



IEEE Bombay Section AGM

Saurabh Mehta

Secretary , IEEE Bomby Section

25th September 2021

Agenda

1. Welcome address by Section Chair
2. Brief Reports by Secretary on Section/Sub-Section/Chapter/AGs Activities
3. To approve the Minutes of the AGM FY2019-2020
4. Approval of
 - a. And the audited accounts and the auditor's report
 - b. The budget for the financial year 2020-21
 - c. To appoint the statutory auditor for the next year and to fix their remuneration
5. Questions, answers & discussion on Select Pre-submitted Questions
6. Vote of Thanks

Brief Report –IEEE Bombay Section

- ▶ Notable Awards :
 - IEEE Region 10 HTA Activities Outstanding Section Awards - IEEE SIGHT Bombay Pratham Chapter.
 - Shivam Grover & Anjali Masur - Winner of the Richard E. Merwin Scholarship for Spring 2021.
 - Dr.Anirban Sengupa – Many Awards and Accolades
- ▶ Grants : USD 9200)+
 - (SIGHT, YP, WIE, EAC, MDC, TPAC, SAC, & CS)

Brief Report –IEEE Bombay Section

- ▶ **Total Events :104+ (Committees + Chapters)**
 - Webinars
 - Expert Lectures
 - Meetings
 - Workshops
 - FDP
 - Leadership

- ▶ **Mega Events**
 - K.Shankar Award
 - EG 100 Games
 - Entrepreneurship Boot Camp
 - POCO

Brief Report –IEEE Bombay Section

- Upcoming Mega Events
 - Section Award
 - IBSSC-2021
 - Teachers' Congress
 - Students' Congress
 - TENSYP-2022



IEEE Bombay Section

Student Activities Committee
2021

Activities Conducted

- SAC Team meetup - 7th Feb 2021
- Pro Speaks Session - 13th Feb 2021
- Interview Masterclass - 25th March 2021
- IEEE BS SAC Team Orientation - 4th April 2021
- EG-100 Orientation - 7th April 2021
- IEEE BS YPAG STEP 2021 : 10th April 2021-11th April 2021
- Dot Your Design: 8th-9th May 2021
- SPECTRUMANIA (Started from 15th June 2021) (Monthly Activity on Instagram)
- Branch Counselors meet -26th June 2021
- Student Branch Chairpersons meet-31st July 2021
- IEEE BS-YP-MDC-SAC Skill Building Week -22nd August to 28th August 2021
- SMELT 2.0 (Section Membership Enhancement and Leadership Training)-28th to 31st Aug 2021

Upcoming Activities

25th September 2021	Meet n Greet 1
25th & 26th September 2021	IEEE BOMBAY SECTION UP SKILL 2021 (YP-SAC-NAGPUR Subsection)
9th October 2021	IEEE Day Celebration
16th October 2021	Wikirace - Technical Article Hunt
20th November 2021	Workshop on Simulation Software
18th December 2021	UX Design Contest + Workshop

Award/Grant/Achievement won by Committee

- ▶ **IEEE Bombay Section SAC-Winner of IEEE Region 10 SAC Membership Development and Leadership Training Fund 2021 for SMELT 2.0 (Section Membership Enhancement and Leadership Training)**
- ▶ **Pooja Verma-SAC Committee Volunteer Winner of the IEEE Region 10 Young Professionals REVOL 2021 Program & IEEE Region 10 Young Professionals Ambassador.**
- ▶ **Shivam Grover-SAC Committee Volunteer Winner of the Richard E. Merwin Scholarship for Spring 2021.**



