

IEEE Pune Section Annual Report Year-2023

PART A - SECTION SUMMARY:

Institute of Electrical and Electronics Engineers (IEEE) is a global professional organization dedicated to advancing technology for the benefit of humanity. With over 450,000 members in over 160 countries, IEEE publishes cutting-edge research, develops industry standards, and hosts conferences and events to foster collaboration in fields ranging from electrical engineering and computer science to biomedical technology and telecommunications.

Pune, located in Maharashtra, India, is a vibrant city known for its rich history, educational institutions, and thriving IT industry. It blends traditional culture with modern development, offering a dynamic lifestyle with historical landmarks, bustling markets, and a diverse culinary scene, nestled amidst scenic hills and verdant landscapes. Pune is home to several prestigious universities, institutions, and research groups. The city is also home to a sizable number of engineering, automotive, electrical, electronics, forging, and foundry sectors, as well as information and communication technology (ICT)-related businesses. There are about 100,000 highly qualified engineers working in and around the city. More than 300,000 pupils are enrolled in the city's numerous academic programmes.

On June 26, 2010, the IEEE Pune Section (R- 00120) was founded, and its territorial limited to the Pune metropolitan area (Postal Code 411001 to 411999). The Asia Pacific Region (R-10) of IEEE oversees this part. Before then, from June 20, 2003, till its creation, it was a subsection of the IEEE Bombay section. There are currently over 2000 members in the Pune sector, including student members, in addition to around 300 professional members. In and around Pune City, there are 26 IEEE Student Branches at various Engineering Colleges.

A. 1 Executive Summary –

June 2010 marked the beginning of the Pune section's 13-year adventure, and since then, there has been no turning back. Each professional and student member made a substantial contribution to the section's expansion. With the establishment of a new student council and executive body, the year 2022 got underway, and the Pune section embraced the new year with great fervour and resolve. The section's shared goals were to work together, plan annual events with a purpose, and employ technology for the good of humanity.

IEEE Pune Section marked its beginning in the June 2010, and since then, each professional and student member substantially contributed towards the growth and expansion of the Section. The Year 2023 was a wonderful journey for the IEEE Pune Section where the various new events, initiatives, Student Branches, Workgroups, Society chapters were added. As the Section continuously perusing the goal as '*Advancing Technology for the Humanity*', the section continued with the enthusiasm and urge to contribute towards social cause. IEEE Pune Section believes coming together with pure heart and trust on each other is the mantra of success.

The Section started 2023 with the formation of New Executive Committee (ExCom) for the year and hosted various ExCom meeting at various places like Professional Body offices,

Institutes, Industry hubs etc. Besides the chief guests like Dr. Ajay Poddar (IEEE Fellow, AdCom Member), Dr. Stefano Maci (President IEEE Antennas and Propagation Society), Dr. Gautam Chattopadhyay (President-Elect IEEE Microwave Theory and Technology Society), Dr. Octavian Postolache (Portugal Section, and IMS Society Chapter Coordinator), etc. were invited and were present in the various meetings. This approach not only incited several new initiatives, activities, and funding opportunities but also provided a platform for cooperation and assisted in their execution and implementation.

In 2023, the Section conducted and reported total 454 activities under 06 categories as professional (89), technical (238), non-technical (80), admin (40), humanitarian (04), pre-university (03). These activities were the blend of various Training Programs, Workshops, Seminars, Expert Sessions, Hackathons, Conferences, Presentations, Research Collaborations, Quizzes, Programming Workshops, Interaction with experts, contests, Webinars, Competitions, Guest/Distinguished Lectures, Faculty development programs, Group/Panel Discussions, Science and Art activities, Affordable Agriculture Laboratory initiatives, Visit to Agri-Farms, Round Table Discussions, Technical Discussions, Conclaves, Sessions with Industry experts and Collaborations with Incubators /Research Parks / Universities / NGOs / Govt Bodies. We also celebrated IEEE day, Science Day, World Telecom Day, World Telecom Day, Humanitarian Activity Day, Women's Day, Section Student Congress, and organized many joint activities with student branches, societies, other sections, India Council, and international sections.

The protentional of IEEE Pune Section professional members and student members were reflected in this year at international level as well. Our elegant members represented the Section at various IEEE R-10, India Council level committees. The section feels proud about these members like, Dr. Rajashree Jain, Vice Chair- Membership Development, India Council, Dr. Surekha Deshmukh, member IEEE Climate Change Global Visibility Sub-Committee, PICC Prof. G. S. Mani, Vice Chair, Life Members Affinity Group, India Council, Dhiraj Mani Chaurasia R-10 HTA Subcommittee member, etc.

In 2023, the section bagged various valuable achievements like Ulrich Rodhe Awards for Eureka, IEEE Regional Best Student Branch Award 2023 (India Council) for Pune Institute of Computer Technology. At the Individual level, Dr. P. K Sinha- Fellow Member, IEEE, Mr. Dhiraj Chaurasia invited and become core working member of HTC, Dr. Rajashree Jain nominated and become Vice-Chair IEEE India Council, Dr. Surekha Deshmukh IEEE Climate Change Global visibility Sub-Committee, PICC, Prof. G. S. Mani Vice-Chair IEEE Life Members India Council, Dr. Y. Ravinder and PICT students Bagged URSI award, Dr. Prutha Kulkarni won International Outstanding Researcher Award (Asia's S & T Res Awards 2023) , Dr. Prutha Kulkarni won International Best Researcher Award for Research & Excellence in RF & MW domain by ISSN International Res Awards Congress (IIRAC 2023).

The Section focused on membership development and attempted to revive various student branches to its full of protentional. in 2023, the section reported with 271 various student branch activities, under the 25 Student branches. The significant contribution of Student Activity Committee evolved with visit to maximum student branches to unleash their protentional with the support of Chair, IEEE Pune Section was appreciable. The valued events

like, Section Student Congress, Visit to Vigyan Ashram, Prayag-2023, Dronarjuna-2023 etc, activities were contributed significantly towards the maximised contribution.

In IEEE Pune Section, the year 2023 was devoted to establishing a solid base and flawless structure for an organisation designed for longevity, ongoing influence, sustainability, and inclusivity.

A. 1.1 Section Executive Committee Member List: – IEEE Pune Section ExCom plays a crucial role in driving technical excellence, professional growth, and community engagement in the Pune region. By promoting collaboration, knowledge sharing, and innovation, it contributes significantly to the advancement of technology and the empowerment of its members and stakeholders.

Sr. No.	Society/Committee	Chair/Coordinator
1.	Chair	Dr. Surekha Deshmukh
2.	Vice-Chair	Dr. Amar Buchade
3.	Secretary	Prof. Abhijit Khurape
4.	Treasurer	Dr. Mandhar Bhawalkar
5.	Section Chapter Coordinator	Prof. Mandar Khurjekar
6.	Computer Society Chapter	Mr. Gorakhnath Ghadage
7.	Communication Chapter	Dr. Makrand Jadhav
8.	Education Society	Dr. V. V. Shete
9.	PES/IAS Chapter	Dr. Mrs. Geetanjali Vaidya
10.	Signal Processing Society Chapter	Dr. Vinayak Bairagi
11.	Instrumentation and Measurement	Prof. Mandar Khurjekar
12.	Joint Chapter of AP, MTT, EMC (JCAME)	Prof. G. S. Mani (Past Chair-2017)
13.	TEMS (Technology and Engineering management Society)	Mr. Prashant Joshi
14.	Robotics & Automation and Control Systems, Societies (Joint Chapter) (RA&CS)	Dr Shantipal S Ohol
15.	Industrial Electronics and Power Electronics, Societies' (Joint Chapter) (IE & PE)	Dr. S. L. Patil
16.	Engineering in Medicine Society (EMBS)	Dr. Reena Pagare
17.	Consumer Technology Society (CT)	Dr. Suresh Limkar

Sr. No.	Society/Committee	Chair/Coordinator
18.	Computational Intelligence Society (CIS)	Dr. Jayashree Prasad
19.	Sensor Council Chapter	Dr. Vivek Deshpande
20.	WIE Affinity Group	Dr. Priya Gokhale
21.	Young Professional	Mr. Dhiraj Mani Chaurasia
22.	SIGHT	Dr. Amar Buchade
23.	Student Activity Committee	Dr. Sunil Somani
24.	Educational Activities	Dr Rajshree Jain
25.	Website	Mr. Dhiraj Mani Chaurasia
26.	Newsletter	Dr. Ashpana Shiralkar
27.	Membership Development, Industry Relations	Mr. Dinanath Kholkar (Past Chair-2018-19)
28.	SIG on Affordable Agriculture	Mr. Jagdish Chaudhari
29.	SIG on Healthcare	Dr. Amar Buchade
30.	SIG Smart City	Prof. Tushar Mote
31.	SIG Renewable Energy	Dr. Surekha Deshmukh
32.	Awards	Dr. Varsha Degaonkar
33.	Conference	Dr. Vivek Deshpande
34.		Dr. P. B. Mane
35.	Past Chair (2010-11)	Dr. Bharat Chaudhari
36.	Past Chair (2012)	Dr. Avinash Joshi
37.	Past Chair (2013)	Dr. Dattatray Doke
38.	Past Chair (2014)	Dr. Rajesh Ingle
39.	Past Chair (2015-16)	Dr. Pradeep Sinha
40.	Past Chair (2020-21)	Mr. Girish Khilari

A. 1.2 Section Highlights: –

- IEEE Pune Section formed in 2010 and is one of the youngest sections.
- 13 Professional Chapters
- 05 Joint Chapters & 07 Student Branch Chapters
- 01 Council: Sensor
- 01 Joint Chapter Council TEMS + Systems Council
- 02 Affinity Groups: (WIE, Young Professionals)
- 05 Special Interest Groups: Affordable Agriculture. Healthcare, Smart City, SIGHT, Renewable Energy
- 01 Work group: Block Chain
- **Focused Groups:** Awards, Student Activities, Conference, Industry Relations, Membership Development, Website, and newsletter
- Total number of Student Branches –25
- Total Number of Activities in 2023: **454**

Sr. No.	Activity	No. of Activities
1.	Professional	89
2.	Technical	238
3.	Non-Technical	80
4.	Admin	40
5.	Humanitarian	04
6.	Pre-University	03
Total		454

A. 1.3 Major Events (International, National): – IEEE Pune Section's major events and activities are aimed at advancing technology, fostering professional development, promoting collaboration and innovation, and making a positive impact on the local community and beyond.

Sr. No.	Event	Date	Hosted By
1.	31-Days Code Challenge	01 st January 2023 to 31 st January 2023	Pune Institute of Computer Technology
2.	Quiz Competition: Mindkraft, 2023	25 th February 2023	RSCOE
3.	5th International Conference on Emerging Smart Computing & Informatics 2023	01 st March 2023 to 03 rd March 2023	AISSMS Institute of Information Technology
4.	Shri Pralhad P Chabria Awards 2023	11 th March 2023	India Council, Hope Foundation, and WIE, IEEE Pune Section.
5.	Eureka-2022	19 th March 2023	IEEE Pune Section
6.	Being a Women Dialogue Series	27 th March 2023	IEEE Pune Section and PCCOE

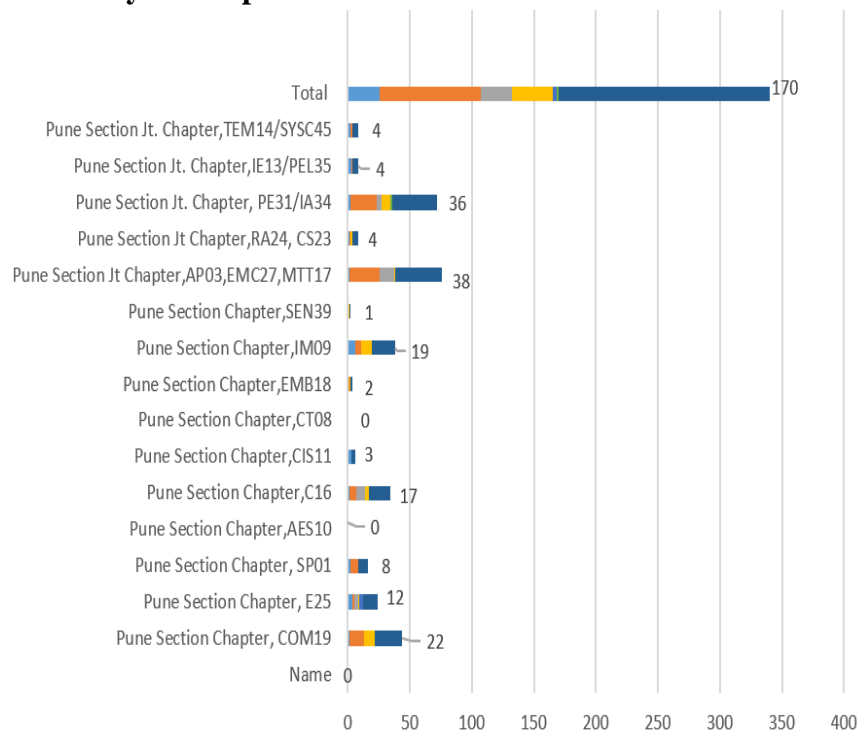
Sr. No.	Event	Date	Hosted By
7.	Guest Talk by Dr. Changzhi Li, professor at Texas Tech University	26 th April 2023	IEEE JCAM
8.	World Telecommunication and Information Society Day (WTISD)	20 th May 2023	IEI Pune Local Centre, IEEE Pune Section, IETE Pune Centre, and IET Pune Local Network
9.	IEEE R-10 Funded activity - Project Based Learning Contest (PBCL)-2023	26 th May 2023	JSPM Hadapsar
10.	DL on From Engineering Electromagnetics To Electromagnetic Engineering” by Dr. Levent Sevgi	09 th June 2023	IEEE Pune Section’s JCAME
11.	World Environment Week	11 th June 2023	IEEE Pune Section and IEEE Nort Jersey Section
12.	visit to MCCIA Electronic Cluster	14 th June 2023	MCCIA
13.	PRAYAG 2023	17 th June 2023	Christ, Lavasa
14.	Industry-Academia Engagement Program’; focused on Industry 4.0 AI, ML, and Deep Learning Applications in the Electrical Power Industry	15 th July 2023	IEEE PES/IAS Chapter of IEEE Pune Section,
15.	Celebration of IEEE Women in Engineering Day 2023	22 nd July 2023,	SICSR-Symbiosis Institute of Computer Studies and Research.
16.	Faculty Development Program on Ai In Healthcare”	24 th July 2023 to 28 th July 2023.	MIT School Of Computing
17.	A Biomedical Instrumentation workshop	28 th July 2023.	MIT School Of Computing
18.	Visit to Vigyan Ashram	30 th July 2023.	IEEE Young Professionals Pune Section
19.	The session on Career in Data Science	05 th August 2023,	IEEE Young Professionals Pune Section
20.	Solar Practical	04 th August 2023	Vishwakarma Institute of Information Technology

Sr. No.	Event	Date	Hosted By
21.	Visit the Pune Underground Metro Development	19 th August 2023	Cummins College of Engineering for Women, Pune
22.	Data Science Workshop	19 th August 2023	IEEE Women in Engineering Affinity Group, Pune
23.	Keynote Session at ICCUBEA 2023 Pimpri Chinchwad College of Engineering	19 th August 2023.	Sensor Council and PCCOE
24.	07 th ICBEA-2023	18 th August 2023 to 20 th August 2023	PCCOE
25.	DL Session under IEEE Pune Sensor Council	19 th August 2023.	D. Y. Patil University Akurdi
26.	IEEE Smart City Projects Development Lab	24 th August 2023	Sinhgad Academy of Engineering, Kondhwa, Pune.
27.	Project Rise	25 th August 2023	PCCOE
28.	Leadership Insights and Creating Business Values	28th August 2023	Cummins College of Engineering for Women
29.	Canva Session	29th August 2023	VIIT, Pune
30.	3D Printing	29th August 2023	VIIT, Pune
31.	IEEE R10 YP Upskill - Pune Section 2023	03 rd September 2024	IEEE Young Professionals, IEEE Pune Section.
32.	IoT Bootcamp for Science Teachers	08 th and 09th September 2023	MES Senior College
33.	Unlocking the Power of IEEEEXTREME	16 th September 2023	PCCOE
34.	Launch of Dronarjuna- a mentor Mentee Initiative for Advancing Technology for Humanity	01 st October 2023	IEEE Sensor Council Chapter, Pune Section
35.	the 2023 2 nd IEEE International Conference on Blockchain and Distributed Systems Security	6 th to 8 th October 2023	IIIT Naya-Raipur
36.	the Joint Ideathon Challenge - Greening the Planet an Initiative under IEEE Pune Section and IEEE North Jersey Section	06 th and 07 th October 2023	IEEE Pune Section and IEEE North Jersey Section
37.	Project Rise Phase 3	14 th October 2023	PCCOE

Sr. No.	Event	Date	Hosted By
38.	IEEE R-10 HTC 2023 Conference	16 th October to 18 th October 2023	IEEE Young Professional Afinity Group, Pune Section
39.	IEEE Pune Section's Student Congress 2023	21 st October 2023	PCCOE, and IEEE Pune Section
40.	Symposium for Research Scholors	28 th October 2023	SIMS
41.	IEEE R10 PES India Chapters Annual Global Workshop	24 th and 25 th November 2023	IEEE PES Society Chapter Pune Section
42.	IEEE PES Distinguished Lecture (DL) on Insights into Design of Transformers	29 th November 2023	IEEE PES Society Chapter Pune Section
43.	Electromagnetic Week 2023 Symposium	03 th December to 05 th December 2023	DIAT, Pune
44.	Eureka-2023	08 th December 2023	IEEE Pune Section
45.	Reciept of Eminment Ulrich L. Rohde Award in MAPCON	14 th December 2023	MAPCON
46.	IEEE Pune Confernce (PuneCon)	15 th December 2023 and 16 th December 2023	COEP
47.	Prof. Dr. Octoberavian A Postolache – DL, IEEE IMS and Chair IEEE IMS Portugal Section Visit to Pune Section	14 th December to 17 th December 2023	SIG- Affordable Agriculture
48.	Five Days FDP on Recent Trends on Healthcare	18 th December to 22 nd December 2023	Vishwakarma Institute of Information Technology
49.	IEEE Pune Section heritage Walk	31 st December 2023	IEEE Pune Section

A. 1.4 Major Chapter Activities: IEEE Pune Section Society Chapters serve as focal points for advancing knowledge, fostering collaboration, and promoting professional growth within specific technical domains. The activities conducted under these chapters play a vital role in providing networking opportunities, promoting professional development, disseminating knowledge, engaging with the community, advocating for standards and policies, and contributing to the overall mission of IEEE in advancing technology for the benefit of humanity.

