



MD Monthly – SEPTEMBER 2016

Membership Development Report – Page 1



This report is issued monthly on behalf of the IEEE Member & Geographic Activities Board.
Source data is IEEE membership statistics. Contact: Elyn Perez, elyn.perez@ieee.org

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Monthly Census	YoY Variance		Sep '16	Sep '15	Aug '16	Sep '16 vs. Aug '16	
IEEE Membership	+	2,870	+0.7%	396,030	393,160	386,538	+2.5%
o Honorary		-1	-3.1%	31	32	32	0.0%
o Fellow	▲	124	+1.7%	7,367	7,243	7,367	-3.1%
o Senior Member	▲	1,661	+4.4%	39,652	37,991	39,313	0.0%
o Member	▼	-1,301	-0.5%	247,085	248,386	245,369	+0.9%
o Associate Member	▼	-557	-6.6%	7,898	8,455	7,903	+0.7%
o Graduate Student	▲	60	+0.2%	35,339	35,279	32,796	-0.1%
o Undergraduate Student	▲	2,884	+5.2%	58,658	55,774	53,758	+7.8%
Society Membership	-	-663	-0.2%	303,918	304,581	300,453	+1.1%
o 12 Societies up > 1%	▲	6,054	Societies Note: Sum of respective gains and losses, with all counts excluding Affiliates. Including Affiliates, total Society memberships are down year-over-year by -2,042 or -0.6%.				
o 7 Societies +/- 1%	▲	89					
o 20 Societies down > 1%	▼	-6,806					

MD Venue	September - Membership Year To Date									
	'16	'15	'14	'13		'16	'15	'14	'13	
Retention	Available in November					Recruitment	7,696	7,953	8,756	8,087
Higher-Grade						Reinstatement	19,049	2,990	2,522	2,518
STU/GSM						Recovery	n/a	n/a	n/a	n/a

MD Resources (IEEE Account required)	New Members	SAMIEEE	Reports	Webcasts	MD Kit Ordering	Presentations

	Recruitment Activities	Retention Activities
Nov	<p> Membership Promotion: Individuals who join in November receive <u>14 months</u> of membership for the price of 12. Incorporate message into outreaches.</p> <p> Order Membership Development Kit – for Section and Chapter events and activities next month.</p> <p> Begin shifting focus to renewal. →</p>	<p> Access New Member Roster, and initiate a welcome greeting to new members of your Section.</p> <p> Monitor renewals in your Section via SAMIEEE, and develop action plan for outreaching to past-due members in January.</p> <p>Un-Renewed Member Roster – Members who have not yet renewed for the 2017 membership year, updated daily. Access via SAMIEEE MD folder, pre-defined query, "(MD) 2016 Last Renewal Year for Active Members – Name, Grade, Email</p>
Dec	<p> Focus on renewal activities. →</p>	<p> Draft New Year Message – to thank members in your Section and Society for their contribution to the profession, welcome them to the new calendar year. Review activities and events provided in 2016, and offer a preview of those planned for 2017.</p>



September MD Highlights

IEEE Membership

The 2017 membership year has begun – and with a larger number of members than at this time last year. The last time membership was positive was in 2013. Recruitment gains, specifically higher grade were the main driver. The key this year will be to maintain this larger membership base by providing valuable, engaging opportunities for your members. Increased recruitment is a fantastic thing – more people are seeing some value in joining - but that only represents about 20% of the membership base. The biggest predictor for membership growth is retention. The overall IEEE membership count - and our new, larger renewal opportunity - stands at 396,030, representing a +0.7% year-over-year growth.

Following record recruitment, we have a larger pool of first-year members. The retention rate for this group is much lower than the average (28.7% for first year members versus 70.0% overall) hence it can't be stressed enough that retention will be critical for this larger pool of first year members. Start putting a plan in place to welcome these new members, and get them engaged now, so that when the decision to renew comes around, they can point to a meaningful and rewarding membership experience. Tip: Utilize the new First Year Member Engagement Toolkit and other resources available on the MD portal, www.ieee.org/md.

Congratulations

Special congratulations to the 37 Sections that earned the gold medal of recognition, having met goals for both recruitment and retention in 2016! This represents a 30% increase over 2015. (More detail, page 4.)



Recruitment

Overall recruitment started off the year behind by -3.2%. We saw this same trend last year with recruitment starting off negative but we ultimately grew recruitment +10.9% by year end, and with a starting deficit of -9.2%, a full six percent higher. New exciting programs this year such the gift of membership (www.ieee.org/gift) and an expanded corporate membership pilot (more details forthcoming in Q4) will augment existing efforts, and we are seeing an early bump in member referral activity – all of which point toward a positive forecast come next August.

Worldwide, 117 Sections met their recruitment goals for the 2016 membership year, or close to one-third of all Sections. This represents an increase of 35% over last year. Rolling up to the Region level, Region 8 and 10 had the most significant goal achievement. The 2017 goals are being distributed this month as well, and a Region summary appears on page 5.

See more detail on recruitment, page 7.

➔ The 2017 membership year is underway. Start planning recruitment activities now. New membership collateral for 2017 began shipping to Sections and student branches in August. Links to all MD resources plus communications templates can be found at www.ieee.org/md.

Retention

Renewal outreaches for the 2017 membership year began the first week in October, with paper invoices being mailed to all higher grade, Life Members and Society Affiliates. E-mail outreaches went to all grades, and will continue on a monthly basis through February. The early renewal drawing is once again in effect for all members who renew by 15 November, with the prizes being five (5) Apple Watches.

The auto-renewal process will run the week of 10 October, with approximately 55,000 members set to be renewed. This will have a significant, early impact on retention rates as it has since it was introduced three years ago.



There were 79 Sections worldwide who met or exceeded their retention goal for the 2016 membership year. Last year we had 83, so 5% less this year. However given the overall retention trend this is not unexpected. Region 10 had the most Sections as percentage of the total that met their goals. The 2017 goals are being distributed this month as well, and a Region summary appears on page 5.