IEEE Bombay Section

Technical & Professional Activities Committee
2021

Our
Team
Members

CORE COMMITTEE



DR. R.N. PATEL
CHAIR



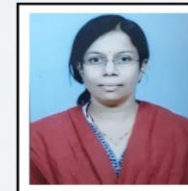
PROF. YESHUDAS MUTTU
VICE-CHAIR



HANNAN SATOPAY
SECRETARY



DR. PRAVIN WANKHEDE
MEMBER



DR. LALITA GUPTA
MEMBER



RUSHIKESH BODHE
STUDENT REPRESENTATIVE

TPAC VOLUNTEERS



AMAN KUMAR DEWANGAN



ATISH NAIK GAONKAR



BRITNEY MASCARENHAS



SHREYA SAWANT



AMAN BANTHIA



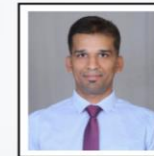
YASH GADA



MIHIKA SINGH



KAMESH RAO



YUGAL KISHOR



SWAPNENDU MUKHERJEE

Activities Conducted in the year 2021

Sr. No.	Name of the Activity	Organized in association/ sponsored by	Date
1	National Level Coding Competition	IEEE DBCE, NITR, SBJIT SBs hosted by CodeChef	4 th September 2021
2	National Level One Week Online Faculty Development Program on “Recent Trends in Energy Conversion Technologies: A Research Perspective”	Sharad Institute of Technology College of Engineering, Yadrav in association with IEEE BS TPAC	30 th August to 3 rd September 2021
3	2021 R10 - Panel of Conference Organizers (POCO) Virtual Workshop	Sponsored by IEEE R10 & IEEE Bombay Section	21 st August 2021
4	Webinar on “Social Media – A Red Herring for Personal Data Security and Privacy” by Dr. Hemant Adarkar	IEEE BS TPAC	3 rd July 2021
5	SKEP Session on “Advances in VLSI based signal processing and applications” by Dr. B. Satyanarayana	IEEE SPS, GS in collaboration with IEEE Bombay Section and IEEE SPS, Silver Oak University SBC under the Technical Talk Series 2021	26 th June 2021
6	SKEP Session on Renewable Energy using Concentrated Solar Power by Dr. Y.S. Rao at PCCOE&R, Ravet	IEEE BS TPAC	13 th April

Upcoming Activities

Sr. No.	Name of the Activity	Date
1	FDP on “Research Methodology, Research Publications and Patent Filing”	20- 24 September
2	SKEP Sessions at IEEE SB, Amrutvahini College of Engineering, Sangamner	October 2021
3	Hacktober Fest – IEEE Day	5 th October
4	National Level Hackathon	October 2021
5	Workshop Series	Nov-Dec 2021
6	National Level Project Competition	18 th December

Award/Grant/Achievement won by Committee

- ▶ Awarded US\$ 175 by IEEE Region-10 for organizing 2021 R10 POCO virtual workshop



IEEE Bombay Section

*Membership Development Committee
2021*

Activities Conducted

11 th June	MP Branch Counsellors meetup
21 st to 28 th Sept	Skill Building Week
25 th Sept	Final Year Project Seminar

Upcoming Activities

- ▶ Final year project idea competition (Sept)
- ▶ Student Branch Membership Promotion competition (Oct)
- ▶ Senior Member elevation drive (Nov)
- ▶ Mumbai Branch Counsellors meetup (Oct)
- ▶ Nagpur Branch Counsellors meetup (Nov)

Award/Grant/Achievement won by Committee

- ▶ USD 200 from R10 MDC for MDC project



IEEE BOMBAY
SECTION



IEEE Bombay Section

*Educational Activities Committee
2021*



Activities Conducted

February Webinar Series

1. Mr. Rizwan Naikwadi, Senior Sales Engineer at VMWare Solutions.
Topic: Virtualization and Modern Data Centre Technology.
Date and Time: 7th Feb 11:30 AM
2. Mr. Chintan Oza, Advisor at Lloyds Ventures
Topic: Future of Jobs.
Date and Time: 14th Feb 4:30 PM
3. Mr. Sunil Panchabhai, Founder at Ascen-Track Consulting on
Topic: Startups.
Date and Time: 21st Feb 11:30 AM
4. Mr. Sandeep Sharma, Vice President, Global Enterprise Business at Nokia Software
Topic: Industrial Internet of Things
Date and Time: 28th Feb 10:30 AM

Activities Conducted

March to July

IEEE Bombay Section EAC in association with CDAC Mumbai hosted EG 100 Educational Games Development Challenge. The challenge was a four-month journey that led to the development of wonderful games by student and Faculty Mentor participants. The games are now hosted on CDAC Portal.

June STTP

IEEE Bombay Section EAC in association with Department of Electrical Engineering, P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engineering & Management, Amravati, organized Two Week Online STTP on “Cultivation of Engineering Tools Based on Competencies in Engineering Community” from 31st May2021 to 12th June 2021.

Activities Conducted

July Virtual FDP

IEEE Bombay Section EAC in association with Rajarambapu Institute of Technology, Rajaramnagar, organized One Week Virtual Faculty Development program on Emerging Trends in Electric Vehicles and Infrastructure from 12th July to 17th July 2021.

September Teachers' Day Celebration

Teacher's Day Celebration on Sunday 5th September - Panel Discussion on the topic

Nurturing the Teacher Student Relation in the new millennium

Chief Guest - Dr. Milind Atrey, Dean R&D, IIT Bombay

Panel Members

1. Dr. Vivek Nanoti, Principal, PIET Nagpur
2. Dr. Abhilasha Mishra Dixit, Head of ENTC Department at MIT Aurangabad and
3. Dr. Shakti Sharma, Assistant Professor at Bennett University.

