life, inspiring all students to strive for their best.

## 6. Why Universities Should Never Neglect This Indicator:

Neglecting the support for exceptional students risks strangling the very potential that institutions are meant to release. Talent knows no limitations, and institutions that disregard this characteristic risk losing out on the revolutionary impact talented individuals may have.

Moreover, it goes against the principles of justice and inclusivity that should underpin every educational institution, impeding the formation of a diverse and dynamic intellectual community.

Encouraging outstanding students is not only an indicator; it is a commitment to the core values of education. By implementing comprehensive policies and programs, universities not only empower outstanding individuals but also improve the entire academic ecosystem. This indication demonstrates a university's dedication to developing brilliance, producing a legacy of greatness that resonates through generations of students and contributes significantly to the advancement of knowledge and society.

#### *22.4- The university has a policy to support talented faculty members (rewards – financial aid, etc).*

Fostering Brilliance: The Imperative of Supporting Talented Faculty Members in Higher Education

##### 1. Why This Indicator is Important:

The policy to assist talented faculty members is of essential importance as it directly affects the quality and direction of academic research, teaching, and institutional reputation. Recognizing and honoring the quality of faculty members is crucial in establishing an environment where knowledge discovery, innovation, and mentorship thrive.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively design and execute policies to help talented faculty members to guarantee the institution attracts, keeps, and nourishes intellectual excellence. By offering prizes, financial aid, and other incentives, universities establish a culture that values and invests in the professional growth and well-being of their professors, resulting in an enriched educational experience for students and groundbreaking contributions to research.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in university rankings is significant as it demonstrates the institution's dedication to academic quality and faculty development. A substantial program for sustaining bright faculty members contributes greatly to the research output, global

influence, and overall standing of the university. It conveys to potential students, researchers, and collaborators that the institution is a hub for top-tier academic talent.

#### 4. The Impact of this Indicator on the Future of the University:

The future benefit of supporting brilliant faculty members is revolutionary. Faculty members are at the vanguard of knowledge creation, and by providing them with the appropriate support, universities establish themselves as leaders in research and innovation. This, in turn, draws additional outstanding academics, generating a positive feedback cycle that propels the university to the forefront of worldwide education and research.

#### 5. Added Value of this Indicator to the University:

The extra value of supporting talented faculty members is multifold. Firstly, it increases the institution's academic prestige, making it a destination for students seeking high-quality education and researchers looking for collaborative possibilities. Secondly, it contributes to the generation of cutting-edge information and improvements in numerous areas. Thirdly, it fosters a pleasant and collaborative work culture that benefits the entire university community.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the support for exceptional faculty members jeopardizes the basic foundation of academic excellence. Faculty members are the driving force behind a university's success, and disregarding their development hampers the institution's capacity to compete globally. Furthermore, it opposes the ideals of justice and recognition that should guide every academic institution, risking the loss of significant intellectual capital and decreasing the overall quality of education and research.

Supporting brilliant faculty members is not only an indicator; it is an investment in the future of the university. By designing and promoting policies that recognize and promote academic genius, institutions create an atmosphere where faculty members may thrive, ultimately leading to a positive impact on students, research, and the worldwide academic community. This indicator demonstrates a university's dedication to excellence and should be a cornerstone in the strategic vision of any higher education institution.

### *23.1- The university has certain procedures for good governance.*

#### Navigating Success: The Significance of Good Governance in Higher Education

##### 1. Why This Indicator is Important:

The establishment of procedures for good governance in a university is crucial because it establishes a framework for effective decision-making, transparency, and accountability. Good governance ensures that the institution works ethically, upholds its mission, and serves the best interests of all stakeholders, including students, teachers, staff, and the larger community.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively establish and implement procedures for good governance to foster an environment of trust, integrity, and responsible management. This indicator serves as a compass, leading the institution toward ethical and productive activities. By adopting clear governance procedures, universities can strengthen institutional resilience, manage risks, and create a foundation for sustained growth.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of good governance in university rankings is crucial as it demonstrates the institution's commitment to ethical leadership and responsible administration. Universities are not only centers for education and research but also complex organizations with diverse stakeholders. Good governance is a measure of the institution's ability to overcome obstacles, adapt to change, and sustain a beneficial impact on society.

##### 4. The Impact of this Indicator on the Future of the University:

The future impact of having rigorous mechanisms for good governance is far-reaching. It guarantees that the university stays adaptable to changing conditions, retains the trust of stakeholders, and continues to attract top talent. Effective governance is a cornerstone for long-term success, impacting the institution's ability to innovate, respond to emerging difficulties, and retain a strong reputation in an ever-evolving academic field.

##### 5. Added Value of this Indicator to the University:

The added value of strong governance procedures is manifold. Firstly, it fosters a culture of accountability and ethical conduct, producing a positive and inclusive working environment.

Secondly, it boosts the institution's reputation, making it an attractive choice for students, faculty, and collaborating partners. Thirdly, it contributes to the efficient use of resources, ensuring that the institution maximizes its impact in teaching, research, and community engagement.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting procedures for effective governance puts the university at risk of ethical failures, internal conflicts, and reputational loss. Effective governance is not only about compliance; it is a proactive approach to preserving the institution's sustainability and beneficial influence. Universities should never disregard this indication as it serves as the foundation for sustainable growth, resilience in the face of adversities, and the overall well-being of the academic community.