- **Total Number of Society Chapters: 15**
- **Total Number of Councils: 02**
- **Summary of Chapter activities:**



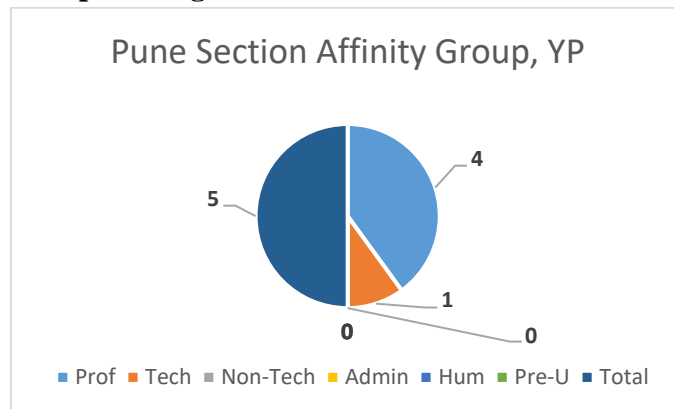
IEEE Pune Section Society Chapters and Council Chapters engage in various activities in various roles as co-partner, collaborators, sponsors etc. Activities involved Guest sessions, workshops, conferences, etc.

A. 1.5. Major Student and Affinity Group Activities: These activities contribute to participants' personal and professional growth, promote collaboration and knowledge sharing, and drive positive impacts within the local community and beyond.

A. 1.5.1 Professional and Continuing Education Activities:

- IEEE Education Week 2023 (10+ Activities)
- IEEE & IEEE Pune Section Awareness Session
- World Environment Day 2023, Theme: Only One Earth
- IEEE MGA 2022 Volunteer Training Programs (VoLT) (<https://iee-elearning.org/CLE/>)
- IEEE Pune Section Congress
- Pre-University Teachers Training Workshop -01 on Emerging Trends in IoT
- Pre-University Teachers Training Workshop -02 on Emerging Trends in IoT
- Swasth- Project for Pre- Univ.- (Foldscope)

A. 1.5.2 Affinity Group- Young Professional:

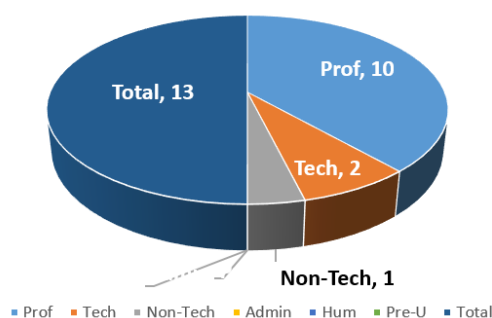


List of major Activities conducted under Affinity Group-Young Professional

Sr. No.	Name of Activity	Date
1.	A session on all about a Career in Aerospace	12 th March 2023
2.	A session on all about a Career in Data Science	05 th August 2023
3.	Learning by doing – a paradigm Shift: A field visit to Vigyan Ashram Pabal	30 th July 2023
4.	Up Skill 2023	03 rd September 2023
5.	Section Student Congress (Significant Contributor)	21 st September 2023

A. 1.5.3 Affinity Group- Women in Engineering:

Pune Section Affinity Group, WIE



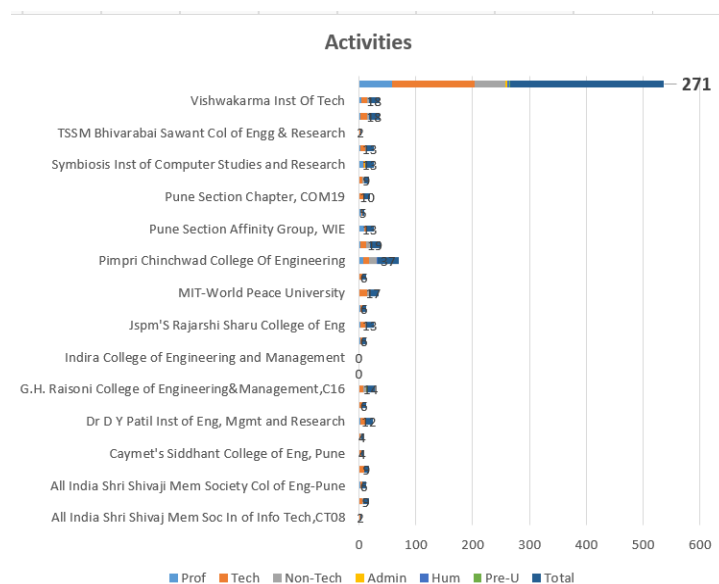
List of major Activities conducted under Affinity Group-Women in Engineering

Sr. No.	Name of Activity	Date
1.	Shri Pralhad P Chabria Awards 2023	11 th March 2023
2.	Being a Women Dialogue Series	17 th March 2023
3.	WIE Day Celebration	28 th and 29 th June 2023
4.	IEEE Women in Engineering Day 2023	22 nd July 2023

A. 1.5.4 Student Activities:

Sr. No.	Name of Activity	Date
1.	Passing the Torch: A Celebration of Leadership and Legacy. Honouring Our Past and Embracing Our Future	29 th April 2023
2.	InNovemberation in Action, Collaborative Minds at Work	19 th May 2023
3.	A cleanliness drive program on the banks of Pune's Mula-Mutha river on World Environment Day	05 th June 2023
4.	Student Activities Committee visit to IEEE MMCOE Student Branch!	11 th September 2023
5.	Student Activities Committee (SAC) visit to the IEEE VIIT Student Branch	12 th September 2023
6.	Student Activities Committee (SAC) paid a visit to the IEEE I2IT Student Branch	22 nd September, 2023
7.	Student Activities Committee (SAC) conducted a visit to Bharati Vidyapeeth Institute of Environment Education and Research	03 rd October 2023
8.	Student Activity Committee and Student Branch Chair meet	12 th October 2023
9.	IEEE Pune Section Student Congress	21 st October 2023

A. 1.5.4 Student Branch Activities:



➤ **Total Student Branch Activities:** 271

➤ **Major Activities:**

Event Date	Student Branch Name (Avoid Abbreviations)	Event name	Attendees
01-01-2023	PICT IEEE Student Branch	31daysofcode challenge	200-250
07-02-2023	PICT IEEE Student Branch	PICT.IEEE.Newsletter.Group interview with Manasi Joshi	50
07-02-2023	IEEE Student Branch VIT, Pune	Industrial Visit to Renishaw	55
11-02-2023	JSPM's Rajarshi Shahu College of Engineering SB , Tathawade	IEEE RSCOEB's MINDKRAFT	110
13-02-2023	JSPM's Rajarshi Shahu College of Engineering Student Branch(JSPM's RSCOEB)	Seminar on Latest Technology Communication Engineering	110
15-02-2023	JSPM's Rajarshi Shahu College of Engineering Student Branch(JSPM's RSCOEB)	Seminar on Final Year Project	75
16-02-2023	All India Shri Shivaji Memorial Society Institute of Information Technology	Photo Booth & Reel Making	450-500
16-02-2023	All India Shri Shivaji Memorial Society Institute of Information Technology	Alacrity	450-500
20-02-2023	JSPM's Rajarshi Shahu College of Engineering Student Branch (JSPM's RSCOEB)	C-eize The Day	40
25-02-2023	JSPM's Rajarshi Shahu College of Engineering Student Branch(JSPM's RSCOEB)	Introvert to IEEE Influencer	60
11-03-2023	JSPM's Rajarshi Shahu College of Engineering Student Branch(JSPM's RSCOEB)	Cybersecurity and Women Safety	110
14-03-2023	PICT IEEE Student Branch	Clash Wildcard '23	500
15-03-2023	PCCOE IEEE STUDENT BRANCH	Einstein Hammer(Quiz competition)- Praxis 2023	39
15-03-2023	PCCOE IEEE STUDENT BRANCH	Freakout (Elocution competition) in Praxis 2023	20
15-03-2023	PCCOE IEEE STUDENT BRANCH	Shark Tank Event - PRAXIS'23	20
15-03-2023	PCCOE IEEE STUDENT BRANCH	Valorant Gaming constest - PRAXIS'23	90
16-03-2023	PCCOE IEEE Student Branch	COD - PRAXIS	90
16-03-2023	PCCOE IEEE STUDENT BRANCH	Murder Mystery - PRAXIS'23	100
17-03-2023	PES Modern College of Engineering, Pune	MPULSE XTRONICA - IOT Hackathon	40
27-03-2023	PCCOE IEEE STUDENT BRANCH	Launch of Being a Women: Dialogue Series	100

30-03-2023	IEEE SB BVUCOEP	PERSPECTIVES - A DEBATE PLATFORM	25
03-04-2023	IEEE VIIT Student Branch	Bio-Medical Instrumentation & Design Workshop	20
15-05-2023	IEEE SB Rajarshi shahu college of engineering	Java and Android boot camp/ Workshop	49
04-06-2023	Vishwakarma institute of information technology	Capturing the Environment through Posters & Videos	10
28-07-2023	Vishwakarma institute of information technology Pune	BMI Workshop at MIT ADT	20
04-08-2023	Vishwakarma institute of information technology	Solar Practical Demonstration at Vishwakarma Vidyalaya	30
19-08-2023	Cummins college of engineering pune	Visit to Pune Metro Underground station	16
25-08-2023	Pimpri Chinchwad College Of Engineering IEEE Student Branch	Inauguration of Project Rise	200
25-08-2023	Pimpri Chinchwad College of Engineering IEEE Student Branch	PCCOE IEEE SB and ITSA Induction	200
28-08-2023	Cummins college of engineering Pune	Session on Journey to Apple: Leadership insights and creating Business Value.	60-70
29-08-2023	Vishwakarma institute of information technology	Canva Session	35
29-08-2023	Vishwakarma institute of information technology	3D Printing Session	40
04-09-2023	Dr. Vishwanath Karad, MIT World Peace University Student Chapter	KPIT Sparkle Orientation Session	75
05-09-2023	Vishwakarma institute of information technology	Teacher's Day Celebration	25
05-09-2023	Pimpri Chinchwad College of Engineering IEEE Student Branch	Teachers Day	150
12-09-2023	Vishwakarma Institute of information technology	Empowering minds with IEEE - IEEE student branch awareness program	150
15-09-2023	TSSM's Bhivarabai Sawant College of Engineering and Research Pune (STB15153)	Inauguration Of IEEE Student Branch and IEEE Smart Village Student Branch	125
15-09-2023	Pimpri Chinchwad College of Engineering IEEE Student Branch	Engineers Day - Virtual Treasure Hunt	40
15-09-2023	Dr. D. Y. Patil Institute of Technology	Industrial visit to Centre of Materials for Electronic Technologies	20
18-09-2023	Dr. D. Y. Patil Institute of Technology	Initiation meeting for the Industrial waste Awareness and Management Program	32

19-09-2023	JSPM RSCOE (Rajarshi Shahu College of Engineering)	First Year (fy) Orientation program.	180
01-11-2023	Dr. D. Y. Patil Institute of Technology	Initiation meeting of E-Waste Awareness and Management Initiative	50
01-11-2023	IEEE SB BVUCOEP	Electrical AutoCAD Training & Job Opportunities	64
06-10-2023	IEEE SB BVCOEP	Guest lecture on “Industrial Automation”	70
06-10-2023	IEEE SB BVUCOEP	IEEE Awareness Program, IEEE Membership Drive	77
05-10-2023	IEEE SB BVUCOEP	Workshop on Electric Cables	64
10-07-2023	IEEE Vishwakarma Inst of Information Technology Student Branch	IEEE DAY X Pre Xtreme-Hackathon	76
03-10-2023	IEEE RSCOE Student Branch	Helping Hands - IEEE DAY	100
28-10-2023	IEEE RSCOE Student Branch	IEEE Xtreme 17.0	100
03-11-2023	IEEE RSCOE Student Branch	Investiture Ceremony	20
03-11-2023	IEEE VIIT Student Branch	Pre-Xtreme Prize Distribution, Farewell and Welcome of Committee.	80
14-11-2023	IEEE VIIT Student Branch	Deepavali Photo Contest	40
30-10-2023	IEEE Vishwakarma Inst of Technology Student Branch	Electronics Design Principles & Applied Robotics Workshop	60
21-10-2023	Pimpri Chinchwad College of Engineering	Venue Partner for IEEE Pune Section Student Congress 2023	200
14-10-2023	Pimpri Chinchwad College of Engineering IEEE Student Branch	Project Rise: Phase 3	60
06-11-2023	Pimpri Chinchwad College of Engineering IEEE Student Branch	Valedictory of Project Rise	80

A. 1.5.5. Awards and Recognitions: The IEEE Pune Section benefits from these awards, including increased visibility, validation of efforts, networking opportunities, inspiration for members, talent attraction, enhanced funding opportunities, and benchmarking against best practices. Awards and recognitions contribute to the section's continued success in serving its members and advancing technology for the benefit of humanity.

Sr. No	Award
1.	Ulrich Rodhe Awards (APS)
2.	Pune Institute of Computer Technology: IEEE Regional Best Student Branch Award 2023 (India Council)
3.	Dr. P. K Sinha- Fellow Member, IEEE
4.	Mr. Dhiraj Chaurasia invited and become core working member of HTC
5.	Dr. Rajashree Jain nominated and become Vice-Chair IEEE India Council
6.	Dr. Surekha Deshmukh IEEE Climate Change Global Visibility Sub-Committee, PICC
7.	Prof. G. S. Mani Vice-Chair IEEE Life Members India Council

8.	Dr. Y. Ravinder and PICT students Bagged URSI award
9.	Dr. Prutha Kulkarni won International Outstanding Researcher Award (Asia's S & T Res Awards 2023)
10.	Dr. Prutha Kulkarni won International Best Researcher Award for Research & Excellence in RF & MW domain by ISSN International Res Awards Congress (IIRAC 2023)

A.2 Financial Reporting

A.2.1 Summary (as per submitted on NetSuite)

Amount (INR)	Expenditure		Amount (INR)
Opening Balance as on 1 Jan 2022	2798818.43	Closing Balance as on 31 December 2023	2720753.81
Receipt During the year 2023	5521793.00	Payment during the year 2023	5599857.62
Total			8320611.43

A.2.2 Any other financial activities

Any other financial activities IEEE 2023 Budget Details (Non-Audited) – Income	
Details	Income (INR)
STEM Grant, IEEE PES Outstanding Chapter Award, R10 Upskill 2021 Fund - Pune Section, R10 Student-YP joint fund, R10 2023 Section Incentive	3,95,712
Geo-science and Remote Sensing Society Workshop conducted at Symbiosis Institute of Computer Studies and Research, Pune	4,14,100
Total	8,09,812

PART B - ORGANIZATIONAL ACTIVITIES

B.1: Membership Development Activities: the IEEE Pune Section membership development activities supported to yield positive outcomes such as increased membership, diverse community engagement, enhanced member satisfaction and retention, professional development opportunities, networking and collaboration, recognition and awards, knowledge sharing and learning, and community outreach and impact.