➔ **Communicate the value of membership.** The 2017 renewal season is in full swing. Take time to remind your members about the value they get from being a member in your Section. Plan a co-sponsored event with your local student branch. There are many ideas that are easy to implement. Need help or ideas? Contact elyn.perez@ieee.org, or use the templates available on the MD portal, www.ieee.org/md.

See more detail on retention, page 6.

Society Membership

Overall Society memberships are down just -0.2% following a flat year-over-year result last month, following the same trend as overall IEEE membership. As has been reported, Computer Society gains account for about 35% of the total Society membership gains, experiencing tremendous growth especially in Region 10 this year. The introduction of new customized membership bundles based on career stage will hopefully ensure some positive retention for Computer Society going in to 2017.

The top Societies in terms of percentage growth for the 2016 membership year were Power Electronics Society (+7.2%), Social Implications of Technology Society (+6.1%), and Computer Society (+5.0%).

Society membership details begin on page 10.



IEEE Day took place on 4 October 2016 with celebrations taking place worldwide, many in the days and weeks before and after the official date. There were more than 500 official events worldwide. To see the list of events, visit the IEEE Day website, <http://www.ieeeday.org>.

During the week of IEEE Day, a special recruitment incentive was available and brought in 76 new members, 58 of which were from Region 10. The Sections of Delhi, Kerala, Bombay and Beijing were among the most active. Congratulations!

The IEEE Day photo and video contest is currently underway as of the writing of this report. Results will be shared in next month's report.



IEEE Xtreme is a global challenge in which teams of IEEE Student members—advised and proctored by an IEEE member, and often supported by an IEEE Student Branch—compete in a 24-hour time span against each other to solve a set of programming problems. The competition celebrates its tenth anniversary this year!

This year the competition will begin on 22 October 2016 00:00:00 UTC. There are currently more than 2,600 teams (comprised of up to 3 people) that are registered to participate. Visit www.ieee.org/xtreme for more details.



2016 Membership Development Goals



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Special congratulations to the 37 Sections that earned the gold medal of recognition, and met goals for both recruitment and retention! (Listed below.)

Last year we had 28 Sections earn this award. We had a 30% increase this year. That is great news!

Detail on the Section goals and progress are included in the Region level MD reports. These reports are sent via e-mail once monthly. If you are not receiving your region MD report, please contact your Region MD Chair.

For the complete listing of Section goals, visit the MD goals page on the MD portal, www.ieee.org/md.

Year-End Awards

Each Section that meets their goal receives a special recognition in the form of an electronic banner that can be placed on Section websites, in newsletters, and even in e-mail signatures. Banners are distributed to the Section's Membership Development Chair, and/or Section Chair.

These Sections will also be recognized in the MD Monthly report, region level MD reports and on the MD portal, www.ieee.org/md.



Banners include the membership year and Section name in the graphic. A **silver award** will be given in either the recruitment or retention category once met. A **gold medal of recognition** will be given once both goals are met.

At the end of the year, a special gift and certificate of recognition will be mailed to those who earned the gold award. Certificates of recognition will also be mailed to those who earned either silver award.



Region	Section
R1	Rochester Section
R2	Susquehanna Section
R3	Louisville Section East Tennessee Section Richmond Section Virginia Mountain Section Chattanooga Section Eastern North Carolina Section
R4	Cedar Rapids Section
R5	Wichita Section
R6	Hawaii Section Alamogordo-Holloman Section
R7	Saint Maurice Section North Saskatchewan Section
R8	Kuwait Section Ukraine Section Turkey Section Russia Section Belarus Section Russia (Northwest) Section Ghana Section
R9	Argentina Section Peru Section Mexico Section Morelos Section
R10	Vietnam Section Macau Section Karachi Section Bangalore Section Republic of Philippines Sapporo Section Victorian Section Kansai Section Sendai Section Seoul Section Singapore Section Fukuoka Section



Region Membership Goals – 2017 Membership Year

MD goals are created for each individual Section for both recruitment and retention. Below are the Section goals rolled up to the Region level for each channel. In this report, we will track progress to goal on the Region-level. You will find the Section levels goals and progress in your monthly Region MD report.

For 2017 goals, we reviewed five years of history. Each Section has a unique goal based on different dynamics - whether the Section has had growth or decline, as well as the overall size and location of the Section. Note that reinstatement goals are assigned on the Region level only.

Retention	2013 % Renew	2014 Oppty	2014 Renew	2014 YoY	2014 % Renew	2015 Oppty	2015 Renew	2015 YoY	2015 % Renew	2016 Oppty	2016 Renew	2016 YoY	2016 % Renew	2017 % Retention Goal	2017 Retention Growth
R1	83.3%	32,536	26,895	-0.7%	82.7%	31,593	26,011	-0.7%	82.3%	30,688	24,894	-0.7%	81.1%	81.8%	0.7%
R2	82.0%	28,451	23,590	0.9%	82.9%	27,929	22,857	0.9%	81.8%	26,715	21,980	0.9%	82.3%	83.5%	1.2%
R3	79.0%	27,977	22,105	0.0%	79.0%	27,940	21,641	0.0%	77.5%	27,036	21,108	0.0%	78.1%	79.1%	1.0%
R4	80.3%	20,958	16,891	0.3%	80.6%	20,985	16,450	0.3%	78.4%	20,031	15,761	0.3%	78.7%	79.8%	1.1%
R5	80.1%	26,866	21,372	-0.5%	79.6%	26,415	20,868	-0.5%	79.0%	26,227	20,280	-0.5%	77.3%	78.7%	1.4%
R6	81.5%	52,629	42,647	-0.5%	81.0%	51,707	41,640	-0.5%	80.5%	50,886	40,345	-0.5%	79.3%	81.0%	1.7%
R7	77.8%	16,606	12,679	-1.4%	76.4%	16,420	12,360	-1.4%	75.3%	15,930	11,800	-1.4%	74.1%	75.7%	1.6%
R8	70.8%	71,308	50,693	0.2%	71.1%	71,448	49,940	0.2%	69.9%	70,153	48,402	0.2%	69.0%	71.0%	1.8%
R9	52.1%	16,475	8,693	0.7%	52.8%	16,383	8,660	0.7%	52.9%	16,286	8,207	0.7%	50.4%	52.4%	1.7%
R10	53.8%	98,832	51,930	-1.2%	52.5%	97,658	53,065	-1.2%	54.3%	97,349	54,004	-1.2%	55.5%	57.2%	1.9%
Total	71.3%	392,638	277,495	-0.7%	70.7%	388,478	273,492	-0.3%	70.4%	381,301	266,781	-0.4%	70.0%	71.6%	1.6%

