AGM 2022
23rd July 2022
IEEE Bombay Section AGM

Saurabh Mehta
Secretary, IEEE Bombay Section
23rd July 2022
Agenda

1. Welcome address by the Section Chair
2. Brief Reports by the secretary on Section Activities
3. To approve the Minutes of the AGM 2021
4. To approve the books of accounts FY 2021-22
5. To approve the budget for FY 2022-23
6. To elect section office bearers for the year 2023
7. Address by the chair-elect
8. Section Award Distribution
9. Questions, answers & discussion on selected pre-submitted Questions
10. Vote of Thanks
Highlighted Events:

- IBSSC 2021
- STEM Phase -1
- Director/Principals Meet (Part of I3 Connect)
- Student Congress
- Induction Program
- Teacher’s Congress
- Tensymp 2022
- Awards (PR Bapat & FC Kohli)
- FDPs
- STEM Phase-2
- POCO 2022
- Carbon NET-ZERO
- IBSSC 2022
Brief Report – Highlights of Activities

Total Events: 100+ (Committees + Chapters)
- Competitions
- Talks/Webinars
- Workshops
- Industrial Visit
- Meetings
- FDP
- Leadership
- Conferences
Brief Report –IEEE Bombay Section

- Awards/Grants
  - USD 8350 (**Committees** + **Chapters**)
IEEE Bombay Section

Student Activities Committee
2022
Activities Conducted

- NVidia Deep Learning Workshop - 29th January 2022
- IEEE Bombay Section Student Congress - 26th & 27th February 2022.
- IEEE BS SAC Volunteers Induction Meet-9th April 2022
Upcoming Activities

- SPECTRUMANIA (Monthly on Instagram)
- Project and Product Development Competition
- BC and CP Meet (Nasik, Goa, Kolhapur, Mumbai)
- SMELT 3.0
- IEEEXtreme Overflow Competition – Collaborative Event
- IEEE Day Celebration + Competition
- Research Conference for Students
- SB Website Designing Competition, SB Digital marketing Competition
Award/Grant/Achievement won by Committee

1. IEEE Bombay Section SAC Winner of IEEE Region 10 SAC Membership Development and Leadership Training Fund 2022 for SMELT 3.0 (Section Membership Enhancement and Leadership Training)-USD 400 Funding

1. IEEE Bombay Section SAC Winner of IEEE Region 10 Section Student Branch Revival Fund 2022-Prize Money-USD 200 for each Project:-

- Revival of Dormant Branches under IEEE Bombay Section for:
  2. Goa Region
  3. Nashik Region
IEEE Bombay Section

Technical & Professional Activities Committee
2021
### Activities Conducted

<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>4&lt;sup&gt;th&lt;/sup&gt; September</td>
</tr>
<tr>
<td>2</td>
<td>Hacktober Fest</td>
<td>IEEE BS TPAC</td>
<td>5&lt;sup&gt;th&lt;/sup&gt; October – 24&lt;sup&gt;th&lt;/sup&gt; October</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>21&lt;sup&gt;st&lt;/sup&gt; August</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>3&lt;sup&gt;rd&lt;/sup&gt; July</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>26&lt;sup&gt;th&lt;/sup&gt; June</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>13&lt;sup&gt;th&lt;/sup&gt; April</td>
</tr>
</tbody>
</table>
# Upcoming Activities

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of the Activity</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Celonis Student Event: Collaboration</td>
<td>July</td>
</tr>
<tr>
<td>2</td>
<td>Skill Development Sessions/Workshops (2-3 days) at</td>
<td>Aug - Dec</td>
</tr>
<tr>
<td></td>
<td>● Kolhapur</td>
<td></td>
</tr>
<tr>
<td></td>
<td>● Goa</td>
<td></td>
</tr>
<tr>
<td></td>
<td>● Mumbai</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>IEEE R10 POCO 2022</td>
<td>Aug</td>
</tr>
<tr>
<td>4</td>
<td>National Level Coding Competition</td>
<td>Oct</td>
</tr>
<tr>
<td>5</td>
<td>National Idea Competition</td>
<td>Sept - Oct</td>
</tr>
</tbody>
</table>
Upcoming Activities