B.1.1 Total Number of Active Members in Past Three Years

Sr. No.	Month	2021	2022	2023
1.	January	1168	1825	1930
2.	February	614	1161	1450
3.	March	673	1717	1578
4.	April	810	1745	1640
5.	May	839	1790	1780
6.	June	1020	1816	1750
7.	July	1165	1862	1765
8.	August	1227	1902	1768
9.	September	1313	1984	1795
10.	October	1424	2109	1935
11.	November	1593	2202	2104
12.	December	1725	2417	2052

➤ **Members as on Date (19th February 2024): 2288**

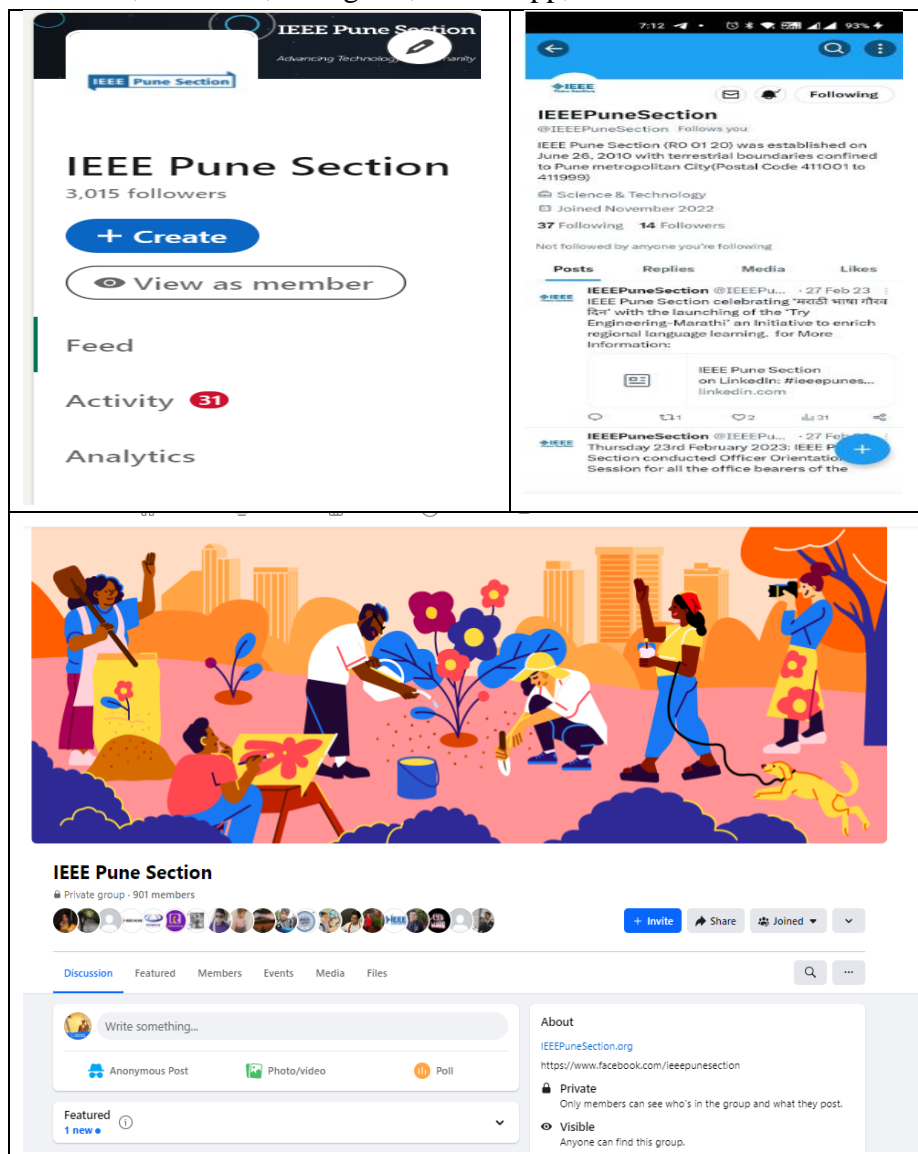
B.1.2: Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members

To increase member happiness, engagement, and benefits in 2023, a diversified strategy was probably used to improve the value of membership in the IEEE Pune Section. This section offers a broad summary of tactics frequently employed by IEEE Pune Section to increase membership value, retention, and growth, as well as possible proof of these initiatives.

1. **Improved Communication Channels:** Using social media updates, emails, Enotice by IEEE, and newsletters on a regular basis to tell members about opportunities, forthcoming events, and market trends.
 - a. **Evidence:**
 - i. **Website:** IEEE Pune Section has functional and dynamic website available as digital face of the section. Anyone can access the IEEE Pune Section website at <https://ieeepunesection.org/>
 - ii. **Enotices:** IEEE Pune Section organize various activities, The most effective channel to reach to the IEEE Members is a Enotices in V-tool. Enotice mechanism helps to reach all active and non-active members to encourage participation in activities, and to rise desire to become value-added, and empowered IEEE Member.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	IEEE eNotice	Inbox: Reminder: Notice and Agenda for Annual General Meeting -2023 ...	Jan 19
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	IEEE eNotice	Inbox: Notice and Agenda for Annual General Meeting -2023 of IEEE Pu...	Jan 15
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	IEEE eNotice	Inbox: Reminder: Notice for Annual General Meeting 2023 of IEEE Pune ...	Jan 15
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	me, Dinanath 3	Inbox: [IEEE Pune Section] 11th Executive Committee (ExCom) Meeting ...	Jan 14
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	IEEE eNotice	Inbox: Notice for Annual General Meeting 2023 of IEEE Pune Section - o...	Jan 10
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	IEEE, me 2	Inbox: Invitation for IEEE Pune Section AGM 2022 - 8 January 2023 - Ma...	Jan 2

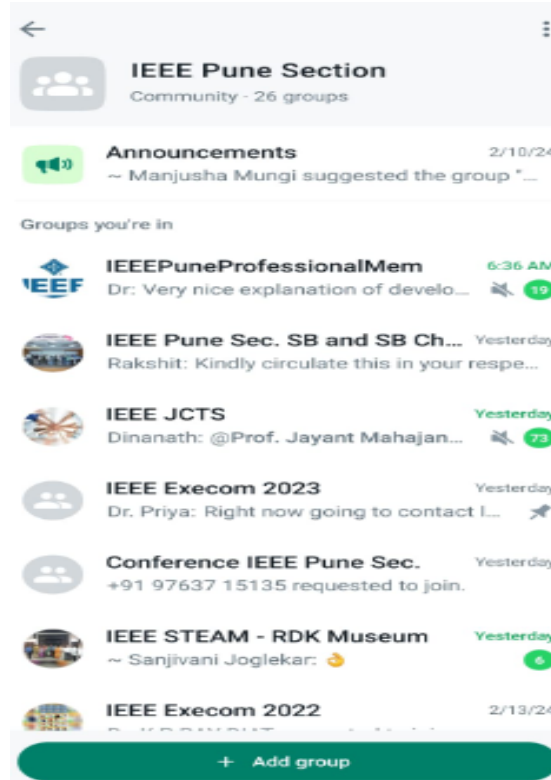
- iii. **Email:** ieee.org email is also one of the strong ways to connect with people. Apart from these mail ids, members and the section use various personal email ids to communicate within the section.
- iv. **Social media:** IEEE Pune Section established a special work team under Student Activity Council (SAC) i.e. social media. The Team takes efforts to reach maximum members, non-member aspirants to become part of IEEE activities. The Social media activities uses platform like Facebook, LinkedIn, Instagram, WhatsApp, etc.



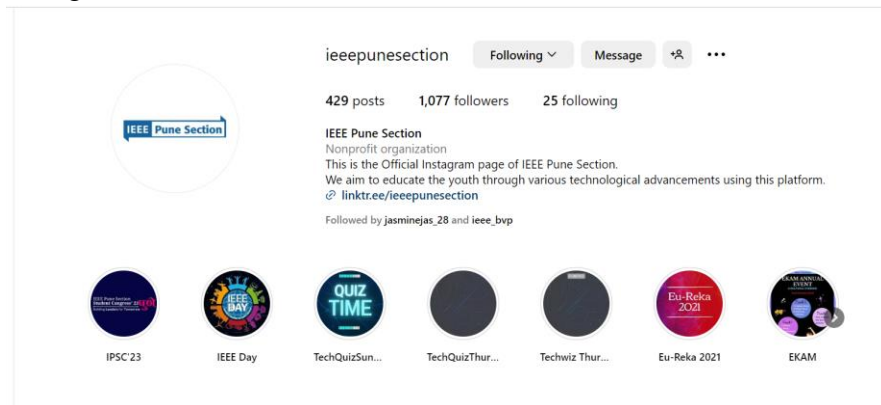
- v. **WhatsApp:** Now a days WhatsApp is one of the effective and efficient social media channels. IEEE Pune Section has various groups for

various activities and OUs and to pass the common messages and information the IEEE Pune Section WhatsApp community is developed.

1. **Evidences:** IEEE Pune Section serves its valued members through 26 various level WhatsApp groups under one community. Members can access and join various groups as per the interest and functional areas.



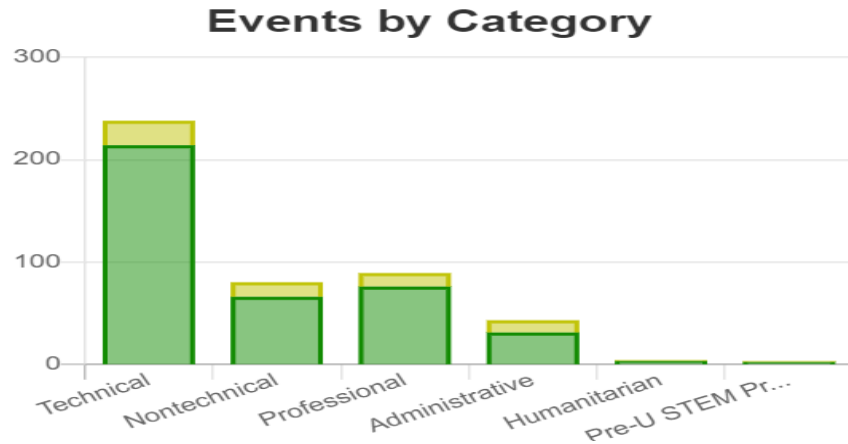
- vi. **Instagram:** IEEE Pune Section publishes its events and activities on Instagram on its Insta handle.



2. **Diversified Initiatives:** IEEE Pune Section offers diversified initiatives and activities like workshops, webinars, DL sessions, and conferences catering to various interests and career stages of members. These initiatives cover technical, professional, humanitarian technology, networking opportunities, and community involvement and development.

a. **Evidences:**

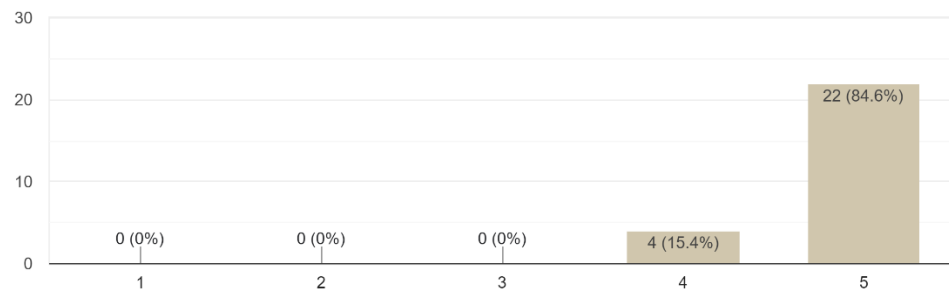
- i. IEEE Pune Section reported total 454 initiatives in 2023 on IEEE Vtool events. These initiatives range from the guest sessions, DLs, workshops to the conferences accommodated in following categories like technical, Non-Technical, Professional, Admin, Humanitarian, and pre-U STEM.



- 3. **Feedback Mechanism:** IEEE Pune Section encourages feedback from the members. IEEE Pune Section members provides feedback on various initiatives, activities, conferences etc.

- a. **Evidences:** The Google form link gets shared after every event to the attendees and the feedback of the participants considered as the insights and improvisation opportunities.

The event covered what I expected
26 responses



- 4. **Value added benefits:** IEEE Pune Section created not only the activity based eco-system but developed the venues to conduct these activities. IEEE Pune Section has developed infrastructure in the form of laboratories Under OUs like SIG in Affordable Agriculture, Sensor Council, Smart Cities as a value-added facility for the students and professional members. These laboratories are on easy access mode for experiential and experimental learning for the valued members and aspirants.



Smart Cities Laboratory Inauguration

5. Volunteering Opportunities: IEEE Pune Section provides various avenues to the members to get involvement through volunteering, leadership roles, committee participation, and mentorship programs. The volunteers come together and establish a bond of belongingness, and cooperation.

a. Evidences: As the IEEE is world’s largest volunteering organization joined hands together to serve a common purpose, IEEE Pune Section serves all its initiatives through volunteers only.



Section Student Congress Volunteering

SAC Volunteering leaders

6. Community Building: IEEE Pune Section forms the various communities e.g. IEEE Pune Section formed the SIG- on Health Care, SIG- on Affordable Agriculture, Block Chain Work group (a 2023 initiative). These communities holds hand of the members to yield mutual support to each other.

a. Evidences: IEEE Pune Section having function SIGs where these SIGs activities are not only collaborating with local eco-system but the efforts are taken to organize activities at international level as well. Like Dr Octoveravian from IMS society chapter Portugal Section visited IEEE Pune Section to discuss potential collaboration avenues.

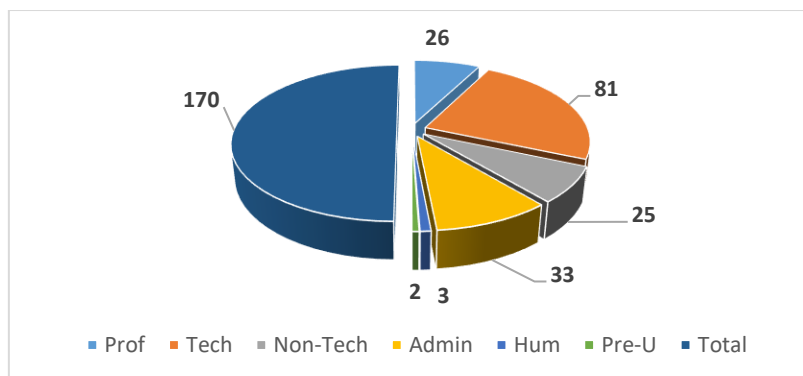
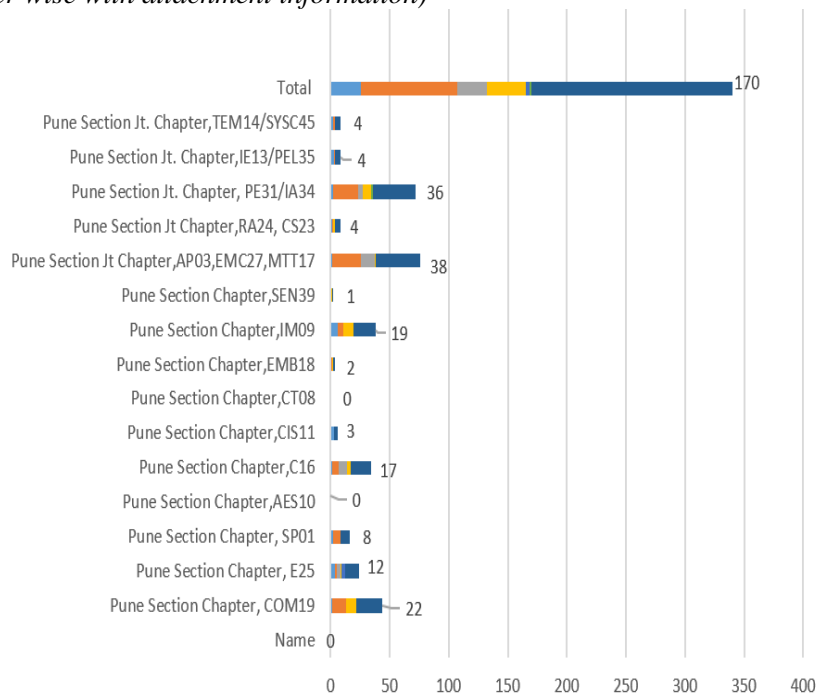


Dr. Octavian visited in the Month of December 2023 to IEEE Pune Section

The IEEE Pune Section attempting to increase the value of membership through adapting strategic approach towards membership engagement by putting these tactics into practice and keeping an eye on pertinent indicators. This might have increased retention rates and maybe drawn in new members, which would have aided in the section's overall growth and sustainability.