The student members are

1. Siddhesh Talokar, Manager, Jio Mumbai.
2. Chinmay Khuspare
3. Surashri Videkar

Upcoming Activities

- ▶ Virtual Faculty Development Program on Artificial Intelligence for Electrical Engineering in collaboration with Industry Experts
- ▶ EG 100 – Second Round of the competition

Award/Grant/Achievement won by Committee

IEEE Region 10 Educational Activities Project

- ▶ Approval of \$200 for the proposal submitted under 2021 Region-10 Call for Capacity Building Workshop under Educational Activity.
- ▶ The sanction of the fund of \$200 for the conduct of a proposal titled as “Promotion of interdisciplinary research (Virtual Faculty Development Program on Artificial Intelligence for Electrical Engineering in collaboration with Industry Experts in the domain.) (Proposal ID:371)” to IEEE IEEE Bombay Section Section under IEEE R-10 Capacity Building Workshop Under Educational Activity.



IEEE Bombay Section

Young Professional Affinity Group
2021

Activities Conducted

IEEE Bombay Section Young Professionals Affinity Group Meeting #1	16th August 2020
Importance of Professionalism to survive in the Professional World	23rd August 2020
IEEE Bombay Section Young Professionals Affinity Group Meeting #2	19th September 2020
Job Opportunities in Power and Energy Sector	19th September 2020
Evolving Future of Artificial Intelligence & Data Science and How Young Graduates can look for a career in this field	10th October 2020
Student Transition Elevation Partnership	12th December 2020
IEEE Bombay Section Young Professionals Affinity Group Meeting #3	31st January 2021
Future of Jobs	17th February 2021
IEEE Bombay Section Young Professionals Affinity Group Meeting #4	14th March 2021
DAY 1 IEEE STEP Student Transition Elevation Partnership 2021 (Overview of YP)	10th April 2021
DAY 2 IEEE STEP Student Transition Elevation Partnership 2021 (FINSTART)	11th April 2021
Webinar on Wind Energy	16th April 2021
Virtual Industrial Visit: Schneider Electric Plan Virtual Tour	30th April 2021
IEEE Bombay Section Young Professionals Affinity Group Meeting #5	11th July 2021
[25th IEEE YP Anniversary] Skill Building Week	22nd August - 29th August 2021
IEEE Bombay Section Young Professionals Affinity Group Meeting #6	19th September 2021
IEEE Bombay Section Upskill 2021	25th September - 26th September 2021

Upcoming Activities

- ▶ IEEE Bombay Section UpSkill 2021 (25th and 26th September 2021)
- ▶ IEEE Day 2021 Celebration (2nd Week of October 2021)
- ▶ IEEE YP 25th Anniversary Celebration (2nd Week of October 2021)
- ▶ IEEE YP Meet-Up (October/November 2021)

Award/Grant/Achievement won by Committee

- ▶ 500 USD for STEP 2021
- ▶ 750 USD for Local Activity (Skill Building Week 2021)
- ▶ 1500 USD for YP Meet-Up
- ▶ 550 USD for UpSkill 2021
- ▶ 2nd Prize (Dimple Khilwani & Chinmay Tompe) at YP Pitch Contest at R10 SYWL Congress 2020
- ▶ Jeet Dagha – IEEE India Council Outstanding YP Volunteer Award 2020
- ▶ Pooja Verma – Selected as R10 YP Ambassador (2021-22) and free IEEE Membership
- ▶ IEEE Bombay Section YP AG was one of the partners at IEEE R10 YP Sparklers Summit 2021



IEEE Bombay Section

Women in Engineering
2021

Our Goal is to facilitate the recruitment and retention of women in technical disciplines globally. We envision a vibrant community of IEEE women and men collectively using their diverse talents to innovate the benefit of humanity

Core Committee



Dr. Varsha Turkar
Chair



Dr. Sangita Chaudhari
Vice Chair



**Dr. Mugdha
Agarwadkar**
Secretary



**Dr. Ujawala
Bhangale**



Mohini Naik



Saumya Salián



Yeshudas Muttu



Pallavi Sapkale



Rushali Thakkar



Ulka Padwalkar



Komal Vyas

Activities Conducted

1. A webinar on “Read to Lead” Speaker: Mr. Sumeet Naik Columnist/Book Reviewer/Content Writer/Academician/ Motivational Speaker/Life Coach, 30 Jan. 2021
2. A talk on “Organ Donation” Speaker: Dr. Geetika Vashisth, Head - Operations and Outreach, ORGAN India, Parashar Foundation, 26 Feb. 2021, in association with IEEE SB SPIT, Mumbai
3. A Panel Discussion on “Women Empowerment: Work, Health and Society” 8 March 2021 in collaboration with IEEE WIE SBAG Shri Sant Gajanan Maharaj College of Engineering, Shegao
4. National Conference on Gender Bias in Technology 8 and 9 March 2021 in collaboration with Auro University, Gujrat and DBIT, Mumbai
5. Women’s day special “Video Making Contest” 15 Feb to 8 March 2021
6. A talk on “My Journey as Miss India International” Speaker: Ms. Tanvi Malhara, 9 March 2021 in association with IEEE SB SPIT, Mumbai
7. An Inspirational talk on “Stree@2021: Choose to Challenge” 13 March 2021 in association with WIE Affinity Group of IEEE-VSIT Student Branch, Mumbai