Recruitment	2012	2012 YoY	2013	2013 YoY	2014	2014 YoY	2015	2015 YoY	2016	2016 YoY	2017 Recruitment Goal	2017 Recruitment Growth
R1	3,650	-1.1%	3,861	5.8%	3,598	-6.8%	3,550	-1.3%	3,631	2.3%	3,816	5.1%
R2	3,509	-1.0%	3,209	-8.5%	3,230	0.7%	2,870	-11.1%	2,848	-0.8%	3,003	5.4%
R3	4,477	1.5%	4,304	-3.9%	4,416	2.6%	4,109	-7.0%	3,949	-3.9%	4,217	6.8%
R4	3,059	-9.0%	3,136	2.5%	3,228	2.9%	2,906	-10.0%	2,878	-1.0%	3,086	7.2%
R5	3,855	0.3%	3,994	3.6%	3,784	-5.3%	3,909	3.3%	3,605	-7.8%	3,898	8.1%
R6	6,186	2.1%	6,691	8.2%	6,250	-6.6%	6,141	-1.7%	5,833	-5.0%	6,218	6.6%
R7	2,813	11.7%	3,308	17.6%	3,053	-7.7%	2,872	-5.9%	2,622	-8.7%	2,876	9.7%
R8	17,399	0.3%	17,890	2.8%	17,108	-4.4%	16,541	-3.3%	17,152	3.7%	17,240	0.5%
R9	7,261	3.0%	6,764	-6.8%	6,615	-2.2%	6,617	0.0%	6,106	-7.7%	6,535	7.0%
R10	42,205	12.6%	45,187	7.1%	41,000	-9.3%	39,557	-3.5%	50,153	26.8%	51,820	3.3%
Total	94,414	5.7%	98,344	4.2%	92,282	-6.2%	89,072	-3.5%	98,777	10.9%	102,709	4.0%

Reinstatement	2012	2012 YoY	2013	2013 YoY	2014	2014 YoY	2015	2015 YoY	2016	2016 YoY	2017 Reinstatement Goal	2017 Reinstatement Growth
R1	1,192	-4.9%	1,222	2.5%	1,201	-1.7%	1,310	9.1%	1,240	-5.3%	1,302	5.0%
R2	1,053	-6.1%	1,128	7.1%	1,188	5.3%	1,107	-6.8%	1,104	-0.3%	1,159	5.0%
R3	1,123	-0.4%	1,196	6.5%	1,258	5.2%	1,218	-3.2%	1,270	4.3%	1,334	5.0%
R4	757	-9.1%	828	9.4%	921	11.2%	822	-10.7%	870	5.8%	914	5.0%
R5	1,086	-3.3%	1,199	10.4%	1,199	0.0%	1,310	9.3%	1,196	-8.7%	1,256	5.0%
R6	2,223	-1.1%	2,351	5.8%	2,286	-2.8%	2,448	7.1%	2,448	0.0%	2,570	5.0%
R7	663	12.2%	729	10.0%	724	-0.7%	644	-11.0%	661	2.6%	694	5.0%
R8	2,908	10.5%	3,391	16.6%	3,588	5.8%	3,563	-0.7%	4,091	14.8%	4,296	5.0%
R9	845	-2.9%	991	17.3%	1,000	0.9%	1,001	0.1%	1,094	9.3%	1,149	5.0%
R10	2,826	3.6%	3,386	19.8%	4,193	23.8%	4,748	13.2%	5,075	6.9%	5,329	5.0%
Total	14,676	1.0%	16,421	11.9%	17,558	6.9%	18,171	3.5%	19,049	4.8%	20,001	5.0%

Find Section-level goals and progress online at www.ieee.org/md or in your monthly Region MD report.



Membership Retention Update

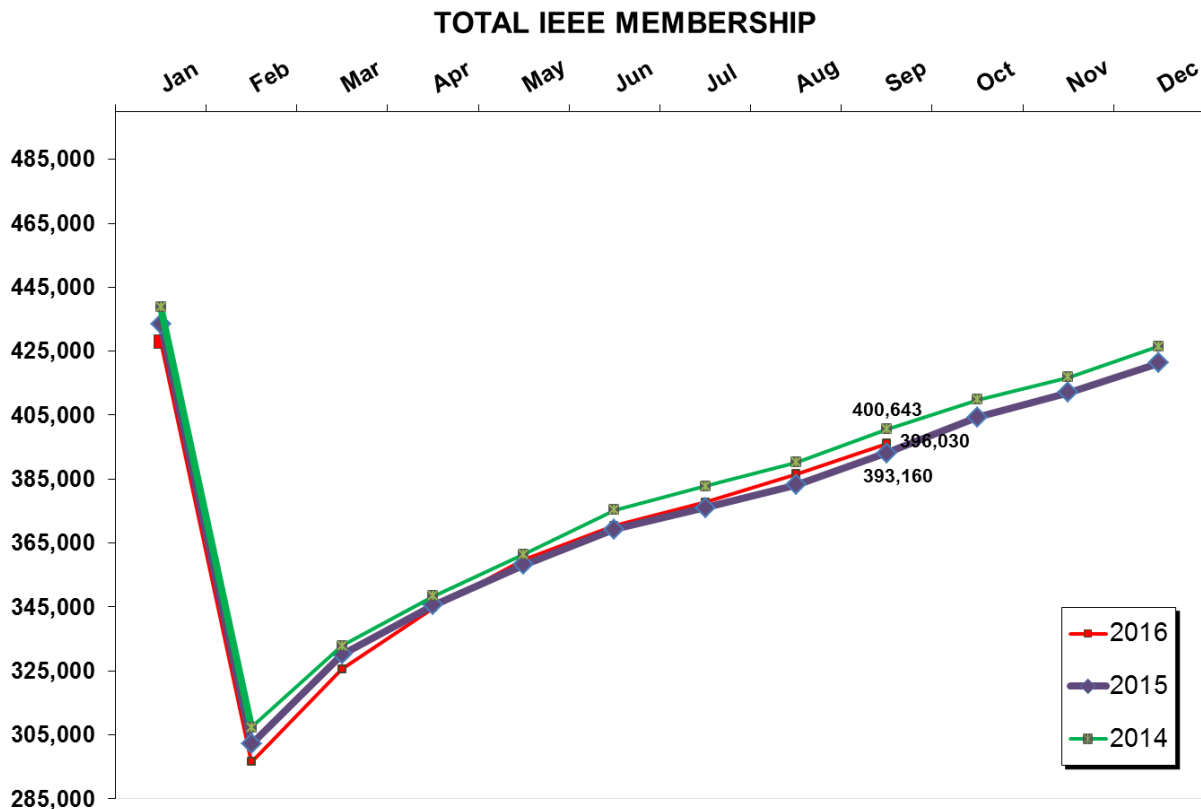
We will resume reporting on retention in the October report (published in November), as the 2017 renewal cycle just kicked off this month. Here is a summary of the programs and outreaches that are starting off the renewal cycle:

- Renewal outreaches began the first week in October, with paper invoices being mailed to all higher grade, Life Members and Affiliates. E-mail outreaches went to all grades, and will continue on a monthly basis through February. The early renewal drawing is once again in effect for all members who renew by 15 November, with the prizes being five (5) Apple Watches.
- The auto-renewal process will run the week of 10 October, with approximately 55,000 members set to be renewed. This will have a significant, early impact on retention rates as it has since it was introduced three years ago.
- A second paper notice will be mailed to all un-renewed higher grade members the last week in November.

2017 Renewal Opportunity

An increase in total membership results in a larger opportunity for renewal in the succeeding membership year. So, even if the membership retention rate remains the same year-over-year, total membership will increase as long as the size of the active membership / renewal opportunity is larger every August.

With this larger pool of members to renew, the challenge for 2017 will be to make every effort to engage and communicate with your members. Increases in recruitment and reinstatement also contribute to growing membership, however renewal is the biggest predictor in membership growth, accounting for about 75% of the membership growth from one year to another.



➡ You can help improve higher grade retention in your Section by promoting Senior Member elevation, or by providing events and content that match your member's needs and interests. Get to know your members – there are pre-defined queries in SAMIEE that can help you do this.

➡ Do you have a first-year member program in place? Need help or ideas? Contact Denise Maestri, d.maestri@ieee.org.



Recruitment Update

Overall recruitment started off the year behind by -3.2%. We saw this same trend last year with recruitment starting off negative, but we ultimately grew recruitment by +10.9%. In addition, we began last year with a recruitment deficit of -9.2%, a full six percent higher. New exciting programs this year such the gift of membership (www.ieee.org/gift) and an expanded corporate membership pilot (more details forthcoming in Q4) will augment existing efforts, and we are seeing an early bump in referral activity (see next page) – all of which point toward a positive forecast come next August. Here is how each of the three categories impacted the overall result:

- **Undergraduate recruitment** down -1.2% year over year
 - Last year at this time: undergraduate recruitment was down -18.5%
- **Graduate student recruitment** is behind -4.1% from last year
 - Last year at this time: graduate student recruitment was ahead by 7.1%
- **Higher Grade recruitment** is down -8.3% year over year
 - Last year at this time: higher grade recruitment was positive +6.7%.

➔ Sections are encouraged to **promote the Member-Get-a-Member referral program** to existing members, especially within the student branches in your Section. Need help or ideas? E-mail elyn.perez@ieee.org.

Cumulative Recruitment - September 2016

REGION	HIGHER GRADE w/o GSMS				GRADUATE STUDENTS				UNDERGRADUATE STUDENTS				TOTAL MEMBERS			
	2016	2015	Change		2016	2015	Change		2016	2015	Change		2016	2015	Change	
			#	%			#	%			#	%			#	%
1	82	83	(1)	-1.2%	121	104	17	16.3%	326	353	(27)	-7.6%	529	540	(11)	-2.0%
2	57	68	(11)	-16.2%	84	91	(7)	-7.7%	156	186	(30)	-16.1%	297	345	(48)	-13.9%
3	71	75	(4)	-5.3%	113	115	(2)	-1.7%	397	340	57	16.8%	581	530	51	9.6%
4	54	62	(8)	-12.9%	95	112	(17)	-15.2%	210	202	8	4.0%	359	376	(17)	-4.5%
5	68	94	(26)	-27.7%	110	79	31	39.2%	364	395	(31)	-7.8%	542	568	(26)	-4.6%
6	159	163	(4)	-2.5%	154	144	10	6.9%	491	298	193	64.8%	804	605	199	32.9%
R 1-6	491	545	(54)	-9.9%	677	645	32	5.0%	1,944	1,774	170	9.6%	3,112	2,964	148	5.0%
7	73	54	19	35.2%	87	83	4	4.8%	142	124	18	14.5%	302	261	41	15.7%
8	254	330	(76)	-23.0%	324	420	(96)	-22.9%	286	328	(42)	-12.8%	864	1,078	(214)	-19.9%
9	76	65	11	16.9%	76	67	9	13.4%	472	428	44	10.3%	624	560	64	11.4%
10	413	431	(18)	-4.2%	754	786	(32)	-4.1%	1,627	1,873	(246)	-13.1%	2,794	3,090	(296)	-9.6%
R 7-10	816	880	(64)	-7.3%	1,241	1,356	(115)	-8.5%	2,527	2,753	(226)	-8.2%	4,584	4,989	(405)	-8.1%
TOTAL	1,307	1,425	(118)	-8.3%	1,918	2,001	(83)	-4.1%	4,471	4,527	(56)	-1.2%	7,696	7,953	(257)	-3.2%

IEEE-USA Recruitment Incentive



In an effort to increase US higher-grade membership, IEEE-USA and MGA have partnered to pilot a campaign building on the existing Member-Get-a-Member program.