B.2: Chapter Activities: The IEEE Pune Section's chapter activities support members' professional and personal growth, encourage teamwork and information exchange, involve the community, and further IEEE's goal of advancing technological innovation for the good of humanity.

- **Total Number of Chapters: 13**
- **Number of Chapters formed in 2023: 02**
 - Joint Chapter TEMS and System Council
 - Information Theory Society Chapter
- **Number of Active Chapter: 13**
- **Summary of Chapter activities:**
(Chapter wise with attachment information)



B.3. Professional and Continuing Education Activities:

(Summary of continuing educational activities including conferences, technical activities, training courses, and distinguished lecture programs with attachment table / information.)

The professional educational activities are instrumental in the empowering individuals with the knowledge and skills needed to address complex technical challenges and drive innovation.

Sr. No	Event	Date	SPOID
1.	Special Session address: Advances in Signal Processing	15 December 2023	CH10586
2.	IEEE Pune Con-2023	15 th December 2023	R000120
3.	Eu-Reka Felicitation Ceremony	09 December 2023	CH10989
4.	DISCUSSION WITH PROFESSORS AT MIT-ADT	09 December 2023	CH10989
5.	Pune Institute of Computer Technology (PICT) IEEE AP-S Student Branch Chapter Inauguration	09 December 2023	SBC18461A
6.	Inauguration of Student Chapter of AP-S at PICT	09 December 2023	CH10989
7.	BEEE (Basics of electrical and electronics engineering) Project Exhibition	09 December 2023	STB99402
8.	Inauguration of "ME and Electromagnetics" Lab	07 December 2023	CH10989
9.	Symposium on " Electromagnetics for Humanity"	04 December 2023	CH10989
10.	IEEE SPS Winter School on Explainable AI for Signal and Image Processing	04 December 2023	CH10586
11.	IEEE PES Distinguished Lecture on 'Insights into Design of Transformers'	29 November 2023	CH10593
12.	'SMART TECHNOLOGIES IN POWER & ENERGY SYSTEMS'	24 November 2023	CH10593
13.	IEEE PES-JT. Chapter Hyderabad Section/ R10 Pes India Chapters Annual Global Workshop 2023- 4th Edition "Smart Technologies In Power & Energy Systems "	24 November 2023	CH10103, CH10219, CH10593, CH10400, CH10201, CH10241
14.	World Television Day Celebration	21 November 2023	CH10579
15.	Valedictory of Project Rise	06 November 2023	STB62941
16.	International Conference on Integration of Computational Intelligent System (ICICIS) 2023	01 November 2023	CH10588
17.	IEEE SB BVUCOEP Electrical AutoCAD Training	01 November 2023	STB31281
18.	Initiation Meeting of E-Waste Awareness and Management Initiative	01 November 2023	STB64321
19.	Expert Talk on Lightning Detection Sensors	30 October 2023	CH11052
20.	Electronics Design Principles & Applied Robotics Workshop	30 October 2023	STB63421

Sr. No	Event	Date	SPOID
21.	Expert Talk on Lightning Detection Sensors	30 October 2023	CH11052
22.	Expert Talk on Lightning Detection Sensors	30 October 2023	CH11052
23.	Electronics Design Principles & Applied Robotics Workshop	30 October 2023	STB63421
24.	Symposium of Research Scholar (SYRES-2023)	28 October 2023	CH10407, R00149, CH10989, R00120
25.	IEEE Xtreme Programming Competition	28 October 2023	STB62831
26.	Coding Competition	27 October 2023	STB66435
27.	BroCode: Coding In & As Bhai	27 October 2023	STB11768
28.	PCB Design and Fabrication	26 October 2023	CH10579
29.	Zero to GA (Generative AI)	25 October 2023	STB61621
30.	Expert lecture on "Power Quality Basics and Opportunities in Electrical Power Systems"	23 October 2023	CH10593
31.	Talk on 'Celestial Source Objects and their visibility'	21 October 2023	CH10989
32.	IEEE Pune Section Student Congress 2023	21 October 2023	R00120, STB62941
33.	Workshop on Artificial Intelligence in Healthcare	20 October 2023	SBC10027A
34.	Workshop on LaTeX	18 October 2023	STB11442
35.	Student Training Program on 8051 Microcontroller and it's Real-Time Applications	17 October 2023	CH10579
36.	Project RISE Phase 3	14 October 2023	STB62941
37.	IEEE International Conference on Blockchain and Distributed Systems Security 2023	06 October 2023	CH10588
38.	Student Visit to Defense Institute of Advanced Technology, Pune	12 October 2023	SBC18461A
39.	Web Development Program	06 October 2023	STB66435
40.	IEEE SB BVUCOEP Membership Drive	06 October 2023	STB31281
41.	Conducting a Workshop on ECG and EEG for Students	06 October 2023	CH10982
42.	Guest lecture on "Industrial Automation"	06 October 2023	STB31281
43.	Interaction for Collaboration at C-MET Pune	15 Sep 2023	STB64321
44.	Street Play on 'Promoting Use of Sustainable Products'	14 Sep 2023	CH10989
45.	Industrial Visit at "Tirupati Enterprises, Pune" for TE students.	13 Sep 2023	STB11442
46.	IEEE Region 10 Young Professional UpSkill - Pune Section 2023.	03 Sep 2023	STB62941

Sr. No	Event	Date	SPOID
47.	UPSKILL PUNE 2023 - From Idea to Impact: Navigating the innovation journey with creativity.	03 Sep 2023	YP00120
48.	Brainstorming Workshop on Affordable Agriculture Projects Under IEEE Pune Section.	31 Aug 2023	CH10982
49.	Industrial Fault Indication System With Sms Alert Workshop	23 Aug 2023	SBC62941
50.	Seminar on " Scope of Embedded Systems "	22 Aug 2023	CH10586, SBC62941
51.	Seminar on " Scope of Embedded Systems"	22 Aug 2023	CH10586, SBC62941
52.	7 th International Conference on Computing, Communication, Control and Automation-2023	19 th August 2023	CH11045
53.	Expert Talk: Meta-surface Design For Next generation Wireless Communication	19 August 2023	CH10989
54.	Expert Session on "Meta surface Design for Next-Generation Wireless Communication."	19 August 2023	CH10989
55.	Aspire for Her, Data Science workshop in collaboration with IBM, Raison SB	19 Aug 2023	WE00120
56.	Data Science Workshop	19 Aug 2023	SBC10027A
57.	Industry Academia Engagement Workshop on 'Industry 4.0 AI, ML, and Deep Learning Applications in the Electrical Power Industry' 'Event supported by Industry Relations Committee of R10'	19 Aug 2023	CH10593
58.	DL Session at DY Patil College of Engineering Akurdi on 19 Aug 2023	19 Aug 2023	CH11045
59.	Add on Training on MATLAB & Simulink	08 Aug 2023	STB11442
60.	IIT/NIT Expert Talk on Generative AI with Natural Language Processing	05 Aug 2023	SBC10027A
61.	Expert Lecture applications of Networking for Signal Processing	31 Jul 2023	CH10586
62.	Recent Trends and Opportunities in Computer Networks and Network Security	31 Jul 2023	STB11768, CH10586
63.	BMI Workshop at MIT ADT	28 Jul 2023	STB63421
64.	Distinguished Lecture by Dr. Madeleine Lowery on "Deep Brain Stimulation for Parkinson's Disease"	27 Jul 2023	CH11008
65.	Distinguished Lecture by Dr. Omer Inan on "Mental Health Technologies"	26 Jul 2023	CH11008

Sr. No	Event	Date	SPOID
66.	Expert Talk on “Chandrayan-3 Moon Mission & Moon Landing”	26 Jul 2023	CH10579
67.	IEEE Computational Intelligence Society Chapter’s Fun Learning Mini Project Ideas in Artificial Intelligence and Machine Learning under TRY Engineering	25 Jul 2023	SBC11424C
68.	IEEE Try Engineering	25 Jul 2023	CH11052
69.	IEEE EMBS Pune Chapter presents one Week Faculty Development Program (FDP) on “Artificial Intelligence in Healthcare”	24 Jul 2023	CH11008
70.	Skill Development Program On Developing Real Time Applications Using Iot And Machine Learning.	24 Jul 2023	SBC10027A
71.	Expert Talk on: Exploring India's Role in Global Space Industry: opportunities and challenges	22 Jul 2023	CH11052
72.	Workshop on Android development	21 Jul 2023	SBC31441
73.	India Energy Storage Alliance (IESA) IEEE joint Student knowledge series lecture on 'R&D Facilities and Internship and Start up Opportunities'	20 Jul 2023	CH10593
74.	Expert Talk On Metal Injection Molding (Mim) - Emerging Advanced Manufacturing Technology: Advantages And Applications.	20 Jul 2023	CH11052
75.	Summer Internship on Computational Aerodynamics	15 Jul 2023	CH11052
76.	Talk on Opportunities and Challenges in the field of Electromagnetics	13 Jul 2023	CH10989
77.	ADVIT Lab Visit at Hinjewadi,Pune	13 Jul 2023	SBC10027A
78.	2023 IEEE SPS Seasonal School on Signal Processing for Medical and Agriculture Applications (Hybrid Mode) July 10 -15, 2023	10 Jul 2023	CH10359, SBC13901D
79.	Industry visit was arranged to Eaton India Innovation Center, Pune	08 Jul 2023	CH10593
80.	IEEE PES - IESA Joint Student Knowledge Series " Introduction to Green Hydrogen and Fuel Cell Technologies "	23 Jun 2023	CH10593
81.	Conclave On 'Technology & Environment'	11 Jun 2023	CH10989
82.	DL Session by Dr Levent Sevgi and meeting with IEEE Pune ExCom and managing committee of IEEE JCAME Pune	07 Jun 2023	CH10989
83.	Environment Week Celebration - Podcast	04 Jun 2023	R00120
84.	IEEE Pune Section- MCCIA meet	27 May 2023	R00120

Sr. No	Event	Date	SPOID
85.	IEEE SPS society Project Exhibition	19 May 2023	CH10586
86.	IEEE PES - IESA Joint Student Knowledge Series 10th Edition "Introduction to Micro-grids"	18 May 2023	CH10593
87.	"Meet the Scientist" on account of World Telecom Day	17 May 2023	CH10579
88.	IEEE SPS society organized Expert Lecture on " Upcoming Trends in digital marketing"	17 May 2023	CH10586
89.	Workshop on Java and Android	15 May 2023	STB63141
90.	Java and Android Boot camp, RSCOE	15 May 2023	WE00120
91.	Project Based Learning Contest-2023(PBLC-2023)	01 May 202	SIGHT156
92.	Webinar on ""Writing a quality Technical Publication (IEEE guidelines)""	25 Apr 2023	SIGHT156
93.	Faculty Development Program on Blockchain	24 Apr 2023	CH10588
94.	Teachers Training program –1 on IOT	24 Apr 2023	CH10989
95.	Visible Light Communication: Beyond 5G	20 Apr 2023	STB13901, CH10359
96.	Webinar on "Big Data and Data Science"	19 Apr 2023	SIGHT156
97.	Scope of Microwaves and Antennas in Modern Communication Systems	19 Apr 2023	CH10989
98.	Talk on 'Scope of Microwaves and Antennas in Modern Communication Systems' by Dr Changzhi Li	19 Apr 2023	CH10989
99.	Talk on 'Portable Radar Systems for Life Activity Sensing' by Dr Changzhi Li	19 Apr 2023	CH10989
100.	Hands on Workshop on UI/UX	17 Apr 2023	SBC63161
101.	Workshop on Sensors using Plastic Glass Optical Fibers with Design	13 Apr 2023	SBC31441
102.	Workshop on Measurement systems - Sensors to Edge Computing	08 Apr 2023	SBC31441
103.	8th International Conference for Convergence in Technology (I2CT)	07 Apr 2023	STB14011
104.	Workshop On Affordable Agriculture Projects Of IEEE Pune Section	06 Apr 2023	CH10982
105.	Education Week	05 Apr 2023	STB11434
106.	Seminar on IEEE educational resources: Try Engineering and IEEE Xplore Sponsored by IEEE Educational activity committee and	03 Apr 2023	SBC10027A

Sr. No	Event	Date	SPOID
	IEEE Pune section under IEEE educational week 2023.		
107.	science workshops for underprivileged school students	03 Apr 2023	CH10989
108.	Bio Medical Instrumentation and Design Workshop	03 Apr 2023	STB63421
109.	IEEE EDUCATION WEEK, VISIT TO GMRT	03 Apr 2023	WE00120
110.	Industry Expert Hands-on session on Control System Design	28 Mar 2023	STB13901
111.	Launch of "Being a Woman" Dialogue Series	27 Mar 2023	WE00120, STB62941, R00120
112.	Seminar on IEEE XPLORE	24 Mar 2023	STB64321
113.	IEEE PES - IESA Joint Student Knowledge Series "Introduction to Electrical Vehicle Batteries"	16 Mar 2023	CH10593
114.	Student Development programme on IOT Product Design	15 Mar 2023	SBC11424B, CH10779
115.	Workshop on Blockchain	13 Mar 2023	CH10588
116.	IEEE CIS Distinguished Lecture on Evolutionary Machine Learning: Research, Applications and Challenges	11 Mar 2023	SBC11424C
117.	Blockcon'23 - Blockchain Event	11 Mar 2023	CH10588
118.	IEEE CIS Distinguished Lecture on Evolutionary Machine Learning: Research, Applications and Challenges	11 Mar 2023	CH11036
119.	UX and UI Design Workshop	10 Mar 2023	STB11434
120.	Research Opportunities in the field of Power Electronics by Dr. Sanjib Panda	09 Mar 2023	CH10593
121.	PES-PELS Distinguished Lecturer Program of Dr. Sanjib Panda on Single Phase Inverter Control Techniques for RE in Smart Grid	09 Mar 2023	CH10593
122.	Women's Day Celebration at MITADT AND Women Achievement Awards 2023	08 Mar 2023	WE00120
123.	A HACKATHON AT THE INTERSECTION OF EYE AND TECHNOLOGY	04 Mar 2023	CH11036
124.	5th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI-2023)	01 Mar 2023	R00120, CH10579

Sr. No	Event	Date	SPOID
125.	Guest lecture on 3-D printing	28 Feb 2023	STB11442
126.	Faculty Development Program on "AR & VR Technology"	20 Feb 2023	CH10588
127.	IEEE PES - IESA Joint Student Knowledge Series "Introduction of Battery Manufacturing and Supply Chain"	16 Feb 2023	CH10593
128.	CodeBreak 4.0 Sustainable and innovative solutions for industrial infrastructure development	15 Feb 2023	SBC11424C
129.	SMART PUNE HEALTH HACKATHON 2023	13 Feb 2023	CH11008, STB11424, SBA11424
130.	Seminar on Latest Technology in Communication Engineering.	13 Feb 2023	STB63141
131.	Workshop on "Research Paper Writing & Technical Report Writing with LaTeX"	10 Feb 2023	STB11442
132.	Brain storming on conducting workshop at Pune,India -related to IEEE International Automated Vehicle Validation Conference 2023	03 Feb 2023	CH10982
133.	IEEE Awareness Session on Women in Engineering Affinity Group	03 Feb 2023	SBC10027A
134.	Faculty Development Program on 'Deep learning and its Applications'	30 Jan 2023	STB11768
135.	The IOT Technology Chain: Basics, Applications and Opportunities	28 Jan 2023	STB13901
136.	Bio signals and Bio Instrumentation – One Day Workshop	28 Jan 2023	STB99402
137.	Computational Thinking Python Workshop	27 Jan 2023	STB31441
138.	Skill Development Program On Core Java and Advanced Java	09 Jan 2023	SBC10027A
139.	Astronomy and beyond with NASA	07 Jan 2023	STB13901
140.	Machine Learning for Analytics Architecture: AI to Design AI	04 Jan 2023	STB14011

B.4 Students Activities: The EEE Pune Section gives students the tools, networks, and experiences necessary to thrive in the fast-paced world of technology and make significant contributions to society. This allows them to take an active role in both their academic and professional endeavors.

