

## **Activity Report of WIE, Kolkata Chapter (2022)**

### **Part A – Administrative**

(Annual General Meeting, Committee Meeting, Connection with Local National Organizations meeting)

#### **1. WIE EX COMM Meeting**

### **Part B –Affinity Group Activities**

#### **WIE Event 1**

**Event :NWCDN 2022**

**Date: 04/01/2022**

**Venue: Online**

**Attendee # 50+**

The 5th International Workshop on Networking Women in Distributed Computing and Networks 2022 (NWDCN 2022) [<http://www.nwdcn2022.rf.gd>] was held on 4th January, 2022 in conjunction with the renowned conference ICDCN 2022 (23rd International Conference on Distributed Computing and Networking) and [IEEE](#) WIE Kolkata Section

Schedule of the event was as follows :

Time (IST)	Agenda
9:00 am – 9.05 am	Welcome message by Dr Punyasha Chatterjee, School of Mobile Computing & Communication, Jadavpur University, India
<b>Session 1: Invited Talk</b> Chair: Prof Nabanita Das, Indian Statistical Institute, Kolkata, India	
9.05 am – 9.50am	Speaker: Prof Ljiljana Trajkovic Professor, School of Engineering Science Simon Fraser University, Canada
<b>Session 2: Paper Presentation</b> Chair: Dr Punyasha Chatterjee, Jadavpur University, India	
9.50 am – 10.05 am	Uniform Scattering of Robots on Alternate Nodes of a Grid
10.05 am – 10.20 am	IoT Based Smart Home-Health Monitoring System Using Dempster-Shafer Evidence Theory For Pandemic Situation
10:20 am - 10:35 am	Prevention of SQL Injection Attack by Using Black Box Testing
10:35 am - 10:50 am	Understanding the Robustness in Phoneme Production Mechanism in English and Bengali
<b>Session 3: Panel Discussion</b>	
10.50am – 11:50am	Moderator: Sudeshna Choudhury, Head of Strategy, Business Analytics, Analytics & Insights, Tata Consultancy Services Chair, IEEE Women in Engineering (WIE) Kolkata Section Title: Diverse Dimensions of Smart Cities Panelists:

	<ul style="list-style-type: none"><li>• <b>Dr. Surekha Deshmukh</b>  Domain Consultant- Utilities Analytics and Insights Tata Consultancy Services Chair - PES India Chapters Council PES R 10 - CR West</li><li>• <b>Mrs. Sanjivani Joglekar</b>  Freelance Consulting , Psychology and Sociology</li><li>• <b>Dr. Mervi Hämäläinen</b>  Development Manager, City of Espoo Finland</li></ul>
11:50 am - 12:00 am	Valedictory Session

**NWDCN  
2022**



[HTTP://WWW.NWDCN2022.RF.GD/](http://www.nwdcn2022.rf.gd/)

**Panel Discussion**  
Diverse Dimensions  
of Smart Cities

**MODERATOR**



 **04**  
**04 Jan 2022**

**Sudeshna Choudhury**

Head of Strategy, Business Analytics, Analytics & Insights,  
Tata Consultancy Services  
Chair, IEEE Women in Engineering (WIE)  
Kolkata Section

 **Registration**

<https://icdcn2022.iitd.edu.in/workshop.html>

**Panelists**



**Dr. Mervi Hämäläinen**  
Development Manager,  
City of Espoo  
Finland



**Dr. Surekha Deshmukh**  
Domain Consultant- Utilities Analytics and Insights  
Tata Consultancy Services  
Chair - PES India Chapters Council  
PES R 10 - CR West

**Mrs. Sanjivani Joglekar**  
Freelance Consulting , Psychology and Sociology



**Further details:**

[https://www.linkedin.com/posts/sudeshna-choudhury-31335692\\_ieee-wie-smartcities-activity-6883032311676456960-uE1a](https://www.linkedin.com/posts/sudeshna-choudhury-31335692_ieee-wie-smartcities-activity-6883032311676456960-uE1a)

## **WIE Event 2**

### **Event: Women's Day Celebration 2022**

**Date: 08/03/2022**

**Venue: Online**

**Attendee # 40+**

Celebrated annually on March 8th, International Women's Day is a day to celebrate globally the social, economic, cultural and political achievements of women. This day is also a day to check how far women have come up in their fight for their rights. This year the theme was #BreakTheBias.