Higher-grade members in the US are eligible to submit referrals through a special online form. An automated email invites the referral to join and offers a US\$25 discount on their first year (16 August - 28 February), or to join at the special half year dues rate (1 March – 15 August). For each successful new recruit, the referring member can select an IEEE-USA branded merchandise item including a hat, cooler, backpack, golf balls, pen sets, portable charger, tablet case, umbrella and more.

MGA promotes the program in the monthly Benefits Bulletin, and **Sections and Regions should promote the program on their own website**. For more information on how to do this, contact elyn.perez@ieee.org.

	2016 MY Total	2015 MY Total	2014 MY Total	Program To Date
Referrals Submitted	1,094	941	1,240	3,275
Referrals Joined	475	224	397	1,096
% of Referrals Joined	43.4%	23.8%	32.0%	33.4%
# New US HG Members	377	168	295	840



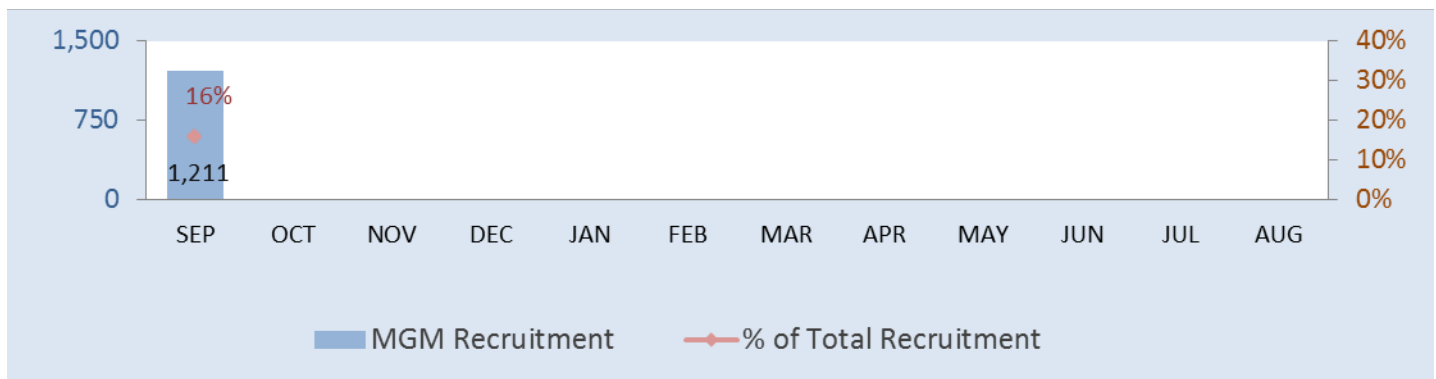


Recruiters of the Month – Member-Get-a-Member (MGM) Program

www.ieee.org/mgm

We are pleased to recognize this month’s top program participants. The IEEE Member-Get-a-Member (MGM) program is popular with student members; accordingly, program results often ebb and flow with the academic school year.

Anees A	R10, Kerala Section	43 new members	Dominic Mathew	R10, Madras Section	14 new members
Shobin Vinod	R10, Kerala Section	32 new members	Tarun Verma	R10, Bangalore Section	13 new members
Sridhar Savadatti	R10, Bangalore Section	30 new members	Gopika G	R10, Kerala Section	13 new members
Aswathy Nair	R10, Kerala Section	22 new members	Tushar Barot	R10, Bombay Section	12 new members
Sruthi Gummadi	R10, Hyderabad Section	21 new members	Ravi Kulageri	R10, Bangalore Section	12 new members
Surabhi Morazha Valappil	R10, Kerala Section	21 new members	Niharika Mittal	R10, Uttar Pradesh Section	12 new members
Divyanshu verma	R10, Delhi Section	21 new members	Prashant Mohta	R10, Bombay Section	11 new members
Pushkar Mutha	R10, Bombay Section	18 new members	Sahaj K	R10, Kerala Section	11 new members
Suyog Pathare	R10, Bombay Section	14 new members	Saurabh Karhadkar	R10, Bombay Section	11 new members



2017 MGM Recruits YTD: 1,211 new members*
Same period last year: 790*
Year-over-year: +53%

**Eligible referrals under the program rules.*

Note on 2016 MGM Awards: MGM awards for the 2016 membership year (recruiting activity from 16 August 2015 to 15 August 2016) were distributed the last week of September 2016 to the e-mail to the address on the member’s record.

Did you know? Your local Section can also benefit by participation in the MGM program.

The top five recruiters in each IEEE geographic region will earn membership development awards for their Section to help underwrite the sections’ local programs and activities. In each region, five awards will be given to the recruiters’ section:

- First Place: US\$500
- Second Place: US\$400
- Third Place: US\$300
- Fourth Place: US\$200
- Fifth Place: US\$100

Overall IEEE award: The overall top recruiter in IEEE earns an additional US\$500 award for his/her Section. Additional rules apply to Section awards. See website for details.

Membership by Region	Sep '16	e-Members are included in the higher-grade counts of Regions 3, 8, 9, and 10.
		Green shading = year-over-year growth >1.0%; Yellow shading = +/- 0.99%; Red shading > (1.0%)