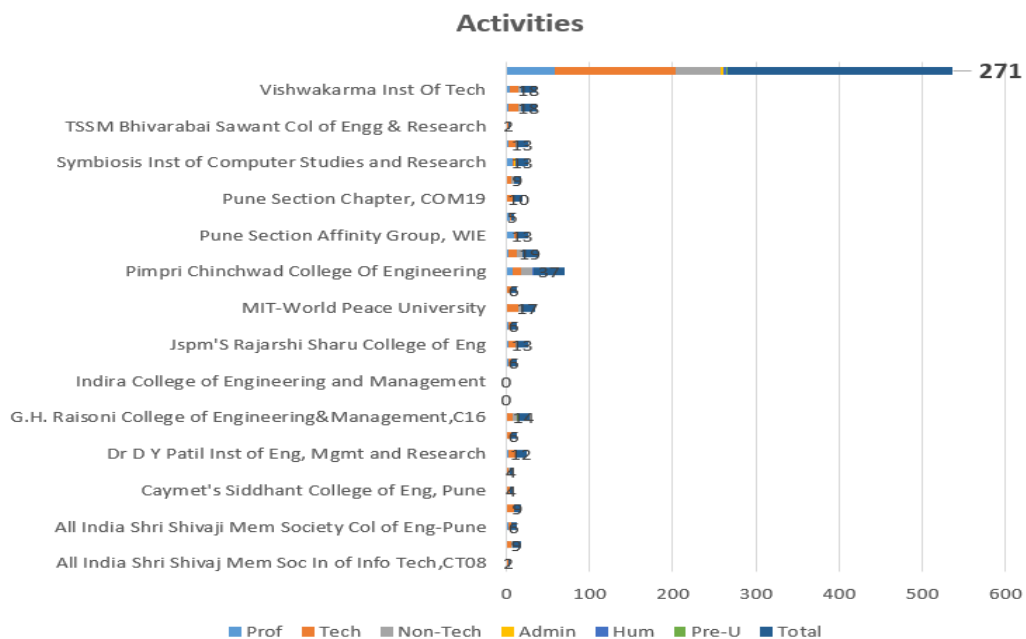
- **Total number of Student Branches in the Section: 25**
- **Number of Student Branches formed in the current year: 03**
- **Section level student activities (student congress, paper and other contests, awards etc):**

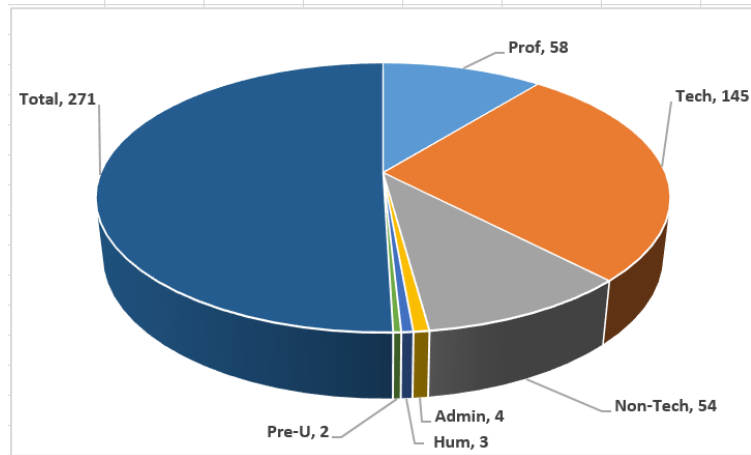
Sr. No	Event	Date	SPOID
1	Pune Institute of Computer Technology (PICT) IEEE AP-S Student Branch Chapter Inauguration	09-Dec-23	SBC18461A
2	BEEE (Basics of Electrical and Electronics Engineering) Project Exhibition	09-Dec-23	STB99402
3	Valedictory of Project Rise	06-Nov-23	STB62941
4	IEEE SB BVUCOEP Electrical AutoCAD Training	01-Nov-23	STB31281
5	Initiation Meeting of E-Waste Awareness and Management Initiative	01-Nov-23	STB64321
6	Electronics Design Principles & Applied Robotics Workshop	30-Oct-23	STB63421
7	Electronics Design Principles & Applied Robotics Workshop	30-Oct-23	STB63421
8	IEEE Xtreme Programming Competition	28-Oct-23	STB62831
9	Coding Competition	27-Oct-23	STB66435
10	BroCode: Coding In & As Bhai	27-Oct-23	STB11768
11	Zero to GA (Generative AI)	25-Oct-23	STB61621
12	Workshop on Artificial Intelligence in Healthcare	20-Oct-23	SBC10027A
13	Workshop on LaTeX	18-Oct-23	STB11442
14	Project RISE Phase 3	14-Oct-23	STB62941
15	Student Visit to Defense Institute of Advanced Technology, Pune	12-Oct-23	SBC18461A
16	Web Development Program	06-Oct-23	STB66435
17	IEEE SB BVUCOEP Membership Drive	06-Oct-23	STB31281
18	Guest lecture on “Industrial Automation”	06-Oct-23	STB31281
19	Interaction for Collaboration at C-MET Pune	15-Sep-23	STB64321
20	Industrial Visit at “Tirupati Enterprises, Pune” for TE students.	13-Sep-23	STB11442
21	IEEE Region 10 Young Professional UpSkill - Pune Section 2023.	03-Sep-23	STB62941
22	Industrial Fault Indication System With SMS Alert Workshop	23-Aug-23	SBC62941
23	Seminar on " Scope of Embedded Systems "	22-Aug-23	CH10586, SBC62941
24	Seminar on " Scope of Embedded Systems”	22-Aug-23	CH10586, SBC62941
25	Aspire for Her, Data Science workshop in collaboration with IBM, Rasoni SB	19-Aug-23	WE00120
26	Data Science Workshop	19-Aug-23	SBC10027A
27	Add on Training on MATLAB & Simulink	08-Aug-23	STB11442
28	IIT/NIT Expert Talk on Generative AI with Natural Language Processing	05-Aug-23	SBC10027A

Sr. No	Event	Date	SPOID
29	Recent Trends and Opportunities in Computer Networks and Network Security	31-Jul-23	STB11768, CH10586
30	BMI Workshop at MIT ADT	28-Jul-23	STB63421
31	IEEE Computational Intelligence Society Chapter's Fun Learning Mini Project Ideas in Artificial Intelligence and Machine Learning under TRY Engineering	25-Jul-23	SBC11424C
32	Skill Development Program On Developing Real Time Applications Using Iot And Machine Learning.	24-Jul-23	SBC10027A
33	Workshop on Android development	21-Jul-23	SBC31441
34	ADVIT Lab Visit at Hinjewadi,Pune	13-Jul-23	SBC10027A
35	2023 IEEE SPS Seasonal School on Signal Processing for Medical and Agriculture Applications (Hybrid Mode)	10-Jul-23	CH10359, SBC13901D
36	Workshop on Java and Android	15-May-23	STB63141
37	Java and Android Boot camp, RSCOE	15-May-23	WE00120
38	Visible Light Communication: Beyond 5G	20-Apr-23	STB13901, CH10359
39	Hands on Workshop on UI/UX	17-Apr-23	SBC63161
40	Workshop on Sensors using Plastic Glass Optical Fibers with Design	13-Apr-23	SBC31441
41	Workshop on Measurement systems - Sensors to Edge Computing	08-Apr-23	SBC31441
42	8th International Conference for Convergence in Technology (I2CT)	07-Apr-23	STB14011
43	Education Week	05-Apr-23	STB11434
44	Seminar on IEEE educational resources: Try Engineering and IEEE Xplore Sponsored by IEEE Educational activity committee and IEEE Pune section under IEEE educational week 2023.	03-Apr-23	SBC10027A
45	Bio Medical Instrumentation and Design Workshop	03-Apr-23	STB63421
46	IEEE EDUCATION WEEK, VISIT TO GMRT	03-Apr-23	WE00120
47	Industry Expert Hands-on session on Control System Design	28-Mar-23	STB13901
48	Launch of "Being a Woman" Dialogue Series	27-Mar-23	WE00120, STB62941, R00120
49	Seminar on IEEE XPLORE	24-Mar-23	STB64321
50	Student Development programme on IOT Product Design	15-Mar-23	SBC11424B, CH10779
51	IEEE CIS Distinguished Lecture on Evolutionary Machine Learning: Research, Applications and Challenges	11-Mar-23	SBC11424C
52	UX and UI Design Workshop	10-Mar-23	STB11434
53	Women's Day Celebration at MITADT AND Women Achievement Awards 2023	08-Mar-23	WE00120
54	Guest lecture on 3-D printing	28-Feb-23	STB11442
55	CodeBreak 4.0 Sustainable and innovative solutions for industrial infrastructure development	15-Feb-23	SBC11424C

Sr. No	Event	Date	SPOID
56	Smart Pune Health Hackathon 2023	13-Feb-23	CH11008, STB11424, SBA11424
57	Seminar on Latest Technology in Communication Engineering.	13-Feb-23	STB63141
58	Workshop on "Research Paper Writing & Technical Report Writing with LaTeX"	10-Feb-23	STB11442
59	IEEE Awareness Session on Women in Engineering Affinity Group	03-Feb-23	SBC10027A
60	Faculty Development Program on 'Deep learning and its Applications'	30-Jan-23	STB11768
61	The IOT Technology Chain: Basics, Applications and Opportunities	28-Jan-23	STB13901
62	Bio signals and Bio Instrumentation – One Day Workshop	28-Jan-23	STB99402
63	Computational Thinking Python Workshop	27-Jan-23	STB31441
64	Skill Development Program On Core Java and Advanced Java	09-Jan-23	SBC10027A
65	Astronomy and beyond with NASA	07-Jan-23	STB13901
66	Machine Learning for Analytics Architecture: AI to Design AI	04-Jan-23	STB14011

- **Number of active Student Branches (Student Branches who have reported required number of meetings during the year): 23**
- **Summary of Student Branch activities (Student Branch wise with attachment table/information)**





B.5 Affinity Group Activities

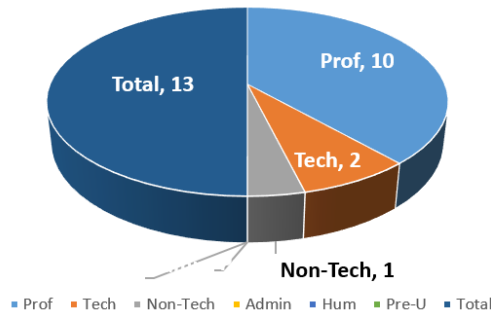
- Young Professional (YP):** IEEE Young Professional affinity groups engage in various activities aimed at professional development, networking, and community involvement. These activities include:

Sr. No.	Activity	Date
1.	All about a Career in Aerospace	12 th March 2023
2.	Learning by doing- a paradigm Shift A field visit to Vigyan Ashram, Pabal	30 th July 2023
3.	A career in Data Science	05 th August 2023
4.	Upskill 2023, Pune Section	03 rd September 2023
5.	IEEE Day Celebration	06 th October 2023



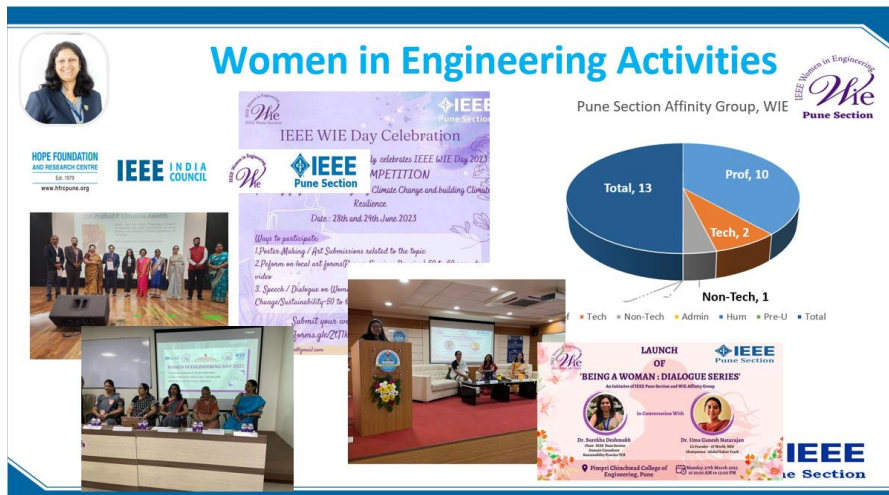
- Women In Engineering (WIE):** IEEE Women in Engineering groups engage in various activities aimed at professional development, networking, and community involvement. These activities include:

Pune Section Affinity Group, WIE

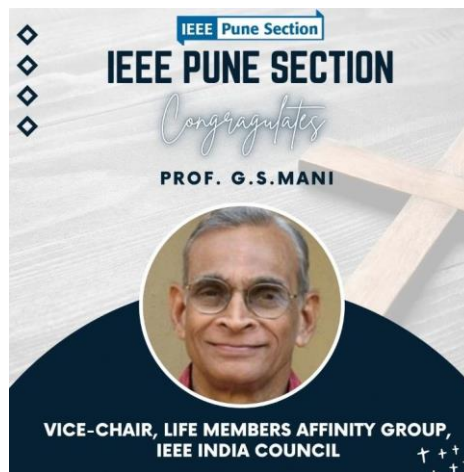


List of major Activities conducted under Affinity Group-Women in Engineering

Sr. No.	Name of Activity	Date
1.	Shri Pralhad P Chabria Awards 2023	11 th March 2023
2.	Being a Women Dialogue Series	17 th March 2023
3.	WIE Day Celebration	28 th and 29 th June 2023
4.	IEEE Women in Engineering Day 2023	22 nd July 2023



- **Life Member (LM):** Prof. G. Mani become Vice-chair, Life Members Affinity Group, IEEE India Council.



