

SECTION REPORT 2017**PART A - SECTION SUMMARY****A.1 Executive Summary****Section Executive Committee 2017 Member List**

No	Name	Position
1	Mr. Anthony Lobo	Section Chair
2	Mr. Abhay A. Phansikar	Section Vice Chair
3	Mr. Aiyappan Pillai	Section Vice Chair
4	Dr. Vinit Kotak	Section Secretary
5	Prof. Sanjay Pawar	Section Treasurer
6	Mr. Atindra Banerjee	Immediate Past Chair
7	Prof. Surya Doolla	Section Jt. Secretary
8	Dr. B Satyanarayana	Technical & Professional Activities Chair
9	Mr. Anand Gharpure	Section Jt. Treasurer
10	Prof (Ms) Ashwini Kotrashetti	Member
11	Dr Narendra Bawane	Member
12	Mr Dnyaneshwar Kamble	Member
13	Dr P B Parikh	Member
14	Prof Ashwini Kotrashetti	Member, WIE Chair
15	Dr. Zia Saquib	Member, Industry Relations Chair
16	Prof. Kiran Talele	Member, Student Activities Chair
17	Prof Swapnali Makdey	Member
18	Mr Mukund Sathe	Member

Section Highlights <http://ieeebombay.org/events2017/>

Installation of Nagpur Subsection on 02 September 2017

Welcome Address by Interim Chair

Introduction of the Slate

Presentation of Report by Interim Secretary

Any other point for which notice is given one week prior to AGM

Resolution

Vote of Thanks

Slate for 2017-2018

1. Dr. Preeti Bajaj - Chair
2. Dr. M. M. Mushrif - Vice- Chair
3. Mr. Arvind Kumar, - Vice- Chair (Industry Relations)

4. Dr. Ritesh Keshri - Vice-Chair (Professional Activities (Chapter Coordination))
5. Dr. D. P. Kothari - Mentor
6. Dr. N. G. Bawane - Secretary
7. Mr. Anand Khobragade - Joint Secretary
8. Mr. P. M. Palsodkar - Student Activities Chair
9. Dr. S. S. Dorle - Treasurer
10. Dr. Makrand Lokhande - Technical/Educational Activities Chair
11. Mr. L. P. Thakare - Membership Development Chair
12. Dr. Richa Khandelwal - Membership Development Vice-Chair
13. Dr. Pradyumn Chaturvedi - Execom Member
14. Dr. Arghya Mitra - Execom Member
15. Dr. Bhusan Rajpathak - Execom Member
16. Dr. S. D. Giripunje - Execom Member
17. Mrs. Achamma Thomas - Execom Member
18. Dr. Bhusan Joshi - Execom Member, Chair (SIGHT affinity group)
19. Dr. Santosh Jaju - Execom Member
20. Dr. Prachi Palsodkar – Execom Member, Chair (WIE affinity group)

Major activities conducted during AGM

1. Slate for 2017 was presented and was passed unanimously.
2. Secretary , Dr. Narendra Bawane presented secretary report of various activities conducted during 2017.
3. Chair, Dr. Preeti Bajaj presented activities plan for 2018.

Approximately 140 members were present for this AGM.

Meeting concluded with vote of thanks and dinner.

Conferences and MAJOR events

- IBSC 2017 Student Congress, Shegaon 27-79 Jan 2017
- PhotoVoltaic Rooftop Solar Project ,with IITB, Ministry of Renewable Energy, Bridge to India, Report formally released April 10, 2017
- SIGHT Vidushi Program
- Internship and Entrepreneurial Workshops

Bombay Section @ 40, Major events

- ❖ 21 Jan 2017 : **Prof JM Vasi** : India's 100 GW National Solar Mission Opportunities & Challenges, Mukesh Patel School of Technology Mgmt & Engineering, JVPD
- ❖ 23 Feb 2017 : **Prof MV Pitke** : Microwaves – Beyond Radar & Communications, Nashik
- ❖ 10 Mar 2017 : **Prof M Balakrishnan**, Dy Dir IIT Delhi : ASSISTECH – Technology Solutions for independent mobility & Education of Visually Impaired, DBIT Mumbai
- ❖ 17 May 2017 : **Peter Thomsen, Orbiwise Switzerland & VS Sridhar TataComm** : Latest developments in LoraWAN technology, Mumbai

- ❖ “Pipeline Optimization”, Prof. Dinesh Sharma, Electrical Engineering Department, IIT Bombay, August 26, 2017, Birla Institute of Technology & Science, Pilani - K.K.Birla Goa Campus.

India Strategic Initiative – Led by the Young Professionals Affinity Group.

MOU with SITRC, Nasik for Incubation Center

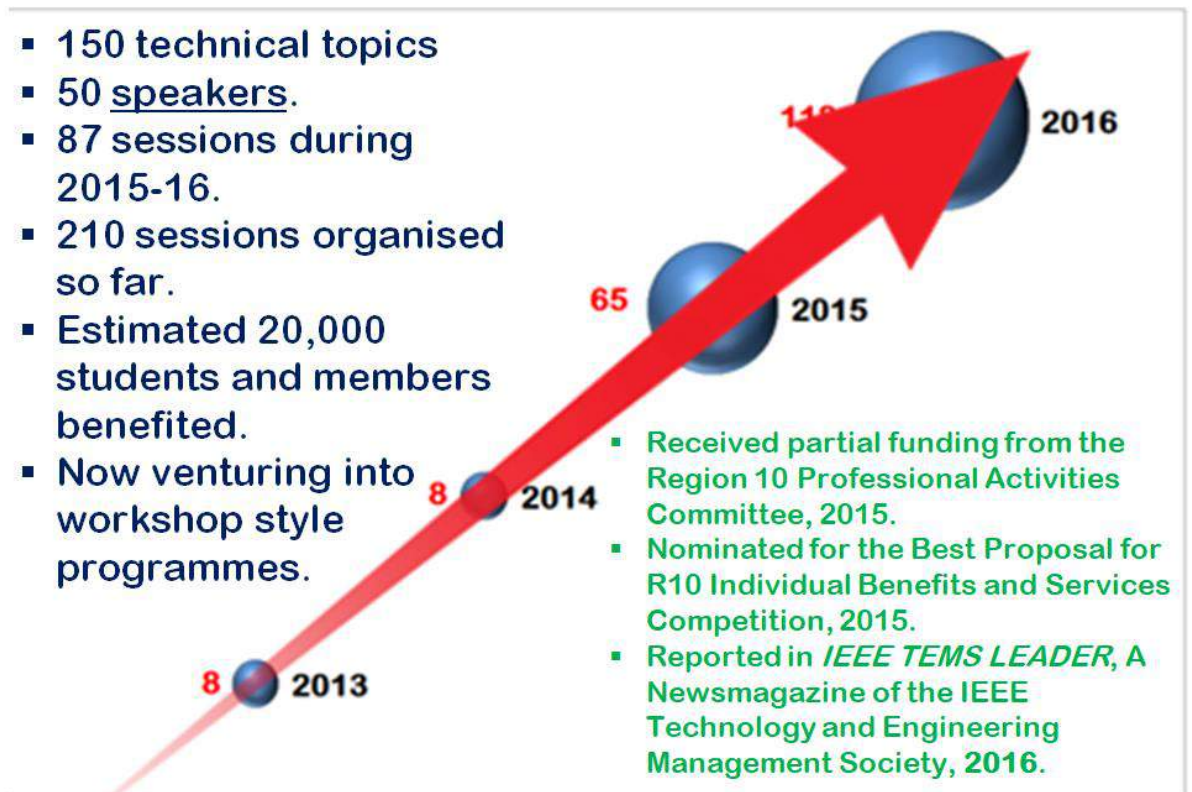
STEP - Student Transition and Elevation Partnership Program @ 7-8 July 2017 at SB Institute of RTM, Nagpur