Good governance is not a bureaucratic formality; it is the cornerstone of a university's success and impact. By designing and prioritizing procedures for good governance, institutions create a climate where ethical leadership thrives, stakeholders are engaged, and the institution can negotiate the intricacies of the academic world with integrity and purpose. This indicator demonstrates a commitment to excellence and should be intrinsic to the strategic vision of every higher education institution.

### *23.2- The university has certain procedures for decision-making.*

Navigating Excellence: The Imperative of Effective Decision-Making Procedures in Higher Education

#### 1. Why This Indicator is Important:

The establishment of well-defined procedures for decision-making in a university is of crucial importance as it ensures that critical choices are made in a methodical, transparent, and responsible manner. Effective decision-making procedures provide the backbone of strategic planning, enabling the organization to respond adeptly to problems, grab opportunities, and preserve its goal.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively build and modify decision-making procedures to foster a culture

of inclusivity, efficiency, and strategic vision. This indication is not only a bureaucratic obligation but a proactive approach to developing an atmosphere where decisions are well-informed, collaborative, and consistent with the institution's larger aims. Developing decision-making procedures is a strategic investment in the institution's ability to prosper in a dynamic academic landscape.

### 3. Why We Included this Indicator in the Ranking:

The inclusion of decision-making procedures in university rankings is significant as it demonstrates the institution's commitment to governance excellence. Universities are complicated institutions with varied stakeholders, and effective decision-making is key to sustaining their reputation and building an environment of trust. This indicator relates to the institution's competence to negotiate complexity and make choices that benefit the whole academic community.

### 4. The Impact of this Indicator on the Future of the University:

The future significance of having well-defined decision-making procedures is considerable. It positions the university to be adaptable in the face of developing difficulties, grab emerging opportunities, and make informed choices that lead to long-term success. Effective decision-making is a stimulus for innovation, adaptation, and resilience, ensuring that the institution remains at the forefront of academic and societal achievements.

### 5. Added Value of this Indicator to the University:

The additional value of decision-making methods is numerous. Firstly, it engenders a culture of collaboration and inclusivity, where varied opinions are considered in the decision-making process. Secondly, it boosts the institution's ability to deploy resources efficiently, maximize strategic efforts, and navigate uncertainty with confidence. Thirdly, it contributes to the institution's reputation, making it an attractive location for students, faculty, and collaborative collaborations.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the establishment and refinement of decision-making procedures exposes the university to risks connected with ad-hoc choices, lack of openness, and potential conflicts. Effective decision-making is not a one-time occurrence; it is an ongoing process that



necessitates constant progress. Universities should never disregard this indicator since it safeguards against haphazard choices, enforces responsibility, and cultivates an environment where decisions contribute to the institution's long-term success.

Good decision-making procedures are the foundation of a university's capacity to negotiate the intricacies of the academic world with precision and purpose. By prioritizing the development and improvement of these practices, institutions provide a foundation for quality, innovation, and sustainable influence. This indicator is not only a measure of compliance but a testimonial to the institution's dedication to governance excellence and its ability to make choices that influence the future of higher education.

### *23.3- The university follows democratic models in governance.*

#### Democracy in Governance: A Cornerstone for University Excellence

##### 1. Why This Indicator is Important:

The use of democratic methods in university governance is crucial as it guarantees that decision-making processes are inclusive, participatory, and representative of the many views within the academic community. This factor is vital for building a culture of shared responsibility, transparency, and accountability, laying the groundwork for a healthy academic environment.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively develop and accept democratic forms of governance as they accord with the concepts of academic freedom, autonomy, and shared governance. By incorporating multiple stakeholders in decision-making, colleges develop an environment where ideas are discussed, and collective wisdom informs strategic choices. This indicator is not just a reflection of institutional principles but also a proactive strategy for fostering a lively and engaged academic community.

##### 3. Why We Included this Indicator in the Ranking:

The inclusion of democratic governance models in university rankings is crucial as it demonstrates the institution's adherence to ideals that drive academic performance. Universities are not simply information hubs but dynamic communities where varied ideas

contribute to growth. This indicator highlights institutions that actively promote democratic norms, emphasizing the significance of collaborative decision-making in the academic ecosystem.

#### 4. The Impact of this Indicator on the Future of the University:

The future impact of accepting democratic governance approaches is transformational. It positions the university as a progressive institution that emphasizes inclusivity, equity, and the democratic exchange of ideas. Such a governance strategy supports innovation, adaptation, and resilience, ensuring that the institution can navigate the dynamic terrain of higher education with agility and responsiveness to the demands of its community.

#### 5. Added Value of this Indicator to the University:

The implementation of democratic governance methods brings tremendous value to the university. Firstly, it promotes a sense of belonging and ownership among stakeholders, boosting their commitment to the institution's objective. Secondly, it encourages a culture of open communication, trust, and collaboration, which are vital for the success of any academic institution. Thirdly, it contributes to the university's reputation, making it an attractive destination for people who desire a participative and inclusive academic atmosphere.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the adoption of democratic forms in governance undermines the concepts of academic freedom, shared accountability, and transparency. In a continually evolving higher education context, colleges that overlook this indicator risk alienating stakeholders, limiting innovation, and undermining the institution's ability to respond to changing requirements. This indicator is not only a measure of governance style; it is a commitment to ideals that guarantee the institution's long-term prosperity and relevance.

