



MD Monthly – OCTOBER 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		Oct '16	Oct '15	Sep '16	Oct '16 vs. Sep '16	
IEEE Membership	+	3,271	+0.8%	407,594	404,323	396,030	+2.9%
o Honorary	▼	-1	-3.1%	31	32	31	0.0%
o Fellow	▲	111	+1.5%	7,355	7,244	7,367	-0.2%
o Senior Member	▲	1,631	+4.3%	39,693	38,062	39,652	+0.1%
o Member	▼	-1,607	-0.6%	248,425	250,032	247,085	+0.5%
o Associate Member	▼	-557	-6.6%	7,866	8,423	7,898	-0.4%
o Graduate Student	▲	280	+0.7%	38,174	37,894	35,339	+8.0%
o Undergraduate Student	▲	3,414	+5.5%	66,050	62,636	58,658	+12.6%
Society Membership	-	-851	-0.3%	308,749	309,600	303,918	+1.6%
o 13 Societies up > 1%	▲	6,526		Societies Note: Sum of respective gains and losses, with all counts excluding Affiliates. Including Affiliates, total Society memberships are down year-over-year by -2,744 or -0.9%.			
o 7 Societies +/- 1%	▲	-19					
o 19 Societies down > 1%	▼	-7,358					

MD Venue	October - Membership Year To Date									
	'16	'15	'14	'13		'16	'15	'14	'13	
Retention	22.5%	21.7%	19.3%	18.0%		Recruitment	17,639	17,370	16,638	15,929
	86,749	82,620	75,026	70,824		Reinstatement	4,425	4,852	3,950	3,890
Higher-Grade	28.0%	26.3%	23.3%	21.6%		Recovery	n/a	n/a	n/a	n/a
	83,913	78,439	70,682	65,377						
STU/GSM	3.3%	5.0%	5.1%	6.0%						
	2,836	4,181	4,344	5,447						

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

	Recruitment Activities	Retention Activities
Dec	Give priority attention to renewal activities. → → Order Membership Development Kit – for Section and Chapter events and activities next month.	Draft New Year Message – Thank members in your Section and Society for their contribution to the profession, and welcome them to the new calendar year. Review activities and events provided in 2016, and offer a preview of those planned for 2017. Un-Renewed Member Roster – Members who have not yet renewed for the 2016 membership year, updated daily. Access via SAMIEEE MD folder, pre-defined query, "(MD) 2016 Last Renewal Year for Active Members – Name, Grade, Email"
Jan	Give priority attention to renewal activities. → → Order Membership Development Kit – for Section and Chapter events and activities next month.	2 January – HQ sends past-due notice to members who have not renewed their 2017 membership Send New Year Message – Thank members in your Section and Society for their contribution to the profession, and welcome them to the new calendar year. Review activities and events provided in 2016, and offer a preview of those planned for 2017.



October MD Highlights

IEEE Membership

Although it is still early in the membership year, we are well ahead of the benchmark in overall goal progress across all venues – retention, recruitment and reinstatement. As a result, in October overall membership is ahead by +0.8%, following +0.7% last month. We have seen steady growth in membership since May of this year, for the first time since January 2014.

Following record recruitment in 2016, we now 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.

Recruitment

After beginning the 2017 membership year with a recruitment deficit, October activity rallied overall recruitment to a +1.5% year-over-year gain. October student and GSM recruitment was the highest on record for the month (8,782 new students), which is the second year in a row for a record. The IEEEExtreme programming competition continues to grow every year and with it we see increasing recruitment activity. This rebound back to positive territory is encouraging as we ended the 2016 membership year with a rather large recruitment gain of +10.9%.

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. In addition the auto-renewal process successfully completed the second week in October.

Following the first round of renewal outreaches in early October, along with the completion of the automatic renewal process, overall retention rates are ahead of last year by 0.8%. A larger number of automatic renewals accounted for the increase in retention. There were roughly 42,000 members who were automatically renewed during the week of 13 October (compared to 36,000 last year and 31,000 the year before), accounting for close to 50% of the renewal activity year-to-date.

The early renewal drawing deadline is 15 November, and we typically see a big spike in renewal activity leading up to it. In late November, the second paper renewal notice will be mailed to all unrenewed HG members. We will look for another bump in retention in December.

2017 Renewal Opportunity – The Key to Maintaining Membership Growth

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.

➡ **Communicate the value of membership.** With the 2017 renewal season 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 -0.3% year-over-year, following a -0.2% decline last month. Computer Society gains continue to account for about 35% of the total Society membership gains. The introduction of new customized membership bundles based on career stage will hopefully ensure some positive retention for Computer Society going into 2017.

The top Societies in terms of percentage growth for the 2017 membership year were Power Electronics Society (+6.6%), Social Implications of Technology Society (+5.2%), and Computer Society (+5.0%).

Society membership details begin on page 10.



PayPal is Coming!

In December, IEEE will have a PayPal payment option available online!

PayPal will be available for payment of memberships and subscriptions, Society Resource Center sites, and Xplore articles. This added payment flexibility will be something all members can take advantage of, but will especially help members in countries which allow for PayPal transactions, but have restrictions on the use of credit cards for USD transactions.

The PayPal payment option will not include article processing fees and products with recurring charges (like the Member Digital Library).