Activities Conducted

7. IEEE-IPA Women's Day Special event: A talk on "Technology & Challenges in ARBORNE Systems" Speaker: Ms. T. S. PADMA PRIYA, General Manager, SLRDC HAL, Hyderabad. and a panel discussion on "What Can Make Difference for Women in Stem" on 20 March 2021
8. A webinar on "Docker Cloud & Its applications" Speaker: Mr. Amar Kalvikatte, 27 March 2021 in association with IEEE DMCE Student Branch, Mumbai
9. "IEEE WIE Project Based Learning School Camp" from 3 to 11 April 2021 in collaboration with WIE Gujrat, Uttar Pradesh and Madras Section
10. "Ternion - IEEE WIE AG Bombay Section Website Launch, IEEE WIE AG Bombay Section Newsletter release and Declaration of Video Contest 2021 on Women's Winners" on 28 April 2021 organized by IEEE WIE Bombay Section Affinity Group
11. A two-day webinar series on "Introduction to French" Speaker: Ms. Ginelle Stavio Gonsalves, Director and Teacher at Kriya Waldorf inspired educational institute, 14 and 15 May 2021
12. A webinar on "Incorporating Universal Human Values and their fulfilment: Exploring our Aspirations and Concerns" Speaker: Rushali Thakkar, 15 May 2021

Activities Conducted



13. Seminar Series on “Women Back to Work” from 21st June -25th June 2021
14. An online Instructor led course on: “Fundamentals of deep learning” in association with NVIDIA on 26 June 2021
15. A webinar on “Cyber Awareness for the New Generation” 25 July 2021
16. Returning Mother Conference 2021 in association with IEEE WIE Singapore, Turkey, Madras, Delhi, Pune, Hyderabad, Gujarat, Kerala, Bangalore, Uttar Pradesh sections, 28-29 Aug.2021

Upcoming Activities



1. IEEE Day celebration: IEEE members: Experience, 9 Oct. 2021
2. A Webinar on Awareness about PCOD, Second Week of November

Award/Grant/Achievement won by Committee



- ▶ Rs. 24500/- + 2000\$ funding received for 3 events



IEEE Bombay Section

*Standing Committee on Industry Relations
2021*

Activities Conducted

Organized lectures on recent technology development activities by reputed professionals from India and abroad in IEEE Bombay Section forum. Some of the recent lectures arranged in IRC lecture series are given below:

- “Recent advancement on high voltage equipment and technologies” by Dr. Z. H. Sholapurwala, Chairman & Managing Director, Zeonics Systech Defence & Aerospace Engineers Pvt. Ltd., Bangalore, India.
- “Latest trends in MV switchgears: Greener, safer, smarter, higher life cycle value” by Shri Subhro Roy, Engineering Manager, Regional Application Center (RAC), Asia Pacific, Schneider Electric.
- “Cloud adoption - need, challenges and way forward” by Shri Akhilesh Laddha, Cloud Practice Director, Wipro Digital, USA.

IEEE IRC BOMBAY SECTION Join the WEBINAR

IRC Lecture Series of IEEE Bombay Section

Latest Trends in MV switchgears : Greener, Safer, Smarter, Higher Life Cycle Value

September 4, 2021 5:00 PM - 6:00 PM

SUBHRO ROY
Engineering Manager
Regional Application Centre (RAC),
Asia Pacific (APAC),
Schneider Electric.

Speaker

webex Link: <https://bit.ly/2Wg9RZW>
Password: SpSZ8lqvz22

Review of existing Technology of MV Switchgear by Insulation Technology

- All Insulated Switchgear
- SF6 gas is Phase to Earth and phase to phase insulation
- Low footprint compared to AS
- Suitable for expansion to severe environments (IEC 60721-3-3):
 - Altitude >2000m with no derating
 - Temperature and humidity exceeding standard service conditions
 - Explosion risk mitigation - various fire and explosion protection measures
- Lower probability of internal arc
- Lower maintenance
- Classification per IEC standard 62271-200:
 - Requirements for SF6 gases (IEC 62276 for new SF6 (21)
 - Gas pressure monitoring (0.25.1)
 - Gas tightness (0.55) Solid pressure systems (20, 30, 40 year)
- Accessibility: SF6 compartments are generally non-accessible
- Level of internal arc withstand (IAC-A/F/U) ->0kA/1sec

Upcoming Activities

- Planning and conducting activities to encourage and strengthen the professional relationship among various industries, research organizations and academic institutes within the geographical domain of IEEE Bombay Section.
- Visiting local industries within geographical domain of IEEE Bombay Section to motivate them for participation in IEEE activities.
- Organising lectures on recent technology development activities by reputed professionals from India and abroad on IEEE platform.
- Organising meetings of IRC Volunteers at regular intervals.
- Contacting various industries for co-sponsorship and participation in flagship events of IEEE Bombay Section IBSSC-2021 at IIIT, Gwalior as well as in Region-10 TENSYP-2022 at IIT, Mumbai.

