

Region 10 – Section Incentive Activity Submission Form for 2020

Section Name: Bombay Section

Section website: www.ieeebombay.org

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Submission link at: <https://www.ieeer10.org/online-report-submission-form/>

IMPORTANT NOTES

Part A – Administrative

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

Bombay Section AGM/EGM/SGM

Number	Date	Event	Description	Attendees
1	29.02.2020	EGM	IIT Bombay	15
2	11.07.2020	EGM	Virtual	95
3	26.12.2020	SGM	Virtual	54

Bombay Section Execom

Number	Date	Event	Description	Attendees
1	09.11.2019	12 th Execom	VIT, Bombay	10
2	12.10.2019	13 th Execom	DBIT, Bombay	9
3	10.01.2020	1 st Execom	Shere-E-Punjab	12
4	08.02.2020	2 nd Execom	VIT, Bombay	11
5	14.03.2020	3 rd Execom	Virtual	13
6	11.04.2020	4 th Execom	Virtual	
7	09.05.2020	5 th Execom	Virtual	
8	13.06.2020	6 th Execom	Virtual	17
9	11.07.2020	7 th Execom	Virtual	18

10	18.07.2020	Special Execom	Virtual	29
11	08.08.2020	8 th Execom	Virtual	27
12	12.09.2020	9 th Execom	Virtual	25
13	06.10.2020	Special Execom	Virtual	23
14	10.10.2020	10 th Execom	Virtual	15
15	12.12.2020	11 th Execom	Virtual	20
16	24.12.2020	Special Execom	Virtual	25

Nagpur Sub Section

Number	Date	Event	Description	Attendees
1	01.08.2020	6 th Execom	Virtual	11

Inter Chapter / Society Liaison Committee

Number	Date	Event	Description	Attendees
1	03.10.2020	Committee Meet	Virtual	6
2	19.09.2020	Committee Meet	Virtual	5
3	08.08.2020	Committee Meet	Virtual	3

- Please indicate the **total number** of administrative meetings conducted/ held from November 2019 onwards.
- Supported each meeting by providing dates, number of attendees and a short description.
- Annual General Membership Assembly shall be held to inform members on the development and future activities of the section.

- Please indicate the **total number** of Subsection (if there is any), Chapters, WIE/ YP/ LM Affinity Groups, Student Branches, Student Branch Chapters, Student Branch WIE Affinity Group that fall under your Section. **(Bullet points, please do not list down all the name of the OUs)**
- Please indicate the **total number of events** related to Subsection (if there is any), Student and Affinity Groups conducted from November 2019 onwards.
- Please indicate **how much funding support** provided by your Section and other source of funding support (if any) to each of these events.
- **If your Section is one of the recipients of 2019 Section Incentives program supported by R10, please describe how your Section utilize the incentive amount to benefit your local units and activities?**
- Supported each event by providing dates, number of attendees and a short description.
- The activities shall promote leadership and interpersonal skills of the Student/ WIE/ YP/ LM / Society members as well promote visibility of the IEEE objectives.

Part B – Subsection, Student and Affinity Group Activities

(Student /Young Professionals / Women in Engineering / Life Member / Humanitarian Activities / Educational Activities)

SAC

Number	Date	Event	Description	Attendees
1.	7th June, 2020	First Branch Counselors Meet	Branch Counselors of various Sb's were invited to be a part of this meeting to discuss about the operations of an SB	28
2.	8th - 11th July, 2020	Second SB Chairs Meet	Student Chairpersons of various Sb's were invited to be a part of this meeting where various administrative challenges were discussed	143
3.	28th July, 2020	General SAC team Meetup	The team of SAC Volunteers were oriented about various roles and responsibilities and the event planning of various events was done	45
4.	29th August, 2020	Second Branch Counselors Meet	Branch Counselors of various Sb's were invited to be a part of this meeting to discuss about the operations of an SB	45