Assisting **R10 SAC committee** with revival of dormant student branches within the section

Delivered sessions at **IEEE India Strategic Initiative** on resume building and entrepreneurial experiences.

Mega Entrepreneurship event @ VMCC, IITB September 2017, a 2 Day event bringing Entrepreneurs, Startups, Government Programs, Investors and Mentors on one platform

SKEP – Now transitioning into Workshop offering



Technically Sponsored Events

IEEE Bombay Section technically co-sponsored various conferences spanning across the region.

The section nominated on representative from the Executive Committee to ensure that the quality of the conference is maintained to IEEE standards.

Other major events are covered under SKEP.

- Technical/Professional Activities : SKEP (Skill and Knowledge Enhancement Program)
The program was initiated in 2013 and is now a flagship event of the section. The events are either wholly sponsored by the section or co-sponsored by society chapters/affinity groups. It has grown from strength to strength with 2015 seeing the program extend to towns outside Mumbai. In the marathon format, 36 (12 + 24) sessions were organized in academic as well as research institutions in two waves. The highlight of the program is the practical orientation of sessions, mostly conducted by Industry experts.

Special Function on completion of 40 Years Anniversary Celebrations

13 July 2017 was special for IEEE Bombay Section as it marks the high point of BS@40 : our year long 40th anniversary celebrations. Bombay Section was one of three Sections which emerged from the erstwhile IEEE India Section in 1976.

The celebrations of BS@40 included the following technical offerings for members in the form of expert talks, **as mentioned in the section earlier.**

It was decided to felicitate all past chairs and members of the Executive Committee, especially all who served the Section since the silver jubilee celebrations in 2002. Also honoured were the star speakers of the SKEP programme who had contributed much to create a brand which has achieved recognition far and wide.

Invitations were sent out to all on the honours roll, irrespective of whether they had continued IEEE membership. This special gesture was much appreciated. Life members and senior citizens were invited with spouse and the list of invitees almost touched 100.

Each BS@40 stalwart was presented with a silver commemorative coin engraved with the IEEE Bombay Section Logo.

The function began with a brief recap of Section activities over the years. Then Dr B Satyanarayana Tech Activities Chair made a special presentation on the significance of the year 1976 in history and how BS@40 had been celebrated with expert talks during the period.

The format of the function served to retain the interest till the end. Starting from 2000, the list of each year's Execom members was displayed and those present were invited to come up to receive their coins.

Presenters and awardees were shuffled around and a Senior like Dr FC Kohli, first chair of India Section, received his memento from Anand Gharpure, YP Chair, among the youngest members of the Execom.

Interspersed with the presentations were special presentations from WIE, LMAG, Students and Young Professionals. This served to retain interest of one and all and keep the proceedings moving.

The proceedings ended with networking and dinner.

Visit of R10 Director to Bombay Section

As part of the outreach to Sections in India, Dr Kukjin Chun, Director R10, visited IEEE Bombay Section along with Mr Harish Mysore, Director IEEE India Office on 21 July 2017.

The highlight of the first half of the day was a visit to the offices of Larsen & Toubro Infotech (LTI) at Airoli, north of Mumbai.

The LTI team comprised key members of the IIoT Group (Industrial Internet of Things and Manufacturing practice) : N R K Rao, Mandar Wagle, Prashant Iyer, Vishal Bhargava, Ms Natasha Saggi, and Mr Amol Agarwal, Executive Business development. The team briefed the Visitors on their work in the IIoT domain in a free flowing discussion.

Dr Kukjin gave an overall presentation on IEEE, Region 10 and briefed the team on his research in the field of MEMS technology based sensors and actuators at Seoul National University.

Section Officers, Anthony Lobo, Chair and Dr Sanjay Pawar, Chair IEEE Bombay Section Communications Society Chapter and Section Treasurer invited the team to enhance their connect with IEEE Bombay Section including interaction with IEEE student members.

LTI is the first company from Mumbai which has signed an MOU with IEEE SA as a followup of the Board visit to India in August 2016

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The IEEE team then moved to Tata Institute of Fundamental Research, Colaba, South Mumbai for the second event of the day.

Dr Kukjin Chun was the featured speaker at the ASET [Advances in Science Engineering and Technology] Colloquim which was scheduled for 1600 hrs. The audience comprised scientists and research scholars at TIFR and members of IEEE Bombay Section. Dr Kukjin gave a very detailed presentation on his special subject which was followed by a Q&A session.

Thereafter the visitors were shown around key Labs at the Institute including those of

1. Prof. Indranil Mazumdar, Department of Nuclear and Atomic Physics
2. Prof. Arnab Bhattacharya, Department of Condensed Matter and Material Science
3. Prof. Mandar Deshmukh, Department of Condensed Matter and Material Science
4. Dr. B.Satyanarayana, Department of High Energy Physics
5. Prof. Venu Gopal Achanta, Department of Condensed Matter and Material Science

Dr Kukjin then had a special interaction with Dr Sandip Trivedi, Director TIFR who in the course of the discussion expressed interest in the IEEE Milestones programme

* * *

The third and special item of the day was a meeting with the Bombay Section Execom where Dr Satyanarayana, Scientific Officer (H) TIFR and Tech Activities Chair of the Section made a special

presentation on the significance of BS@40 [Forty years of the establishment of Bombay Section in July 1976] and the accompanying technical lectures that had been organised through the year.

During dinner, the Execom presented a BS@40 silver commemorative coin to Dr Kukjin Chun and Mr Harish Mysore on the occasion of their visit to the Section.