Award/Grant/Achievement won by Committee

- IRC activities have strengthened the professional relationship among various industries, research organizations and academic institutes, thus helping to establish an effective industry-academia interface in the country.
- IRC activities have helped in contacting around 500 industries for co-sponsorship and participation in IEEE Bombay Section Signature Conference (IBSSC-2021).
- Prospective IRC Volunteers have been nominated for consideration of 2021 IEEE R10 WIE Outstanding Volunteer Award and 2021 Best IRC Volunteer Award.

M. K. Badapanda
Chair, IRC, IEEE BS



IEEE Bombay Section

SIGHT – Pratham 2021

Activities Conducted

Date	Name of the event	Speaker
11/3/2021	Learn from Leaders	Mr. Dinesh Israni, Deepak Mathur, Jing Ding
16/4/2021	Outreach programme - GOA	Mr. Yeshudas Muttu, Mohini Gadekar
26/4/2021	HR Conclave	Nikhil Kaushik
28/4/2021	SIGHT day celebration	Dr. Ashwini Kotrashetti, Prof. Vaishali Baste, Pooja Dhende
19/5/2021	IEEE SIGHT ORIENTATION PROGRAM	Dr. Mahndi
22/5/2021	GIS and Remote Sensing - Introduction to the primer	Ms. Aditya Allamraju
19/6/2021	Divisional Outreach – GOA	GOA College
9/7/2021	Divisional Outreach-NAGPUR	NAGPUR colleges
11/7/2021	Divisional Outreach – Mumbai	Mumbai Colleges
8/7/2021	"Overview of IEEE Regional Activities"	Professor Lance Fung, IEEE Asia Pacific Region (R10) Director-Elect and Dr. Vijayalaxmi Biradar, Past, Recipient IEEE SIGHT & HAC Project - Hyderabad
24/7/2021	CYBER AWARENESS	Dr. Aarti Karande and Prof. Rushali Thakkar
5/8/2021	Webinar on Introduction To Robotics	Deepak Mandal, Prashant Jaiswar (Founder ,Edurang Technology) Vidya Vardhani college of engg vasai
27/8/2021	IEEE and SIGHT awareness	Prof. K.T. Talele and Dr. Aarti Karande महाराणी अहिल्यादेवी समाज प्रबोधन मंच, महाराष्ट्र राज्य, मुंबई विद्यार्थी आघाडी

Upcoming Activities

- ▶ 1. virtual tour of sanctioned project to the volunteers
- ▶ 2. Hybrid mode training session for volunteers

- ▶ (Some undeclared activities can also)

Award/Grant/Achievement won by Committee

- SIGHT Day 2021 Trivia Challenge Raffle Winners- Vaishnavi Nandkishor Patil, Aachal Chhotelal Tembare.
- R 10 HTA Video Contest 2021 winners.
- Prof. Vijayalaxmi Kumbar , received IEEE Pre-University STEM Portal Grant proposal, "Epoxy Based Solar Panel Making Workshop" award for \$2000.
- Proposal “ Autonomous Sanitizing Floor Cleaner Robot ” (R10-HTA-020) in response to the IEEE Region 10 & IEEE HAC Special Call for Proposals: Addressing Local Needs During COVID Time for \$332.
- IEEE Region 10 HTA Activities Outstanding Section Awards - IEEE SIGHT Bombay Pratham Chapter.



IEEE Nagpur Sub-Section

Subsection Activities
2021

Activities Conducted

INDISCON 2021



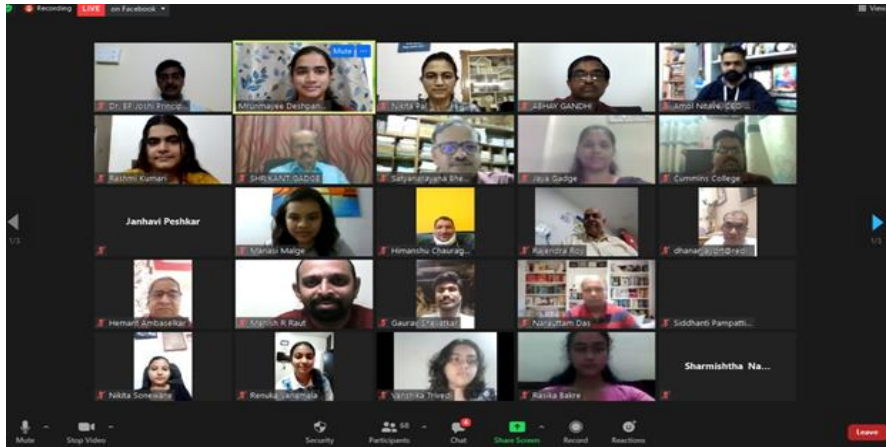
Total Submissions: 124, Accepted 32, Presented 22, Keynotes 6