5.	5th September to 11th October, 2020	IEEE Xtreme Overflow Programming Competition	A 5 week long programming competition and training aligned with IEEE Xtreme Global Programming Competition's format	663
6	11th September, 2020	Second SB Chairs Meet	Student Chairpersons of various Sb's were invited to be a part of this meeting where various administrative challenges were discussed	33
7.	12th September, 2020	Meet and Greet	Students from various SB's were invited to participate in a fun activity based interaction	20
8	26th-29th September and 11th October 2020	SMELT 2020	Section Membership Enhancement and Leadership Training was organised for all the Students of the Section to train them on perspective of leadership and membership related orientations were also given divided on the basis of geography	364
9	16th October, 2020	IEEE DAY Celebration - Treasure Hunt	An online Treasure Hunt activity was conducted along with IEEE Day Celebrations	135
10	16th-18th October, 2020	Online Quiz Contest	An online quiz contest based on technical concepts was conducted in three rounds over the span of three days	104

YP

Number	Date	Event	Description	Attendees
1.	23 rd August 2020	Importance of Professionalism to survive in the Professional World	Building a professional Resume through LinkedIn. Professionalism is one of the important skills required to survive in the Professional World.	75+
2.	19 th September 2020	Job Opportunities in Power and Energy Sector	career opportunities in Power and Energy Sector as well as benefits of Power and Energy Society	85+

3.	10 th October 2020	Evolving Future of Artificial Intelligence & Data Science and How Young Graduates can look for a career in this field?	basics of the cycle of building predictive models and gave suggestions on how students can get started in this field i.e. by working on meaningful projects through platforms like Kaggle. The primary focus in conducting this webinar was to make young graduates and student members familiar with the technology related to AI/ML and Data Science.	50+
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WIE

Number	Date	Event	Description	Attendees
1.	3rd Oct 2020	Pre-university Awareness Program for 9-12 standard school children	Awareness through presentations on different core & upcoming streams of Engineering	36
2.	31st August 2020 to 4th September 2020	Recent Trends in RF and Microelectronics	One Week Online ISTE Approved, Faculty Development Programme on "Recent Trends in RF and Microelectronics"	100+
3.	3rd October 2020,	Women Empowerment Webinar on "I Engineered my Life"	Dr. Padmaja Joshi has developed herself through extensive research and has shown immense dedication towards engineering as a career. She is here to share her experience and remind you that Creativity has its rewards, Exploring the possibilities is essential and How you can make a world of difference.	50+
4	Aug 20,2020	Mental awareness for General Well Being	Mental health awareness can play a significant role in improving emotional well-being of the people. The COVID-19 pandemic has resulted in a world wide economic recession which has affected many people's mental health.	100+

5	Sep 5, 2020	Women Empowerment Webinar on "I Made it Possible"	The speaker Anima Patil Sabale took the students on a thrilling ride of her journey full of ups and downs and how she made her most difficult dream of all come true. To top that she also motivated everyone on how to deal with criticisms and taunts that one has to face in life.	60+
6	11th, 12th, 17th, 18th and 25th August 2020	5G Wireless Communications and Antenna Design using MATLAB and Simulink	Providing an exposure to fundamentals of MATLAB and Simulink for Computation, Signal Processing, Hardware Interfacing, Antenna design and design of 5G Wireless Technologies.	817 (184 Outside India)
7	7th August, 2020	Lead the Life	As we say, „Actions speak louder than words,“ she not only made us aware of the power of networking, relations and new ideas but also showed us its impact through her life journey. All ideas, small or big, have the ability to change the world and the littlest and greatest of our steps lead to the progress of humanity.	35+
8	17th October 2020	"Early Detection and Prevention of Gynaecological Cancers"	It is important to create awareness about different gynaecological cancers in women from different layers of society. The webinar focuses on different gynaecological cancers, their symptoms, detection/prevention approaches, and general precautionary measures.	60+
9	17th October, 2020	Ada Lovelace Day Celebration "Women in Technology - A Dire Need of the Hour"	An International Celebration of the contribution and achievements of women in the field of Science and Technology created in memory of the first computer programmer, Ada Lovelace	58

IEEE Consumer Technology Society (CTSoc)

Number	Date	Event	Description	Attendees
1.	March 31, 2020	How to make innovations! Learned by several display innovations	DL Webinar of IEEE CE Society	
2.	April 17, 2020	Cybersecurity in the 5G-connected IoT World: Recent Developments and Future Trends	DL Webinar of IEEE CE Society	
3	June 12, 2020,	Next Generation Innovative Display Technologies	Don Bosco Institute of Technology, Expert Talk	