- Hands-on Workshop Session at VSIT, Mumbai on 30th July, 2022
- Monthly Fireside Chat (Virtual Session)
- YP General Meetup at WeWork, Mumbai on 31st July, 2022 (Hybrid)
- YP Awareness Program + Discord Community Launch (August)
- Cygnus Event at GHRCE, Nagpur on 5-6 August, 2022 (Offline)
- Internship-cum-Training Program (Mid September)
- YP-Student Joint Activity (September/October)
- Hands-on Development Workshop at Sandip University, Nashik (September)
- YP Local Activity in September (Hybrid)
- IEEE STEP Activity (September/October)
- YP Meetup at Goa by end of November (Offline)
Award/Grant/Achievement won by Committee

● Online Professional Development Certificate Courses offered by IEEE Learning Network awarded to two YP Members (29$ each)
● 16,900$ in credits received from Interview Cake Platform
● 10,000$ AWS credits
● 100 x 50% off discount on Arduino Certification (Discounted price of 15$ instead of 30$)
IEEE Bombay Section

Membership Development Committee
2021
Activities Conducted

- A Seminar / Webinar on IEEE Membership Benefits conducted as per below details :-

1) Teacher’s Congress 2022 at IBIS Hotel, Nashik on 25\textsuperscript{th} March 2022

2) Sardar Patel Institute of Technology, Andheri on 13\textsuperscript{th} April 2022

3) Vivekanand Education Society’s Polytechnic, Chembur on 14\textsuperscript{th} May 2022

4) During FDP Conducted by EAC

- A Can Satellite Workshop in collaboration with IEEE BS AESS at SAKEC, Chembur on 30\textsuperscript{th} April 2022

- MDC Booth Setup During Tensymp 2022 scheduled from 1\textsuperscript{st} – 3\textsuperscript{rd} July 2022
Upcoming Activities

IEEE Bombay Section’s Branch Counsellor Meet 2022 is organised on 23rd July 2022 at IBIS Hotel, Nashik

A Seminars on IEEE Membership Benefits are scheduled as per below details :-

1) Rizvi College of Engineering, Bandra on 29th July 2022
2) MGM's College of Engineering and Technology, Kamothe on 4th August 2022

IEEE Bombay Section’s POCO 2022 on 30th July 2022 at MPSMTE, Mumbai
### Achievement / Progress by Committee

#### IEEE Bombay Section’s Member and Affiliates Statistics

<table>
<thead>
<tr>
<th>IEEE Grade Category</th>
<th>April 2022</th>
<th>May 2022</th>
<th>June 2022</th>
<th>July 2022</th>
<th>% Increase / Decrease</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate Member</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>17</td>
<td>142.85</td>
</tr>
<tr>
<td>Fellow</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>0.00</td>
</tr>
<tr>
<td>Graduate Student Member</td>
<td>274</td>
<td>327</td>
<td>355</td>
<td>331</td>
<td>20.80</td>
</tr>
<tr>
<td>Life Fellow</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>0.00</td>
</tr>
<tr>
<td>Life Member</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>0.00</td>
</tr>
<tr>
<td>Life Senior Member</td>
<td>19</td>
<td>19</td>
<td>19</td>
<td>19</td>
<td>0.00</td>
</tr>
<tr>
<td>Member</td>
<td>413</td>
<td>437</td>
<td>479</td>
<td>653</td>
<td>58.11</td>
</tr>
<tr>
<td>Senior Member</td>
<td>245</td>
<td>268</td>
<td>269</td>
<td>277</td>
<td>13.06</td>
</tr>
<tr>
<td>Student Member</td>
<td>1516</td>
<td>1726</td>
<td>1829</td>
<td>1840</td>
<td>21.37</td>
</tr>
<tr>
<td>Other Grades Affiliate</td>
<td>5</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>40.00</td>
</tr>
<tr>
<td>Total</td>
<td>2500</td>
<td>2813</td>
<td>2980</td>
<td>3165</td>
<td>26.60</td>
</tr>
</tbody>
</table>