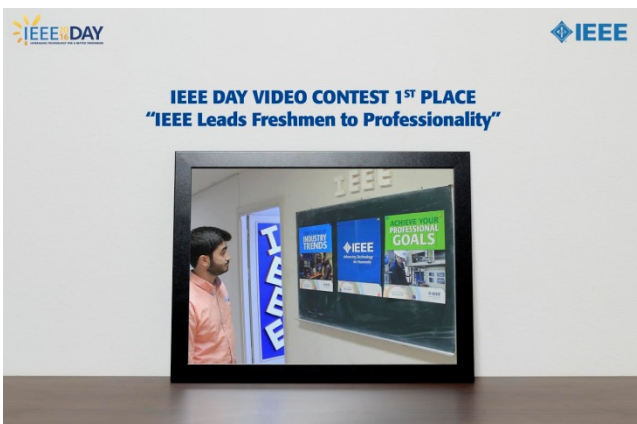
Give the Gift of Membership

Did you know that members and volunteers can give the gift of IEEE membership? Visit www.ieee.org/gift to learn more. There are options to gift both student and professional membership for a friend, colleague or loved one.

It is a unique way to say thank you, congratulations or to get someone started with IEEE – utilize it for staff holiday appreciation gifts, Section recruitment efforts, graduations, birthdays, new jobs, and more.



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. The IEEE Day photo and video contest winners are featured below. You can see more photos and events online at <http://www.ieeeday.org>





2017 Membership Development Goals



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.

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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.



**Outstanding Section Membership
Recruitment and Retention Performance**

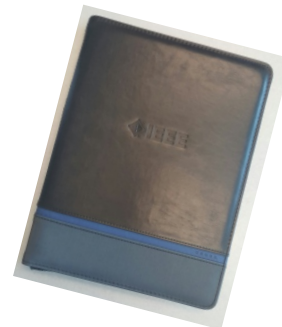
Detail on the Section goals and progress are included in the Region level MD reports. These reports are sent via e-mail once monthly. If you are not receiving your region MD report, please contact your Region MD Chair.

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

Section Recognition 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 Membership Goals – 2017 Membership Year

Below is a summary by Region showing the goal and progress to goal, as of the current month. At two months into the membership year, the percent to goal benchmark is 16% or more.

Retention	2017 % Retention Goal	2017 Retention Growth	2017 YTD Oct	% to Goal
R1	81.8%	0.7%	29.0%	35.4%
R2	83.5%	1.2%	29.9%	35.8%
R3	79.1%	1.0%	27.2%	34.4%
R4	79.8%	1.1%	26.8%	33.6%
R5	78.7%	1.4%	27.7%	35.1%
R6	81.0%	1.7%	29.1%	35.9%
R7	75.7%	1.6%	23.9%	31.5%
R8	71.0%	1.8%	19.5%	27.4%
R9	52.4%	1.7%	11.4%	21.8%
R10	57.2%	1.9%	16.3%	28.4%

Since most retention activity occurs in the first half of the membership year, the high percentages to goal are expected. This should not be viewed as a sign that retention is tracking far ahead. This will start to level off over the coming months.

The goals for retention growth are reflective of the last five years, and are rather aggressive – local efforts are critical to sustain this.

Recruitment	2017 Recruitment Goal	2017 Recruitment Growth	2017 YTD Oct	% to Goal
R1	3,816	5.1%	875	22.9%
R2	2,998	5.3%	563	18.8%
R3	4,217	6.8%	946	22.4%
R4	3,086	7.2%	648	21.0%
R5	3,898	8.1%	888	22.8%
R6	6,218	6.6%	1,500	24.1%
R7	2,876	9.7%	660	22.9%
R8	17,240	0.5%	3,154	18.3%
R9	6,535	7.0%	1,185	18.1%
R10	45,545	-9.2%	7,220	15.9%
Total	96,429	-2.4%	17,639	18.3%

All Regions are tracking above goal at two months into the membership year. Region 1 has the highest progress to goal so far.

Word of mouth is the most effective sales tool. Promote the Member-Get-a-Member program to your members.
www.ieee.org/mgm

Reinstatement	2017 Reinstatement Goal	2017 Reinstatement Growth	2017 YTD Oct	% to Goal
R1	1,302	5.0%	294	22.6%
R2	1,159	5.0%	219	18.9%
R3	1,334	5.0%	307	23.0%
R4	914	5.0%	197	21.6%
R5	1,256	5.0%	304	24.2%
R6	2,570	5.0%	502	19.5%
R7	694	5.0%	190	27.4%
R8	4,296	5.0%	938	21.8%
R9	1,149	5.0%	337	29.3%
R10	5,329	5.0%	1,137	21.3%
Total	20,001	5.0%	4,425	22.1%

All Regions are tracking above goal at two months into the membership year.

Former members are a ripe pool of candidates to outreach to – and each year that pool grows.

Focus on sustaining reinstatement growth by regularly outreaching to them and/or inviting them to events.

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



Membership Retention Update

Following the first round of renewal outreaches in early October, along with the completion of the automatic renewal process, overall retention rates are ahead of last year by 0.8%. A larger number of automatic renewals accounted for the increase in retention. There were roughly 42,000 members who were automatically renewed during the week of 13 October (compared to 36,000 last year and 31,000 the year before), accounting for close to 50% of the renewal activity year-to-date.