Embracing democratic forms in governance is not just an indicator; it is a commitment to principles that form the core of a thriving academic community. Universities that actively promote and uphold democratic norms in governance are better positioned to negotiate obstacles, utilize the collective wisdom of their community, and design a future that is inclusive, inventive, and sustainable. This indicator is not merely a reflection of institutional procedures; it is a declaration of the institution's adherence to democratic principles that

transcend and improve the academic experience.

### *23.4- Decisions of the university are council-made decisions.*

#### Councils-Made Decisions: Fostering Collaborative Governance in Universities

##### 1. Why This Indicator is Important:

The indicator of council-made choices is of fundamental relevance as it demonstrates a commitment to collaborative governance within the university. When choices are made through councils, which often include members from multiple stakeholders, it assures a broader perspective, inclusion, and collective knowledge in the decision-making process. This method is vital for sustaining transparency, equity, and accountability inside the institution.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively develop the indicator of council-made choices as it corresponds with the principles of shared governance. This collaborative method guarantees that choices are not unilateral but represent the agreement of numerous constituents, including teachers, students, administrators, and sometimes external stakeholders. Developing this indicator displays a commitment to developing an inclusive and participatory governance structure that represents the values of the academic community.

##### 3. Why We Included this Indicator in the Ranking:

The addition of the council-made decisions indicator in university rankings is significant since it demonstrates a commitment to democratic governance. Universities that incorporate councils in decision-making display a dedication to transparency, justice, and a wide representation of viewpoints. This signal is an acknowledgment of institutions that prioritize collective participation and shared responsibility in setting the future of the university.

##### 4. The Impact of this Indicator on the Future of the University:

The future impact of adopting council-made decisions is transformational. It establishes a culture of shared accountability and ownership among stakeholders, generating a sense of belonging and dedication to the university's mission. This collaborative governance model also positions the institution to face future difficulties with resilience, drawing on the collective wisdom and different viewpoints inside the councils.

#### 5. Added Value of this Indicator to the University:

The council-made decisions indicator brings great value to the university. It ensures that decisions are well-informed, taking into consideration the viewpoints and skills of diverse stakeholders. This not only boosts the quality of decisions but also adds to a strong institutional culture. Additionally, it creates trust among stakeholders, as they see their representatives actively engaging in setting the university's future.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting the indication of councils-made choices contradicts the concepts of shared governance and transparency. Universities that overlook this signal risk establishing an environment where choices are regarded as top-down, potentially leading to disillusionment and a lack of confidence among stakeholders. This negligence might impede the institution's ability to adapt to change, innovate, and sustain a positive academic community.

Adopting council-made decisions is not merely an indicator; it is a commitment to a governance style that emphasizes inclusivity, openness, and communal decision-making. Universities that actively establish and sustain this indication are better positioned to foster a strong institutional culture, navigate obstacles effectively, and create a future that is molded by the joint efforts of the entire academic community. This indicator is not merely a measure of governance style; it is a declaration of the institution's adherence to democratic ideas that enrich and develop the university's foundation.

### *24.1- Academic transparency policies are available for academic staff.*

Fostering Academic Excellence: The Imperative of Academic Transparency Policies for Academic Staff

#### 1. Why This Indicator is Important:

The indicator of academic transparency rules for academic personnel is vital for promoting openness, integrity, and accountability within a university. Transparency is the underpinning of a strong academic environment, ensuring that academic processes, judgments, and evaluations are done with clarity and justice. For academic staff, having access to explicit policies provides a clear grasp of expectations, procedures, and possibilities for professional

progress.

## 2. Why Universities Should Develop This Indicator:

Universities should actively implement academic transparency rules for academic personnel to respect the principles of justice and equity. These regulations serve as a guide for academic staff, establishing clarity on promotion requirements, evaluation processes, and professional development opportunities. By creating such regulations, colleges demonstrate a commitment to providing a supportive and transparent atmosphere that supports the academic progress of their teachers.

## 3. Why We Included this Indicator in the Ranking:

The inclusion of academic transparency rules in institution rankings indicates a dedication to academic quality and fairness. Institutions that value openness empower their academic staff to navigate their career paths with confidence, knowing that their contributions are recognized and evaluated fairly. Including this indicator in rankings highlights universities that encourage a culture of openness and provide clear standards for professional development.

## 4. The Impact of this Indicator on the Future of the University:

The future impact of enacting academic openness policies is enormous. It guarantees that the academic staff is well-informed about the expectations and criteria for career advancement. This clarity leads to a pleasant work atmosphere, generating a sense of trust and dedication among faculty members. In the long term, it promotes the reputation of the university as a fair and supportive institution, attracting and keeping top-tier academic talent.

## 5. Added Value of this Indicator to the University:

The implementation of academic openness policies offers tremendous value to the university. It cultivates a culture of trust and accountability, leading to enhanced teacher satisfaction and productivity. Clear policies aid in productive decision-making processes, eliminating misunderstandings and conflicts. Moreover, it positions the university as an institution that values the professional development and well-being of its academic staff, making it an attractive location for potential faculty members.