Section, Chapter and Affinity Group Activities Summary
(L-31 Summary – Details available on VTools reporting)

	Chapter Name/Section	Technical	Admin/ Social
1	BOMBAY SECTION	31	15
2	Computer Society	3	
3	Communications Society	3	
4	AP/ED Chapter	22	
5	SMC Chapter	2	
6	Signal Processing	2	
7	IA/PE/IM Chapter	3	
8	MTTS Chapter	7	
9	TEMS	3	
10	Life Members Affinity Group	2	1
11	YP - GOLD	6	
12	WIE	4	
13	Bombay SIGHT Pratham	2	1
14	Madhya Pradesh Subsection	6	
15	Nagpur Subsection	13	1
	Total	109	18

(Please see Section B.3 below for more details of Chapter activities along with L-31 report summary)

Awards

Awards received by the Section

- Certificate of Recognition received by Mr. Anthony Lobo, Chair, Bombay Section from IEEE Member Recruitment and Recovery Committee for outstanding achievement in member retention for the section.
- Certificate of Recognition received by Mr Abhay Phansikar, Mr Aiyappan Pillai, both Vice-Chairs and Dr. Vinit Kotak, Membership Development Chair, Bombay Section from IEEE Member Recruitment and Recovery Committee for outstanding achievement in member retention for the section

Awards presented by the Section

- Outstanding Volunteer Awards
- Sponsorship of members and student members to attend various leadership conferences

Section Representation at IEEE, R10 and India Council

- 3 Section officers (Mr. Abhay Phansikar, Dr Satyanarayana, Dr Surya Doolla) and 1 Senior Member (Dr. Preeti Bajaj) on India Council Execom (Webmaster, Secretary and Vice Chair for Student Activities) in addition to Section Chair (ex-officio Member)
- Section Chair (Mr. Anthony Lobo) one of 3 India Council volunteers on R10 India Membership Task Force
- Section Chair and Vice Chair (Mr. Anthony Lobo & Mr. Aiyappan)- volunteers in the MGA India Strategic Initiative

Financial Report 2017

These were the financials reported at the AGM of the Section

COA	INCOME	
2.5	Professional Activities	7,217.00
3.1	Rebate from IEEE HQ	13,02,564.00
3.2	Region Receipts	2,79,395.00
3.3	Sections or Councils	65,000.00
3.34	IEEE HQ & Societies (GIEEE)	12,36,902.00
3.45	Non-IEEE CB Account Interest	5,85,369.00
	EXPENSES	
4.1	Meetings & Social Events Expense	2,67,510.00
4.5	Conference Expenses	3,91,483.00
4.7	Professional Activities Expense	7,96,700.00
4.8	Student Activities Expense	1,82,447.00
5.2	Travel Expense	2,98,833.00
5.5	Support to Sections/Chapters Expense	920,705.00
5.6	Other Management & General Expenses	48,550.25

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

The data provided below is true as of October 2017. There have been many member development initiatives leading to retention as well as growth.

	BOMBAY		INDIA		% w.r.t. INDIA	
	2017	2015	2017	2015	2017	2015
Life Fellow	5	7	24	24	21%	25%
Fellow	9	8	47	44	17%	18%
Life Sr Mem	10	10	106	113	10%	9%
Sr Memb	217	177	2183	1684	10%	11%
Life Member	5	7	30	28	17%	25%
Member	1752	1859	12093	12423	11%	15%
Assoc. Mem.	73	53	450	501	16%	9%
Gr. St. Mem.	633	704	4667	5191	14%	14%
Hi Grd. Total	2704	2814	19626	20011	14%	14%
St. Mem.	5537	4606	28918	26710	19%	17%
Grand Total	8241	7420	48544	46721	17%	16%

B.2 Chapter Activities

- Total number of Chapters in the Section - 11
- Number of Chapters formed in the current year – 1, GRSS
- Number of Active Chapters (Chapters who have reported required number of meetings during the year) - 11
- Summary of Chapter activities chapter wise with attachment table / information

B.3 Major Section and Chapter Activities

Executive Committee Meetings

Event Title	Event Date	Number of Attendance
Executive Committee	12/30/2017 19:16	12
Executive Committee	11/25/2017 10:00	14
Executive Committee	10/28/2017 10:00	11
Executive Committee	9/22/2017 10:00	10
Executive Committee	8/12/2017 10:00	11
Executive Committee	7/22/2017 10:04	7
Executive Committee	7/1/2017 10:04	10
Executive Committee	6/10/2017 10:04	10
Executive Committee	3/25/2017 10:01	16
Executive Committee	2/25/2017 10:00	14
Executive Committee	1/24/2017 10:00	14