*Source: IEEE OU Analytics*
IEEE Bombay Section

Educational Activities Committee
2021
### Activities Conducted

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name of Activity</th>
<th>Date of conduct</th>
<th>Sponsorship</th>
<th>No of Volunteering Institutes</th>
<th>No of programs</th>
<th>Outcome</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Collaborative STEM education Initiative- Phase -I</td>
<td>1\textsuperscript{st} January 22 to 31\textsuperscript{st} March 22</td>
<td>1,300,000/-</td>
<td>10</td>
<td>21 workshops</td>
<td>265 volunteers trained 1496 school students &amp; 77 school teachers</td>
<td>1 SB backed out due to NBA visit</td>
</tr>
<tr>
<td>2.</td>
<td>Collaborative FDP</td>
<td>6\textsuperscript{th} June 22 to 16\textsuperscript{th} July 22</td>
<td>1,42,000/- (planned)</td>
<td>16</td>
<td>7 FDP</td>
<td>500+ faculty members attended</td>
<td>1 is pending and will be completed before 31\textsuperscript{st} August</td>
</tr>
</tbody>
</table>
## Upcoming Activities

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name of Activity</th>
<th>Date of conduct</th>
<th>Sponsorship from BS</th>
<th>No. of Volunteering Institutes</th>
<th>No of programs</th>
<th>Outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Collaborative STEM education Initiative- Phase - II</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; July 22</td>
<td>1,43,000/-</td>
<td>14</td>
<td>28 workshops</td>
<td>We expect to cover 28 schools and train 1000+ students</td>
</tr>
<tr>
<td>2.</td>
<td>Collaborative FDP</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; to 16&lt;sup&gt;th&lt;/sup&gt; July 22</td>
<td>From the amount already granted by IEEE BS for summer break FDPs</td>
<td>Planning phase</td>
<td>3 FDP</td>
<td>More colleges will collaborate and conduct on emerging area</td>
</tr>
</tbody>
</table>
Award/Grant/Achievement won by Committee

- IEEE R10 EAC Capacity Building Workshop
  - Lochan Jolly ($250)
  - Prachi Prasanna Palsodkar ($350)

- IEEE R10 EAC Try-Engineering And STEM
  - Lochan Jolly ($150)
  - Mayur Vishnu Parulekar ($150)

- IEEE R10 EAC Reaching Local Initiative
  - Lochan Jolly ($200)

Total=1100$ from R10
IEEE Bombay Section

Section Awards Committee

2022
Activities Conducted

- K. Shankar Meritorious Paper Awards 2021
  - Announcement, Portal Preparation, Nomination Form Design
  - Reviewers and Jury Assignment, categorization and results preparation
- P R Bapat Outstanding Volunteer Award 2018, 2019 and 2021
  - Evaluation of nominations, certificates, plaque preparation etc..
- F C Kohli Lifetime Service Award 2021
  - Criteria finalization, membership data, list of recipients, data from recipients etc.
Upcoming Activities

- Various Section Awards Announcements
- Evaluation of Nominations
- Certificates Preparation
- Planning of K Shankar presentation in IBSS 22
Award/Grant/Achievement won by Committee

- Successful Creation and Use of Award Portal for nominations, review and analysis (http://ieeeicawards.com/)
- Consolidation of Reviewers Data
- Many New Awards added to the list
Conference Approved – Technical Sponsorships

- 4th International Conference on “Circuits, Systems, Communication, and IT Applications -2023 (CSCITA-2023)
- 8th international conference on advances in energy research (ICAER-22)
- International Conference on Emerging Trends in Engineering and Medical Sciences (ICETEMS 2022)
- Sardar Patel International Conference on Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative (SPICON 2022)
- International Conference on Advancement in Technology (ICONAT 2023)
Conference Approved – Technical Sponsorships

- ICNTE 2023 (technical co-sponsorship of IEEE Bombay section and IAS)
- 3rd International Conference on Advanced Computing Technologies and Applications: Artificial Intelligence and Evolutionary Computing (ICACTA 2023)
Conference In Process –Technical Sponsorships

- 22nd IFAC Symposium on Automatic Control in Aerospace (ACA) during 22-26 August 2022
- Global Conference on Wireless Computing and Networking (GCWCN-2022)
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.
Activities Conducted