To celebrate this special day, IEEE Women in Engineering (WIE) Kolkata Section organised a talk on "Personal Branding" as women often either neglect it or are too shy to practice. The talk was delivered by Sri. Buddheswar Roy. Sri. Roy is a Mechanical Engineer from B.E. College (D.U), Shibpore (Presently IEST) in 2002 and Master of Business Administration (MBA) from London Business School (LBS). He is also a certified Project Management Professional (PMP) from PMI, USA and Certified Lead Quality Auditor in ISO 9001 from DNV. He is CIPS (Advance Diploma) in Procurement & Supply Chain Management.

The speaker informed the house that personal branding is not a new concept. It has been around in the business realm for a couple of decades. Personal brand is everything that one brings to the table which includes skills and Values. Personal branding can be defined as "It's the perception of others about you based on the values you deliver to them". The speaker highlighted that one cannot control the perception of others about oneself but definitely can influence it. Personal brand should mirror one's actual character, and should be based on one's qualities, uniqueness, aptitude and capability.

The talk was highly enjoyed by the participants which included Faculty members, students and industry personnel.

Women in Engineering  
IEEE, Kolkata Section

## Seminar on **PERSONAL BRANDING**



Speaker: **Buddheswar Roy**



**Short biography of the speaker:** Speaker has received his B.E. in Mechanical Engineering from B.E. College (D.U), Shibpur (Presently IEST) in 2002, MBA from London Business School, Certified Project Management Professional (PMP) from PMI, USA, Certified Lead Quality Auditor in ISO 9001 from DNV, CIPS (Advance Diploma) in Procurement & Supply Chain Management. Having diverse working experience of 19+ years in leading cross cultural team in different parts of the Globe (such as USA, Singapore, Kuwait, Oman and UAE).

### Meeting Details

Date: 08.03.2022



Time: 7 PM

Platform: Webex  
Password: upTBBY55n62

Meeting number: 2530 462 1595  
Host key: 396833



Meeting link:  
<https://ieeemeetings.webex.com/ieeemeetings/j.php?MTID=mbeb8ff1261e678cc2308b9990d117592>

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sudeshna akash khanra aniket thakur Ankita Ray Chowdhury anukriti

Layout

Viewing BUDDHESWAR's scr...

