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.
  - Dr. Anirban Sengupta – 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
  - TENSYMP-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

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>25th September 2021</td>
<td>Meet n Greet 1</td>
</tr>
<tr>
<td>25th &amp; 26th September 2021</td>
<td>IEEE BOMBAY SECTION UP SKILL 2021 (YP-SAC-NAGPUR Subsection)</td>
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<tr>
<td>9th October 2021</td>
<td>IEEE Day Celebration</td>
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<tr>
<td>16th October 2021</td>
<td>Wikirace - Technical Article Hunt</td>
</tr>
<tr>
<td>20th November 2021</td>
<td>Workshop on Simulation Software</td>
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<tr>
<td>18th December 2021</td>
<td>UX Design Contest + Workshop</td>
</tr>
</tbody>
</table>
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.

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

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of the Activity</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FDP on “Research Methodology, Research Publications and Patent Filing”</td>
<td>20-24 September</td>
</tr>
<tr>
<td>2</td>
<td>SKEP Sessions at IEEE SB, Amrutvahini College of Engineering, Sangamner</td>
<td>October 2021</td>
</tr>
<tr>
<td>3</td>
<td>Hacktober Fest – IEEE Day</td>
<td>5&lt;sup&gt;th&lt;/sup&gt; October</td>
</tr>
<tr>
<td>4</td>
<td>National Level Hackathon</td>
<td>October 2021</td>
</tr>
<tr>
<td>5</td>
<td>Workshop Series</td>
<td>Nov-Dec 2021</td>
</tr>
<tr>
<td>6</td>
<td>National Level Project Competition</td>
<td>18&lt;sup&gt;th&lt;/sup&gt; December</td>
</tr>
</tbody>
</table>
Award/Grant/Achievement won by Committee

- Awarded US$ 175 by IEEE Region-10 for organizing 2021 R10 POCO virtual workshop
## Activities Conducted

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
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<tbody>
<tr>
<td>11(^{th}) June</td>
<td>MP Branch Counsellors meetup</td>
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<tr>
<td>21(^{st}) to 28(^{th}) Sept</td>
<td>Skill Building Week</td>
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<tr>
<td>25(^{th}) Sept</td>
<td>Final Year Project Seminar</td>
</tr>
</tbody>
</table>
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

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
   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

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 12\textsuperscript{th} July to 17\textsuperscript{th} July 2021.

**September Teachers’ Day Celebration**

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

- IEEE Bombay Section UpSkill 2021 (25\textsuperscript{th} and 26\textsuperscript{th} September 2021)
- IEEE Day 2021 Celebration (2\textsuperscript{nd} Week of October 2021)
- IEEE YP 25\textsuperscript{th} Anniversary Celebration (2\textsuperscript{nd} 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
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 Salian

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

Activities Conducted

14. An online Instructor led course on: “Fundamentals of deep learning” in association with NVIDIA on 26 June 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

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.
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 TENSYMP-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

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


• 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

<table>
<thead>
<tr>
<th></th>
<th>Webinar Title</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Webinar on Electric Vehicles</td>
<td>10th Jan 2021</td>
</tr>
<tr>
<td>2</td>
<td>Overview of Microgrid: Thailand Case Studies</td>
<td>3rd Apr 2021</td>
</tr>
<tr>
<td>3</td>
<td>Project Based Learning – A Research Pathway For Students</td>
<td>4th Apr 2021</td>
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<tr>
<td>4</td>
<td>Signal Processing For Assistive Listening Devices</td>
<td>9th Apr 2021</td>
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</tbody>
</table>
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.

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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

Webinar on Deep Dive Into Research Opportunities

Speaker: Mr. Ramneek Kalra
Participants: 80

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, Linergy 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.
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”.

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

Goes she knows that I know that she does not know?

Date: 20th March 2020 at 5:30 PM IST

Keynote Session by:
Prof. R. Ramanujam

Register at: https://dl4g/IeeeCSBombay

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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, P.E.
IEEE Life Fellow, Director Technical Strategy & Policy Development, GE Cyber Energy CSA

Register at: https://dl4g/IeeeCSBombay

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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

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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. Sibi D Sudhaman

Register at: https://dl4g/IeeeCSBombay

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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 Tirari

Register at: https://dl4g/IeeeCSBombay

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IEEE COMPUTER SOCIETY Global Grant for CS Chapter

Payment to the Bombay Computer Society Section Chapter (CH10246)  

Kerry Cosby  
to saurabh纠错, krann talie1 1968  

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

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!