**February 2022**

**Ergonomics for IT Professionals**

Date: 26th February 2022  
Time: 7:00 PM IST  
Link: bit.ly/3gYK7Yv  
Platform: Google Meet  
Sanyukta: 9702726790

**March 2022**

**Panel Discussion on Gender Equality Today for a Sustainable Tomorrow**

Date: 19th March 2022  
Time: 6.30PM to 8:00PM

Panelists:
- Dr. Prasanna Nambiar  
  Danisco Institute Of Technology  
- Jyoti Pahadsingh  
  Co Founder, greenBUG  
- Ms. Lavanya Raghuwaram  
  Distinguished Engineer and CTO Social Services at IBM

**March 2022**

**Women in Research: Opportunities and Challenges**

Date: 8th March 2022  
Time: 6:30 - 7:30 PM IST  
Link: bit.ly/IEEEWEBBS  
Platform: Webex  
Event Moderators: Prof. Rahul Thakkar  
Prof. Saumya Salian  
Event Co ordinators: Sanyukta Pawaskar  
Darshika Pongali  
Rucha Panhale

**March 2022**

**Understanding Polycystic Ovary Syndrome (PCOS)**

Date: 9th April 2022  
Time: 11:00 AM IST  
Link: bit.ly/PCOSAwarenessWiE  
Mode of Conduct: Online  
Sanyukta: 9702726790
Activities Conducted

April 2022

May 2022

June 2022

July 2022

July-August 2022
# Upcoming Activities

<table>
<thead>
<tr>
<th></th>
<th>Video Contest- Share Her Experience</th>
<th>July-August 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Shakuntala Bhagat Memorial Lecture Series (SMLS) (Empowerment, Entrepreneurship, Leadership, and Emerging/Disruptive Technology)</td>
<td>Monthly</td>
</tr>
<tr>
<td>3</td>
<td>Ek Paul: Capacity building for tribal women (Awareness, Counselling, Wellbeing, showcasing talent) - in Collaboration with SIGHT, local NGOs and SBs</td>
<td>November &amp; December</td>
</tr>
<tr>
<td>4</td>
<td>WIE Congress on Women in Data Science (WCWiDS)</td>
<td>November</td>
</tr>
</tbody>
</table>
IEEE Bombay Section

Industrial Relations Committee

2022
Activities Conducted

Key Note

Learning Latitudes

Industry Visits
Upcoming Activities

- **Workshop (R10):** Industry & Academia collaboration for Research and Innovation on Carbon Footprint Reduction

- Learning Latitudes (ongoing)

- Industry Visits (ongoing)
Grant of USD 500 to conduct the workshop on Net Zero Journey (Carbon Footprint Reduction)

Dear R10 ExCom, Section/ Council and Subsection officers,

R10 Industry Relation Committee had floated Request For Proposal (RFP) in Region 10. Proposals were invited in March 2022 with a closing date on April 5, 2022.

As on 5th April, 7 proposals were received from various Sections and 5 sections have been shortlisted.

The following Sections have been selected for the Industry Academia Engagement workshop events based on merit:-

- Delhi Section
- Pune Section
- Uttar Pradesh Section
- Madhya Pradesh Section
- Bombay Section
Activities Conducted

a special session as Life members track SS6 was held in Tensymp22 by Bombay section LMAG on July 2, 2022 from 5 30 to 7 30 PM.

Following talks were delivered by Bombay Section LMAG members:

1) Prof. Juzer Vasi "Solar Energy in India -- Deployment and Manufacturing"

2) R. Muralidharan "Engineering Strategic Systems"
Activities Conducted

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Event Name</th>
<th>Date</th>
<th>Mode of the event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SIGHT Day Celebration (Projects to meet UN Sustainable Development Goals)</td>
<td>28 April 2022</td>
<td>Online</td>
</tr>
<tr>
<td>2</td>
<td>Webinar on &quot;Sustainable Development Plans and Opportunities&quot;</td>
<td>28 May 2022</td>
<td>Online</td>
</tr>
</tbody>
</table>
## Upcoming Activities