Technical Events

Event Title	Event Date	Organization	Number of Attendees	Number of IEEE Members	Number of Non-Member Attendees
Executive Committee	12/30/2017 19:16	(section)	12	12	0
Computational Intelligence for Biometrics	12/19/2017 16:09	(section)	62	12	50
e-Waste Workshop	12/17/2017 10:04	(section)	62	50	12
SKEP - Image Processing Application	10/13/2017 11:00	(section)	100	60	40
SKEP - Introduction to Embedded system and opp	10/13/2017 09:00	(section)	95	70	25
SKEP - Electronics Device	10/12/2017 09:00	(section)	85	60	25
SKEP - VLSI: Challenges and opportunities	10/11/2017 21:00	(section)	85	55	30
SKEP - Image and video quality assessment	10/11/2017 13:00	(section)	95	60	35
SKEP - 4G, 5G and beyond	10/11/2017 11:00	(section)	85	60	25
SKEP - Trends in Industrial Automation and Conne	9/2/2017 11:30	(section)	100	70	30
SKEP - Soft skills, Communication and everything in	9/2/2017 10:00	(section)	100	70	30
SKEP - Bridging the gap between the industry and a	9/1/2017 18:00	(section)	100	70	30
SKEP - RFID & its Applications	9/1/2017 16:45	(section)	100	70	30
SKEP - Software Define Radio Future of wireless co	9/1/2017 16:45	(section)	100	70	30
SKEP - Professional Ethics	9/1/2017 15:13	(section)	100	70	30
SKEP - Advances in control system	9/1/2017 15:13	(section)	100	70	30
SKEP - Writing a technical paper with introduction	9/1/2017 12:45	(section)	100	70	30
SKEP - Applications of IoT	8/4/2017 15:30	(section)	85	60	25
SKEP - Fifth Generation Wireless Networks	8/4/2017 14:00	(section)	85	60	25
SKEP - Testing Requirements in Electronic Products	7/13/2017 15:00	(section)	85	60	25
SKEP - Digital signal, image processing and comput	4/1/2017 14:00	(section)	85	60	25
SKEP - Satellite Image Processing	4/1/2017 11:30	(section)	85	60	25
SKEP - Computer Communication Networks	4/1/2017 09:30	(section)	85	60	25
SKEP - Internet of Things	3/18/2017 14:01	(section)	82	70	12
SKEP - Smart Agriculture	3/18/2017 11:01	(section)	75	70	5
SKEP - Wireless Network	3/18/2017 10:01	(section)	73	70	3
SKEP - Let's build an Embedded project from Scratch	3/10/2017 15:01	(section)	80	56	24
SKEP - IoT	3/10/2017 11:01	(section)	80	55	25
SKEP - Disruptive Technologies: New Opportunities	3/10/2017 10:01	(section)	72	60	12
SKEP - Cognitive and Software Defined Radio Netw	3/6/2017 15:40	(section)	72	50	22
SKEP - Grid Interface of Renewable Energy Sources	3/6/2017 10:01	(section)	81	55	26
SKEP - Pathway to Research	2/28/2017 15:34	(section)	80	55	25
Social Gathering	2/25/2017 17:59	(section)	130	125	5
SKEP - Research Methodologies	2/25/2017 16:00	(section)	79	54	25
[Legacy Report] Dynamical control in quantum tec	12/19/2017 14:30	AP03/ED1	27	5	22
[Legacy Report] Advanced Si solar cells: fundamen	12/18/2017 11:30	AP03/ED1	29	6	23
[Legacy Report] Leaky-wave antennas: from niche	12/13/2017 14:30	AP03/ED1	24	8	16
[Legacy Report] The Revolution in Wide Band Gap	12/12/2017 14:30	AP03/ED1	56	14	42
[Legacy Report] Theory of Nano-Electron-Fluidic Lc	11/29/2017 14:00	AP03/ED1	100	8	92
[Legacy Report] Silicon Ultraviolet Photodiodes for	11/17/2017 14:30	AP03/ED1	15	3	12
[Legacy Report] High-Voltage SiC Power Devices	9/22/2017 16:30	AP03/ED1	41	13	28
[Legacy Report] Analog Devices in the IoT arena - t	9/6/2017 14:00	AP03/ED1	51	6	45
[Legacy Report] Nanoelectrode Technologies for th	7/24/2017 14:30	AP03/ED1	46	5	41
[Legacy Report] 3D Monolithic Integration for adva	7/6/2017 11:30	AP03/ED1	35	8	27
[Legacy Report] Packaging without the Package â€”	5/23/2017 11:00	AP03/ED1	54	15	39
[Legacy Report] Power Management Solutions Ena	5/19/2017 11:00	AP03/ED1	39	13	26
[Legacy Report] All-Carbon Interconnects â€” From	5/18/2017 11:00	AP03/ED1	49	14	35
[Legacy Report] Expert talk	3/29/2017 14:00	AP03/ED1	18	5	13
[Legacy Report] Power Electronics for 21st Century	3/17/2017 15:00	AP03/ED1	49	24	25
[Legacy Report] 2.5 D / 3 D Integration Technology	3/10/2017 09:45	AP03/ED1	31	7	24
[Legacy Report] WaveÅ-based resonant microsens	3/2/2017 15:00	AP03/ED1	15	1	14
[Legacy Report] Spin caloritronics in ordered alloy	2/21/2017 14:30	AP03/ED1	16	3	13
SKEP - Innovation and Entrepreneurship	9/22/2017 14:00	C16	85	60	25
SKEP - Tech Ethics-what IEEE can offer the Enginee	9/7/2017 14:00	C16	85	60	25
DLT 5G Communications	1/13/2017 11:00	C16	44	32	12
SKEP - Writing a technical paper with introduction	10/13/2017 15:00	COM19	95	70	25
SKEP - Advances in Control system	10/13/2017 13:00	COM19	100	80	20
Distinguish Lecture Talk	3/14/2017 11:00	COM19	42	30	12
LMAG - IEEE Launch in India	7/13/2017 19:23	LIFE MEM	55	50	5
All-Carbon Interconnects â€” From 1D to 3D	5/18/2017 11:20	LIFE MEM	60	40	20
Phased Array Antennas & Applications	10/4/2017 10:00	MTT17	67	11	56
Novel Microwave Applications	8/25/2017 11:00	MTT17	30	10	20
Base Station Antennas & Microwave Antennas	7/19/2017 10:00	MTT17	86	22	64
[Legacy Report] Election of executive committee	5/10/2017 11:00	MTT17	12	12	0
Short Range RF Communication	3/21/2017 14:00	MTT17	18	3	15
New Opportunities in Microwave Electronics	1/20/2017 16:00	MTT17	20	3	17
Dependable and Resilient Cloud Computing	12/19/2017 16:00	PE31/IA34	110	100	10
Computational Intelligence for Biometrics	12/19/2017 13:09	PE31/IA34	80	30	50
AGC of Microgrids	7/10/2017 15:19	PE31/IA34	60	50	10
SKEP - Smart Grid	9/2/2017 15:00	SMC28	100	70	30
SKEP - Raspberry Pi	9/2/2017 13:30	SMC28	100	70	30
STTP	11/27/2017 10:00	SP01	30	10	20
Signal Processing - LORA	10/1/2017 14:07	SP01	80	30	50