IEEE Bombay Section Joint Chapter of PELS-IES

Number	Date	Event	Description	Attendees
1.	30 Nov 2019	IEEE Expert Talk	Prof. S. C. Srivastava, IIT Kanpur	74
2.	25 Feb 2020	IEEE Expert Talk	Prof. Himanshu J. Bahirat, IIT Bombay	48
3	24 Apr 2020	IEEE Webinar	on "Recent Trends and Future Opportunities in Transportation Electrification and Autonomous E-mobility" by Prof. Sheldon Williamson, Ontario Technical University, Oshawa, Canada	63
4.	07-12 Sept2020	International Online Short Term Training Program	"Integrating Domain Knowledge for Managing Sustainable Energy IDKMSE-2020", GHRCE, Nagpur	143
5.	25-26 Sept 2020	IEEE International Conference	Smart Technologies for Power, Energy and Control (STPEC 2020), VNIT, Nagpur	178
6.	12-16 Oct	One Week Online	"Power Electronics and Control: Recent	38

	2020	Short Term Course	Advances", MANIT Bhopal	
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IEEE Bombay Section SPS Chapter

Number	Date	Event	Description	Attendees
1.	January 13, 2020	SPS Distinguished Lecture	Privacy-Preserving Localization and Recognition of Human Activities	150
2.	25 Feb 2020	SPS Chapters Meeting	Indian SPS Chapter Meeting	20

IEEE Bombay Section SIGHT

Number	Date	Event	Description	Attendees
1.	26th September, 2020	Volunteer Meet - Call For Arms By Kartik Kulkarni	The aim of this event was to make the participants aware of the opportunities and benefits that they can get through IEEE SIGHT.	40+
2.	4th October, 2020	Learn From Leaders: Session 1 By Sampath Veeraraghavan	The goal of organising this webinar series is to prepare the audience to be a part of an interesting Proposal Writing Competition, and hence they are guided to come up with an amazing and professional proposal which they can submit to the IEEE SIGHT Committee to continue their project.	30+
3.	10th October, 2020	Learn From Leaders : Session 2 By S.K. Ramesh	understanding different committees that work under IEEE which share goals similar to IEEE SIGHT	30+
4.	10th October, 2020	Learn From Leaders : Session 3 By Mr. Suresh Shenoy	WHEELS stands for Water, Health, Education, Energy, Livelihood and Sustainability. The Wheels Global Foundation is built around these main focuses	30+

Part C – Professional Activities

(Continuing Education include Professional Lectures, Seminars and Workshops / Technical Activities / Partner University / Industry Activities)

- Please indicate the **total number** of professional lectures/ seminars/ workshops /technical activities conducted from November2019 onwards.
- Please indicate **how much funding support** provided by your Section and other source of funding support (if any) to each of these activities.
- **If your Section is one of the recipients of 2019 Section Incentives program supported by R10, please describe how your Section utilize the incentive amount to benefit your local units and activities?**
- Supported each event by providing dates, number of attendees, type of event and a short description.
- Section shall organize professional activities that can enhance the knowledge of the members.

Technical & Professional Activities

Number	Date	Event	Description	Attendees
1	Dec 4-6, 2020	Section Conference	IBSSC 2019	100+
2	Feb 6, 2020	Skill Knowledge Enhancement Program (SKEP)	Importance of research at undergraduate level	
3	Feb 7, 2020	(SKEP)	Research at Undergraduate Level	
4	June 28, 2020	(SKEP)	Data Analytics and Insights	

5	Oct 8, 2020	(SKEP)	How to read Datasheets /	
6	Oct 20, 2020	(SKEP)	Solution engineering using embedded technologies	
7	Oct 21, 2020	(SKEP)	Embedded Design & Product Development	
8	Nov 8, 2019	Workshop	Alexa Workshop	
9	Dec 7, 2019	Workshop	Alexa Workshop	
10	Jan 18, 2020	Workshop	Autodesk Tinkercad	
11	Feb 26, 2020	Workshop	Amazon Alexa	
12	March 4, 2020	Workshop	Embedded System/IOT/Arduino Programming	
13	November 8, 2019	Webinar	Alexa Skill	
14	November 28, 2019	Webinar	Research directions and industrial applications of VLSI electronics	
15	December 7, 2020	Webinar	Tinkar Cad	
16	January 24, 2020	Webinar	Conference Leadership Program I	
17	February 12, 2020	Webinar	HAM Radio	
18	February 14, 2020	Webinar	Process of Student Satellite	
19	March 24, 2020	Webinar	Conference Leadership Program II	
20	March 27, 2020	Webinar	FPGA	
21	April 17,	Webinar	Women in STEM	