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Event Name</th>
<th>Month/Date</th>
<th>Mode of the event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Learn from Leader Webinar Series</td>
<td>July</td>
<td>Online</td>
</tr>
<tr>
<td>2</td>
<td>E-Cyclothlon Event</td>
<td>13 to 15 August 2022</td>
<td>Online</td>
</tr>
<tr>
<td>3</td>
<td>Workshop on Arduino in a local school</td>
<td>August</td>
<td>offline</td>
</tr>
<tr>
<td>4</td>
<td>Poster competition on humanitarian topics</td>
<td></td>
<td>online</td>
</tr>
<tr>
<td>5</td>
<td>Budding Innovators Competition</td>
<td>15/09/2022</td>
<td>offline</td>
</tr>
<tr>
<td>6</td>
<td>IEEE Day Celebration (Drone Workshop for School Students)</td>
<td>04/10/2022 and 05/11/2022</td>
<td>offline</td>
</tr>
</tbody>
</table>
## Upcoming Activities

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Event Name</th>
<th>Month/Date</th>
<th>Mode of the event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Learn from Leader Webinar Series</td>
<td>November</td>
<td>Online</td>
</tr>
<tr>
<td>8</td>
<td>Educating a Tribal Women</td>
<td></td>
<td>Offline</td>
</tr>
<tr>
<td>9</td>
<td>Funding Opportunities in SIGHT</td>
<td>December</td>
<td>Online</td>
</tr>
</tbody>
</table>
Award/Grant/Achievement won by Committee

- Try Engineering Month Participation Application (Applied for the funding of $ 200.)
IEEE Bombay Section

Newsletter Committee

2022
Activities Conducted

• Published Volume 3 Issue 2 of the quarterly newsletter of IEEE Bombay section “In The Loop” on May 9, 2022.

• Submit contents for India Council Newsletter (ICNL) in every month from the inception of the new Newsletter Committee (started from Feb 2022 issue).

• Submitted the contents for the Issue 3 of IEEE R10 Newsletter “Connect”.
Upcoming Activities

- Publishing of Volume 3 Issue 3 of the quarterly newsletter of IEEE Bombay section “In The Loop”.

- Submitting contents for India Council Newsletter (ICNL) in every month.

- Submitting the contents for the Issue 4 of IEEE R10 Newsletter “Connect”.
Activities Conducted

- Inaugural function on 14 May 2022 by Dr B Satyanarayana Chairman IEEE Bombay Section
- Keynote address by Dr Roniya Pampou – Greece Education advisor, on Sustainable Technology & Entrepreneurship on 14th May 2022
- Panel discussion on: “Building and Leveraging your startup in the IEEE Bombay Section”
  
  Ms Visa Ray, Mr Saurabh Soni, Mr Soundhar B, Mr Sijo V as panelist, Mr Rahul Bhadur IIT Goa moderated this activity. Date 14th May 2022
- Talk on “Design thinking for Innovation”. Held on 14th June 2022. By Er Harshwardhan Pandit, Faculty at DoT SUK in online mode organised by ADCET Ashta
Upcoming Activities

- **IEEE Entrepreneurship Boot-camp In August 2022**
  - Program Chair: Mr. Dinesh Israni at SPTBI in Hybrid Mode.

- FDP on Innovation & Entrepreneurship and Incubation centers jointly with SB, one in each sub region.

- Workshop on IPR Awareness and Protections FDP jointly with SB, one in each sub region.

- B-Plan Competition for students jointly with SB, one in each sub region.

- Capacity Building workshops for I & E Committee members and faculty members of the colleges will be conducted by Mr Nikhil Kulkarni
Activities Conducted

- Regular updates IEEE Bombay Section Website
- Design and Development of website for Tensymp 2022
Upcoming Activities

- Continue updates on Section website
- Design and develop websites for new events
Activities Conducted

A Talk on “Power System Modernization using Big Data, IoT, Enterprise Data Management and the New Data Requirements of Drones and Robotic Inspection Devices”
by John D. McDonald, P.E. IEEE PES Past President ,IEEE Life Fellow ,CIGRE Honorary Member (2021) ,CIGRE Distinguished Member (2016) GE Renewable Energy - Grid Solutions USA more than 50+ year of IEEE Volunteerism….. Successfully held on April 14 , 2022.