Overall HG retention is ahead by +1.7%. All Regions have positive gains. Although first-year members renew at a lower rate than tenured members, we are also seeing positive year-over-year retention gains there as well, ahead by +1.0%.

Students are not eligible for auto-renewal, and so the retention in these categories is not reflecting the same growth. GSM retention is actually behind by a large margin (-3.1%), compared to undergraduate retention with a gap of -0.8%. However it is interesting to note that it is not first year students that are driving this early trend. First year undergraduate retention is even with where it was at this time last year, and graduate student retention is behind by a smaller margin, -1.4%.

The early renewal drawing deadline is 15 November, and we typically see a big spike in renewal activity leading up to it. In late November, the second paper renewal notice will be mailed to all unrenewed HG members. We will look for another bump in retention in December.

IEEE Membership Renewal / Retention - October 2016

REGION	HIGHER GRADE w/o GSM				GRADUATE STUDENTS				UNDERGRADUATE STUDENTS				TOTAL MEMBERS			
	Opportunity	Renewal			Opportunity	Renewal			Opportunity	Renewal			Opportunity	Renewal		
		#	%, '17	%, '16		#	%, '17	%, '16		#	%, '17	%, '16		#	%, '17	%, '16
1	26,798	8,438	31.5%	28.6%	1,390	76	5.5%	9.4%	1,519	100	6.6%	6.7%	29,707	8,614	29.0%	26.6%
2	23,419	7,578	32.4%	28.8%	1,277	83	6.5%	10.7%	1,211	81	6.7%	10.8%	25,907	7,742	29.9%	27.2%
3	22,991	6,987	30.4%	28.4%	1,661	110	6.6%	11.1%	1,909	128	6.7%	7.3%	26,561	7,225	27.2%	25.6%
4	16,831	5,034	29.9%	27.3%	1,428	85	6.0%	9.7%	1,218	98	8.0%	9.1%	19,477	5,217	26.8%	24.8%
5	22,207	6,719	30.3%	27.9%	1,338	94	7.0%	10.6%	1,524	119	7.8%	7.6%	25,069	6,932	27.7%	25.5%
6	44,625	14,007	31.4%	28.7%	2,020	114	5.6%	9.7%	2,481	177	7.1%	8.0%	49,126	14,298	29.1%	26.6%
R 1-6	156,871	48,763	31.1%	28.4%	9,114	562	6.2%	10.2%	9,862	703	7.1%	8.0%	175,847	50,028	28.4%	26.2%
7	12,674	3,435	27.1%	24.4%	1,379	91	6.6%	10.0%	1,023	73	7.1%	6.8%	15,076	3,599	23.9%	21.7%
8	53,467	12,828	24.0%	22.4%	8,347	479	5.7%	8.8%	7,685	218	2.8%	3.6%	69,499	13,525	19.5%	18.7%
9	9,267	1,668	18.0%	16.3%	1,007	39	3.9%	7.0%	5,237	64	1.2%	2.6%	15,511	1,771	11.4%	11.3%
10	67,449	17,219	25.5%	26.2%	12,652	397	3.1%	5.1%	29,510	210	0.7%	0.9%	109,611	17,826	16.3%	17.1%
R 7-10	142,857	35,150	24.6%	23.8%	23,385	1,006	4.3%	6.9%	43,455	565	1.3%	1.8%	209,697	36,721	17.5%	17.5%
TOTAL	299,728	83,913	28.0%	26.3%	32,499	1,568	4.8%	7.9%	53,317	1,268	2.4%	3.2%	385,544	86,749	22.5%	21.7%

➡ 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.

First-Year Member Renewal / Retention - October 2016

REGION	HIGHER GRADE w/o GSM				GRADUATE STUDENTS				UNDERGRADUATE STUDENTS				TOTAL MEMBERS			
	Opportunity	Renewal			Opportunity	Renewal			Opportunity	Renewal			Opportunity	Renewal		
		#	%, '17	%, '16		#	%, '17	%, '16		#	%, '17	%, '16		#	%, '17	%, '16
1	1,777	257	14.5%	12.5%	641	14	2.2%	4.8%	1,204	64	5.3%	4.7%	3,622	335	9.2%	8.6%
2	1,460	202	13.8%	12.5%	561	17	3.0%	6.0%	895	36	4.0%	6.0%	2,916	255	8.7%	9.5%
3	1,787	272	15.2%	12.1%	741	29	3.9%	5.4%	1,472	70	4.8%	4.1%	4,000	371	9.3%	7.9%
4	1,311	165	12.6%	11.6%	669	29	4.3%	6.1%	925	65	7.0%	6.3%	2,905	259	8.9%	8.6%
5	1,840	289	15.7%	13.0%	579	34	5.9%	4.5%	1,187	79	6.7%	3.3%	3,606	402	11.1%	8.1%
6	3,083	515	16.7%	12.7%	885	18	2.0%	5.8%	1,887	111	5.9%	4.6%	5,855	644	11.0%	8.8%
R 1-6	11,258	1,700	15.1%	12.5%	4,076	141	3.5%	5.5%	7,570	425	5.6%	4.6%	22,904	2,266	9.9%	8.6%
7	1,305	159	12.2%	11.6%	612	25	4.1%	5.4%	717	43	6.0%	4.5%	2,634	227	8.6%	8.1%
8	6,579	664	10.1%	10.3%	4,303	142	3.3%	5.1%	6,038	135	2.2%	2.4%	16,920	941	5.6%	6.2%
9	1,633	127	7.8%	6.7%	497	19	3.8%	3.3%	4,033	36	0.9%	1.5%	6,163	182	3.0%	3.2%
10	16,720	1,712	10.2%	9.4%	8,403	162	1.9%	2.6%	25,085	128	0.5%	0.5%	50,208	2,002	4.0%	3.3%
R 7-10	26,237	2,662	10.1%	9.6%	13,815	348	2.5%	3.6%	35,873	342	1.0%	1.1%	75,925	3,352	4.4%	4.2%
TOTAL	37,495	4,362	11.6%	10.6%	17,891	489	2.7%	4.1%	43,443	767	1.8%	1.8%	98,829	5,618	5.7%	5.4%