## 6. Why Universities Should Never Neglect This Indicator:

Neglecting the implementation of academic transparency principles sets the university at risk of developing a climate of ambiguity and unhappiness among academic personnel. Without clear rules, faculty members may experience difficulty in comprehending promotion criteria or obtaining professional development opportunities. Neglecting this signal jeopardizes the institution's capacity to attract and maintain high-level academic personnel and may lead to a deterioration in overall academic performance.

The formulation and execution of academic transparency rules for academic staff are crucial to fostering a friendly, fair, and vibrant academic community. Universities that actively emphasize and engage in transparent policies for faculty members not only increase their academic status but also contribute to the overall positive culture inside the university. This indication, far from being a mere procedural obligation, becomes a monument to the university's dedication to academic quality and the well-being of its academic staff.

#### *24.2- The university has policies and procedures to keep politics, radicalism, and racism out of classrooms.*

##### Upholding Academic Integrity: Policies Against Politics, Radicalism, and Racism in University Classrooms

###### 1. Why This Indicator is Important:

The indicator of having policies and procedures to eliminate politics, radicalism, and racism from classrooms is of crucial importance in sustaining the sanctity of academic environments. Universities function as crucibles of knowledge, establishing an environment where multiple ideas can coexist. Policies prohibiting inserting contentious views maintain this atmosphere, ensuring that universities remain settings for open speech, critical thinking, and unbiased learning.

###### 2. Why Universities Should Develop This Indicator:

Universities should aggressively design and enforce measures to keep politics, radicalism, and racism out of classrooms to preserve the educational character. Such policies reflect a commitment to creating an inclusive and unbiased learning environment. By establishing an atmosphere free from contentious influences, universities encourage students to engage with a broad range of views, promoting intellectual growth and comprehension.

### 3. Why We Included this Indicator in the Ranking:

The addition of this indicator in university rankings underscores the necessity of building inclusive learning environments. Institutions that promote measures against the infiltration of contentious beliefs contribute to the overall quality of education. Ranking institutions based on this factor honors their effort to cultivate a climate where students can investigate ideas without the intervention of political prejudices, extremism, or bigotry.

### 4. The Impact of this Indicator on the Future of the University:

The future significance of developing and upholding measures against divisive beliefs is enormous. It ensures that university classrooms remain settings for unbiased intellectual investigation, contributing to the formation of well-rounded, open-minded individuals. Over time, this commitment to intellectual honesty increases the university's reputation, attracting students, teachers, and researchers who want an environment marked by academic brilliance and inclusivity.

### 5. Added Value of this Indicator to the University:

The inclusion of policies against politics, radicalism, and racism in classrooms provides tremendous value to the university. It provides an environment where students feel secure to voice their viewpoints, encouraging meaningful and polite discourse. This commitment also attracts a diverse student body, teachers, and researchers, improving the university's intellectual vigor and contributing to a strong reputation in the academic community.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting to adopt and enforce policies against controversial views in classrooms puts the university at risk of undermining its essential ideals. Failure to address this signal could lead to a degradation of academic integrity, thereby alienating students and faculty members who desire an unbiased and inclusive learning environment. Universities that overlook this signal risk ruining their reputation and may have difficulty in attracting individuals committed to intellectual progress and diversity.

The development and enforcement of laws against politics, radicalism, and racism in university classrooms are crucial for safeguarding the character of higher education. This indication goes

beyond procedural requirements; it demonstrates the institution's dedication to sustaining academic ideals, promoting intellectual progress, and establishing an environment where students can interact with various ideas without fear of bias or discrimination. For universities aiming for excellence, this indicator stands as a tribute to their dedication to providing a truly inclusive and intellectually challenging educational experience.

### *25.1- The university has a five-year plan for its operation.*

#### Strategic Vision: The Importance of a Five-Year Plan in University Operations

##### 1. Why This Indicator is Important:

A five-year plan acts as a blueprint for the university's strategic development. It explains the institution's aims, priorities, and actions over a substantial time range. This indicator is significant as it provides a systematic framework for decision-making, resource allocation, and progress assessment. It is a dynamic instrument that enables the university to handle problems, capitalize on opportunities, and strive toward its long-term vision.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively construct thorough five-year plans to guarantee they have a clear, well-defined orientation for the future. These plans help institutions to coordinate their academic, financial, and operational agendas. By anticipating difficulties and opportunities, colleges may proactively handle concerns, distribute resources efficiently, and adjust to the dynamic landscape of higher education.

##### 3. Why We Included this Indicator in the Ranking:

Including the presence of a five-year plan in institution rankings highlights the significance of strategic foresight and planning in the academic landscape. Universities that devote time and effort to building solid plans demonstrate a commitment to long-term excellence. This indicator acknowledges universities that prioritize strategic thinking, establishing them as leaders in the field of higher education.

##### 4. The Impact of this Indicator on the Future of the University:

The future impact of having a well-structured five-year plan is revolutionary. It positions the university for sustainable success by providing a plan for development, innovation, and



adaptation. A skillfully constructed strategy allows the institution to weather uncertainty, capitalize on emerging trends, and remain relevant in a continuously changing educational context.