B.6 Awards & Recognition Activities

- **Award constituted by the Section:** IEEE sections often establish awards to recognize outstanding contributions and achievements in various fields related to electrical and electronics engineering, computer science, and related disciplines. These awards may include:



- **List of IEEE Pune Section Awardees-2023:**

Sr. No.	Award Category	Awardee
1.	Student Branch Counselor of the Year 2023	Dr. Anuja Jadhav PCCOE IEEE Student Branch
2.	Student Branch of the Year 2023	PICT IEEE Student Branch
3.	Student Chair of the Year 2023	Nidhi Prashant Yadav PICT IEEE Student Branch
4.	Student Member Volunteer of the 2023	Isha Kiran Dasharathe (IEEE PESMCOE)
5.	Student Member Volunteer of the 2023	Pranav Manoj Bari (IEEE RSCOE Student Branch)
6.	Student Member Volunteer of the 2023	Gurmeet Kaur Jandoo (IEEE Student Branch MIT ADT,Pune)
7.	Student Member Volunteer of the 2023	Aditya Purohit (IEEE SB MMCOE)
8.	Student Member Volunteer of the 2023	Akanksha Rajesh Prasad (MIT ADT University IEEE Branch)
9.	Student Member Volunteer of the 2023	A S Laxman Babu (IEEE PCCOE Student Branch)
10.	Student Member Volunteer of the 2023	Shreeya Kamtikar (IEEE SB MMCOE)
11.	Student Member Volunteer of the 2023	Rakshit Anilkumar Nirmalakumari Jain (PCCOE IEEE Student Branch)
12.	Emerging Student Branch 2023	IEEE VIIT Student Branch

Sr. No.	Award Category	Awardee
13.	Professional Member Volunteer 2023	Dr. Ashvini Chandrakishor LadekarPCCOE IEEE Student Branch
14.	Best Chapter Award 2023	Dr. Geetanjali Vaidya Chair, PES/IAS Chapter
15.	Innovator/Researcher Person of the Year 2023	Rajesh Shardanand Prasad MIT ADT University
16.	Young Professional of the Year 2023	Priyabrata Shaw Eaton, Pune
17.	Women in Engineering of the Year 2023	Dr. Prutha Prashant Kulkarni VIIT Pune
18.	Senior Member of the Year 2023	Dr. Binod Kumar JSPM's RSCOE, Pune

- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year:

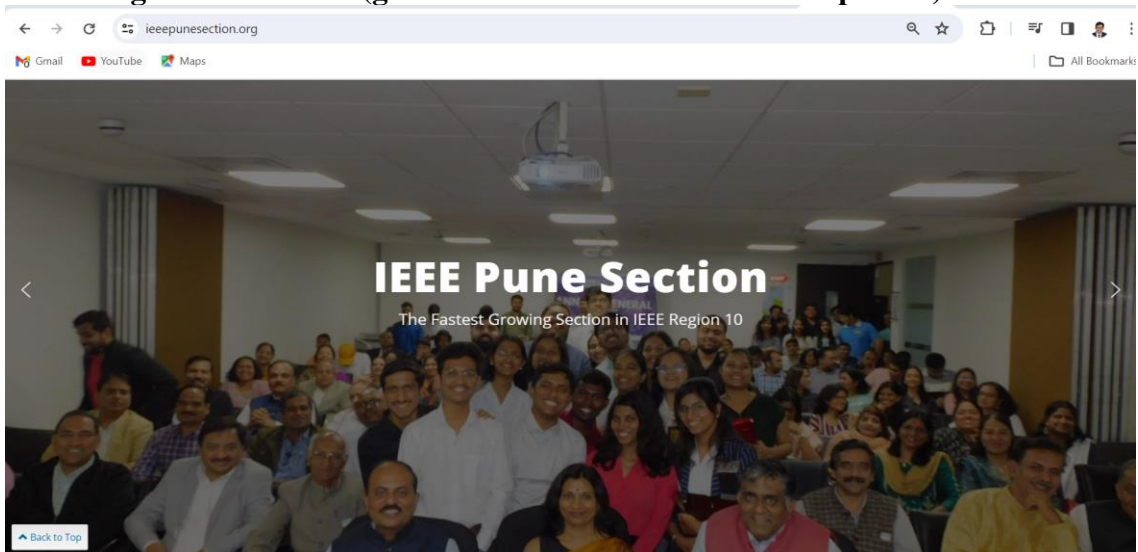
S. N.	Award
1.	Ulrich Rodhe Awards (APS)
2.	Pune Institute of Computer Technology: IEEE Regional Best Student Branch Award 2023 (India Council)
3.	Dr. P. K Sinha- Fellow Member, IEEE
4.	Mr. Dhiraj Chaurasia invited and become core working member of HTC
5.	Dr. Rajashree Jain nominated and become Vice-Chair IEEE India Council
6.	Dr. Surekha Deshmukh IEEE Climate Change Global Visibility Sub-Committee, PICC
7.	Prof. G. S. Mani Vice-Chair IEEE Life Members India Council
8.	Dr. Y. Ravinder and PICT students Bagged URSI award
9.	Dr. Prutha Kulkarni won International Outstanding Researcher Award (Asia's S & T Res Awards 2023)
10.	Dr. Prutha Kulkarni won International Best Researcher Award for Research & Excellence in RF & MW domain by ISSN International Res Awards Congress (IIRAC 2023)

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

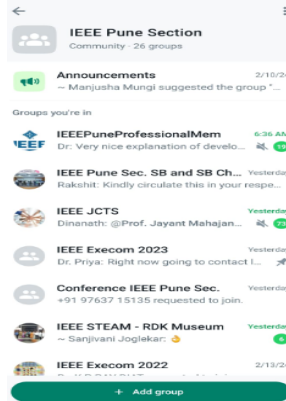
- **Newsletter (name and number of issues in the year):**



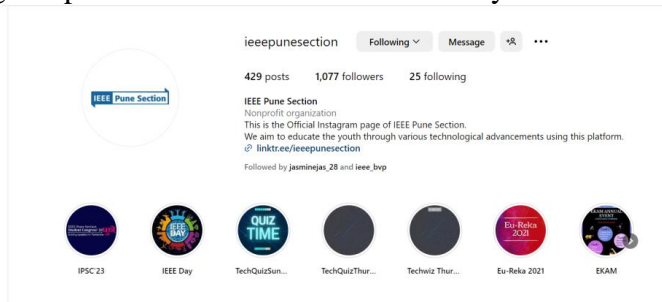
- **Home Page of the Section (give the URL and how often it is updated):**



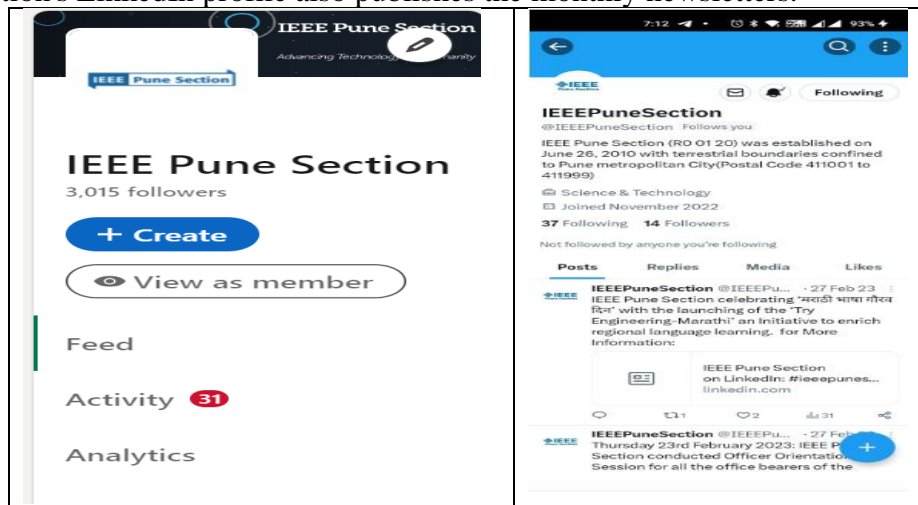
- **Other means of contacts with Section members including social media:** The website address of the IEEE Pune Section is <https://ieeepunesection.org/>. Every week, the website is updated.
- Additional channels of communication, such as social media, with Section members. Additional ways to get in touch with the section members are:
 - ✧ **WhatsApp:** All student members of the IEEE Pune division have been added to Twenty-six WhatsApp groups. Members are informed about activities and news related to the section using these WhatsApp groups. One WhatsApp Community ‘IEEE Pune Section Connects all the groups.



- ✧ **Instagram:** Before every sectional event, the IEEE Pune section updates their Instagram profile. These days, people are more likely to check social media during the day. Instagram posts and stories are used to notify members in this way.



- ✧ **LinkedIn:** There are a lot of senior members on LinkedIn. Members who are senior and students are informed about events through the LinkedIn network. The Pune section's LinkedIn profile also publishes the monthly newsletters.



- ✧ **Social media:** IEEE Pune Section established a special work team under Student Activity Council (SAC) i.e. social media. The Team takes efforts to reach maximum members, non-member aspirants to become part of IEEE activities. The Social media activities uses platform like Facebook, LinkedIn, Instagram, WhatsApp, etc.

B.8 Industry Relations

- **Membership growth and retention:** The IEEE Pune Section likely engages in various membership growth and retention activities to attract new members and maintain the engagement of existing ones. Here are some common strategies that IEEE sections often employ:

Sr. No.	Event	Date
1.	Training Programme	11 th December 2023
2.	IEEE Membership development session	04 th December 2023
3.	Breakfast meeting with Dr Poddar and Mr Muralidharan	24 th November 2023
4.	World Television Day Celebration	21 st November 2023
5.	Deepavali Photo Contest	14 th November 2023
6.	Meeting with BNP	06 th November 2023
7.	IEEE Awareness Session	03 rd November 2023
8.	Initiation Meeting of E-Waste Awareness and Management Initiative	01 st November 2023
9.	IEEE Xtreme 17.0	28 th October 2023
10.	Symposium of Research Scholar (SYRES- 2023)	28 th October 2023
11.	Talk on 'Celestial Source Objects and their visibility'	21 st October 2023
12.	IEEE Pune Section Student Congress 2023	21 st October 2023
13.	IEEE Xtreme 17.0 Awareness Session	19 th October 2023
14.	IEEE Pune Branches Meet	18 th October 2023
15.	Overview Session on IEEE Eureka & Xtreme	14 th October 2023
16.	IEEE Day Celebration	14 th October 2023
17.	Industrial Visit At Primus Techsystem	14 th October 2023
18.	Student Visit to Defense Institute of Advanced Technology, Pune	12 th October 2023
19.	IEEE EUREKA CELEBRATES IEEE DAY 2023	10 th October 2023
20.	IEEE Intromet 2023-24	06 th October 2023
21.	IEEE Day Celebration	06 th October 2023

Sr. No.	Event	Date
22.	IEEE SB BVUCOEP Membership Drive Report	06 th October 2023
23.	Mahatma Gandhi Birth Anniversary and IEEE Day 2023 Celebration-Vocational Training Program at Government Public Schools	06 th October 2023
24.	Education Abroad and Beyond	04 th October 2023
25.	IEEE Day Technology Quiz	03 rd October 2023
26.	Officers meeting with student Committee	03 rd October 2023
27.	IEEE Day 2023-Helping Hands	03 rd October 2023
28.	IEEE SB BVUCOEP: Membership Drive	03 rd October 2023
29.	Membership Drive	03 rd October 2023
30.	IEEE Awareness Program	22 nd September 2023
31.	IEEE Membership Benefits and Membership Drive	18 th September 2023
32.	IEEE PES-IAS members involvement in "Empowering the Future: Innovations In Electrical Power, And Solar Technologies"	16 th September 2023
33.	Street Play on 'Promoting Use of Sustainable Products'	14 th September 2023
34.	IEEE Membership Development Drive under knowledge management group	13 th September 2023
35.	IEEE Awareness Program	12 th September 2023
36.	IEEE & IEEE Pune Section Awareness Session	11 th September 2023
37.	IEEE Orientation for First Year Engineering Students 2023	09 th September 2023
38.	Street play by school students on Traffic discipline sponsored by JCAME	31 st August 2023
39.	Session on Journey to Apple: Leadership insights and creating Business Value.	28 th August 2023
40.	Readiness for the Corporate World	25 th August 2023
41.	IEEE SB BVUCOEP Membership Drive	21 st August 2023
42.	IEEE Membership Drive and ITSA Recruitment	17 th August 2023
43.	Ignite Your Career with IEEE Membership	08 th August 2023

Sr. No.	Event	Date
44.	IEEE FY Engagement Program	02 nd August 2023
45.	Learning by Doing- A Paradigm Shift	30 th July 2023
46.	Group Discussion on NEP	28 th July 2023
47.	IEEE Try Engineering	25 th July 2023
48.	Maitri Yojana - A Helping Hand (WIE DAY Celebrations)	18 th July 2023
49.	Industry Academia Engagement Workshop on 'Industry 4.0 AI, ML, and Deep Learning Applications in the Electrical Power Industry' 'Event supported by Industry Relations Committee of R10'	15 th July 2023
50.	Talk on Opportunities and Challenges in the field of Electromagnetics	13 th July 2023
51.	Meeting with TIFR scientists	11 th July 2023
52.	IEEE WIE Day Celebration	28 th June 2023
53.	Environment Day Quiz	10 th June 2023
54.	IEEE Pune Section- MCCIA meet	27 th May 2023
55.	IEEE PES Day Celebration Activity " Technical survey in regards with sustainable generation of solar energy & the impact faced due to climate change.	08 th May 2023
56.	Network Treasure Hunt (NTH)	05 th May 2023
57.	Teachers Training program –2	03 rd May 2023
58.	Teachers Training program –1	24 th April 2023
59.	Interaction with Dr Changzhi Li along with IEEE Pune Execom members	18 th April 2023
60.	Session on “Planning A Startup”	18 th April 2023
61.	Session on “Career Guidance in Management”	17 th April 2023
62.	IEEE PES Day Celebration Activity "Poster Making Competition "	17 th April 2023
63.	IEEE PES Day Celebration Activity "BLOG-WRITING COMPETITION "	17 th April 2023
64.	Seminar on IEEE educational resources: Try Engineering and IEEE Xplore Sponsored by IEEE Educational activity committee and IEEE Pune section under IEEE educational week 2023.	03 rd April 2023
65.	Everything about Entrepreneurship	03 rd April 2023

Sr. No.	Event	Date
66.	Student Development programme on IOT Product Design	15 th April 2023
67.	Poster competition on occasion of National Science Day	14 th March 2023
68.	Session on “Preparation for Placements”	14 th March 2023
69.	HFRC Hon. P.P. Chabbria Awards, panel presentations and final awards function	14 th March 2023
70.	Career Path Discovery Series: All about a career in Aerospace	12 th March 2023
71.	International Women’s Day	09 th March 2023

- Activities for/with industrial members:** The IEEE Pune Section likely engages in various activities aimed at collaborating with industrial members to foster innovation, knowledge sharing, and professional development. Here are some common activities that IEEE sections often undertake in partnership with industrial members.

Sr. No.	Event	Date
1.	Industrial Visit at Primus Techsystem	14 th October 2023
2.	Industrial Visit at Shraddha Electronics	01 st October 2023
3.	Industrial Visit at “Tirupati Enterprises, Pune” for TE students.	13 th September 2023
4.	IEEE Membership Development Drive under knowledge management group	13 th September 2023
5.	KPIT Sparkle Orientation	04 th September 2023
6.	Industry Academia Engagement Workshop on 'Industry 4.0 AI, ML, and Deep Learning Applications in the Electrical Power Industry' 'Event supported by Industry Relations Committee of R10'	19 th August 2023
7.	Visit to Pune Metro Station	19 th August 2023
8.	Industry Visit to SCION Energy Storage Company, Pune	11 th August 2023
9.	IEEE Pune Section 05 th ExCom meeting at Elliot Systems	27 th August 2023
10.	Learning by Doing- A Paradigm Shift Visit at Vigyan Ashram, Pabal	30 th July 2023
11.	India Energy Storage Alliance (IESA) IEEE joint Student knowledge series lecture on 'R&D Facilities and Internship and Start up Opportunities'	20 th July 2023
12.	P.I.N.G Annual Magazine Release	19 th July 2023

Sr. No.	Event	Date
13.	Industry Academia Engagement Workshop on 'Industry 4.0 AI, ML, and Deep Learning Applications in the Electrical Power Industry' 'Event supported by Industry Relations Committee of R10'	15 th July 2023
14.	ADVIT Lab Visit at Hinjewadi,Pune	13 th July 2023
15.	Meeting with TIFR scientists	11 th July 2023
16.	Industry visit was arranged to Eaton India Innovation Center, Pune	08 th July 2023
17.	IEEE Pune Section- MCCIA meet	27 th May 2023
18.	IEEE EDUCATION WEEK, VISIT TO GMRT	02 nd April 2023
19.	Industrial visit to Shree Pandurang Sahakari Sakhar Sugar Factory in Shreepur	01 st March 2023
20.	Industrial Visit to Inter-University Centre for Astronomy and Astrophysics (IUCAA) and National Center for Cell Science (NCCS)	28 th February 2023
21.	Industrial Visit to Renishaw Pvt. Ltd.	07 th February 2023
22.	01 st IEEE Pune Section ExCom meeting at Pune Management Association	04 th February 2023

B.9 Humanitarian Technology Activities

- **Humanitarian Technology related activities supported by the Section including collaboration with other OUs:**

Sr. No.	Event	Date
1.	Symposium on "Electromagnetics for Humanity"	04 th December 2023
2.	IEEE Day 2023-Helping Hands: Jspm'S Rajarshi Sharu College of Eng	03 rd October 2023
3.	Street Play on 'Promoting Use of Sustainable Products': Pune Section	14 th September 2023
4.	Project RISE Phase 1: Pimpri Chinchwad College Of Engineering,	13 th September 2023
5.	Education Week: Symbiosis Inst of Computer Studies and Research	05 th April 2023
6.	International Women's Day	09 th March 2023

- **SIGHT Activities:** IEEE Pune Section SIGHT has conducted total 07 activities as follows:



B.10 Community Activities: The IEEE Pune Section's community involvement programmes foster chances for reciprocal learning, teamwork, and positive impact, furthering IEEE's objective to advance technology for the benefit of humanity while fostering stronger, more resilient communities.