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

Recruitment Update

After beginning the year with a recruitment deficit, October activity rallied overall recruitment to a +1.5% year-over-year gain. October student and GSM recruitment was the highest on record for the month (8,782 new students), which is the second year in a row for a record. The IEEEExtreme programming competition continues to grow every year and with it we see increasing recruitment activity. Here is how each of the three categories impacted the overall result:

- **Undergraduate recruitment** is up +3.8% year over year
 - Last year at this time: undergraduate recruitment was +5.2%
 - Main driver: Growth in regions 8 and 10, the regions with the most participation in IEEEExtreme
- **Graduate student recruitment** is ahead +4.7% of last year
 - Last year at this time: graduate student recruitment was behind -2.0%
 - Main driver: Significant growth in Region 10
- **Higher Grade recruitment** is down -11.5% year over year
 - Last year at this time: higher grade recruitment was positive +10.7%
 - In all regions, greater deficits or reduced gains

➔ 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 - October 2016

REGION	HIGHER GRADE w/o GSMs				GRADUATE STUDENTS				UNDERGRADUATE STUDENTS				TOTAL MEMBERS			
	2016		2015		2016		2015		2016		2015		2016		2015	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%		
1	156	163	(7)	-4.3%	178	191	(13)	-6.8%	541	619	(78)	-12.6%	875	973	(98)	-10.1%
2	116	133	(17)	-12.8%	134	151	(17)	-11.3%	313	323	(10)	-3.1%	563	607	(44)	-7.2%
3	116	147	(31)	-21.1%	189	200	(11)	-5.5%	641	653	(12)	-1.8%	946	1,000	(54)	-5.4%
4	101	112	(11)	-9.8%	160	188	(28)	-14.9%	387	395	(8)	-2.0%	648	695	(47)	-6.8%
5	138	194	(56)	-28.9%	172	151	21	13.9%	578	590	(12)	-2.0%	888	935	(47)	-5.0%
6	300	303	(3)	-1.0%	248	249	(1)	-0.4%	952	842	110	13.1%	1,500	1,394	106	7.6%
R 1-6	927	1,052	(125)	-11.9%	1,081	1,130	(49)	-4.3%	3,412	3,422	(10)	-0.3%	5,420	5,604	(184)	-3.3%
7	123	118	5	4.2%	168	157	11	7.0%	369	334	35	10.5%	660	609	51	8.4%
8	482	546	(64)	-11.7%	689	885	(196)	-22.1%	1,983	1,788	195	10.9%	3,154	3,219	(65)	-2.0%
9	141	139	2	1.4%	138	114	24	21.1%	906	820	86	10.5%	1,185	1,073	112	10.4%
10	795	934	(139)	-14.9%	1,777	1,395	382	27.4%	4,648	4,536	112	2.5%	7,220	6,865	355	5.2%
R 7-10	1,541	1,737	(196)	-11.3%	2,772	2,551	221	8.7%	7,906	7,478	428	5.7%	12,219	11,766	453	3.9%
TOTAL	2,468	2,789	(321)	-11.5%	3,853	3,681	172	4.7%	11,318	10,900	418	3.8%	17,639	17,370	269	1.5%

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



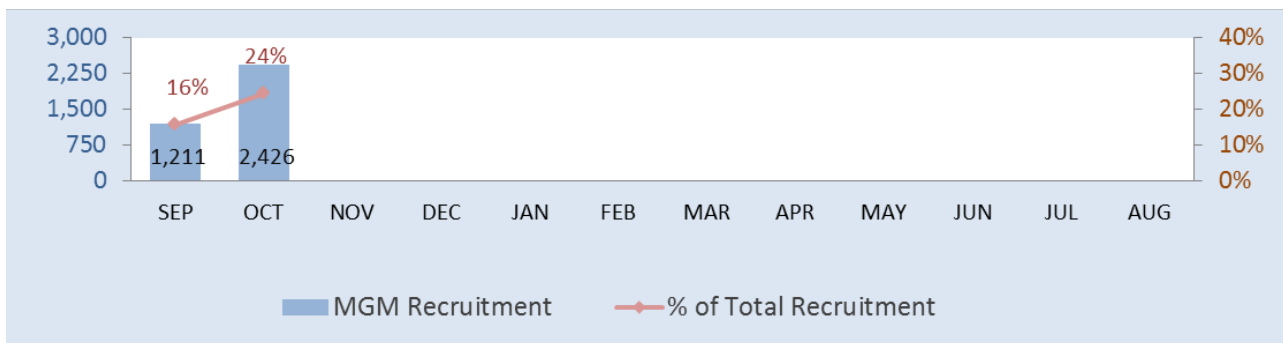


Recruiters of the Month – Member-Get-a-Member (MGM) Program

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.