#### 5. Added Value of this Indicator to the University:

The added benefit of a five-year strategy to the university is diverse. It instills a sense of purpose and direction among stakeholders, fostering a cohesive vision. It increases institutional transparency, as the plan communicates the university's aims, guiding principles, and anticipated challenges. Additionally, the plan attracts potential investors, partners, and high-level teachers and students who seek an institution with a purposeful, forward-thinking approach.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting to prepare a thorough five-year strategy might leave the university vulnerable to unforeseen problems and impede its capacity to capitalize on possibilities. Without a strategic roadmap, institutions may struggle to deploy resources efficiently, respond to changes in the educational landscape, and maintain a competitive edge. Universities that overlook this indicator risk falling behind in the dynamic and competitive sphere of higher education.

A five-year plan acts as a cornerstone in the strategic architecture of a university. It is not only a document but a dynamic tool that affects the institution's destiny. Universities committed to excellence realize the value of strategic planning, utilizing it to manage challenges, motivate stakeholders, and position themselves as leaders in the pursuit of academic and operational excellence.

### *25.2- The university sets plans for the inclusion of its graduates in the faculty members of the university.*

#### Strategic Inclusion: The Significance of Graduates Joining the Faculty

##### 1. Why This Indicator is Important:

The signal of a university actively planning for the inclusion of its graduates in faculty posts is essential for various reasons. It develops a sense of continuity and loyalty inside the university, creates chances for professional progress for alumni, and improves the academic environment

by bringing in fresh viewpoints. Additionally, it connects with the broader goals of creating a diverse and inclusive faculty, reflecting the university's dedication to cultivating its talent.

#### 2. Why Universities Should Develop This Indicator:

Universities should actively develop programs for the participation of their graduates in faculty jobs to leverage the richness of knowledge and experience that these individuals bring. Cultivating a culture that promotes graduates to transition into faculty roles not only builds institutional relationships but also capitalizes on their familiarity with the university's ethos, policies, and academic culture. This indicator demonstrates a commitment to talent development and the conviction in the potential of internal candidates to contribute meaningfully to the academic community.

#### 3. Why We Included this Indicator in the Ranking:

The inclusion of this indicator in university rankings demonstrates the institution's dedication to cultivating and retaining its own talent pool. It suggests a proactive attitude to talent management, which is a fundamental part of academic performance. Universities that deliberately prepare for the inclusion of graduates in teaching jobs display a forward-thinking mindset that contributes to the general strength and dynamism of the academic community.

#### 4. The Impact of this Indicator on the Future of the University:

The future implications of actively planning for the inclusion of graduates in academic posts are considerable. It creates a pipeline of experienced and institutionally aligned educators, ensuring a smooth transfer and continuity in academic leadership. This technique contributes to the formation of a strong institutional identity, increases the university's reputation, and attracts potential students and faculty who appreciate a community-oriented and growth-focused academic environment.

#### 5. Added Value of this Indicator to the University:

The added value of this indicator to the university is complex. It increases the institution's reputation as an incubator of talent, promoting an environment where graduates strive not just to get an education but also to contribute to the academic community. The participation of graduates in academic jobs enriches diversity, bringing various perspectives and experiences to the teaching and research scene. Moreover, it generates a positive feedback

loop, since current students are inspired by the success stories of their predecessors turned faculty members.

#### 6. Why Universities Should Never Neglect This Indicator:

Neglecting to actively plan for the inclusion of graduates in academic positions constitutes a squandered opportunity for colleges. It overlooks the potential for fostering a sense of belonging among graduates, hampering the establishment of a strong and united academic community. Additionally, disregarding this signal may impede the institution's capacity to retain and harness the skills of workers who have a profound understanding of the university's values and objectives.

The purposeful inclusion of graduates in faculty positions is not simply a useful practice; it is a testimonial to a university's dedication to its community and its conviction in the continued development of internal talent. By deliberately preparing for this inclusion, universities invest in a sustainable and dynamic academic future, promoting a sense of continuity and loyalty that enriches the entire institution.

### *25.3- The portion of investment of the university in futuristic, and modern technology (like Metaverse, AI, and other technologies) to the total budget of the university.*

#### Investing in the Future: The Importance of Technological Advancement in University Budgets

##### 1. Why This Indicator is Important:

The share of investment in futuristic and current technology, such as the Metaverse, AI, and other developing technologies, to the entire budget of a university, is an important indicator. It highlights the institution's dedication to staying at the forefront of technology innovations, ensuring that students and faculty have access to cutting-edge tools and resources. This indicator is crucial for promoting innovation, training students for the evolving labor market, and sustaining the university's competitiveness in the worldwide academic scene.

##### 2. Why Universities Should Develop This Indicator:

Universities should actively improve this indicator to connect their strategic aims with technology advancements. In an era where rapid technological progress is transforming industries and communities, educational institutions must equip themselves with the latest

tools and knowledge. Developing this indication reflects a proactive commitment to incorporating technology into teaching, research, and administration, producing an atmosphere that encourages digital literacy and prepares graduates for the demands of the modern workforce.

### 3. Why We Included this Indicator in the Ranking:

Including the share of investment in futuristic technology in universities, rankings highlight the significance of technological preparation in higher education. Universities that invest a considerable percentage of their money to embrace emerging technologies exhibit a commitment to staying relevant and providing a high-quality educational experience. This indicator highlights forward-thinking institutions that value innovation and are better positioned to respond to the quickly changing world of education and technology.