Activities Conducted

Webinars Organized

1	Webinar on Electric Vehicles	10th Jan 2021
2	Overview of Microgrid: Thailand Case Studies	3 rd Apr 2021
3	Project Based Learning –A Reasearch Pathway For Students	4 th Apr 2021
4	Signal Processing For Assisitive Listening Devices	9 th Apr 2021

Activities Conducted



Innovex C2P 2021 event under IEEE Technology & Engineering Management Society (**TEMS**)

Organized by : MKSSS' Cummins College of Engineering for Women, Nagpur

Dates: 30th and 31st July 2021.

Webinar on IEEE Membership and Global Benefits

Organized by : RCOEM, Nagpur

Dates: 12 March 2021.

Upcoming Activities

The Upcoming Flagship Events under IEEE Nagpur Sub-Section:

1. GabFest 2021- September, 2021
2. IGNITE 2021- October, 2021
3. IEEE Nagpur Sub-Section Congress- December, 2021



IEEE Nagpur Sub-Section

Student Activities Committee
2021

Activities Conducted

IEEE
NAGPUR SUBSECTION

Webinar on
Deep Dive into Research Opportunities!

Ramneek Kalra
Project Engineer, Wipro Limited India |
IEEE Impact Creator

30th May | 5PM (IST) | Webex Meet

<http://bit.ly/NSSSACdeepdrive> | SCAN HERE

IEEE Nagpur Subsection

Webinar on Deep Dive Into Research Opportunities

Speaker: Mr. Ramneek Kalra

Participants: 80

IEEE
NAGPUR SUBSECTION

Student Activities Committee
Invites All SB Counsellors To
**STUDENT BRANCH COUNSELLOR'S
Virtual Meeting**

12 June, 2021
6:00 - 7:30 PM

SAC- Student Branch Counsellor's Virtual Meeting

Members Present: 20

Activities Conducted



Webinar- Insights of Cybersecurity
Speaker: Mr. Tushar Kulkarni
Participants: 110



Automobile Skill Development & Session on How to Face an Interview
Speaker: Mr. Kamlesh Umale
Founder, Lenergy Mobility
Participants: 120



Session on IoT and Robotics
Speaker: Mr. Akhil Thakre
Participants: 70



SAC SB Chairs & VC's Meeting 2021
Members Present: 40

Upcoming Activities

The Upcoming Flagship Events under IEEE Nagpur Sub-Section:

1. GabFest 2021- September, 2021
2. IGNITE 2021- October, 2021
3. IEEE Nagpur Sub-Section Congress- December, 2021

Award/Grant/Achievement won by Committee



Mr. Shivam Grover SSR, IEEE Nagpur Subsection

IEEE CS Richard E. Merwin Scholar, Spring 2021



Ms. Trushita Sonkusre

Best IEEE Pes Day WIE- Ambassador

Mr. Malhar Deshkar

IEEE R10 HTA Video Contest runner up

Achievements

1. IEEE Region-10 HTA Highlight Video Contest

On 30th July 2021, Mr. Malhar Deshkar, from our SB secured 2nd position in the IEEE Region-10 HTA Highlight Video Contest. The title of their video was "Advanced Touchless Sanitizer Dispenser" and the video showed the detailed working of their project with all the necessary tools required to build it. A virtual felicitation ceremony is scheduled around Mid of August, 2021.