Geographic IEEE Membership Summary - September 2016																
REGION	Higher-Grade w/o GSM				Graduate Students				Undergraduate Students				TOTAL MEMBERS			
	2016	2015	Change		2016	2015	Change		2016	2015	Change		2016	2015	Change	
			#	%			#	%			#	%			#	%
1	26,936	27,929	(993)	-3.6%	1,557	1,652	(95)	-5.8%	1,929	1,916	13	0.7%	30,422	31,497	(1,075)	-3.4%
2	23,491	24,463	(972)	-4.0%	1,409	1,464	(55)	-3.8%	1,399	1,406	(7)	-0.5%	26,299	27,333	(1,034)	-3.8%
3	23,149	23,479	(330)	-1.4%	1,857	1,873	(16)	-0.9%	2,419	2,581	(162)	-6.3%	27,425	27,933	(508)	-1.8%
4	16,899	17,437	(538)	-3.1%	1,576	1,591	(15)	-0.9%	1,471	1,594	(123)	-7.7%	19,946	20,622	(676)	-3.3%
5	22,357	23,181	(824)	-3.6%	1,504	1,503	1	0.1%	1,983	2,385	(402)	-16.9%	25,844	27,069	(1,225)	-4.5%
6	45,015	46,146	(1,131)	-2.5%	2,254	2,553	(299)	-11.7%	3,075	3,313	(238)	-7.2%	50,344	52,012	(1,668)	-3.2%
R 1-6	157,847	162,635	(4,788)	-2.9%	10,157	10,636	(479)	-4.5%	12,276	13,195	(919)	-7.0%	180,280	186,466	(6,186)	-3.3%
7	12,778	13,325	(547)	-4.1%	1,514	1,666	(152)	-9.1%	1,189	1,346	(157)	-11.7%	15,481	16,337	(856)	-5.2%
8	53,880	54,719	(839)	-1.5%	8,894	9,386	(492)	-5.2%	8,049	7,728	321	4.2%	70,823	71,833	(1,010)	-1.4%
9	9,413	10,147	(734)	-7.2%	1,115	1,100	15	1.4%	5,819	5,827	(8)	-0.1%	16,347	17,074	(727)	-4.3%
10	68,115	61,281	6,834	11.2%	13,659	12,491	1,168	9.4%	31,325	27,678	3,647	13.2%	113,099	101,450	11,649	11.5%
R 7-10	144,186	139,472	4,714	3.4%	25,182	24,643	539	2.2%	46,382	42,579	3,803	8.9%	215,750	206,694	9,056	4.4%
TOTAL	302,033	302,107	(74)	0.0%	35,339	35,279	60	0.2%	58,658	55,774	2,884	5.2%	396,030	393,160	2,870	0.7%

- Overall membership remains ahead +0.7% YoY
 - Was +0.9% last month
 - Main drivers: slight declines in the GSM and STU categories
 - Last year ended down -1.9%
- Higher-grade membership is once again flat YoY
 - Last year overall HG was -1.4%
- GSM remains positive +0.2%, leveled off from +0.9% YoY in August
 - Main driver:
 - Last year this time was -4.1%
- STU membership up +5.2% YoY, leveled off from +5.8% last month
 - Last year this time was -3.2%

Society Memberships

Color Key: **Green** shading = year-over-year growth >1.0%; **Yellow** shading = +/- 0.99%; **Red** shading > (1.0%)

IEEE Society Membership Totals as of September 2016																				
SOCIETY / DIVISION	IEEE Higher Grade Members (including GSMs)		Change		IEEE Student Members		Change		Society Affiliates		Change		Society Totals (with affiliates)		Change		Society Totals (without affiliates)		Change	
	2016	2015	#	%	2016	2015	#	%	2016	2015	#	%	2016	2015	#	%	2016	2015	#	%
IEEE Societies																				
DIVISION I																				
Circuits & Systems	9,458	9,082	376	4.1%	417	427	-10	-2.3%	47	42	5	11.9%	9,922	9,551	371	3.9%	9,875	9,509	366	3.8%
Electron Devices	9,572	9,451	121	1.3%	324	352	-28	-8.0%	47	47	0	0.0%	9,943	9,850	93	0.9%	9,896	9,803	93	0.9%
Solid-State Circuits	9,378	9,270	108	1.2%	265	163	102	62.6%	95	104	-9	-8.7%	9,738	9,537	201	2.1%	9,643	9,433	210	2.2%
Div I Subtotal	28,408	27,803	605	2.2%	1,006	942	64	6.8%	189	193	-4	-2.1%	29,603	28,938	665	2.3%	29,414	28,745	669	2.3%
DIVISION II																				
Components, Packaging & Mfg Tech	2,320	2,383	-63	-2.6%	27	47	-20	-42.6%	31	24	7	29.2%	2,378	2,454	-76	-3.1%	2,347	2,430	-83	-3.4%
Dielectrics & Electrical Insulation	2,048	2,066	-18	-0.9%	23	14	9	64.3%	29	26	3	11.5%	2,100	2,106	-6	-0.3%	2,071	2,080	-9	-0.4%
Industry Applications	10,759	10,994	-235	-2.1%	2,117	1,424	693	48.7%	47	45	2	4.4%	12,923	12,463	460	3.7%	12,876	12,418	458	3.7%
Instrumentation & Measurements	3,642	3,854	-212	-5.5%	85	69	16	23.2%	18	16	2	12.5%	3,745	3,939	-194	-4.9%	3,727	3,923	-196	-5.0%
Power Electronics	7,615	7,351	264	3.6%	558	270	288	106.7%	24	29	-5	-17.2%	8,197	7,650	547	7.2%	8,173	7,621	552	7.2%
Ultrasonics, Ferroelectrics, Freq Ctrl	2,193	2,141	52	2.4%	65	42	23	54.8%	45	39	6	15.4%	2,303	2,222	81	3.6%	2,258	2,183	75	3.4%
Div II Subtotal	28,577	28,789	-212	-0.7%	2,875	1,866	1,009	54.1%	194	179	15	8.4%	31,646	30,834	812	2.6%	31,452	30,655	797	2.6%
DIVISION III																				
Communications	27,632	29,136	-1,504	-5.2%	782	776	6	0.8%	409	1,071	-662	-61.8%	28,823	30,983	-2,160	-7.0%	28,414	29,912	-1,498	-5.0%
DIVISION IV																				
Antennas & Propagation	8,192	8,282	-90	-1.1%	195	226	-31	-13.7%	55	44	11	25.0%	8,442	8,552	-110	-1.3%	8,387	8,508	-121	-1.4%
Broadcast Technology	1,577	1,591	-14	-0.9%	49	51	-2	-3.9%	21	21	0	0.0%	1,647	1,663	-16	-1.0%	1,626	1,642	-16	-1.0%
Consumer Electronics	2,761	3,014	-253	-8.4%	132	121	11	9.1%	18	21	-3	-14.3%	2,911	3,156	-245	-7.8%	2,893	3,135	-242	-7.7%
Electromagnetic Compatibility	3,682	3,806	-124	-3.3%	38	46	-8	-17.4%	39	33	6	18.2%	3,759	3,885	-126	-3.2%	3,720	3,852	-132	-3.4%
Magnetics	2,770	2,902	-132	-4.5%	45	58	-13	-22.4%	67	82	-15	-18.3%	2,882	3,042	-160	-5.3%	2,815	2,960	-145	-4.9%
Microwave Theory & Techniques	10,469	10,734	-265	-2.5%	257	243	14	5.8%	28	34	-6	-17.6%	10,754	11,011	-257	-2.3%	10,726	10,977	-251	-2.3%
Nuclear & Plasma Sciences	2,755	2,778	-23	-0.8%	78	54	24	44.4%	43	43	0	0.0%	2,876	2,875	1	0.0%	2,833	2,832	1	0.0%
Div IV Subtotal	32,206	33,107	-901	-2.7%	794	799	-5	-0.6%	271	278	-7	-2.5%	33,271	34,184	-913	-2.7%	33,000	33,906	-906	-2.7%
DIVISION V/VIII																				
Computer	43,891	42,513	1,378	3.2%	3,576	2,697	879	32.6%	7,348	8,285	-937	-11.3%	54,815	53,495	1,320	2.5%	47,467	45,210	2,257	5.0%