SKEP Activities undertaken in 2018

Feb 28, 2017	Ramesh Karandikar K.J.Somaiya COE, Vidhyavihar rameshkarandikar@somaiya.edu Research Methodologies SAKEC, Mumbai 3:30pm vinit_kotak@yahoo.com				
Mar 6, 2017	Saurabh Mehta VIT, Mumbai saurabh.mehta@vit.edu.in Cognitive and Software Defined Radio Networks DBIT, Kurla 2:30pm gejo84@gmail.com				
Mar 8, 2017	Bhanwar Lal Bishnoi L&T Bhanwar. Bishnoi@Intebg.com Grid Interface of Renewable Energy Sources DBIT, Kurla 11:15am gejo84@gmail.com				
Mar 10, 2017	Hemant Adarkar C-Fence Technology hemant@adarkar.com Disruptive Technologies: New Opportunities UMIT, Mumbai 9:30am sanjay pawar <drsranjaypawar@gmail.com>				
Mar 10, 2017	Bhanwar Lal Bishnoi L&T Bhanwar. Bishnoi@Intebg.com IoT M.H. Saboo Siddik College of Engineering, Mumbai 10:15am javedtaili@yahoo.com				
Mar 10, 2017	Anand Gharpure Sonic Multitech P Ltd, Nashik a.gharpure@sonicmultitech.co.in Let's build an Embedded project from Scratch M.H. Saboo Siddik College of Engineering, Mumbai 3pm javedtaili@yahoo.com				
Mar 18, 2017	Saurabh Mehta VIT, Mumbai saurabh.mehta@vit.edu.in Wireless Networks Universal College of Engineering 09:30am sunita.yadav@universal.edu.in				
Mar 18, 2017	Bhanwar Lal Bishnoi L&T Bhanwar. Bishnoi@Intebg.com Smart Agriculture Universal College of Engineering 11:30am sunita.yadav@universal.edu.in				
Mar 18, 2017	Jagdish Bisawa Ubisys Technologies Pvt. Ltd. jbisawa@gmail.com Internet of Things Universal College of Engineering 2pm sunita.yadav@universal.edu.in				
Mar 18, 2017	Saurabh Mehta VIT, Mumbai saurabh.mehta@vit.edu.in Professional ethics Universal College of Engineering 4pm sunita.yadav@universal.edu.in				
Apr 1, 2017	Saurabh Mehta VIT, Mumbai saurabh.mehta@vit.edu.in Computer Communication Networks PIT, Panvel 09:30am Sarath Menon <1995.s.menon@ieee.org>				
Apr 1, 2017	Varsha Turkar VIT, Mumbai varsha.turkar@vit.edu.in Satellite Image Processing PIT, Panvel 11:30am Sarath Menon <1995.s.menon@ieee.org>				
Apr 1, 2017	Kiran Talele SPIT, Mumbai talelesir@gmail.com Digital signal, image processing and computer vision PIT, Panvel 2pm Sarath Menon <1995.s.menon@ieee.org>				
Jul 13, 2017	Anand Gharpure Sonic Multitech P Ltd, Nashik a.gharpure@sonicmultitech.co.in Testing Requirements in Electronic Products & Automobile Electronics DBIT, Kurla 3pm Gejo George <gejo84@gmail.com>				
Aug 4, 2017	Sanjay Pawar SNDT, Mumbai drsanjaypawar@gmail.com Fifth Generation Wireless Networks PVPPCoE, Mumbai 2pm vidhya@pvppcoe.ac.in				
Aug 4, 2017	Sachin Sadare Digital Dojo sachin.sadare@gmail.com Applications of IoT PVPPCoE, Mumbai 3:30pm vidhya@pvppcoe.ac.in				
Sep 1, 2017	Anthony Lobo Formerly with TCS, Mumbai anthonylobo@ieee.org Professional ethics MIT, Aurangabad 3:30pm shallu.jain@gmail.com				
Sep 1, 2017	Anjali Deshpande VIT, Mumbai anjali.deshpande.dr@ieee.org Advances in Control Systems MIT, Aurangabad 4:45pm shallu.jain@gmail.com				
Sep 1, 2017	Vinit Kotak SACE, Mumbai vinit_kotak@ieee.org RFID & its Applications MIT, Aurangabad 4:45pm shallu.jain@gmail.com				
Sep 1, 2017	Suyog Vyawahare Suyog Technologies suyogaerospace@gmail.com Software Define Radio Future of wireless communication MIT, Aurangabad 4:45pm shallu.jain@gmail.com				
Sep 1, 2017	Anjali Deshpande VIT, Mumbai anjali.deshpande.dr@ieee.org Writing a technical paper with introduction to scientific word MIT, Aurangabad 12:45pm shallu.jain@gmail.com				
Sep 1, 2017	Sachin Sadare Digital Dojo sachin.sadare@gmail.com Bridging the gap between the industry and academia MIT, Aurangabad 6pm shallu.jain@gmail.com				
Sep 2, 2017	John Benedict Amazon Development Centre India Soft skills, Communication and everything in between MIT, Aurangabad 10:00am shallu.jain@gmail.com				
Sep 2, 2017	Suyog Vyawahare Suyog Technologies suyogaerospace@gmail.com Trends in Industrial Automation and Connected Factories (Industrial IoT) MIT, Aurangabad 11:30am shallu.jain@gmail.com				
Sep 2, 2017	Joanne Gomes SFIT, Mumbai gomes_joanne@yahoo.com Raspberry Pi MIT, Aurangabad 1:30pm shallu.jain@gmail.com				
Sep 2, 2017	Bhanwar Lal Bishnoi L&T Bhanwar. Bishnoi@Intebg.com Smart Grid MIT, Aurangabad 3pm shallu.jain@gmail.com				
Sep 2, 2017	Bhanwar Lal Bishnoi L&T Bhanwar. Bishnoi@Intebg.com Grid Interface of Renewable Energy Sources MIT, Aurangabad 4pm shallu.jain@gmail.com				
Sep 2, 2017	Joanne Gomes SFIT, Mumbai gomes_joanne@yahoo.com Information on Raspberry Pi MIT, Aurangabad 4pm shallu.jain@gmail.com				
Sep 7, 2015	Anthony Lobo Formerly with TCS, Mumbai anthonylobo@ieee.org Tech Ethics-what IEEE can offer the Engineering Profession today SGSITS, Indore 2pm mpschawla@rediffmail.com				
Sep 22, 2017	Kiran Talele SPIT, Mumbai talelesir@gmail.com Innovation and Entrepreneurship SIT, Lonavala 2pm nshitole.sit@sinhgad.edu				
Sep 24, 2017	Anand Gharpure Sonic Multitech P Ltd, Nashik a.gharpure@sonicmultitech.co.in How to read Datasheets / How to find Equivalents while Troubleshooting BITS Pilani, K K Birla Goa Campus 1pm Saptarshi Kumar				
Sep 27, 2017	Anand Gharpure Sonic Multitech P Ltd, Nashik a.gharpure@sonicmultitech.co.in Let's build an Embedded project from Scratch Goa College of Engineering, Goa Nitesh Guinde <nitesh.guinde@gec.ac.in>				
Sep 28, 2017	Quentin Desouza Quantum Designs quentin@quentind.com Programming and applications of Robotics M.H. Saboo Siddik College of Engineering, Mumbai 2:30pm javedtaili@yahoo.com				
Oct 11, 2017	B. Satyanarayana TIFR, Mumbai bsn@tifr.res.in VLSI: Challenges and opportunities RGIT, Andheri 9am-10:30am dave.piyush20@gmail.com				
Oct 11, 2017	Saurabh Mehta VIT, Mumbai saurabh.mehta@vit.edu.in 4G, 5G and beyond RGIT, Andheri 11am-12:30pm dave.piyush20@gmail.com				
Oct 11, 2017	Santosh Chapaneri SFIT, Mumbai santoshchapaneri@gmail.com Image and video quality assessment RGIT, Andheri 1pm-2:30pm dave.piyush20@gmail.com				
Oct 12, 2017	Swapnali Makdey Fr. Conceicao Rodrigues College of Engineering, Mumbai swapnalimakdey@gmail.com Electronics Device RGIT, Andheri 9am-10:30am dave.piyush20@gmail.com				
Oct 13, 2017	Abhay Phansikar Corporate Strategy & Technology Consultant aphantsikar@gmail.com Introduction to Embedded system and opportunities RGIT, Andheri 9am-10:30am dave.piyush20@gmail.com				
Oct 13, 2017	Kiran Talele SPIT, Mumbai talelesir@gmail.com Image Processing Application RGIT, Andheri 11am-12:30pm dave.piyush20@gmail.com				
Oct 13, 2017	Anjali Deshpande VIT, Mumbai anjali.deshpande.dr@ieee.org Advances in Control system RGIT, Andheri 1pm-2:30pm dave.piyush20@gmail.com				
Oct 13, 2017	Anjali Deshpande VIT, Mumbai anjali.deshpande.dr@ieee.org Writing a technical paper with introduction to scientific word RGIT, Andheri 3pm-4:30pm dave.piyush20@gmail.com				

B.4 Student Activities

Student activities were covered under the SKEP initiatives as well as the Student Branch Officers meets. The regular events such as IEEE 360 degrees, Technical Paper Presentation etc. were conducted across student branches. Students

Total number of Student branches in the Section as of Sep 2017– 132. However, the list of branches as on Jan 1, 2018 is 121 out of which 61 branches are inactive. There are certain colleges who have reduced intake or stopped or changed name, hence an exercise needs to be undertaken to update the list to show correct status.