Sr. No	Event Title	Event Date
1.	Symposium on " Electromagnetics for Humanity"	04-12-2023 14:30
2.	2023 IEEE SPS Seasonal school on Explainable AI for Signal and Image Processing	04-12-2023 09:00
3.	World Television Day Celebration	21-11-2023 12:30
4.	Pre-Xtreme Prize Distribution, Farewell and Welcome of Committee.	03-11-2023 15:00
5.	Electronics Design Principles & Applied Robotics Workshop	30-10-2023 13:00
6.	IEEE Xtreme 17.0	28-10-2023 09:00
7.	IEEE Pune Branches Meet	18-10-2023 10:30
8.	IEEE Day Celebration	14-10-2023 10:00
9.	ROBOSPHERE DAY 2	12-10-2023 10:00
10.	RoboSphere Day 2	12-10-2023 10:00
11.	IEEE EUREKA CELEBRATES IEEE DAY 2023	11-10-2023 19:00
12.	IEEE DAY X Pre-Xtreme Hackathon	07-10-2023 12:00
13.	IEEE Intromet 2023-24	06-10-2023 17:00
14.	IEEE Day Celebration	06-10-2023 16:30
15.	Conducting a Workshop on ECG and EEG for Students	06-10-2023 11:00
16.	Mahatma Gandhi Birth Anniversary and IEEE Day 2023 Celebration-Vocational Training Program at Government Public Schools	06-10-2023 09:00
17.	Workshop on Electric Cables	05-10-2023 10:00
18.	IEEE Day Technology Quiz	03-10-2023 16:30

Sr. No	Event Title	Event Date
19.	IEEE Day 2023-Helping Hands	03-10-2023 14:25
20.	IEEE Day Celebrations 2023 (Balancing Bytes and Bites on IEEE Day: A Slice of Innovation and Research Enhancement)	03-10-2023 14:00
21.	IEEE DAY Celebration	03-10-2023 12:30
22.	MEME and Quiz contest.	03-10-2023 09:50
23.	RoboSphere Day 1	02-10-2023 11:00
24.	IEEE Eu-Reka 2023 Awareness Session and IEEE Membership Benefits Program	23-09-2023 14:00
25.	IESA Emerging tech scholarship announcement on World Energy Storage Day (WESD)	22-09-2023 18:15
26.	Engineers Day - Virtual Treasure Hunt	15-09-2023 15:00
27.	Poster competition on occasion of Engineer's day	15-09-2023 13:00
28.	IEEE Awareness Program	12-09-2023 10:00
29.	IEEE & IEEE Pune Section Awareness Session	11-09-2023 16:00
30.	Teachers Day	05-09-2023 16:00
31.	Teachers Day Celebration	05-09-2023 10:30
32.	IEEE PCCOE ITSOC Formation and Felicitation of Mentoring Board	05-09-2023 10:00
33.	UPSKILL PUNE 2023 - From Idea to Impact: Navigating the innovation journey with creativity	03-09-2023 09:30
34.	INDUSTRIAL FAULT INDICATION SYSTEM WITH SMS ALERT WORKSHOP	23-08-2023 09:00
35.	Industry Visit to SCION Energy Storage Company, Pune	11-08-2023 10:00
36.	Electric Vehicle Retrofitting	05-08-2023 09:00
37.	IEEE Computational Intelligence Society Chapter's Fun Learning Mini Project Ideas in Artificial Intelligence and Machine Learning under TRY Engineering	25-07-2023 13:15
38.	IEEE Computational Intelligence Society Chapter's Fun Learning Mini Project Ideas in Artificial Intelligence and Machine Learning under TRY Engineering	25-07-2023 12:43
39.	Skill Development Program On Developing Real Time Applications Using Iot And Machine Learning.	24-07-2023 09:30
40.	P.I.N.G Annual Magazine Release	19-07-2023 09:00
41.	Maitri Yojana - A Helping Hand (WIE DAY Celebrations)	18-07-2023 11:00
42.	WIE DAY celebration Pledge and poster competition	29-06-2023 09:00
43.	IEEE WIE Day Celebration	28-06-2023 09:00
44.	IEEE SPS Student Chapter Inauguration and PBL Competition	13-06-2023 10:01
45.	Conclave On 'Technology & Environment'	11-06-2023 18:00
46.	Environment Day Quiz	10-06-2023 17:00
47.	ENVIRONMENT WEEK CELEBRATION - PODCAST	04-06-2023 09:00
48.	ENVIRONMENT WEEK CELEBRATION - CLEANLINESS DRIVE	04-06-2023 07:00
49.	Green Frames: Capturing the environment through poster and Video	04-06-2023 00:00

Sr. No	Event Title	Event Date
50.	IEEE Pune Section Sensor Council ExCOM meeting on 26 May 2023	26-05-2023 17:00
51.	IEEE Pune Section Sensor Council Training May 2023	26-05-2023 15:00
52.	IEEE Pune Section's SAC Meeting	19-05-2023 18:30
53.	IEEE Pune Section Sensor Council ExCOM meeting on May 2023	18-05-2023 21:00
54.	Meet the Scientists on account of World Telecom Day	17-05-2023 14:00
55.	Workshop on Java and Android	15-05-2023 10:00
56.	Java and Android Boot camp, RSCOIE	15-05-2023 09:00
57.	Zero Shadow Day program	13-05-2023 10:30
58.	IEEE PES Day Celebration Activity "Technical survey in regards with sustainable generation of solar energy & the impact faced due to climate change.	08-05-2023 10:00
59.	AI Project Exhibition	29-04-2023 09:30
60.	Visible Light Communication: Beyond 5G	20-04-2023 15:15
61.	IEEE PES Day Celebration Activity "BLOG-WRITING COMPETITION "	17-04-2023 10:00
62.	IEEE PES Day Celebration Activity "Poster Making Competition "	17-04-2023 10:00
63.	Planning Meeting on Conference & workshop with Dr. Octavian Postolache DL IMS	14-04-2023 18:00
64.	Second Late Shri D.M. Tagare Memorial Lecture Vision for making India a Global hub for R&D and Manufacturing of advanced energy storage technologies	01-04-2023 10:30
65.	Tech Summit 2023	29-03-2023 10:00
66.	Industry Expert Hands-on session on Control System Design	28-03-2023 14:00
67.	Launch of "Being a Woman" Dialogue Series	27-03-2023 10:00
68.	Seminar on IEEE XPLORE	24-03-2023 11:30
69.	Murder Mystery	16-03-2023 09:00
70.	PRAXIS 2023	15-03-2023 09:00
71.	Shark Tank Event	15-03-2023 09:00
72.	Poster competition on occasion of National Science Day	14-03-2023 14:00
73.	Women's Day Celebrations at SIT	13-03-2023 14:00
74.	IEEE Pune Section Sensor Council ExCOM meeting on March 2023	12-03-2023 21:00
75.	International Women's Day	09-03-2023 10:05
76.	International Women's Day Celebration	08-03-2023 16:00
77.	Women's Day Celebration at RSCOIE along with SB RSCOIE	08-03-2023 09:00
78.	Women's Day Celebration at JSCOIE along with SB JSCOIE	08-03-2023 09:00
79.	Women's Day Celebration at MITADT AND Women Achievement Awards 2023	08-03-2023 09:00
80.	Launch of Women's Day Collage	08-03-2023 09:00
81.	A Hackathon At The Intersection Of Eye And Technology	04-03-2023 08:30
82.	5th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI-2023)	01-03-2023 09:30
83.	Officer's orientation Session	23-02-2023 20:30

Sr. No	Event Title	Event Date
84.	Workshop on "Research Paper Writing & Technical Report Writing with LaTeX"	10-02-2023 09:00
85.	IIT Expert Knowledge Series	07-02-2023 10:00
86.	Industrial Visit to Renishaw Pvt. Ltd.	07-02-2023 09:00
87.	Bio signals and Bio Instrumentation One Day Workshop	28-01-2023 10:00
88.	Skill Development Program On Core Java and Advanced Java	09-01-2023 09:30

PART C - OTHERS

C.1 Special Initiatives of IEEE Pune Section in year 2023

- Please briefly describe the importance of special events and the outcomes achieved:

1. **Being Women Dialogue Series:** IEEE Pune Section in association with WIE Affinity Group and PCCOE IEEE Student Branch hosted a 'Launch of Being Women Dialogue series'. Overall, the outcomes of a Women Dialogue Series organized by the IEEE Pune Section would ideally contribute to advancing gender diversity, equity, and inclusion in the engineering profession, empowering women to thrive and succeed in their careers, and driving positive change within the broader engineering community and society.



2. **IEEE Pune Section Student Congress:** IEEE Pune Section Annual Student Congress (IPSC'23) is the flagship event of the IEEE Pune Section and the IEEE Pune Section Students Activities Committee. Its primary objective was to establish a common platform for all student members of IEEE Pune Section to nurture a culture of togetherness, foster collaboration, mutual learning, and reinforce the section's foundations. This event act as a catalyst for nurturing innovation and developing leadership skills among enthusiastic students and also provide additional avenues for students to construct their identities and represent the section as volunteers on both national and global stages. The inaugural event of IPSC'23 mark the beginning of a series of activities, and kick off with a strong focus on delivering valuable technical content and education to students. This foundational event sets the tone for the entire IPSC'23 program, aiming to enrich the knowledge

and skills through engaging and informative sessions conducted by esteemed speakers Dr. Shamita Kumar Dr. Himani Saini.

3. Overall, the outcomes of an IEEE Pune Section Student Congress would ideally contribute to the personal, academic, and professional growth of student members, as well as to the advancement of the IEEE mission to foster technological innovation and excellence for the benefit of humanity.



3. Try Engineering Marathi Initiative: Following Try Engineering Programs in marathi Language were completed:

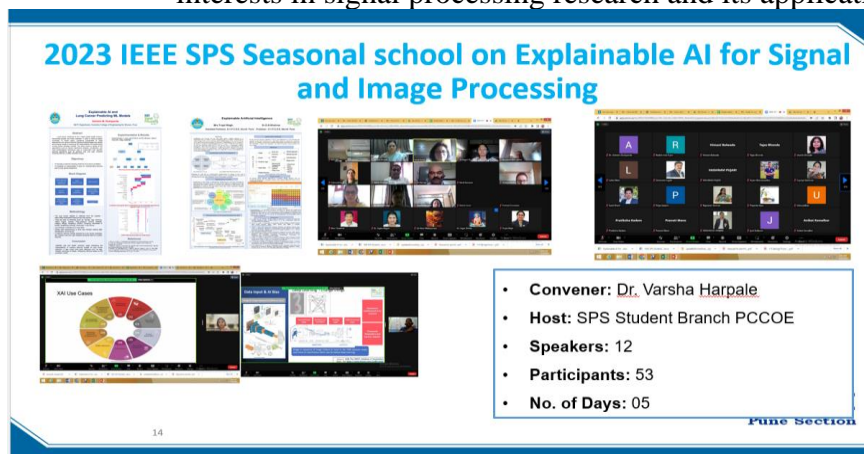
- a. ANDROID APP DEVELOPMENT” Conducted by Dr Sanika Patankar, VIT, Of IMS Chapter at “ VIDYA VIKAS SCHOOL, PUNE” ON 21 JULY 2023
- b. Fun Learning Mini Project Ideas in Artificial Intelligence and Machine Learning.” Conducted At MITADT By CIS Chapter Chair Dr. Jayashree Prasad On 25 July, 2023
- c. “BASICS OF AEROSPACE ENGINEERING” Was Conducted At MIT ADT By AESS Chapter Chair, Dr. Devabrata Sahoo On 25 July, 2023
- d. “SOLAR CELLS AND ITS APPLICATIONS WITH DEMO” Was Conducted By IMS Chapter Chair, Prof. Mandar Khurjekar At Vishwakarma Vidyalay, ON 3rd AUGUST, 2023.
- e. 5. Two More activities were Conducted by PCCOE at Local schools



4. **IEEE SPS Seasonal school on Explainable AI for Signal and Image Processing:** Explainable artificial intelligence (XAI) is a method to understand “Why and How” outcomes created by machine learning algorithms are useful and applicable. Explainable AI describes an AI model, its significance and impact. It helps characterize model accuracy, fairness, transparency and outcomes in AI-powered decision making. As most of the ML/DL algorithms are experimented for various application, there is importance of justification of its outcomes. Explainable AI will add value to the research carried out in this area.

a. Objectives:

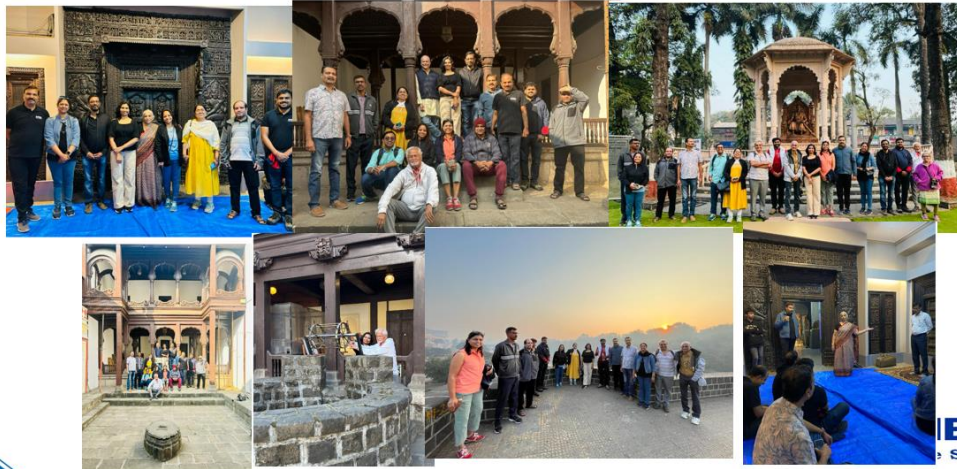
- i. The main objective of the Seasonal school is to introduce and explore the applicability of explainable AI in ML/ DL based experimentation.
- ii. To encourage the participant to use explainable AI along with ML/ DL algorithms in the areas like biomedical signal processing, Audio/speech signal processing, medical imaging etc.
- iii. To promote the IEEE membership among young researchers with interests in signal processing research and its applications.



5. **IEEE Pune Section Heritage Walk-2023:** IEEE Pune Section organized a heritage walk on 31st December 2023 to dedicate a day to understand a heritage and the history of Pune. Overall, the outcomes of an IEEE Pune Section Heritage Walk in 2023 would ideally contribute to the promotion of cultural heritage, education,

community engagement, and sustainable tourism in Pune, while also enhancing the IEEE Pune Section's reputation and impact within the local community.

IEEE Pune Section Heritage Walk-2023



6. **IEEE PuneCon-2023:** IEEE Pune section holds its flagship conference as IEEE Pune Con-2023. In 2023, PuneCon was held at COEP Technical University. Overall, the outcomes of IEEE Pune Conferences in 2023 would ideally contribute to advancing knowledge, fostering collaboration, inspiring innovation, and driving positive impact in engineering and technology domains, while also strengthening the IEEE Pune Section's role as a leading hub for technical excellence and community engagement.

IEEE PuneCon 2023

412 research papers received → 94 KEYNOTE SPEAKERS

1. Dr. Octavan A Postolache: Portugal Section
2. Mr. Nagaraj Kattani
3. Dr. Ujjwal Baid
4. Dr. Pratap Tokekar
5. Prof. Mukul Sutaone IIT-A
6. Dr. P.P. Bartakke- COEP Tech Uni.
7. Dr. Mehul Raval: Ahemadabad Uni.
8. Mr. Girish Wable from Jabil,
9. Mr. Paresk Kulkarni from Reliance

Attended by conference – 90
Pre-conference workshop: 200
Industry persons: 30
IEEE Members: 66

7. **IEEE Eureka 2023:** Eu-Reka is a flagship event of IEEE Education Society, Pune Section with the prime objective to “Elevate the Educational Reka”(line) at all levels of society. It is an initiative to ensure inclusive and equitable quality education and to promote lifelong learning opportunities. Eu-Reka empowers and encourages College students to promote education as Ambassador of Education. The Objectives of Eureka are:

- a. Exposure & Inclusiveness
- b. Reduce Drop-outs

- c. Operation Hub
- d. Knowledge Sharing

IEEE Pune Section Eu-Reka 2023

Major Takeaways of Eu-Reka

- ▶ Rural Outreach > Urban Outreach
- ▶ Girls > Boys both in Rural and Urban areas.
- ▶ Many college students have gone to more than 4 schools; some even 6. (Though they knew that no extra credit for going to more schools)
- ▶ Many college students have gone to all 4 Rural Schools.