Emna Chelly	R8, Tunisia Section	71 new members	Osama Hnini	R8, Reg 8-Countries Outside Sections	15 new members
Varsha Singh	R10, Bombay Section	64 new members	Vigyan Jain	R10, Delhi Section	14 new members
Roy Rajha	R8, Lebanon Section	40 new members	Akanksha Thareja	R10, Delhi Section	14 new members
Shreya Choubey	R10, Bombay Section	35 new members	Gaurav Rana	R10, Delhi Section	14 new members
Narasimhulu V	R10, Hyderabad Section	34 new members	Sunil Alagundi	R10, Bangalore Section	14 new members
Arun M	R10, Kerala Section	29 new members	Akshay Sood	R10, Delhi Section	14 new members
Laith Shamlawi	R8, Jordan Section	29 new members	Adhiraj Chandel	R10, Delhi Section	14 new members
Osama Al-Momani	R8, Jordan Section	28 new members	Dinusha Nawarathne	R10, Sri Lanka Section	14 new members
Michelle Fares	R8, Lebanon Section	28 new members	Udara Nanayakkara	R10, Sri Lanka Section	13 new members
Mouna Tayehi	R8, Tunisia Section	24 new members	Hassen Besbes	R8, Tunisia Section	13 new members
Sarah Wanjohi	R8, Kenya Section	23 new members	Devesh Singhal	R10, Delhi Section	13 new members
Arjun Prakash	R10, Kerala Section	23 new members	Karan Nijhawan	R10, Delhi Section	12 new members
Murad Mohammad	R10, Delhi Section	22 new members	Bhagya Shree D	R10, Kerala Section	12 new members
Farrah Al Hudairi	R8, Reg 8-Countries Outside Sections	19 new members	Vishnu Prasad S	R10, Kerala Section R10, Bangalore Section	12 new members
Klara Eleutheriadi	R8, Greece Section	19 new members	Sridhar Savadatti	R10, Bangalore Section	12 new members
Jiby Krishna	R10, Kerala Section	19 new members	Issa Mansour	R8, Tunisia Section R10, Bangladesh Section	11 new members
Akshay M S	R10, Kerala Section	19 new members	Wordh Hasan	R8, Reg 8-Countries Outside Sections	11 new members
Zameel Ihsan N.P	R10, Kerala Section	18 new members	Adly Mousa	R10, Kerala Section	11 new members
Hammam Albitar	R8, Jordan Section	18 new members	Fayyaz E	R10, Kerala Section	11 new members
Midhun C	R10, Kerala Section	17 new members	Akshay Bharath	R10, Kerala Section	10 new members
Sidharth Pattathari	R10, Kerala Section	17 new members	Naceur M. Bouhamed	R8, Tunisia Section	10 new members
Surabhi Morazha	R10, Kerala Section	17 new members	Haritha	R10, Kerala Section	10 new members
Valappil	R10, Kerala Section	17 new members	Radhakrishan	R7, South Saskatchewan Section	10 new members
Hend Challouf	R8, Tunisia Section	17 new members	Logan Markewich	R8, Tunisia Section	10 new members
Rohith Kalarikkal	R10, Kerala Section	17 new members	Cyrine Chenaoui	R8, Tunisia Section	10 new members
Safwan Taleb	R8, Tunisia Section	16 new members			



2017 MGM Recruits YTD: 3,637 new members*
Same period last year: 2,816*
Year-over-year: +29%

**Eligible referrals under the program rules.*

Membership by Region	Oct '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 - October 2016																
REGION	Higher-Grade w/o GSM				Graduate Students				Undergraduate Students				TOTAL MEMBERS			
	2016	2015	Change		2016	2015	Change		2016	2015	Change		2016	2015	#	%
			#	%			#	%			#	%				
1	27,037	28,016	(979)	-3.5%	1,658	1,788	(130)	-7.3%	2,165	2,197	(32)	-1.5%	30,860	32,001	(1,141)	-3.6%
2	23,492	24,498	(1,006)	-4.1%	1,504	1,580	(76)	-4.8%	1,575	1,552	23	1.5%	26,571	27,630	(1,059)	-3.8%
3	23,178	23,618	(440)	-1.9%	1,985	2,018	(33)	-1.6%	2,675	2,919	(244)	-8.4%	27,838	28,555	(717)	-2.5%
4	16,935	17,498	(563)	-3.2%	1,686	1,711	(25)	-1.5%	1,665	1,811	(146)	-8.1%	20,286	21,020	(734)	-3.5%
5	22,439	23,309	(870)	-3.7%	1,618	1,629	(11)	-0.7%	2,222	2,601	(379)	-14.6%	26,279	27,539	(1,260)	-4.6%
6	45,340	46,454	(1,114)	-2.4%	2,424	2,726	(302)	-11.1%	3,577	3,903	(326)	-8.4%	51,341	53,083	(1,742)	-3.3%
R 1-6	158,421	163,393	(4,972)	-3.0%	10,875	11,452	(577)	-5.0%	13,879	14,983	(1,104)	-7.4%	183,175	189,828	(6,653)	-3.5%
7	12,801	13,364	(563)	-4.2%	1,660	1,810	(150)	-8.3%	1,446	1,575	(129)	-8.2%	15,907	16,749	(842)	-5.0%
8	54,047	54,910	(863)	-1.6%	9,532	10,157	(625)	-6.2%	9,940	9,337	603	6.5%	73,519	74,404	(885)	-1.2%
9	9,499	10,245	(746)	-7.3%	1,211	1,170	41	3.5%	6,342	6,286	56	0.9%	17,052	17,701	(649)	-3.7%
10	68,602	61,881	6,721	10.9%	14,896	13,305	1,591	12.0%	34,443	30,455	3,988	13.1%	117,941	105,641	12,300	11.6%
R 7-10	144,949	140,400	4,549	3.2%	27,299	26,442	857	3.2%	52,171	47,653	4,518	9.5%	224,419	214,495	9,924	4.6%
TOTAL	303,370	303,793	(423)	-0.1%	38,174	37,894	280	0.7%	66,050	62,636	3,414	5.5%	407,594	404,323	3,271	0.8%