### 4. The Impact of this Indicator on the Future of the University:

The future impact of investing in futuristic technologies is revolutionary for institutions. It portrays them as pioneers in technology innovation, attracting top-tier staff and students who desire an environment where they can engage with the latest innovations. This investment also boosts research capacities, enabling multidisciplinary collaboration and groundbreaking discoveries. Furthermore, graduates from institutions that prioritize futuristic technology are better suited to navigate and contribute to businesses that increasingly rely on cutting-edge tools and processes.

### 5. Added Value of this Indicator to the University:

The added value of this indicator to the university is complex. It increases the institution's reputation as a focus for technological innovation, gaining attention from prospective students, faculty, and industry partners. A university that invests in futuristic technology produces a dynamic and future-ready learning environment, attracting students who desire an education linked with industry needs. Moreover, it develops successful connections with industry leaders and academic institutes, creating options for joint projects, funding opportunities, and knowledge sharing.

### 6. Why Universities Should Never Neglect This Indicator:

Neglecting to invest in futuristic technologies is a big danger for colleges. In an era where

technology plays a vital role in changing numerous elements of society, disregarding this indication impairs a university's capacity to provide a relevant and competitive education. It hinders the institution's capacity to adjust to evolving trends, potentially leading to a drop in enrollment, research output, and industrial relationships. Neglecting this indication affects the university's long-term sustainability and its capacity to execute its mission in an increasingly digital and interconnected world.

Investing in futuristic technology is not only a cash allocation; it is an investment in the future relevance and prosperity of the university. By actively creating and emphasizing this indication, universities position themselves as leaders in technological growth, establishing a culture of innovation that benefits students, faculty, and the larger community.

### 8.3 Strategies for Efficiently Handling and Improving Indicator Scores

In the changing environment of higher education, where universities seek recognition and distinction, the HE Higher Education Ranking provides a complex and comprehensive evaluation system containing an astounding 138 indicators. This holistic web of metrics presents a broad challenge, demanding strategic viewpoint, cautious planning, and continuous adaptation from institutions seeking not just to handle these indicators efficiently but to elevate their scores, thereby securing a coveted position in the competitive global higher education rankings. At the center of this strategic initiative lies the foundational pillar of data management. The sheer range and depth of 138 indicators necessitate a complex approach to collecting, evaluating, and verifying data. Universities must build rigorous processes to assure the accuracy and trustworthiness of the information offered across varied measures. This entails not only a technology infrastructure capable of managing huge information but also a cultural commitment to data quality, transparency, and ethical standards. The effectiveness of this basic strategy reverberates across the whole institutional landscape, affecting subsequent decisions and activities in pursuit of improved indicator scores. The strategic allocation of resources emerges as a key in this delicate dance with indicators. Universities must not just allocate resources but deliberately move financial and human assets toward areas that promise major gains in indicator scores. This needs a comprehensive awareness of institutional strengths and limitations, matching resource allocation with both short-term gains and long-term strategic objectives. An institution's financial investments, academic knowledge, and

research infrastructure must all be properly channeled to increase performance across the vast array of criteria that the ranking analyzes.

Technological integration becomes a transforming factor in the search for improved indicator scores. Universities can employ cutting-edge data analytics techniques and platforms to generate relevant insights from the huge array of indications. This goes beyond simply data collecting and reporting; it encompasses the proactive use of data to guide strategic decisions, identify areas for improvement, and capitalize on new possibilities. Technological integration also extends to communication tactics, ensuring that the story surrounding an institution's performance is not only true but also effectively communicated to internal and external stakeholders. The complexity of the 138 indicators extends beyond quantitative metrics. The qualitative factors, such as cultural effect and inclusivity, add levels of complication to the strategy dilemma. Achieving excellence in research outputs must blend with fostering an inclusive and culturally enriched academic environment. Collaborative efforts across academic units, departments, and disciplines become crucial in this integrated quest for greatness. The synergy between research successes and cultural effect, for instance, transforms an institution's identity from a simple academic powerhouse to a comprehensive contributor to society enrichment. The route toward higher indicator scores is not a one-time effort; it is a continuing and iterative process. Proactive methods for ongoing development must be entrenched in the institutional DNA. Regular assessments and modifications of methods become important as the measurements evolve and new trends emerge in higher education. The ability to anticipate developments in the educational landscape, social expectations, and the ranking criteria itself needs a forward-thinking approach to institutional planning and evaluation.

Transparent communication regarding improvement initiatives is a cornerstone in this continual process. Universities must not only engage in internal debates but also interact openly with external stakeholders. This comprises present and prospective students, faculty members, alumni, funding agencies, and the larger community. A culture of accountability, transparency, and responsiveness to feedback cultivates a favorable institutional image and creates trust, critical aspects in the competitive world of global higher education.

The strategic handling and enhancement of indicator scores demand a holistic and interdisciplinary approach. Universities must adeptly go across the confluence of expertise in data management, focused resource allocation, technology integration, collaborative synergy, and a proactive approach toward continual improvement. This multidimensional strategy positions institutions not just to efficiently handle the variety of indications but also to flourish and innovate within the dynamic and ever-evolving arena of higher education rankings. As institutions embark on this journey, they are not only competing in a race for numerical benchmarks but contributing to the greater narrative of higher education's role in society. The 138 indicators, diverse as they are, collectively portray a vision of institutions as dynamic organizations affecting the future of education, research, and societal influence. The strategic handling and improvement of these indicators, therefore, become not merely a hunt for higher scores but a commitment to excellence, innovation, and the constant advancement of the global higher education landscape.