- **Funding secured from the IEEE and external sources including sponsorships:**

Any other financial activities IEEE 2023 Budget Details (Non-Audited) – Income	
Details	Income (INR)
STEM Grant, IEEE PES Outstanding Chapter Award, R10 Upskill 2021 Fund - Pune Section, R10 Student-YP joint fund, R10 2023 Section Incentive	3,95,712
Geo-science and Remote Sensing Society Workshop conducted at Symbiosis Institute of Computer Studies and Research, Pune	4,14,100
Total	8,09,812

C.2 Relationship with National and International Societies and Non-Government Organizations (NGO)

- **Nature of relationship and details of any formal agreement signed** – Signed MoU with IEEE North Jersey Section, SPPU, Pune Smart City, MCCIA, PKC, PIC, etc.
- **Details of joint activities:** Humanitarian Activities, Pre – University Education, STEM to STEAM Initiatives, Faculty and Student Exchange Programs, Trainings (Technical & Non-Technical), Conferences, Seminar, Events & Activities etc, Initiatives by Special Interest Groups
- **Benefit to IEEE members:** Discounts, Mentorship, Internship, Access to technical information
- **Benefit to Section:** Membership development, Member engagement, Creation of Technical Pool, Venue facilities, Cost saving

C3. Collaboration with other IEEE Sections

- **Support extended to neighboring Sections:** IEEE Pune Section developed a healthy connect with other sections at India level and Global level. This year IEEE Pune

section registered collaborative activities with IEEE Kerla Section, Hyderabad Section and IEEE Bombay Section at India level. At Global level, R-10, North Jersey Section, and Portugal Section time-to-time.

- **Joint activities with any other Section:** Joint initiatives by the IEEE Pune Section and other Sections provide to a wider audience, better resources, a diversity of viewpoints, chances for information exchange and collaboration, a greater effect, recognition, and personal development for all parties. These results help to further the goals of IEEE and promote technology for the good of humanity.

○ **India-level Collaboration:**

Sr. No	Event Name	Date	Section
1.	IEEE PES-JT. CHAPTER HYDERABAD SECTION/ R10 PES INDIA CHAPTERS ANNUAL GLOBAL WORKSHOP 2023- 4TH EDITION "SMART TECHNOLOGIES IN POWER & ENERGY SYSTEMS "	24 th November 2023	Hyderabad Section/R-10
2.	Meeting for SIGHT Proposal submission by IEEE Pune Section and IEEE Keralal Section SIGHT groups	08 th June 2023	Kerle Section

○ **Global-Level Collaboration:**

Sr. No	Event Name	Date	Section
1.	Dr. Octavian Postolache visit to Pune Section	14 th December 2023	Portugal Section
2.	Interaction between IEEE NJ and IEEE Pune ExCom members	08 th December 2023	North Jersey Section
3.	IEEE PES-JT. CHAPTER HYDERABAD SECTION/ R10 PES INDIA CHAPTERS ANNUAL GLOBAL WORKSHOP 2023- 4TH EDITION "SMART TECHNOLOGIES IN POWER & ENERGY SYSTEMS "	24 th November 2023	Hyderabad Section/R-10
4.	Breakfast meeting with Dr Poddar and Mr Muralidharan	24 th November 2023	North Jersey Section
5.	IEEE R10 HTC Conference	15 th October 2023	R-10

Sr. No	Event Name	Date	Section
6.	Greening The Planet Ideathon	03 rd October 2023	North Jersey Section
7.	Workshop on Design Thinking	23 rd August 2023	North Jersey Section
8.	“Device Design, Fabrication, and Characterization on Synaptic Memristor for Artificial Intelligence Application”	13 th Feb 2023	Taiwan



C.4 Support extended to Sub-sections & Society Chapters within the Section

- **Support extended for organizing technical, educational and professional activities:** IEEE Pune Section Supports the activities of all the Organizing Units (OUs – Society Chapters, Council Chapters, Affinity Groups, and other committees throughout the year). As per the consent and resolution of IEEE Pune Section ExCom, every year per OU Fifty-thousand rupees provision is made at the Section level. Along side the Section supports and encourages OUs to get IEEE as well as other source funding for the various activities including conferences.

IEEE Pune Section – Overview 2023

Total 454 IEEE Pune Section activities have been reported in the vTools.

Sr. No.	Activities	Qty.
1	Professional	89
2	Technical	238
3	Non-Technical	80
4	Admin	40
5	Humanitarian	04
6	Pre-university	03
	Total	454

9

- **Joint activities for Membership Development:** IEEE Pune Section take special initiatives with the support of Student Activity Council. The various Student branches, OUs, and Industries were supported to organize membership development activities.



[IEEE I2IT Student Branch](#)



[Bharati Vidyaapeeth Student Branch](#)



[VIT Student Branch](#)




[MMCOE Student Branch](#)

Point of Discussions:

- IEEE Activities
- Carer Support & Progression
- Valued Networking
- Research and Innovation
- Project Support and Funding

C.5 Best Practices of your Section (which you would like to share with other Sections for the benefits of members).

Best Practices –Continued		
<p>Rigor in Functioning</p> <ul style="list-style-type: none"> Well attended Execom meetings Execom meeting held at different venues to strengthen collaborations Event, Monthly & Quarterly reports published with consistency, well maintained website 	<p>Collaboration</p> <ul style="list-style-type: none"> Partnered with IE, IETE, IET, Hope Foundation, and PMA for various activities and initiatives Participation in R10/India Council/Other section events MoUs with Educational Institutes and Industry to create sustainable ecosystem 	
<p>Focus on Identified Areas</p> <ul style="list-style-type: none"> Emerging and sustainable technologies for digital transformation Strengthening/revival of Student Branches Collaborations with Industry Legal Establishment procedures 	<p>Community Support</p> <ul style="list-style-type: none"> Establishment of ‘Abhyasika Laboratory’ at Bhagini Nivedita Pratishthan under ‘learn when you Play initiative by JCAM Societies Chapter. Various Activities at Kelkar Museum Visit to Vidyan Ashram Eureka -2023: to elevate Education Reka (Line) 	

C.6 Problems anticipated and suggestions for solutions, if any:

It is critical that we foresee and take proactive measures to handle the issues that lie ahead as we negotiate the ever-changing terrain of technological innovation. In the prestigious IEEE community, we understand the value of encouraging innovation and navigating any obstacles that may arise. We work together, with creativity and a dedication to quality, to clear the way for a more promising future for technology and society. In conclusion, we can overcome expected problems within IEEE and continue to advance technology for the benefit of humanity by embracing innovation, teamwork, and a proactive approach to problem-solving. Let's work together to cultivate a culture of excellence and perseverance in our community as we set out on this path to a more promising technological future.

PART D - GOALS AND PLANS

D.1 Continuation of project/activity in progress and their implementation plan

Date	Activity	Strategic Plan	Responsible/Accountable/Contributor
October	Plan IEEE Day celebration events	Retention & Engagement – 100% of existing members	IEEE day Coordinator
August- Sep-Oct	Plan Membership Drive - to coincide with IEEE headquarter promo offers Eureka-2024	Recruitment – At least 500 new members	Chair, MD committee
July	Plan new student Branch formation and Society Chapter formation	Recruitment, Retention, Engagement At least 2 new branches and 2 new societies	Chair, Pune section Chair, Student Activity Chair, MD committee Chair, Society Coordinator
December	Senior Member Elevation Event	Recruitment, Retention, Engagement	Chair, Pune section

Date	Activity	Strategic Plan	Responsible/Accountable/Contributor
		Elevating at least 10 members to Senior. Members	
February	SIG Health care & Agriculture activities & expansion	Retention, Engagement At least 2 new projects to be initiated	Chair SIGHT committee
Monthly	STEM to STEAM activities	Retention, Engagement	Chair, Education Society
January	WIE Symposium	Recruitment, Retention, Engagement Increase at least 20 WIE members	Chair, WIE
September-October	Student's congress	Recruitment, Retention, Engagement Increase participation by 10%	Section Student Representatives Chair, Student Activity committee
January - February	Student Council appointment	Recruitment, Retention, Engagement New membership by at least 25	Chair, Student Activity committee
November December	PuneCon	Engagement Increase participation by 10%	Chair, Pune Section Chair
Throughout the year	Distinguished Lecture Series – Chapter wise	Engagement Increase number of lectures by 10%	Related Society Chairs

D.2 Goals and Future Plans: Overarching objectives of IEEE sections, like the Pune chapter, could include:

- 1. Encouraging Technological Progress:** Facilitating and encouraging developments in diverse engineering and technological domains via workshops, seminars, conferences, and more educational gatherings.
- 2. Professional Development:** Professional development is the process of giving professionals and students the chance to improve their abilities, know-how, and networking connections through conferences, certifications, and training programs.
- 3. Community Engagement:** Getting involved in the neighborhood to advance STEM education, technology literacy, and understanding of how technology affects society.
- 4. Membership Growth and Retention:** Increasing the number of new members and keeping hold of current ones through the provision of resources, networking opportunities, and value-added services.
- 5. Partnerships and Collaborations:** Working together to advance technology transfer, research, and innovation with businesses, universities, governments, and other groups.

6. **Diversity and Inclusion:** Promoting equitable opportunities and representation for people of all genders, ethnicities, and backgrounds in order to ensure diversity and inclusivity within the IEEE community.

Prospective strategies could entail augmenting these objectives, adjusting to nascent technology and industrial patterns, and catering to the changing requirements of the regional engineering community. Launching new services or programs, planning larger-scale events, forming alliances with important stakeholders, and utilizing digital platforms to increase outreach and participation are a few examples of specific initiatives. It is recommended that you consult the IEEE Pune Section's official communications, website, or get in touch with the leadership personally for the most accurate and current information on their objectives and future plans.

D.3 Any innovative ideas to make IEEE more creative and value added for sustaining the membership retention and recruitment goals.

1. **Techpreneurship Incubator:** To assist members who are interested in entrepreneurship, the IEEE Pune Section should establish a techpreneurship incubator. Offer services including finance advice, mentorship, and chances to network with investors and business leaders. This programme encourages innovation within the IEEE community in addition to drawing in individuals with an entrepreneurial mindset. The IEEE Pune Section aims to maintain membership retention and recruitment goals by improving inventiveness and value-added offers.
2. **Hackathon Series:** Arrange a number of hackathons with the goal of utilizing technology to address regional or worldwide issues. Work together with neighborhood companies, start-ups, and academic establishments to form multidisciplinary teams and offer real-world problem statements. These gatherings have the potential to draw professionals, hobbyists, and students alike, increasing the IEEE Pune Section's appeal and visibility.
3. **Technical Workshops on Emerging Technologies:** Conduct frequent technical workshops and practical training sessions on cutting-edge technologies, including blockchain, artificial intelligence, the Internet of Things (IoT), and cybersecurity. Make sure these workshops are interactive, useful, and instructed by professionals in the field to give members worthwhile educational opportunities and draw in new attendees.
4. **Initiatives to Promote Industry-Academia Collaboration:** Establish stronger ties between industry and academia by planning collaborative efforts like workshops on technology transfer, industry-sponsored research projects, and internships. Urge IEEE members to get involved in these programs, as they enhance their professional development and fortify the IEEE Pune Section's connections to the regional industrial base.
5. **Student Project Showcase Events:** Plan frequent occasions for students to present their creative efforts and discoveries to the public. Give students the chance to showcase their work, get input from professionals and peers, and connect with possible employers or partners. This draws prospective engineers and researchers to the IEEE Pune Section in addition to involving student members.
6. **Professional Development Webinars:** Organize a sequence of webinars centered around issues related to professional development, including project management, career planning, soft skill refinement, and leadership. Ask seasoned professionals, career counsellors, and experts in the field to share

their knowledge and helpful advice with IEEE members. The perceived value of membership in the IEEE Pune Section can be raised by providing useful resources for professional progression.

7. **Community Impact Projects:** Launch technology-driven social impact projects, such as developing affordable healthcare options, putting in place sustainable energy systems, or encouraging digital literacy in marginalized areas. In order to promote a sense of civic responsibility and community togetherness, encourage IEEE members to donate their time and knowledge to these projects.
8. **Interactive Online Platform:** Create a mobile application or interactive online platform with forums, job boards, discussion boards, event calendars, and resource libraries that is only available to IEEE Pune Section members. Encourage members to collaborate and participate actively by providing them with networking opportunities, knowledge sharing, and online discussion forums.
9. **Promotion of Membership Referral Programme:** Promotion of IEEE Membership referral program shall be put in place. IEEE provides a monetary award up to US 5 \$ for referring a new member and these money gets accumulated in their account to consider while new purchase or next year membership renewal. IEEE Pune Section should promote this kind of membership referral program for the betterment and strengthen of the IEEE membership.
10. **Continuous Feedback System:** Provide a method for members of the IEEE Pune Section to provide comments and ideas about their requirements, preferences, and expectations. Actively consider member input when making decisions, organizing events, and allocating resources to make sure IEEE Pune Section is able to adapt to the changing demands of its membership.

Through the implementation of these novel concepts, the IEEE Pune Section will be able to further its aims of sustainable membership retention and recruitment by improving its inventiveness, value-added products, and member engagement.

D.4 Business Plan for Sustainable Growth and Financial Stability: Creating a business plan for the IEEE Pune Section aimed at sustainable growth and financial stability involves outlining strategies to increase revenue streams, control expenses, and effectively manage resources. Here's a structured outline for such a plan: The IEEE Pune section aimed at sustainable growth and financial stability involves outlining strategies to increase revenue streams, control expenses, and effectively manage resources. The IEEE Pune Section Plan may involve, funds raising strategies, revenue management, apt expenses management, membership growth and retention, professional and commercial collaborations, apt financial collaborations, and proactive risk management. Further, conduct periodic reviews and evaluations to assess the effectiveness of strategies and initiatives, making adjustments as needed to stay on track towards sustainable growth and financial stability.

The organization may improve its financial stability, increase its influence, and carry out its objective of promoting technology for the benefit of society by creating and executing a thorough business plan that is customized to the unique requirements and environment of the IEEE Pune Section.

Participation of IEEE Pune Section at IEEE Sections Congress at Ottawa, Canada, 11th-13th August 2023. The Chair Dr Surekha Deshmukh represented IEEE Pune Section at IEEE Sections Congress. The exciting gathering of Section leadership bringing together 1500 delegates from all ten Regions, 160 countries, 300 plus sections to network, learn and collectively shape the future of IEEE.

There were mainly three tracks such as “Empowering Volunteer Engagement”, “Enriching Member Experience”, “Achieving Future Sustainability”, along with inauguration, award ceremony and valedictory function.

At Ottawa, while attending section congress, visiting all the pavilions at IEEE Exhibition Centre was truly an overwhelming experience.

Got to explore the potential opportunities to participate into different programs under IEEE Smart Village, IEEE Future Directions, IEEE Collaboratech, IEEE Humanitarian Technology Board, Young Professional Activity, IEEE Standards Association and various society booths like IEEE Oceanic Emerging society, Reliability Society, IAS society etc

Dr Surekha volunteered to IEEE Climate Change Booth, and contributed towards participation of delegates across globe, interesting discussions, exchange of ideas, commitments towards collaborative engagements.

We at Pune Section felt utterly proud with an appreciative mention of work of IEEE Pune Section by Dr Saifur Rahman at inaugural function.



IEEE Pune Section extends heartfelt gratitude to all volunteers, members, partners, and stakeholders who have contributed to the success of the IEEE Pune Section in 2023. Your dedication, passion, and commitment are the driving force behind our collective achievements, and I look forward to our continued collaboration and success in the future.

IEEE Pune Section Promises its continuous efforts towards:

“Advancing Technology for Humanity”