An intense activity is being undertaken to have the list of active branches improved by 31 Aug 2018, and a list with action plan be prepared by 31 May 2018.

The list is appended below:

No	Student Branch
1	Acropolis Institute of Technology and Research SB
2	All India Shri Shivaj Mem Soc Inst of Info Tech
3	Amrutvahini College of Engineering SB
4	Atharva College of Engineering SB
5	Bansal Inst Research & Tech SB

6	Bharat College of Engineering SB
7	Bharati Vidyapeeths Col of Eng For Women SB
8	Bhilai Inst Of Tech Durg SB
9	Birla Institute of Tech and Science Pilani-Goa SB
10	Central India Institute of Tech - Indore SB
11	Cummins College of Engineering For Women SB
12	D Y Patil College of Engineering SB
13	D.K.T.E.'s Textile & Engin Inst Ichalakaranji SB
14	Datta Meghe College of Engineering SB
15	Dilkap Research Inst of Eng & Man Studies, SB
16	Don Bosco Inst of Tech SB
17	Dwarkadas J Sanghvi College Of Engineering SB
18	Fr Conceicao Rodrigues College of Engineering SB
19	Fr Conceicao Rodrigues Inst of Tech SB
20	G H Rasoni College of Engineering SB
21	Goa College of Engineering SB
22	Godavari College of Engineering - Jalgaon SB
23	Government College of Engineering Amravati SB
24	Gyan Ganga College of Technology SB
25	Gyan Ganga Inst of Tech & Management - Bhopal SB
26	Gyan Ganga Inst of Tech and Management Jabalpur SB
27	IES College of Technology - Bhopal SB
28	IPS Academy - Inst of Eng & Sciences SB
29	Indian Inst of Technology- Bombay SB
30	Inst of Engineering & Tech SB
31	Jabalpur Engineering College
32	Jawahar Education Society'S Ac Patil Col of Engrg
33	Jawaharlal Nehru Engineering College
34	Jhulelal Institute of Technology, Nagpur SB
35	Jspm'S Rajarshi Sharu College of Eng SB
36	K K Wagh Inst of Engg- Edu & Research SB
37	K.C. College of Engineering SB
38	Kavikulguru Inst of Tech & Sci SB
39	Kit's College of Engineering SB
40	Kj Somaiya College of Engineering SB
41	Kj Somaiya Inst of Engrg & Information Tech SB
42	Konkan Gyanpeeth College of Engr-Karjat SB
43	Lakshmi Narain College Of Tech SB
44	Late G. N. Sapkal College of Engineering, SB
45	Lokmanya Tilak College of Engineering SB

46	M H Saboo Siddik College Of Engineering SB
47	MBES College of Engineering - Ambajogai SB
48	MGM College Of Eng & Tech SB
49	Mahakal Institute of Technology SB
50	Maharashtra Academy of Engineering SB
51	Maharashtra Inst of Tech SB
52	Manoharbhai Patel Inst of Eng & Tech, Gondia
53	Mansarovar Inst of Science and Tech SB
54	Maulana Azad National Inst of Tech SB
55	Mbm Engineering College/Jodhpur Univ
56	Mct Rajeew Gandhi Inst of Tech SB
57	Medi-Caps Inst of Tech & Mgmt SB
58	Met's Bhujbal Knowledge City SB
59	Modern Educ Soc College of Engineering SB
60	Narsee Monjee Inst of Mgnt/High Studies- Shirpur SB
61	Nashik Dist Maratha Vidya Prasarak Samaj'S C.O.E.
62	National Institute of Technology - Raipur SB
63	National Institute of Technology Goa SB
64	O.P. Jindal Institute Technology SB
65	Oriental University, Indore SB
66	P E S Modern College Of Engineering
67	Padmabhushan Vasantdada Patil Coll Of Eng
68	Padmashree Dr D Y Patil Inst Of Eng & Tech
69	Padmashri Dr Vithalrao Vikhe Patil Coll
70	Padre Conceicao College Of Engrg
71	Parshvanath College Of Engrg
72	Patel Group of Institutions - Indore, SB
73	Peoples Education Society Coll of Engineering SB
74	Pillais Inst Of Info Tech Eng ,Media Studies & Research
75	Pimpri Chinchwad College Of Engineering
76	Priyadarshini Coll Of Eng & Architec
77	Priyadarshini Institute of Eng & Tech, Nagpur SB
78	R.C. Patel Institute of Technology, Shipur SB
79	Rajarambapu Inst Of Tech SB
80	Rajiv Gandhi Col of Eng, Res & Tech, Chandrapur SB
81	Ramrao Adik Inst Of Tech
82	Rizvi College Of Engineering
83	Rungta College Of Engineering & Tech SB
84	Rungta Group of Colleges SB
85	S. B. Jain Institute of Tech Nagpur SB
86	SND Coll of Eng and Res Center Babhulgaon SB

87	SOET, ITM University Gwalior, SB
88	SSBT College of Engrg & Tech SB Jalgaon
89	Sagar Institute of Research & Tech SB
90	Sagar Institute of Science & Technology SB
91	Sanghvi Institute of Management & Science SB
92	Sanjay Education Society'S College Of
93	Sanjiwani Rural Educ Soc College Of Eng
94	Sant Gadge Baba Amravati University SB
95	Saraswati College of Engineering SB
96	Sardar Patel College Of Engineering
97	Shah & Anchor Kutchhi Engrg College
98	Sharadchandra Pawar College of Eng SB
99	Shri G S Inst Of Tech & Science
100	Shri Ramdeobaba Kamla Nehru Eng College
101	Shri Sant Gajanan Maharaj College Of Eng
102	Shri Shankarachary Inst of Prof Mgmnt and Tech SB
103	Shri Vaishnav Inst Of Tech & Sci
104	Shrimati Indira Gandhi College Of Eng
105	Sies Graduate School Of Tech Sb
106	Sinhgad College Of Engineering
107	Sinhgad Institute of Technology-Lonavala SB
108	Sipna's College of Eng & Tech - Amravati SB
109	Sri Aurobindo Institute of Technology SB
110	St Francis Inst Of Tech - Mt Poincur
111	St John College Of Eng & Tech SB
112	Sushila Devi Bansal College of Technology SB
113	Swami Vivekanand College of Engineering SB
114	TIT College Bhopal SB
115	Technocrats Instute of Tech, Bhopal SB
116	Terna Engineering College
117	Thadomal Shahani Eng College SB
118	Thakur College Of Eng & Tech
119	Truba College of Engineering and Technology SB
120	Universal College of Engineering, SB
121	Usha Mittal Inst Of Tech
122	VES Institute of Technology
123	Veer mata Jijabai Technical Inst
124	Vidarbha Youth Welfare Soc Coll Of Eng Sb
125	Vidya Pratishthan's College of Eng - Baramati SB
126	Vidyalankar Inst Of Tech
127	Vidyavardhini'S College Of Engrg & Tech Sb
128	Vishwakarma Inst Of Tech

129	Visvesvaraya Nat'L Institute Of Tech
130	Watumull Inst Of Elect Eng & Comp Tech
131	Xavier Inst Of Engineering
132	Yeshwantrao Chavan College Of Engineering

Above is the list of SKEP activities undertaken by the section.