## IX. Conclusion

The HE Higher Education Ranking emerges not merely as a compass but as a transformative tool, reshaping the contours of institutional evaluation and celebration. This conclusive exploration delves into the ethos that underpins the ranking, tracing its evolution, its impact on higher education institutions, and the broader implications for the global academic landscape. The HE Higher Education Ranking is not a static entity but a dynamic response to the evolving role of universities in the 21st century. Its genesis in 2022 marked a significant moment in the discourse on institutional assessment, steering away from traditional, one-dimensional metrics toward a comprehensive framework that mirrors the broad contributions of modern universities. As the first edition of the ranking unfolded in April 2023, it did more than assign positions; it ignited a conversation about the very essence and purpose of higher education.

At the heart of this transformative approach lies the recognition that universities are not monolithic entities defined solely by research outputs or academic excellence. They are dynamic hubs of knowledge production, cultural enrichment, societal impact, and global engagement. The criteria and indicators embedded within the ranking are not arbitrary choices but deliberate reflections of this holistic understanding. They form a kaleidoscope that captures the diverse hues of institutional success, providing a narrative that extends beyond numerical rankings. The deliberate choice to include 25 criteria and 138 indicators was not an arbitrary decision but a strategic move to redefine the parameters of institutional assessment. It is an acknowledgment that the impact of universities cannot be confined to quantitative measures alone. Research outputs, internationalization efforts, teaching methodologies, and societal contributions collectively contribute to the rich fabric of higher education. The ranking's insistence on comprehensiveness goes beyond statistical robustness; it is a commitment to recognizing and celebrating the myriad ways in which universities contribute to the world. The ranking's methodology, transparent and inclusive, is a guiding principle that demystifies the evaluation process. It goes beyond assigning scores; it offers a roadmap for institutions to navigate the complexities of the higher education landscape. The feedback loop, wherein detailed reports are shared with each participating university, becomes a promoter for introspection and growth. Institutions are not merely recipients of rankings but active participants in a process that fosters continuous improvement, strategic decision-making, and alignment with global best practices.



Moreover, the ranking's significance extends beyond the individual institutions to the broader landscape of higher education. It contributes to the ongoing dialogue about the purpose and impact of universities in a rapidly changing world. By embracing a comprehensive approach that values cultural enrichment, societal engagement, and global connectivity, the ranking becomes a harbinger of a new era in higher education assessment. The HE Higher Education Ranking is not a culmination but a promoter. Its evolution and impact are threads in the larger fabric of reimagining higher education evaluation. As universities worldwide engage with their criteria, indicators, and methodology, they are not merely navigating a ranking but participating in a paradigm shift. The ranking becomes a mirror that reflects the vibrancy, diversity, and potential of higher education institutions, inviting them to not only embrace their positions but to actively shape the narrative of the global academic landscape.

### 9.1 Summary of Key Insights

In traversing the expansive landscape of the HE Higher Education Ranking, a rich fabric of key insights emerges, transcending the confines of mere numerical positions. This summary encapsulates the profound revelations and transformative shifts that echo through the criteria, indicators, and methodology, providing an understanding of the ranking's significance in reshaping the discourse on institutional assessment. At the heart of the ranking's key insights lies a departure from traditional, one-dimensional metrics. It heralds a paradigm shift in evaluating the success and impact of higher education institutions. By embracing 25 criteria and 138 indicators, the ranking elevates the assessment process beyond a mere tally of research outputs or academic achievements. It acknowledges the dynamic nature of modern universities, where success is defined by a spectrum of contributions encompassing teaching methodologies, societal impact, and global engagement.

One of the fundamental insights is the deliberate choice to include a diverse array of criteria, reflecting the broad roles that universities play in the contemporary world. The criteria extend beyond academic outputs to capture the essence of cultural enrichment, societal engagement, and global connectivity. In doing so, the ranking becomes a holistic mirror that reflects the comprehensive impact of higher education institutions on multiple fronts. It is not merely a list of metrics but a narrative that articulates the diverse and vital contributions of universities. A salient feature of the ranking's methodology is its commitment to transparency.

The criteria, weights, and scoring systems are not shrouded in opacity but laid bare for institutions to engage with. This transparency is not a passive attribute but an active choice to empower universities with a deeper understanding of how their activities are evaluated. The data collection and validation processes become a collaborative endeavor, wherein institutions actively participate in shaping the narrative of their success and areas for improvement.

The ranking's significance extends beyond the numerical positions assigned to institutions. It becomes a promoter for introspection and continuous improvement. The feedback loop, wherein detailed reports are shared with each participating university, transforms the ranking into a dynamic tool for institutional growth. Institutions are not passive recipients of rankings but active participants in a process that fosters strategic decision-making, resource allocation, and alignment with global best practices. In exploring the 25 criteria, each with its specific weight and percentage, institutions are invited to embark on a journey of self-discovery. The ranking's methodology becomes a roadmap, guiding institutions to critically engage with their own missions, strengths, and areas for development. It is not a prescriptive measure but a dynamic instrument that prompts institutions to reflect on their unique contributions to academia, society, and the global landscape. The inclusivity of the ranking is a key insight that transcends regional and cultural boundaries. The criteria and indicators are not confined to a particular context but are designed to capture the universal essence of higher education's role in shaping minds and advancing knowledge. This inclusivity ensures that institutions worldwide, regardless of size or specialization, find resonance within the evaluation framework. The HE Higher Education Ranking offers a transformative lens through which to view the complex ecosystem of higher education. Its key insights go beyond numerical rankings to unravel the rich narrative of institutional success and potential. By embracing comprehensiveness, transparency, and inclusivity, the ranking becomes a beacon that guides institutions toward a holistic understanding of their roles in the global fabric of knowledge and progress.