- Overall membership is ahead +0.8% YoY
 - Was +0.7% last month
 - Main drivers: Strong recruitment in GSM and Undergraduate
 - Last year ended down -1.3%
- Higher-grade membership is down one tenth, was flat YoY last two months
 - R10 gains continue to level off, other regions are flat
 - Last year overall HG was -1.1%
- GSM grade is positive +0.7%, growing from +0.2% last month
 - Main driver: Continued growth in Regions 9 and 10, decreasing gaps in Regions 7 and 8
 - Last year this time was -6.1%
- STU membership is up +5.5% YoY, growing from +5.2% last month
 - Main driver: Continued growth in Regions 8 and 9, decreasing gap in Region 7
 - Last year this time was +0.6%

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 October 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	9,568	9,226	342	3.7%	443	454	-11	-2.4%	49	47	2	4.3%	10,060	9,727	333	3.4%	10,011	9,680	331	3.4%
Electron Devices	9,671	9,532	139	1.5%	336	361	-25	-6.9%	50	50	0	0.0%	10,057	9,943	114	1.1%	10,007	9,893	114	1.2%
Solid-State Circuits	9,474	9,372	102	1.1%	273	176	97	55.1%	95	105	-10	-9.5%	9,842	9,653	189	2.0%	9,747	9,548	199	2.1%
Div I Subtotal	28,713	28,130	583	2.1%	1,052	991	61	6.2%	194	202	-8	-4.0%	29,959	29,323	636	2.2%	29,765	29,121	644	2.2%
DIVISION II																				
Components, Packaging & Mfg Tech	2,350	2,407	-57	-2.4%	29	49	-20	-40.8%	32	27	5	18.5%	2,411	2,483	-72	-2.9%	2,379	2,456	-77	-3.1%
Dielectrics & Electrical Insulation	2,066	2,090	-24	-1.1%	24	14	10	71.4%	29	26	3	11.5%	2,119	2,130	-11	-0.5%	2,090	2,104	-14	-0.7%
Industry Applications	10,908	11,105	-197	-1.8%	2,290	1,502	788	52.5%	47	47	0	0.0%	13,245	12,654	591	4.7%	13,198	12,607	591	4.7%
Instrumentation & Measurements	3,680	3,915	-235	-6.0%	86	78	8	10.3%	20	15	5	33.3%	3,786	4,008	-222	-5.5%	3,766	3,993	-227	-5.7%
Power Electronics	7,703	7,458	245	3.3%	571	306	265	86.6%	27	29	-2	-6.9%	8,301	7,793	508	6.5%	8,274	7,764	510	6.6%
Ultrasonics, Ferroelectrics, Freq Ctrl	2,207	2,162	45	2.1%	67	44	23	52.3%	46	40	6	15.0%	2,320	2,246	74	3.3%	2,274	2,206	68	3.1%
Div II Subtotal	28,914	29,137	-223	-0.8%	3,067	1,993	1,074	53.9%	201	184	17	9.2%	32,182	31,314	868	2.8%	31,981	31,130	851	2.7%
DIVISION III																				
Communications	27,837	29,351	-1,514	-5.2%	821	806	15	1.9%	421	1,075	-654	-60.8%	29,079	31,232	-2,153	-6.9%	28,658	30,157	-1,499	-5.0%
DIVISION IV																	0			
Antennas & Propagation	8,301	8,375	-74	-0.9%	210	242	-32	-13.2%	57	49	8	16.3%	8,568	8,666	-98	-1.1%	8,511	8,617	-106	-1.2%
Broadcast Technology	1,594	1,611	-17	-1.1%	53	51	2	3.9%	25	20	5	25.0%	1,672	1,682	-10	-0.6%	1,647	1,662	-15	-0.9%
Consumer Electronics	2,800	3,068	-268	-8.7%	136	133	3	2.3%	18	21	-3	-14.3%	2,954	3,222	-268	-8.3%	2,936	3,201	-265	-8.3%
Electromagnetic Compatibility	3,712	3,844	-132	-3.4%	38	45	-7	-15.6%	39	33	6	18.2%	3,789	3,922	-133	-3.4%	3,750	3,889	-139	-3.6%
Magnetics	2,800	2,954	-154	-5.2%	50	66	-16	-24.2%	67	83	-16	-19.3%	2,917	3,103	-186	-6.0%	2,850	3,020	-170	-5.6%
Microwave Theory & Techniques	10,560	10,846	-286	-2.6%	268	271	-3	-1.1%	29	35	-6	-17.1%	10,857	11,152	-295	-2.6%	10,828	11,117	-289	-2.6%
Nuclear & Plasma Sciences	2,783	2,803	-20	-0.7%	81	55	26	47.3%	45	45	0	0.0%	2,909	2,903	6	0.2%	2,864	2,858	6	0.2%
Div IV Subtotal	32,550	33,501	-951	-2.8%	836	863	-27	-3.1%	280	286	-6	-2.1%	33,666	34,650	-984	-2.8%	33,386	34,364	-978	-2.8%
DIVISION V/VIII																				