### FEMALE LEADERS

ieemeeetings.webex.com is sharing your screen. Stop sharing Hide

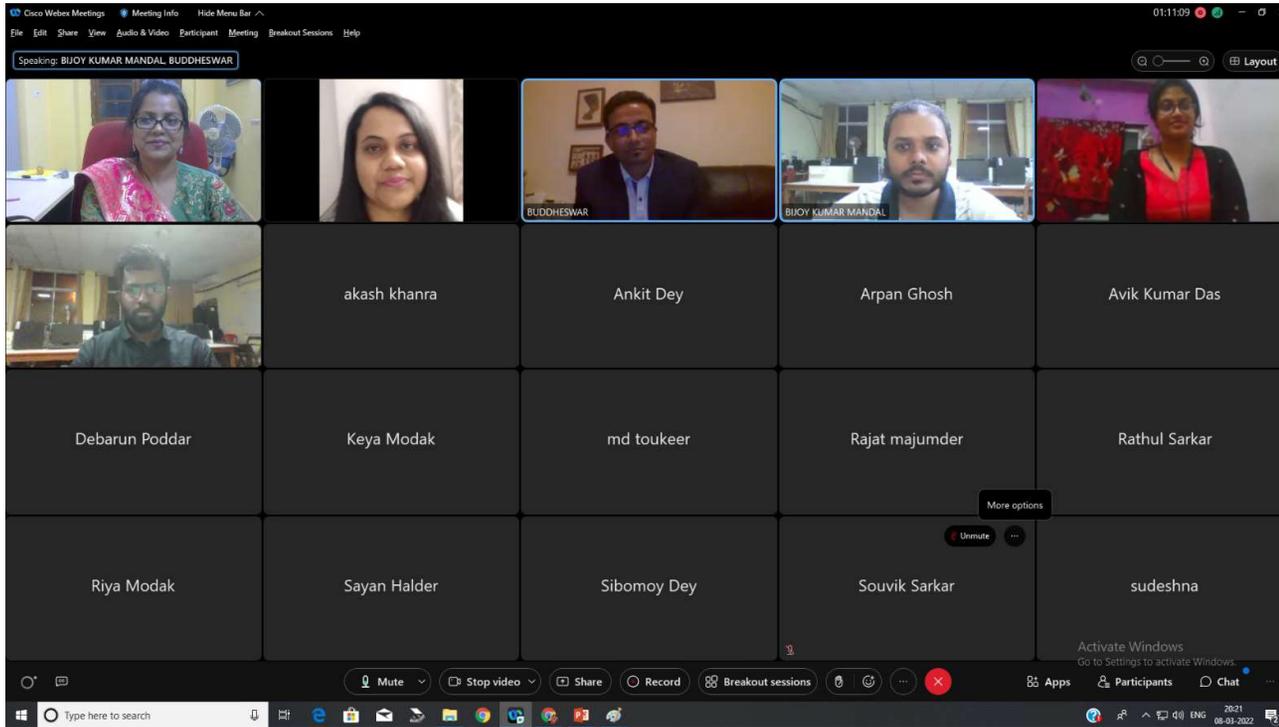
Unmute Stop video Share Record Breakout sessions

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19:37  
08-01-2022



### **WIE Event 3**

**Event : WIE Track for TechX Congress is the Eastern Indian Techno-Management Leadership Summit**

**Date: 3/4/2022**

**Venue: Creek Resort, Shantiniketan**

**Attendee # 75+**

IEEE, WIE Kolkata Section organized a WIE Track in TechX Congress is the Eastern Indian Techno-Management Leadership Summit organised jointly by two IEEE student branches.

Sudeshna Choudhury , Chair IEEE, WIE ,Kolkata Section address the students attending TechX Congress '22 on Data and Analytics Opportunities in the Industry. Dr. Sudipta Chatterjee , IEEE, WIE , R10 committee member briefed the students on IEEE and WIE . Dr. Ankita Pramanik , Vice Chair , IEEE, WIE , Kolkata Section moderated the track. Congratulations to IEEE SB NIT Durgapur and IEEE SB Jadavpur University for arranging this offline event in Shantiniketan very efficiently with 75+ participants in person.

The enthusiasm and response from the students on the quiz following the session was also worth appreciating and it was a pleasure handing out the awards to

the winners on behalf of IEEE WIE Kolkata Section. IEEE, WIE sponsored 3 awards for the quiz winners.