A DLP Talk on “Robust Volt-Var Control in Power Distribution”
by Prof. Bikash Pal, Imperial College London UK (Imperial College London, is regarded as world ranking 6th as leading institutions.) ….successfully held on April 25, 2022.

A DLP Talk on “Asset Management with Power System Applications”
by Prof. Dr. Lina Bertling Tjernberg full Professor in Power Grid Technology at KTH - the Royal Institute of Technology , Stockholm ,Sweden ……successfully held on April 28, 2022.
Upcoming Activities

▸ "Role of Smart Grid in Facilitating the Integration of Renewables" 25 August 2022 at 9:00 AM New York time (18:30 IST) by Saifur Rahman IEEE President-elect 2022 | Director, Virginia Tech Advanced Research Inst.

▸ Next planned in Sep/Oct 2022 with him

▸ Francisco Gonzalez-Longatt Professor in Electrical Power Systems Professor in Electrical Power Systems ; University of South-Eastern Norway ; IEEE PES Norway Treasurer

▸ Creating the future now... | Leader and Founder of DlgEnSysLab, Leicester, England, United Kingdom

▸ Few more under discussion with PES Execom
Award/Grant/Achievement won by Committee

- IEEE PES YP Ignition funding cycle - Curiosity

- IEEE PES YP Ignition funding request has been approved for an initial amount of $ 500.
IEEE Bombay Section

IEEE Photonics Society

2022
Activities Conducted

Conducted IEEE Workshop on Recent Advances in Photonics from March 4-6, 2022 in Hybrid mode at SAMEER, IIT Bombay Campus, Powai, Mumbai.

Attended by 50 participants in person for tutorials on 4th March and more than 600 people online for the workshop 5-6 March on Vfairs online platform.

Published Proceedings in April-May for the same, more than 118 papers got published.
Upcoming Activities

a. A few more webinars
b. Outreach program activities in schools & distribution of optics kits
IEEE Bombay Section

MTT-S CHAPTER ACTIVITIES

Activities in the duration of 01 Jan 2022-21 July 2022
IEEE Bombay Section MTT-S Chapter Team

OFFICE BEARERS
Dr. Ashwini Kotrashetti – Chair
Dr. Rekha Labade - Secretary
Mr. Ashok Jagatia - Immediate Past Chair
Mr. Bakir Qureshi – Life Member
Dr. Manohar Pitke – Life Member

STUDENT MEMBER TEAM
1. Publicity Team:
Prerana Bhingare, Miss Misba Shaikh
Anupama Hasrurkar
Ankita Saha

2. Event Manager: Anusha, Vatsal

3. Web/ Digital Media Manager:
Aryan
Activity: Expert Talk
Topic: Research trends in 5G advanced & beyond 6G
Date: 11th August 2022, 11am-1pm
Speaker: Dr. M. H. Kori, Vice President IETE.
Attendance: 120
Event 2

Activity: Expert Talk

Topic: What is my measurement equipment actually doing. Implication for 5G/6G, mm-wave and related applications

Date: 11th March 2022, 7pm-8pm

Speaker: Dr. Jon Martens

Attendance: 110
Event 3,4,5

- Activity: Administrative Meeting with Student Volunteers
- Date:
  - 11 March 2022, 6:45 P.M
  - 21 March 2022, 6:00 P.M
  - 23 March 2022, 6:00 PM
  - 19 July 2022, 7:00 PM
Upcoming Activities

IEEE MTT-S Bombay Section in Association with IEEE SIESGST Presents

IEEE MTT-S DML

Towards Universally Programmable Chip-scale THz Source, Sensors And Systems. Bridging The THz And Application Gap In The Next Decade.

Dr. Kaushik Sengupta
Princeton University
Princeton, NJ, USA

27th July 2022
12:00 to 1:00 pm
SIESGST, Navi Mumbai
Chapter Officers:

- Dr. Amiya Kumar Tripathy, Chair
- Dr. Sangita Chaudhari, Vice-Chair
- Dr. Sayyad Shafiyoddin, Secretary
- Dr. Sanjay Shitole, Treasurer
- Dr. Sushree Sangita Mishra, WIE
- Dr. Ujwala Bhangale, YP representative and web master
- Dr. Avik Bhattacharya, Founder Chair (Advisor)
Activities Conducted

1. **MAPATHON** (a map making competition for creating thematic maps), Joint activity in collaboration with IITB, AICTE and GISE Hub during 15 February to 7 March, 2022.