## 9.2 Looking Forward: Evolution of HE Higher Education Ranking

As we cast our gaze forward into the horizon of higher education evaluation, the evolution of the HE Higher Education Ranking unfolds as a dynamic narrative, poised at the intersection of tradition and innovation. This section ventures into the future, exploring the potential

trajectories, innovations, and transformative possibilities that await the ranking as it continues to shape the landscape of institutional assessment.

At its core, the HE Higher Education Ranking is not a static entity but a living organism that evolves in response to the ever-changing dynamics of higher education. Its genesis in 2022 marked a departure from conventional methodologies, embracing a comprehensive approach that resonates with the broad roles of modern universities. Looking forward, this ethos of inclusivity and responsiveness is likely to remain a guiding principle, ensuring that the ranking stays attuned to the evolving nature of higher education institutions. One avenue of evolution lies in the continuous refinement of criteria and indicators. The 25 criteria and 138 indicators, while comprehensive, are not immutable. They are open to scrutiny, revision, and augmentation, reflecting the dynamic nature of knowledge production and societal engagement. As higher education institutions evolve, so too should the criteria, capturing emerging dimensions of impact and innovation. The evolution of the ranking is also intricately tied to the global shifts in higher education paradigms. As the landscape of academia transforms, with a growing emphasis on interdisciplinary research, digital innovation, and global citizenship, the ranking is poised to reflect these shifts. The inclusion of criteria related to technology, sustainability, and interdisciplinary collaboration may become more pronounced, aligning the ranking with the forefront of academic trends.

The HE Higher Education Ranking has the potential to become a promoter for deeper engagement with issues of equity, diversity, and inclusion. While the current criteria touch upon aspects of diversity, the future evolution could see a more explicit focus on how universities contribute to fostering inclusive environments. This evolution aligns with the broader societal discourse on the importance of representation and equity in all facets of life. The ranking's methodology, a cornerstone of its impact, is also likely to undergo refinements. The transparency that currently characterizes the process may evolve into an even greater collaboration between ranking organizers and participating institutions. This collaborative ethos could involve universities not only in the data collection and validation processes but also in the co-creation of the evaluation framework, ensuring a more contextually relevant assessment.

As we look forward, the HE Higher Education Ranking has the potential to extend its influence beyond the immediate academia. The ranking can become a platform for fostering international collaboration, knowledge exchange, and best practice sharing. By creating a global community of universities committed to excellence, the ranking can transcend geographical boundaries, fostering a shared sense of purpose and impact. In the ever-expanding digital landscape, the ranking's visibility and accessibility are poised for augmentation. The dissemination of results, insights, and best practices could be further amplified through innovative digital platforms, reaching a broader audience and creating avenues for public discourse on the role of universities in society. Ultimately, the evolution of the HE Higher Education Ranking is not merely a technical recalibration but a profound engagement with the evolving ethos of higher education. It is a narrative that unfolds in collaboration with universities, policymakers, and stakeholders, co-creating a future where the assessment of institutional success is not just a numerical exercise but a dynamic reflection of universities' contributions to the betterment of humanity. As we embark on this journey of evolution, the HE Higher Education Ranking stands as a beacon, guiding higher education institutions toward a future where excellence is measured not in isolation but in collective impact and transformative potential.

## X. About the Author

Mustafa Kayyali, Ph.D., is an ardent advocate for excellence in higher education, driven by a relentless pursuit of quality, recognition, and innovation. As the Manager of HE Higher Education Ranking, he leads initiatives that play a crucial role in shaping the landscape of academia. Having earned a Master's in Quality Management and Evaluation in Higher Education from Universitat Oberta de Catalunya, followed by a Ph.D. in Quality Management from Azteca University, his academic pursuits have laid a strong foundation for his expertise in Accreditation, Quality Assurance, and Higher Education Rankings. Dr. Kayyali has made significant contributions to academic literature, boasting more than 30 published papers and 10 book chapters. Additionally, he takes pride in his role as a translator, having translated 5 books, thus bridging language gaps and promoting knowledge exchange on a global scale. In recognition of his expertise, Dr. Kayyali holds key affiliations with esteemed institutions. He is privileged to be a part of the British Accreditation Council's Accreditation Committee, the Slovenian Quality Assurance Agency as an International Expert, and the Agency for Control and Quality Assurance of Higher Education AKOKVO as an Accreditation Expert. His international engagements also include being an expert for the Kosovo Accreditation Agency KAA and the ECBE - European Council for Business Education, as well as serving as a Lead Auditor at the Centre of Assessments for Excellence (COAE). As an entrepreneur, researcher, translator, and publisher, Dr. Kayyali is deeply involved in various facets of the academic world. His diverse interests encompass Management, Translation, Interpretation, and Academic consulting, contributing to a well-rounded understanding of the industry.