Color Key: Green shading = year-over-year growth >1.0%; Yellow shading = +/- 0.99%; Red shading > (1.0%)

IEEE Society Membership Totals as of September 2016																				
SOCIETY / DIVISION	IEEE Higher Grade Members (including GSMs)		Change		IEEE Student Members		Change		Society Affiliates		Change		Society Totals (with affiliates)		Change		Society Totals (without affiliates)		Change	
	2016	2015	#	%	2016	2015	#	%	2016	2015	#	%	2016	2015	#	%	2016	2015	#	%
IEEE Societies																				
DIVISION VI																				
Education	3,139	3,220	-81	-2.5%	60	64	-4	-6.3%	36	39	-3	-7.7%	3,235	3,323	-88	-2.6%	3,199	3,284	-85	-2.6%
Industrial Electronics	6,360	6,083	277	4.6%	241	220	21	9.5%	31	30	1	3.3%	6,632	6,333	299	4.7%	6,601	6,303	298	4.7%
Product Safety Engineering	766	798	-32	-4.0%	36	3	33	1100.0%	13	12	1	8.3%	815	813	2	0.2%	802	801	1	0.1%
Professional Communication	623	679	-56	-8.2%	22	14	8	57.1%	53	50	3	6.0%	698	743	-45	-6.1%	645	693	-48	-6.9%
Reliability	1,633	1,730	-97	-5.6%	10	22	-12	-54.5%	20	26	-6	-23.1%	1,663	1,778	-115	-6.5%	1,643	1,752	-109	-6.2%
Social Implications of Technology	1,424	1,385	39	2.8%	68	21	47	223.8%	18	11	7	63.6%	1,510	1,417	93	6.6%	1,492	1,406	86	6.1%
Technology and Engineering Mgmt	2,750	2,765	-15	-0.5%	62	54	8	14.8%	32	31	1	3.2%	2,844	2,850	-6	-0.2%	2,812	2,819	-7	-0.2%
Div VI Subtotal	16,695	16,660	35	0.2%	499	398	101	25.4%	203	199	4	2.0%	17,397	17,257	140	0.8%	17,194	17,058	136	0.8%
DIVISION VII																				
Power & Energy	29,594	29,151	443	1.5%	4,152	3,631	521	14.3%	386	321	65	20.2%	34,132	33,103	1,029	3.1%	33,746	32,782	964	2.9%
DIVISION IX																				
Aerospace & Electronic Systems	4,317	4,394	-77	-1.8%	199	221	-22	-10.0%	25	24	1	4.2%	4,541	4,639	-98	-2.1%	4,516	4,615	-99	-2.1%
Geoscience & Remote Sensing	3,262	3,279	-17	-0.5%	107	90	17	18.9%	166	201	-35	-17.4%	3,535	3,570	-35	-1.0%	3,369	3,369	0	0.0%
Information Theory	3,087	3,233	-146	-4.5%	67	65	2	3.1%	27	28	-1	-3.6%	3,181	3,326	-145	-4.4%	3,154	3,298	-144	-4.4%
Intelligent Transportation Systems	1,446	1,431	15	1.0%	37	26	11	42.3%	18	26	-8	-30.8%	1,501	1,483	18	1.2%	1,483	1,457	26	1.8%
Oceanic Engineering	1,682	1,748	-66	-3.8%	51	41	10	24.4%	27	23	4	17.4%	1,760	1,812	-52	-2.9%	1,733	1,789	-56	-3.1%
Signal Processing	15,938	17,334	-1,396	-8.1%	879	1,517	-638	-42.1%	165	162	3	1.9%	16,982	19,013	-2,031	-10.7%	16,817	18,851	-2,034	-10.8%
Vehicular Technology	4,057	4,033	24	0.6%	95	109	-14	-12.8%	19	32	-13	-40.6%	4,171	4,174	-3	-0.1%	4,152	4,142	10	0.2%
Div IX Subtotal	33,789	35,452	-1,663	-4.7%	1,435	2,069	-634	-30.6%	447	496	-49	-9.9%	35,671	38,017	-2,346	-6.2%	35,224	37,521	-2,297	-6.1%
DIVISION X																				
Computational Intelligence	6,077	6,661	-584	-8.8%	340	648	-308	-47.5%	80	79	1	1.3%	6,497	7,388	-891	-12.1%	6,417	7,309	-892	-12.2%
Control Systems	8,280	8,650	-370	-4.3%	224	250	-26	-10.4%	78	74	4	5.4%	8,582	8,974	-392	-4.4%	8,504	8,900	-396	-4.4%
Engineering in Medicine & Biology	8,785	8,879	-94	-1.1%	946	1,048	-102	-9.7%	651	497	154	31.0%	10,382	10,424	-42	-0.4%	9,731	9,927	-196	-2.0%
Photonics	5,935	5,743	192	3.3%	92	97	-5	-5.2%	190	163	27	16.6%	6,217	6,003	214	3.6%	6,027	5,840	187	3.2%
Robotics & Automation	10,799	10,578	221	2.1%	2,193	1,839	354	19.2%	131	120	11	9.2%	13,123	12,537	586	4.7%	12,992	12,417	575	4.6%
Systems, Man & Cybernetics	4,212	4,223	-11	-0.3%	124	176	-52	-29.5%	38	39	-1	-2.6%	4,374	4,438	-64	-1.4%	4,336	4,399	-63	-1.4%
Div X Subtotal	44,088	44,734	-646	-1.4%	3,919	4,058	-139	-3.4%	1,168	972	196	20.2%	49,175	49,764	-589	-1.2%	48,007	48,792	-785	-1.6%
TOTAL	284,880	287,345	-2,465	-0.9%	19,038	17,236	1,802	10.5%	10,615	11,994	-1,379	-11.5%	314,533	316,575	-2,042	-0.6%	303,918	304,581	-663	-0.2%