2. **Geospatial Technologies for the SDGs** Joint activity in collaboration GRSS Bangalore 29 March 2022.

3. **Integrated Approach towards Climate Change Adaptations and Mitigation** using Geospatial Tech on 03 June 2022

4. Summer **Internship Program** in Geo Science and Remote Sensing (ML based Boot Camp) 01 June to 15 July 2022.

5. **Skill Development and Remote sensing based precision irrigation pilot project** for sugarcane cultivation in Beed district, MH going on since 5 July 2022 onwards.
Upcoming Activities

1. **Geospatial Big Data Analysis**, Faculty development program 25-30 July 2022.

2. Pre-Conference (ACVIR 2022) Workshop on **GeoSpatial Pattern Analysis and Machine Intelligence** on 31 July 2022 at Aurangabad.

3. The **Industry Distinguished Lecture** Program (Vegetation analysis and remote sensing) Dr. Amanda Connor on 27 August 2022

4. Workshop on **Earth and Planetary Hyperspectral Data Processing** in October 2022 at Milliya Arts, Science and Management Science College, Beed (Maharashtra), India

Award/Grant/Achievement

Under ProjNET: 5000 $

Geo-spatial Model for Assessment of Agricultural Drought Vulnerability in Marathwada Region of Maharashtra, India
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)
- 240+ Members
- 18 SB CS Chapters (9 active) + 1 new SB Chapter in pipeline
- 8 REM Scholars
<table>
<thead>
<tr>
<th>Title</th>
<th>Date</th>
<th>Host</th>
<th>Location</th>
<th>Reported On</th>
<th>Optic</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEEE CS AGM 2022</td>
<td>12 Mar 2022 04:00 PM</td>
<td>CH10246</td>
<td>MUMBAI, Maharashtra</td>
<td>31 Mar 2022</td>
<td>View</td>
</tr>
<tr>
<td>Webinar on “Metaverse: Towards a Programmable World”</td>
<td>28 Feb 2022 05:00 PM</td>
<td>CH10246</td>
<td>Mumbai, Maharashtra</td>
<td>31 Mar 2022</td>
<td>View</td>
</tr>
<tr>
<td>Keynote Session on “Some recent issues in Cryptology”</td>
<td>30 Oct 2021 05:00 PM</td>
<td>CH10246</td>
<td>Navi Mumbai, Maharashtra</td>
<td>22 Feb 2022</td>
<td>View</td>
</tr>
<tr>
<td>CSPL - (Computer Society's Programming League)</td>
<td>05 Sep 2021 10:00 AM</td>
<td>SBC11467, CH10246, SBC3071A, SBC10170</td>
<td>Navi Mumbai, Maharashtra</td>
<td>06 Oct 2021</td>
<td>View</td>
</tr>
<tr>
<td>IEEE CS Membership Drive &amp; Volunteer Felicitation</td>
<td>12 Aug 2021 06:30 PM</td>
<td>CH10246</td>
<td>Navi Mumbai, Maharashtra</td>
<td>19 Aug 2021</td>
<td>View</td>
</tr>
<tr>
<td>Key logistics and supply chain</td>
<td>26 Jun 2021 05:00 PM</td>
<td>CH10246, R00121</td>
<td>Navi Mumbai, Maharashtra</td>
<td>19 Aug 2021</td>
<td>View</td>
</tr>
</tbody>
</table>
Proposed Events for 2022

- IEEE CSPL 2022: Flagship event
- IEEE CS Tech Webinar Series (Monthly)
- Collaboration event (SB Collaborated)

Grants for 2022

- 400$ Grant for activity support fund GEC
- 750$ Section Event support from CS global.
Accounts
Nomination Committee
Office Bearers – Year 2023

- Chair 2023-24 – Anand Gharpure
- Secretary – Saurabh N. Mehta
- Treasurer – Kiran TALELE
- Immediate Past Chair – B.Satyanarayana
Thank you!