Section level student activities (student congress, paper and other contests, awards etc)

Major Student Activities 2017

[1] Mumbai Division SB Admin Committee Meet @ SAKEC, January 2017

The main agenda of this session was to guide IEEE Student members about IEEE Bombay Section Congress in 2017 which was about to be held in January 2017 at Shri Sant Gajanan Maharaj College of Engineering. Mr. Shubham Gupta and Ms. Samriddhi Seth shared their experiences about attending Congress.



[2] IEEE Bombay Section Congress (IBSC)



- IBSC, which was held from 26 January 2017 to 29 January 2017 proved to be a breakthrough for IEEE Bombay Section, with which it was able to retain its prestige.
- This event witnessed a crowd of 200 members from various parts of IEEE Bombay Section like Mumbai, Nashik, Nagpur, Madhya Pradesh and Goa.
- The three days of the event were flooded with speakers who were experts of their respective domains.

[3] KShankarNSPC @ SAKEC April 2017



KShankarNSPC 2017 was hosted SAKEC on 8th April. 17 papers were shortlisted for presenting in front of the judges. The papers were evaluated with respect to the following points: Format, Innovation, Clarity of Content, Presentation and Questionnaire. The team from Datta Meghe COE was the winners of K Shankar NSPC 2017. The second place was earned by VIT, Vellore College students.. The third place was earned by the team from Sri Ramdeobaba CoE (Pratik Baheti.

This session which was organized to impart knowledge about functioning of IEEE within each SB and discuss key issues related to independent SB development as well as development of Division and Section, and the contributions that need to be made to achieve the same.



[5] Branch Counselor Meet at Goa July 2017

A meet of Branch counselor and admin committee members of all the SB in Goa active as well as inactive was organized on 14 July 2017. Goa College of Engineering (active SB) : Branch councillor along with admin committee

BITS-PILANI Goa Campus(active SB):Admin committee

Padre conceicao college of Engineering(inactive SB): Faculty members(Shailesh Khanolkar and Reena Fernandes). The agenda of meet was discussion of Activities carried out by active SBs and activities which can be carried out to make inactive SB to active SB



[6] Bombay Section SAC Committee Training July 2017

The IEEE Bombay Section Meetup was held on 22 and 23 July, 2017 at Shah & Anchor Kutchhi College of Engineering.

The objectives of this meet were:

To establish a friendly yet a responsible network of potential volunteers.

To open the platform for discussion of innovative ideas along with their implementation.



[7] REVAMPING OF STUDENT BRANCHES IN MUMBAI DIVISION



Revamping of IEEE-VSIT, Indore was conducted by SAC volunteers.

The volunteers in VSIT were motivated for retaining the members, conducting useful events like seminars, workshops etc. in their Student Branch.

SAC TEAM 2017-18 SECTION ACTIVITY CHAIR



Prof. Kiran Talele
(Bombay Section)



Prof. Prasanna Palsodkar
(Nagpur Sub Section)



Dr. Santosh Vishwakarma
(SAC Chair)

CORE COMMITTEE



Shubham Gupta
(Secretary)



Bhavesh Choradia
(Global Networking)



Varsha Singh
(SSR Bombay)

DIVISIONAL REPRESENTATIVE



Yash Jagtap
(Nashik)



Maya Nair
(Mumbai)



Ankima Tripathi
(Amravati)



Archana Totekar
(Goa)



Ankur Jaiswal
(Chhattisgarh)



Dimple Khilwani
(Nagpur)

WORKING COMMITTEE



Sarita Singh



Nikhil Karande



Neha Shah



Abhishek Tripathi



Shravan Shetty



Soumya Naik



Soham Dhole



Nikita Akulwar



Racheal Dias



Anurag Jain



Gyan Prakash



Suvarna
Dwivedi



Abhishek
Diggewadi



Chaitanya
Chune



Anniruddha
Taroderkar



Shridhar
Prabhuraman



Saurabh Soni



Jeet Dagha



Anushree Sawant

B.5 Affinity Group Activities

YP Events

A brief on key events conducted under the IEEE India Strategic Initiative is given below

IEEE India Student Internship Preparation Program:

- The event is focused towards the preparation of IEEE Student members towards Internships and handling them well.
- A 4 - 6 Hour program with topics on Interviews, Choosing good internships, Resume Preparation, Internship Platform, Skills Development, Current Trends and Technologies and a Panel Discussion to ask questions on what industry looks for in a student intern.
- Audience: 420+ at Bombay
- Audience: 550+ at Nagpur

IEEE India Entrepreneurship Development Program:

- The event is focused towards the preparation of IEEE Young Professionals and Student Members to engage in startup related activities and Entrepreneurship.
- A 4 Hour program with topics on Why a startup, Startup legalities, Entrepreneur experience sharing, funding and revenues, incubation programs, business models followed by a panel discussion on entrepreneurship.
- Audience: 40+ at Bombay
- Audience: 120+ at Nagpur

Benefits:

- Both the programs / initiatives are the need of the hour for IEEE members and would yield in higher member engagement across student as well as Young Professionals.
- Students as well as Young Professionals get exposure to industry and enable networking with industry experts across domains.

Event Title	Event Date
Young Professional Track in IEEE-iNIS 2017	12/18/2017 17:30
IEEE Bombay Section Young Professionals Execom	11/13/2017 19:00
[Legacy Report] Industrial Visit to Jet Airways Maintenance Hangar	11/4/2017 10:00
Enterprenurship & Startup opportunities for professionals	9/8/2017 08:00
Young Professionals Meet up	8/19/2017 16:00
IEEE Student Transition and Elevation Partnership Program, STEP	7/7/2017 10:00
IEEE Bombay Section Young Professionals Execom meet	5/20/2017 18:30
Educational visit at Bombay Stock Exchange	3/28/2017 14:30

B.6 Awards & Recognition Activities

- Award constituted by the section –
 1. Outstanding Student Volunteer Award – Vivek Motwani, Siddarth Singh
 2. Outstanding Student Branch Counsellor Award – None
 3. Outstanding Student Branch Award – VIT, Wadala
 4. Outstanding Volunteer Award – Dr. Satyanarayana

B.7 Communication Activities (Newsletter, Home Page, E-mail etc.)

- Newsletter (name and number of issues in the year) – None
- Home Page of the section (give the URL and frequency which it is updated) <http://ieeebombay.org>
Weekly updates and event based update as required. Updates can happen more than once in a day also
- Other means of contacts with section members
 1. All members email list
 2. Full Grade Members email list
 3. Student Branch Email List
 4. Execom Members Email List
 5. Contact details of Office Bearers/Chapter/Affinity Group is published on the website

B.8 Industry Relations

- Existing relationships with Industries was reinforced by including them in section activities
- Membership growth and retention. It is a matter of pride that Bombay section increased its membership across Members and senior members, amply compensating for the reduction in Associate Members as well as Graduate Student Members.