Women in Engineering (WIE)					Sep '16				
Grade	This Month '16	This Month '15	Year-over-Year		Region	This Month '16	This Month '15	Year-over-Year	
			#	%				#	%
Fellow	100	95	5	5.3%	U.S.	3,177	3,194	(17)	-0.5%
Senior Member	719	631	88	13.9%	Canada	388	363	25	6.9%
Member	4487	4146	341	8.2%	Europe, Middle East, Africa	2,656	2,439	217	8.9%
Associate Member	137	156	(19)	-12.2%	Latin America	2,444	2,318	126	5.4%
Graduate Student	1775	1559	216	13.9%	Asia & Pacific	8,733	6,464	2,269	35.1%
Student	10179	8191	1,988	24.3%	Total	17,398	14,778	2,620	17.7%
Total	17,398	14,778	2,620	17.7%					

IEEE Women in Engineering (WIE) membership is only available to IEEE members. WIE membership is free for students, graduate students and life members. Professional members pay a WIE membership fee.

IEEE STANDARDS ASSOCIATION

IEEE Standards Association				Sep '16			
Grade	This Month '16	This Month '15	Year-over-Year				
			#	%			
Student	36	47	(11)	-23.4%			
Higher-Grade	6,214	6,182	32	0.5%			
Affiliate	61	64	(3)	-4.7%			
Total	6,311	6,293	18	0.3%			

IEEE Standards Association members (SA members) may also be IEEE members or Society Affiliates. However IEEE or Society membership is not a requirement to join. These individuals join the Standards Association for the benefit of being able to ballot on standards projects and assume leadership roles within a working group.



Membership in IEEE Young Professionals is automatically given to Graduate Students and higher grade members within 15 years of receiving their first professional degree, and higher grade members beyond 15 years who wish to opt in, at no additional cost.

Geographic IEEE Young Professional Membership - September 2016									
Region	Higher Grade w/o GSM			Total Students			Total		
	2016	2015	% Change	2016	2015	% Change	2016	2015	% Change
1	4,168	4,490	-7.2%	1,492	1,854	-19.5%	5,660	6,139	-7.8%
2	3,568	4,065	-12.2%	1,346	1,639	-17.9%	4,914	5,536	-11.2%
3	4,167	4,647	-10.3%	1,763	2,061	-14.5%	5,930	6,527	-9.1%
4	3,357	3,749	-10.5%	1,501	1,726	-13.0%	4,858	5,339	-9.0%
5	4,152	4,810	-13.7%	1,430	1,679	-14.8%	5,582	6,316	-11.6%
6	7,649	8,423	-9.2%	2,159	2,947	-26.7%	9,808	10,997	-10.8%
R 1-6	27,061	30,184	-10.3%	9,691	11,906	-18.6%	36,752	40,854	-10.0%
7	3,271	3,741	-12.6%	1,440	1,792	-19.6%	4,711	5,410	-12.9%
8	16,983	18,575	-8.6%	8,483	10,284	-17.5%	25,466	28,116	-9.4%
9	3,431	4,072	-15.7%	1,050	1,180	-11.0%	4,481	5,345	-16.2%
10	19,707	20,821	-5.4%	13,118	13,348	-1.7%	32,825	33,840	-3.0%
R 7-10	43,392	47,209	-8.1%	24,091	26,604	-9.4%	67,483	72,711	-7.2%
TOTAL	70,453	77,393	-9.0%	33,782	38,510	-12.3%	104,235	113,565	-8.2%



ETA KAPPA NU
Electrical and Computer Engineering Honor Society

Active IEEE Members that belong to Eta Kappa Nu:

Geographic IEEE HKN Membership - September 2016									
Region	Higher Grade w/o GSM			Total Students			Total		
	2016	2015	% Change	2016	2015	% Change	2016	2015	% Change
1	1,255	1,212	3.5%	480	403	19.1%	1,735	1,615	7.4%
2	1,201	1,179	1.9%	336	364	-7.7%	1,537	1,543	-0.4%
3	1,266	1,196	5.9%	449	492	-8.7%	1,715	1,688	1.6%
4	929	899	3.3%	447	434	3.0%	1,376	1,333	3.2%
5	1,308	1,265	3.4%	432	460	-6.1%	1,740	1,725	0.9%
6	1,635	1,547	5.7%	615	644	-4.5%	2,250	2,191	2.7%
R 1-6	7,594	7,298	4.1%	2,759	2,797	-1.4%	10,353	10,095	2.6%
7	36	36	0.0%	6	11	-45.5%	42	47	-10.6%
8	81	77	5.2%	27	17	58.8%	108	94	14.9%
9	57	59	-3.4%	50	77	-35.1%	107	136	-21.3%
10	126	102	23.5%	80	67	19.4%	206	169	21.9%
R 7-10	300	274	9.5%	163	172	-5.2%	463	446	3.8%
TOTAL	7,894	7,572	4.3%	2,922	2,969	-1.6%	10,816	10,541	2.6%