Computer	44,205	42,893	1,312	3.1%	3,954	2,994	960	32.1%	7,399	8,395	-996	-11.9%	55,558	54,282	1,276	2.4%	48,159	45,887	2,272	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 October 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	3,194	3,266	-72	-2.2%	64	86	-22	-25.6%	36	40	-4	-10.0%	3,294	3,392	-98	-2.9%	3,258	3,352	-94	-2.8%
Industrial Electronics	6,438	6,159	279	4.5%	250	224	26	11.6%	34	30	4	13.3%	6,722	6,413	309	4.8%	6,688	6,383	305	4.8%
Product Safety Engineering	779	808	-29	-3.6%	37	3	34	1133.3%	13	12	1	8.3%	829	823	6	0.7%	816	811	5	0.6%
Professional Communication	634	693	-59	-8.5%	23	14	9	64.3%	55	49	6	12.2%	712	756	-44	-5.8%	657	707	-50	-7.1%
Reliability	1,654	1,764	-110	-6.2%	12	26	-14	-53.8%	20	25	-5	-20.0%	1,686	1,815	-129	-7.1%	1,666	1,790	-124	-6.9%
Social Implications of Technology	1,444	1,410	34	2.4%	68	27	41	151.9%	22	12	10	83.3%	1,534	1,449	85	5.9%	1,512	1,437	75	5.2%
Technology and Engineering Management	2,809	2,832	-23	-0.8%	69	55	14	25.5%	34	33	1	3.0%	2,912	2,920	-8	-0.3%	2,878	2,887	-9	-0.3%
Div VI Subtotal	16,952	16,932	20	0.1%	523	435	88	20.2%	214	201	13	6.5%	17,689	17,568	121	0.7%	17,475	17,367	108	0.6%
DIVISION VII																				
Power & Energy	30,038	29,492	546	1.9%	4,672	3,890	782	20.1%	399	331	68	20.5%	35,109	33,713	1,396	4.1%	34,710	33,382	1,328	4.0%
DIVISION IX																				
Aerospace & Electronic Systems	4,374	4,459	-85	-1.9%	214	237	-23	-9.7%	26	25	1	4.0%	4,614	4,721	-107	-2.3%	4,588	4,696	-108	-2.3%
Geoscience & Remote Sensing	3,299	3,325	-26	-0.8%	113	96	17	17.7%	167	202	-35	-17.3%	3,579	3,623	-44	-1.2%	3,412	3,421	-9	-0.3%
Information Theory	3,123	3,264	-141	-4.3%	71	68	3	4.4%	28	29	-1	-3.4%	3,222	3,361	-139	-4.1%	3,194	3,332	-138	-4.1%
Intelligent Transportation Systems	1,481	1,459	22	1.5%	41	31	10	32.3%	19	25	-6	-24.0%	1,541	1,515	26	1.7%	1,522	1,490	32	2.1%
Oceanic Engineering	1,697	1,767	-70	-4.0%	52	45	7	15.6%	28	24	4	16.7%	1,777	1,836	-59	-3.2%	1,749	1,812	-63	-3.5%
Signal Processing	16,081	17,494	-1,413	-8.1%	905	1,550	-645	-41.6%	172	165	7	4.2%	17,158	19,209	-2,051	-10.7%	16,986	19,044	-2,058	-10.8%
Vehicular Technology	4,121	4,097	24	0.6%	105	112	-7	-6.3%	20	32	-12	-37.5%	4,246	4,241	5	0.1%	4,226	4,209	17	0.4%
Div IX Subtotal	34,176	35,865	-1,689	-4.7%	1,501	2,139	-638	-29.8%	460	502	-42	-8.4%	36,137	38,506	-2,369	-6.2%	35,677	38,004	-2,327	-6.1%
DIVISION X																				
Computational Intelligence	6,215	6,789	-574	-8.5%	372	673	-301	-44.7%	81	82	-1	-1.2%	6,668	7,544	-876	-11.6%	6,587	7,462	-875	-11.7%
Control Systems	8,391	8,762	-371	-4.2%	241	272	-31	-11.4%	79	75	4	5.3%	8,711	9,109	-398	-4.4%	8,632	9,034	-402	-4.4%
Engineering in Medicine & Biology	8,882	9,047	-165	-1.8%	1,034	1,467	-433	-29.5%	658	974	-316	-32.4%	10,574	11,488	-914	-8.0%	9,916	10,514	-598	-5.7%
Photonics	5,987	5,799	188	3.2%	96	100	-4	-4.0%	194	169	25	14.8%	6,277	6,068	209	3.4%	6,083	5,899	184	3.1%
Robotics & Automation	10,978	10,774	204	1.9%	2,331	2,018	313	15.5%	134	128	6	4.7%	13,443	12,920	523	4.0%	13,309	12,792	517	4.0%
Systems, Man & Cybernetics	4,277	4,302	-25	-0.6%	134	185	-51	-27.6%	39	42	-3	-7.1%	4,450	4,529	-79	-1.7%	4,411	4,487	-76	-1.7%
Div X Subtotal	44,730	45,473	-743	-1.6%	4,208	4,715	-507	-10.8%	1,185	1,470	-285	-19.4%	50,123	51,658	-1,535	-3.0%	48,938	50,188	-1,250	-2.5%
TOTAL	288,115	290,774	-2,659	-0.9%	20,634	18,826	1,808	9.6%	10,753	12,646	-1,893	-15.0%	319,502	322,246	-2,744	-0.9%	308,749	309,600	-851	-0.3%