B.9 Humanitarian Technology Activities

Vidushi – Empowering Rural Communities

Vidushi – a program to skill rural women was conducted in two phases in 2015, and has been continued since then.. This involves imparting computer literacy, and basic maintenance skills like Electrical Repairs, Plumbing, Solar Devices to women in the backward rural districts of the section (Junnur).

B.10 Community Activities

Rooftop Solar Project –

In June 2015, IEEE the section in collaboration with IIT Bombay, Bridge to India and Observer Research Foundation, undertook a major survey in Mumbai to estimate the rooftop solar potential in Greater Mumbai. The program had the support of the Ministry of Renewable Energy of India to support the renewable energy initiatives of the Municipal Corporation of Mumbai. The objective was to predict an indicative figure of the rooftop PV installation potential for Greater Mumbai Region (within the limits of the Bombay Municipal Corporation - BMC) and to prepare a roadmap on how to promote rooftop PV in Mumbai through policy decisions by BMC.

The program concluded with the Launch of the report on April 10, 2017.

Student volunteers and others from the section participated with great enthusiasm to make the survey a great success. The work involved site surveys of more than 50 buildings, GIS Mapping and 3D modelling and shading analysis. A gist of the project is picturized below

Workshops at IIT

- 1 introductory workshop
- 2 hands on training of GIS tools for team leaders, rooftop survey at IITB buildings



Site Surveys

- Level 1 categories
 - Residential
 - Commercial
 - Industrial
 - Offices
 - Education Amenities
 - Social Amenities
 - Public Utilities
 - Transportation



More than 50 buildings surveyed across 24 wards
Hierarchical approach of categorising buildings

GIS Mapping



Mapping Shade-free areas



By students

BMC map

More than 9500 buildings mapped
120 million sq. m area mapped
Nearly 30 % of BMC area

3D modelling and shading analysis



“Infra works 360” – Sample areas of 0.1sq. Km
Effect of inter building shading studied

Statistics of participating IEEE Student Members :

- Total 267 students registered at the Workshop at IIT Bombay.
- 214 students actually attended it, including students from Nashik and Baramati (interior regions of Maharashtra)
- 142 students out of the 214 gave consent to continue with the Project and they were accordingly allotted the wards for the said survey
- Finally 76 students work completed their task assigned.
- Out of these 42 had done field survey also.
- The Execom of Bombay Section declared a Honorarium to these 42 students and Certificates to all participating Volunteers.

PART C - OTHERS

C.1 Relationship with National Societies

IEEE Bombay Section annually celebrates Engineers Day in May every year jointly with the IETE (Institution of Electronics and Telecommunications Engineers)

C.2 Special Events

Bombay Section @ 40, as described earlier was the special Event organized.

C.3 Problems to be Anticipated

Keeping Student Branches active and ensure that they report the activities. A task force has been created (C4 point 2 below) to handle this.

Handing over of administrative affairs to new committee was becoming a challenge due to increased reporting norms at different times and different levels like IEEE R10 & HQ, State and Central Govt. agencies. Creation of Joint Secretary, Joint Treasurer and an Additional Vice-chair will help easy transition as well as timely reporting.

Challenges and Critical Success Factors

- Different regions within the section geography desirous to form sub-sections or sections
- Out reach across the complete geography of the section
- Availability of Volunteers
- Effective Virtual Collaboration tools – Tele/Video/Web conferencing facilities
- Greater commitment of time by volunteers and members
- Effective communication between the Section, India Council, R10, IEEE HQ
- Effective communication within the Section
- Members having affiliation with multiple associations leading to contention for scarce volunteering time.
- Effective collaboration between
 - Members
 - Different societies/ society chapters
 - Different Affinity Groups
 - Between all of the above

C.4 Best Practices of your section

- 1 SKEP (Skills and Knowledge Enhancement Program) series of workshops/talks.
- 2 Formation of a Student Activities Core team spanning across the region. This has created a push amongst students to be active and also participate in more technical as well as leadership events.
- 3 Handing over of administrative affairs to new committee was becoming a challenge due to increased reporting norms at different times and different levels like IEEE R10 & HQ, State and Central Govt. agencies. Creation of Joint Secretary, Joint Treasurer and an Additional Vice-chair will help easy transition as well as timely reporting.
- 4 Leadership statements of Vision/Mission at Annual General Meeting
- 5 Value add to members and professionals through topical Conferences
- 6 Robust Senior Member elevation practices
- 7 Reviving dormant student branches and initiating new branches
- 8 Engaging with Students, Student Branches and Counsellors
- 9 Active website, regular mailers on forthcoming events
- 10 Delivering value to members by providing fair opportunities to attend key IEEE events
- 11 Created a section video for use during IEEE functions.
- 12 Improved governance by
 - ✧ Succession planning incorporated in the formation of the Executive Committee
 - ✧ Adopting smooth hand-over processes

- ✧ Publishing calendar of Execom meetings planned for the year
- ✧ Consolidated tracking of actions from Execom meetings
- ✧ Appointment of separate Finance and Governance committee

PART D - GOALS AND PLANS

[Presentation made at Bombay Section AGM aptly sums up Goals, Plans & Challenges]

VISION

- Be the most preferred Technical and Professional Association for individuals in Industry, Academia and Government
- Be the Benchmark among IEEE Sections in India

ACTION PLAN

- Build on the momentum of the past years
- Firmly establish the new entity (IEEE Mumbai Section Welfare Association) and comply with all statutory obligations
- Operationalize good governance practices and simplify operations
- Enhance value of membership by conducting member development and empowerment programs
- Contribute positively to the communities we operate
- Thought leadership through original contributions in technical and professional areas of impact

4 PILLARS OF ACTION

Governance & Operations

- Set up Advisory, Finance and Statutory Compliance Committees
- Establish governance and operations processes
- Leverage website to simplify approvals, interactions
- Member Charter
- Establish registered society Infrastructure

Member Development and Empowerment

- To increase number of Volunteers
- Continuous Education and Skill Upgrade
- Technical Engagement, Networking & Exchange Programs
- Replicate programs across the section geography
- Rewards and Recognition
- Develop next-line office bearers, Execom members

Relevance to the Community

- Influence Engineering education
- Enhance Industry connect
- Invigorate SIGHT, Affinity Group and all Society Chapter activities

- Student Employability initiatives
- Enhance Faculty Effectiveness
- Drive Industry – Academia collaboration
- Conduct events of Relevance – IBSS 2015, SKEP at more geographies, SKEP targeted at Professional members, IPR workshops

Thought Leadership

- Leverage the intellectual capital of the section to Influence policies, standards
- Share Best (Next) practices
- Promote and publicize innovation
- Create an innovation manual
- Enhance Website, Social Media connect