IEEE  
COMPUTER  
SOCIETY

IEEE  
KOLKATA SECTION



Tech X<sup>22</sup>

## Data and Analytics Opportunities in Industry



Speaker

**Dr. Ankita  
Pramanik**

Prof. IEST  
Shibpur



Speaker

**Sudeshna  
Choudhury**

Head of Strategy,  
Business Analytics, TCS



Speaker

**Dr. Sudipta  
Chattopadhyay**

IEEE R10  
Women in Engineering Committee  
EXCOM Member



## WIE Event 5

**Event : Episode 6: Life and Work of Dr. Asima Chatterjee Date: 24/6/2022**

**Venue: Hybrid**

**Attendee # 80+**

On this 75th year of Independence, the D2D talk focused on the pioneer Dr. Asima Chatterjee who was the first woman to receive a Doctor of Science degree from an Indian university. Asima Chatterjee (1917-2006) was an Indian organic chemist noted globally for her work in the fields of Organic Chemistry and Phytomedicine from the pre-independence days despite the limited laboratory resources available to the scientists in India, during that time. Her most notable works include research on indole alkaloids, particularly of Rauwolfia, Rhazya, Alstonia species and their synthesis, the development of anti-epileptic and anti-malarial drugs from Indian medicinal plants. She also authored a considerable volume of work on medicinal plants of the Indian subcontinent. One of the ambitious dreams of Prof. Chatterjee was the establishment of an Institute for research and development of Ayurvedic medicines based on Indian medicinal plants, which was realized as the Central Ayurveda Research Institute with an attached Ayurvedic Hospital, in Kolkata. It was mesmerizing to learn about not only her remarkable teaching and research activities of Prof. Asima Chatterjee but also her efforts towards contributing to society in terms of enhancing awareness to indigenous scientific research for one and all, establishment of House-wife Research Associates to counter the difficulties of bright young women who had to compromise her career for her child-rearing duties, amending the patent law in India to eliminate the colonial bias towards foreign manufacturing companies, and so on to name a few. She played a leading role in a number of scientific societies and Associations – she was elected the first woman General President of the Indian Science Congress Association in its 62nd Session, Delhi in 1975. She was nominated to the Rajya Sabha (1982-1990).

The talk was delivered by Professor Dr. (Mrs.) Julie Banerji, PhD, PRS, FAScT, FISC, Former Khaira Professor of Chemistry, University of Calcutta. The audience of nearly a hundred, spanned across people from the disciplines of engineering, science, academia, industry, students, faculty members in different parts of India, who were enthralled by the life and works of Prof. Asima Chatterjee as the speaker Professor Dr. (Mrs.) Julie Banerji spoke eloquently about her mother.

The program began with a warm welcome by Ms. Sudeshna Choudhury, Chairperson IEEE WIE Kolkata Section and also Head of Strategy, Business Analytics, Analytics and Insights, Tata Consultancy Services. The volunteers welcomed the dignitaries on the dais with flower bouquets. Prof. Iti Saha Mishra, Chair Elect of IEEE Kolkata Section and Professor, Jadavpur

University gave a brief introduction about IEEE and WIE and its activities. Prof. Sushmita Mitra, Chairperson of IEEE Kolkata and Professor(HAG), Indian Statistical Institute (ISI), Kolkata addressed the gathering through virtual mode. Prof. Susmita Sur-Kolay, ExCOMM Member IEEE WIE Kolkata and Professor(HAG), ISI, Kolkata introduced the speaker. After the talk Prof. Sudipta Chatterjee, Member WIE R10 and Professor, Jadavpur University presented a beautiful memento to the speaker thoughtfully chosen by Prof. Chatterjee and Ms. Choudhury. Dr. Ankita Pramanik, Vice Chairperson IEEE WIE Kolkata Section and Assistant Professor, Indian Institute of Engineering Science and Technology (IEST), Shibpur offered the vote of thanks. The program ended with an exuberant note with all the participants who had gathered in offline mode coming together for a group picture. The success of the well-attended event could be gauged from the interactive questions and reminiscences from the audience.

IEEE Kolkata Section  
&  
Women in Engineering (WIE) Kolkata Section  
presents

# Dare to Dream Episode 6

*[A talk series on Indian Women in STEM more than 50 years back]*

*"Life and work of Prof. Asima Chatterjee"*

24<sup>th</sup> June 2022 Friday 6:00 PM IST

Speaker : Prof. Julie Banerji



Connect. Support. Inspire.