	2020			
22	April 28, 2020	Webinar	Advances in medical imaging and classification technologies	
23	April 30, 2020	Webinar	Introduction to IEEE IoT and Smart Cities	
24	May 5, 2020	Webinar	Introduction to IoT and WSN	
25	May 6, 2020	Webinar	My experiments with IoT	
26	May 6, 2020	Webinar	Rpi and Arduino	
27	May 11, 2020	Webinar	Emerging Wireless Technology:IoT	
28	May 14, 2020	Webinar	My experiments with IoT	
29	May 15, 2020	Webinar	Few Tips on Research paper	
30	May 21, 2020	Webinar	Guidance on Selecting IOT projects '	
31	May 22, 2020	Webinar		
32	May 22, 2020	Webinar	Wireless Network Simulation Tools	
33	May 23, 2020	Webinar	High-Speed Data Acquisition Systems	
34	June 22, 2020	Webinar	New Normal In Education and Assessment Tools	
35	June 30, 2020	Webinar	How to read and write paper	
36	August 30, 2020	Webinar	Technology Integration of Sensors, Circuits and Actuators	

37	September 4, 2020	Webinar	Wireless Standards	
38	September 11, 2020	Webinar	AI/ML Technology and Applications	
39	October 10, 2020	Webinar	Insgihts on G-Suite	
40	October 11, 2020	Webinar	GitHub for Open Source Collaboration	
41	October 15, 2020	Webinar	Indian Contributios to International Mega Science Projects	
42	Dec 15, 2019	Mini POCO	Conference Leadership Program ,IITB	
43	June 26-27, 2020	Mini POCO	Conference Leadership Program ,KJSIT	
44	08-Nov-20	Workshop	Latex with hands-on experience	
45	Nov 3, 2020	SKEP Talk	Introduction to AI and ML	
46	Nov 4, 2020	SKEP Talk	Artificial Neural Systems: Preliminaries, Models and Algorithms	
47	Nov 5, 2020	SKEP Talk	Applications of Neural algorithms and systems	
48	Nov 6, 2020	SKEP Talk	Fuzzy systems and Evolutionary Algorithms	
49	Nov 7, 2020	SKEP Talk	Demystifying Machine Learning using Orange	
50	Nov 16, 2020	SKEP Talk	How to write a good technical paper and how to publish it in reputed Journals	

Educational Activities

Number	Date	Event	Description	Attendees
1.	09 -14 December	FDP	Shifting Teaching Learning Paradigms Through Innovative Pedagogy	65+

	2019		Veer mata Jijabai Technological Institute (VJTI)	
2.	12 - 16 February 2020	FDP	Shifting Teaching Learning Paradigms Through Innovative Pedagogy VNIT Nagpur	15+
3	05th September 2020	FDP	Faculty-Student Collaboration across Institutions in Online Education – Virtual	97+

Inter Chapter / Society Liaison Committee

Number	Date	Event	Description	Attendees
1.	24/10/2020	Confluence 2020	Panel Session of Chapter Chairs of Technical Societies in IEEE Bombay Section	44
2.	29/08/2020 to 02/09/2020	Faculty Development Programme on Soft computing and its Applications	AICTE Training and Learning (ATAL) Academy & IEEE Bombay Section (SPS and CS chapters)	147
3	15/09/2020	Panel discussion on Sustainable Engineering	Don Bosco Institute of Technology, Expert Talk	50+
4	27/09/2020	IEEE Society membership benefits	IEEE Bombay Section SAC – SMELT	
5	28/09/2020	IEEE Society membership benefits	IEEE Bombay Section SAC – SMELT	
6	29/09/2020	IEEE Society membership benefits	IEEE Bombay Section SAC – SMELT	

Part D – Social Activities

(Award Ceremony, Family oriented or Team Building Activities, Social Events)

- Please indicate the **total number** of events conducted from November 2019 onwards.
- Please indicate **how much funding support** your Section provided and other source of funding support (if any) to each of these activities.
- Support each event by providing dates, number of attendees, type of event and a short description.
- Events can be humanitarian aid, sports driven by technology competitions, family bonding and orientation, etc.