IEEE Bombay Section

*Joint PES/IAS Chapter
2021*

Committee Members

Prof. SV Kulkarni, EE Dept, IIT Bombay – **Chair**

Prof. Trapti Jain, EE Dept, IIT Indore – **Vice Chair**

Mr. Bishnoi Bhanwar Lal, Schneider Electric India – **Vice Chair**

Prof. Arghya Mitra, VNIT Nagpur – **Secretary**

Dr. Girish Talapur, Hind Rectifiers Limited – **Treasurer**

Activities Conducted

- ▶ March 1 @ 5:00 pm: A talk on “Towards 100% Renewable Energy” by Prof. Ashok Jhunjhunwala, Padmashri, Institute Professor at Indian Institute of Technology Madras
- ▶ March 11 @ 7.30 pm: A talk on “Using the power of Data Analytics in Electric Utilities” by Dr. Siri Varadan of Hitachi Power Grids (Erstwhile ABB Power Grids)
- ▶ April 22: Advanced Situational Awareness and Control of Future Power Systems: Webinar by Prof. Vladimir Terzija
- ▶ 19 – 23 April 2021: One week online workshop on Basics of Mechatronics and TIA Portal:
- ▶ April 26 @7.00 pm: A talk on “Applications of High Voltage Engineering in Sustainable Technologies” by Dr. Prem Ranjan, Post-Doc Researcher, University of Manchester, UK.
- ▶ May 11 @7.00 pm: A talk on “Teaching the first course on Power Engineering to the Undergraduate Students: Opportunities and Challenges” by Prof. Sukumar Brahma, Dominion Energy Distinguished Professor of Power Engineering at Clemson University, USA.
- ▶ June 23 @7.00 pm: A talk on “Keeping our power grid secure-What should we worry about?” by Prof. Sandeep K Shukla, Joint Coordinator, C3i Center and The National Blockchain Project, Department of Computer Science and Engineering, IIT Kanpur
- ▶ August 2nd @ 7.00 pm: A Talk on “Grid Modernization: Technological Advancements Beyond Smart Grid” by John D. McDonald, IEEE PES Past President, IEEE Life Fellow, CIGRE Honorary Member (2021), CIGRE Distinguished Member (2016), GE Renewable Energy – Grid Solutions US.
- ▶ August 28 @ 7.00 pm: A talk by Mr. A. Sundaresan, Chief Electrical Distribution Engineer, Southern Railway, Government of India on “The Indian Railways the growth engine of the nation – challenges and opportunities”.

Upcoming Activities

- ▶ **Organize about two webinars every month by eminent speakers from India and abroad on the following topics:**
 - **Renewable Energy Integration**
 - **Data analytics in Smart Grid**
 - **Cyber Security in Smart Grid**
 - **Demand Side Management**
 - **Smart Metering Solutions**
 - **Electric Vehicles – Integration, Battery Management**
 - **MV Switchgear Trends**
 - **Power System Protection and Numerical Relays**
 - **Power System Restructuring**
 - **HVDC Transmission**



IEEE Bombay Section

IEEE Photonics Society
2021

Activities Conducted

Webinar 1: - Date: 22nd May 2021,Topic: Silicon Photonics Technology: Progress and Application;Speaker: Prof. Bijoy Krishna Das,IIT Madras

Webinar 2: (Jointly organized with student chapter) -Date: 5th June 2021;Topic: Silicon Photonics Technology for Next-Generation Connectivity and Sensing; Speaker: Prof. Shankar Kumar Selvaraja,IISc Bangalore

Webinar 3: (Jointly organized with student chapter) -Date: 16th June 2021;Topic: Programmable Photonics; Speaker: Prof. Wim Bogaerts,Ghent University-IMEC

Webinar 4: (Jointly organized with student chapter)-Date: 30th June 2021; Topic:Biophotonics: Optical Nanoscopy and Quantitative Phase Microscopy;Speaker: Prof. Dalip Singh Mehta,IIT Delhi

Webinar 5: (Jointly organized with student chapter)-Date: 17th July 2021;Topic: Quantum Communications;Speaker: Prof. Urbasi Sinha,RRI Bengaluru

Webinar 6: (Jointly organized with student chapter)-Date: 21st August 2021;Topic:SYNOPSIS: RSoft Photonic Device Tools & Photonic System Tools; Speaker:Mr. Pravin Joshi

Webinar 7: (Jointly organized with student chapter)-Date: 5th September 2021;Topic:Semiconductor Nanostructures for Optoelectronics Applications; Speaker:Prof. Chennupati Jagadish

Upcoming Activities

- ▶ A few more webinars
- ▶ Outreach program activities in schools & distribution of optics kits
- ▶ Organising IEEE Workshop on Recent Advances in Photonics (WRAP) in December 2021 (*because of logistical issues now rescheduled in March 2022*)

IEEE Bombay Section CS Chapter



Contact us:

- Chair person :
Prof. Shayamasundar (shyamasundar@gmail.com)
- Vice chairperson :
Prof. Virendra singh (viren@ee.iitb.ac.in)
- Chapter Secretary:
Saurabh Soni (saurabh.soni@ieee.org)
- Student Coordinator:
Anjali Masur (anjalimasur@ieee.org)
- 250+ Members
- 16 SB CS Chapters (8 active)
- 3 REM Scholars

CS CHAPTER BOMBAY SECTION


Number	Date	Event	Attendees
1	20 th March 2021	Keynote on: Logic & Knowledge for security Theory	75
2	23 rd March 2021	Webinar on: Cloud Computing: a Revolutionary for all Industry.	107
3	30 th March 2021	Webinar on: Transformation of Students life to Professional	115
4	10 th April 2021	Keynote on: Drones, Robot & IOT , A data management Opportunity	50+
5	9 th May 2021	Workshop on: AI energy saving device	45
6	29 th May 2021	Webinar on: Industrial IOT & Data Analytics	62
7	26 th June 2021	Keynote on: Key Logistics & Supply Chain challenges	45
8	2 nd August 2021	Workshop on Data Analytics	90+
9	12 th August 2021	Felicitation & CS Membership drive	35+
10	5 th September 2021	IEEE Computer Society Programing League 2020	380+ participants (255 teams)