Women in Engineering (WIE)					Oct '16				
Grade	This Month '16	This Month '15	Year-over-Year		Region	This Month '16	This Month '15	Year-over-Year	
			#	%				#	%
Fellow	102	96	6	6.3%	U.S.	3,273	3,317	(44)	-1.3%
Senior Member	727	649	78	12.0%	Canada	404	377	27	7.2%
Member	4493	4147	346	8.3%	Europe, Middle East, Africa	2,901	2,654	247	9.3%
Associate Member	135	153	(18)	-11.8%	Latin America	2,563	2,434	129	5.3%
Graduate Student	1886	1697	189	11.1%	Asia & Pacific	9,457	7,058	2,399	34.0%
Student	11254	9097	2,157	23.7%	Total	18,598	15,840	2,758	17.4%
Total	18,598	15,840	2,758	17.4%					

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				Oct '16					
Grade	This Month '16	This Month '15	Year-over-Year		Grade	This Month '16	This Month '15	Year-over-Year	
			#	%				#	%
Student	36	50	(14)	-28.0%	Student	36	50	(14)	-28.0%
Higher-Grade	6,265	6,220	45	0.7%	Higher-Grade	6,265	6,220	45	0.7%
Affiliate	61	66	(5)	-7.6%	Affiliate	61	66	(5)	-7.6%
Total	6,362	6,336	26	0.4%	Total	6,362	6,336	26	0.4%

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 Professionals Membership - October 2016									
Region	Higher Grade w/o GSM			Students			Total		
	2016	2015	% change	2016	2015	% change	2016	2015	% change
1	4,171	4,484	-7.0%	1,600	1,773	-9.8%	5,771	6,257	-7.8%
2	3,534	4,044	-12.6%	1,447	1,574	-8.1%	4,981	5,618	-11.3%
3	4,115	4,618	-10.9%	1,893	2,007	-5.7%	6,008	6,625	-9.3%
4	3,332	3,756	-11.3%	1,611	1,697	-5.1%	4,943	5,453	-9.4%
5	4,143	4,805	-13.8%	1,548	1,619	-4.4%	5,691	6,424	-11.4%
6	7,743	8,501	-8.9%	2,335	2,731	-14.5%	10,078	11,232	-10.3%
R 1-6	27,038	30,208	-10.5%	10,434	11,401	-8.5%	37,472	41,609	-9.9%
7	3,250	3,715	-12.5%	1,586	1,802	-12.0%	4,836	5,517	-12.3%
8	16,871	18,460	-8.6%	9,160	10,237	-10.5%	26,031	28,697	-9.3%
9	3,444	4,072	-15.4%	1,170	1,342	-12.8%	4,614	5,414	-14.8%
10	19,748	20,811	-5.1%	14,392	13,724	4.9%	34,140	34,535	-1.1%
R 7-10	43,313	47,058	-8.0%	26,308	27,105	-2.9%	69,621	74,163	-6.1%
TOTAL	70,351	77,267	-9.0%	36,742	38,506	-4.6%	107,093	115,773	-7.5%



ETA KAPPA NU
Electrical and Computer Engineering Honor Society

Active IEEE Members that belong to Eta Kappa Nu:

Geographic IEEE HKN Membership - October 2016									
Region	Higher Grade w/o GSM			Total Students			Total		
	2016	2015	% change	2016	2015	% change	2016	2015	% change
1	1,261	1,216	3.7%	567	441	28.6%	1,828	1,657	10.3%
2	1,186	1,178	0.7%	398	374	6.4%	1,584	1,552	2.1%
3	1,259	1,191	5.7%	482	551	-12.5%	1,741	1,742	-0.1%
4	916	903	1.4%	478	495	-3.4%	1,394	1,398	-0.3%
5	1,303	1,274	2.3%	499	481	3.7%	1,802	1,755	2.7%
6	1,647	1,556	5.8%	661	677	-2.4%	2,308	2,233	3.4%
R 1-6	7,572	7,318	3.5%	3,085	3,019	2.2%	10,657	10,337	3.1%
7	37	37	0.0%	7	11	-36.4%	44	48	-8.3%
8	82	77	6.5%	36	33	9.1%	118	110	7.3%
9	57	57	0.0%	50	78	-35.9%	107	135	-20.7%
10	127	103	23.3%	87	68	27.9%	214	171	25.1%
R 7-10	303	274	10.6%	180	190	-5.3%	483	464	4.1%
TOTAL	7,875	7,592	3.7%	3,265	3,209	1.7%	11,140	10,801	3.1%