**IEEE**  
KOLKATA SECTION

Further Details: [https://www.linkedin.com/posts/sudeshna-choudhury-31335692\\_ieee-womeninstem-organicchemistry-activity-6942871312222609409-i24W?utm\\_source=linkedin\\_share&utm\\_medium=member\\_desktop\\_web](https://www.linkedin.com/posts/sudeshna-choudhury-31335692_ieee-womeninstem-organicchemistry-activity-6942871312222609409-i24W?utm_source=linkedin_share&utm_medium=member_desktop_web)

Youtube : [://youtu.be/PWaylFw5hKQ](https://youtu.be/PWaylFw5hKQ)

**WIE Event 6**

**Event : Outreach Event – Haat-e-kolome- A hands on introduction to electronic circuits**

**Date: 12/11/2022-13/11/2022**

**Venue: Shantiniketan**

**Attendee # 80+**

IEEE WIE Kolkata Section along with IEEE EDS Center of Excellence, IEEE EDS SBC Heritage Institute of Technology, Kolkata and IEEE Kolkata Section SIGHT Group collaborated with Binapani Ashram Trust organisers in arranging a workshop on 12th and 13th of November 2022 with 46 participating school going girls. Thanks to Dr. S. Bhattacharya, Chairman, Binapani Ashram Trust and Professor Nabanita Das, Indian Statistical Institute, Kolkata for helping in making this happen. We spent two days with the students in Binapani Ashram, Mouldanga Village, Sriniketan. (<http://www.binapaniashram.com/home.php>) The institution is for economic empowerment of tribal and girls of other lesser privileged communities. There were motivational and interactive activities during the workshop to create interest among school going girl students for science and engineering courses in higher education. There were demonstrations and hands on with electronic circuit design, talk on Dr. Jagadish Chandra Bose by Dr. Banasri Basu from Indian Statistical Institute, Kolkata and many more activities which made the days full of learning and fun.

**Members and guests who joined:**

Professor Nabanita Das, Indian Statistical Institute, Kolkata IEEE SM, WIE

Professor Banasri Basu, Indian Statistical Institute, Kolkata

Prof.(Dr.) Sudipta Chattopadhyay, Dept of ETCE, Jadavpur University, IEEE Region 10 WIE Committee Member, Chair, IEEE PAC, Kolkata Section, Treasurer, IEEE COMSOC Kolkata Chapter, Past Chair, IEEE WIE Kolkata Section

Dr. Mousiki Kar, Associate Professor, Heritage Institute of Technology, Kolkata, Chair, IEEE Kolkata Section SIGHT Group, Co-ordinator, IEEE EDS Center of Excellence, Heritage Institute of Technology, Kolkata, Branch Counselor, IEEE Heritage Institute of Technology Student Branch, STEM Champion, IEEE Try Engineering, Member, IEEE WIE

Dr. Ankita Pramanik, ETCE Department, IEST Shibpur, IEEE, WIE Vice Chair Kolkata Section

Tanima Bhowmik, Assistant Professor of ECE department, Calcutta Institute of Engineering & Management, Kolkata, Member IEEE

Shreyashee Roy, Jaya Gupta, Soumya Biswas, Sourav Bhattacharjee Student volunteers from the IEEE EDS Student Branch Chapter, Heritage Institute of Technology

Sudeshna Choudhury, Tata Consultancy Services, IEEE, WIE Chair Kolkata Section



# Outreach Program



হাতে কলমে



*- A Hands-On  
Introduction to  
Electronic Circuits*



**IEEE SIGHT**  
Special Interest Group on  
Humanitarian Technology

12-13 November 2022  
Venue: Binapani Ashram, Sriniketan



Further Details: [https://www.linkedin.com/posts/sudeshna-choudhury-31335692\\_wie-ieee-stemwomen-activity-6997996704385941504-8rWB?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/sudeshna-choudhury-31335692_wie-ieee-stemwomen-activity-6997996704385941504-8rWB?utm_source=share&utm_medium=member_desktop)