76th IEEE COMPUTER SOCIETY BOMBAY SECTION

Keynote Session on :
'Logics & Knowledge for Security Theory'
 "Does she know that I know that she does not know"


Date: 20th March 2020 at 5-6 PM IST

Keynote Session by:



Prof. R. Ramanujam
 Professor, Theoretical Computer Science,
 Institute of Mathematical Sciences, Chennai

Register at: <https://bit.ly/IEEECSBombay>



IEEE BOMBAY SECTION 76th IEEE COMPUTER SOCIETY

Keynote Session on :
"Drones, Robots & IOT : A Management Opportunity"

Date: 10th April 2020 at 6-7 PM IST

Keynote Session By:



SIR, JOHN D MCDONALD, PE
 IEEE Life Fellow, Director, Technical Strategy & Policy Development, GE Digital Energy USA

Register at: <https://bit.ly/IEEECSBombay>



IEEE BOMBAY SECTION

Felicitation Ceremony

Join us to celebrate the achievements of the IEEE Bombay Section Computer Society Volunteers

Date: 12th August

Time: 6:00 PM IST

CONTACT US
<https://r10.ieee.org/bombay-cs/>



https://bit.ly/CS_Fc

IEEE BOMBAY SECTION

IEEE COMPUTER SOCIETY BOMBAY SECTION CHAPTER

IEEE HYDERABAD SECTION

IEEE COMPUTER SOCIETY Hyderabad Section Chapter

IEEE COMPUTER SOCIETY PROGRAMMING LEAGUE 2021

A 12-HOUR CODING COMPETITION

Prizes:

- Winner: Cash prize of ₹ 4000
- 1st Runner Up: Cash prize of ₹ 2000
- 2nd Runner Up: Cash prize of ₹ 1500
- Additional Prizes for Winner and Runner-Ups: Free IEEE CS Membership

REGISTRATION LINK : <https://tinyurl.com/IEEE-CSPL-2021>

IN ASSOCIATION WITH

IEEE STUDENT BRANCH CHAPTER **IEEE STUDENT BRANCH CHAPTER** **IEEE STUDENT BRANCH CHAPTER** **S & JEE Student Branch Chapter**



IEEE COMPUTER SOCIETY BOMBAY SECTION CHAPTER

Invites you to Join Webinar

Topic: Industrial IoT and Data Analytics

- Overview of challenges of IT - OT integration.
- Where should the data reside (edge/fog/cloud).

Keynote Session Delivered by:



Dr. Sithu D Sudarsan
 Head, Centre for Development of Advanced Computing (C-DAC) Bengaluru.

Date: 29th May 2021
Time: 05-06 PM IST

Register at: <https://tinyurl.com/IEEECSBombay>



IEEE COMPUTER SOCIETY BOMBAY SECTION CHAPTER

Invites you to Join Webinar

Topic: Key logistics and supply chain challenges

- Overview of challenges of Supply Chain
- How to manage logistics for SME & MNC

Keynote Session Delivered by:



Prof. Manoj Kumar Tiwari
 FNAE, FNAS, FITE, FISE (USA) FIETI
 Director, NIIH, Mumbai.

Date: 26th June 2021
Time: 05-06 PM IST

Register at: <https://tinyurl.com/IEEECSBombay>



IEEE BOMBAY SECTION

DATA ANALYTICS
 LET THE DATA SPEAK

JIGAR BHATT
 DATA ANALYTICS EXPERT, DATA SCIENCE CONSULTANT, DATA ENGINEER, DATA ARCHITECT

Date: 1st AUGUST 2021
Time: 11am - 2:30pm

IEEE BOMBAY SECTION

IEEE COMPUTER SOCIETY Global Grant for CS Chapter

Payment to the Bombay Computer Society Section Chapter (CH10246) External Inbox x



Kerry Cosby
to saurabh.soni, kiran.talele.1968

Wed, May 26, 6:29 PM (7 days ago) ☆ ↶ ⋮

Saurabh,

I have submitted the request for a transfer of \$500 to the Bombay Computer Society Section Chapter (CH10246). It should reach your account by the middle of June. Please let me know when you receive it.

Best,

Kerry

Mr. Kerry A. Cosby | Chapters Manager | IEEE Computer Society

The Community for Technology Leaders

(Office) 202-778-4708

k.cosby@computer.org

www.computer.org



- ▶ IEEE CS Bombay Recently received Grant of 500 \$ for its activity.

IEEE Bombay Section CS Chapter Upcoming Events

- **IEEE 75 years of celebration**
- **IEEE Day Celebration**

Accounts

Thank you !