

IEEE GUJARAT Section Report for the Year 2021

Members: 1558

Society Chapters: 10

Council Chapters: 2 (sensor, Nanotechnology)

Affinity Group: 3 (WIE, YP, Block Chain)

Student Branches: 29

PART A - SECTION SUMMARY

A.1 Executive Summary

Section Executive Committee Member List

Name	Office
Maniklal Das	Chair
Kiran Amin	Vice-Chair
Chirag N. Paunwala	Secretary
Ashish Phophalia	Treasurer
Sanjay Srivastava	Educational Activity Chair
Shiv Mohan	Chapter Coordination Chair
Foram Rajdev	WIE and YP Chair
Manisha Shah	WIE and YP Vice-Chair
Ankit Dave	Student Activity Chair
Satvik Khara	Student Activity Vice Chair
Harshul Yagnik	Technical Activity Chair
Maulin Joshi	Professional Activity Chair
Hardik Pathak	Membership Development Chair
Sumit Makwana	Web Master
Anjali Diwan	Member
Usha Mehta	Member
M A Mulla	Member
Deepak Mathur	Adviser
Anil Roy	Adviser
Y.P.Kosta	Adviser
R.B.Jadeja	Adviser
Deepak Ghodgaonkar	Adviser

Section Highlights

1. Following leadership positions held by our volunteers
 - a. Director, R10 for 2021 - Deepak Mathur
 - b. VP Technical Operations of Sensor Council ADCOM – Anil K Roy
 - c. Treasurer, R10 for 2021- R.B.Jadeja
2. Dr. Maniklal Das has been appointed as Associate Editor for IEEE Transactions on Dependable and Secure Computing.
3. IEEE SPS Chapter GS won “Chapter of the Year” third time in 2021.
4. Teamwork and Consistent hard work can break all the Barriers. We are proud and elated to announce that Silver Oak University IEEE SB of IEEE GUJARAT SECTION has received the award of "IEEE R10 SAC Outstanding Student Branch 2021" at Sparklers Summit 2021 on 14th August, 2021.

Major Events (International, National)

4th Edition of Emerging Research Trends in Engineering (ERTE -2021)

The three days event was focused on theme of Explainable AI

Dates : 1st to 3rd October 2021

ERTE is the flagship event of IEEE Gujarat Section. This year event is scheduled on October 1-3, 2021 in virtual mode with the theme of “Explainable AI (XAI)”. The event is aimed to encourage young researchers, PhD scholars, Master students, early career professionals and faculty members to learn the state-of-the-art of emerging and challenging research areas from eminent speakers around the globe. This may help participants to discover their career path and direct them to identify their own research topics and problem statements.

Following are distinguished speakers of the event:

1. Dr. Soma Dhavala, Principal Researcher, Wadhvani AI, Bangalore, India
2. Dr. Vijayan K. Asari, Professor, University of Dayton, Ohio, USA
3. Dr. Vineeth N Balasubramanian, Professor, IIT Hyderabad, India
4. Dr. Arash Shaban-Nejad, Director of Population Health Intelligence (PopHI) Lab, Center for Biomedical Informatics, Department of Pediatrics, College of Medicine, University of Tennessee Health Science Center, Memphis, TN, USA
5. Dr. Vijay Arya, Senior Researcher, IBM India Research Lab (IRL), Bangalore
6. Mr. Jay Shah, Research Scholar, Arizona State University
7. Dr. Mehul Raval, Professor, Ahmedabad University

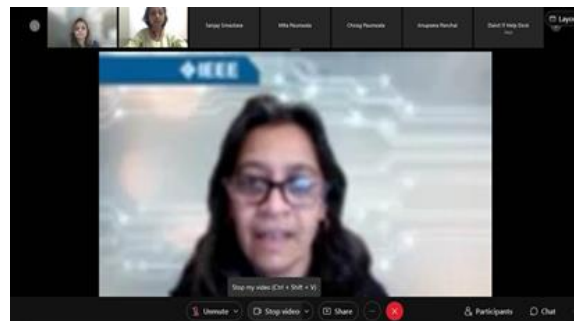
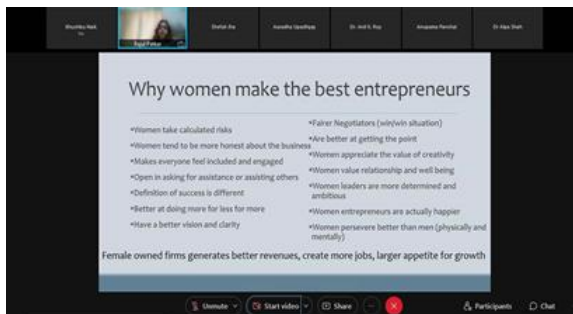
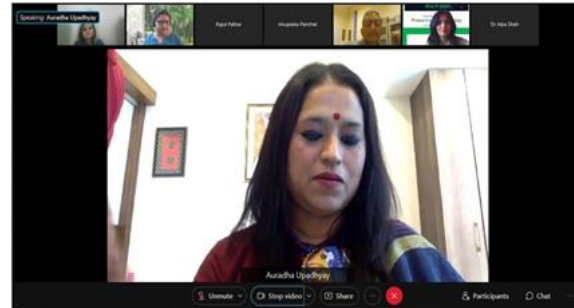
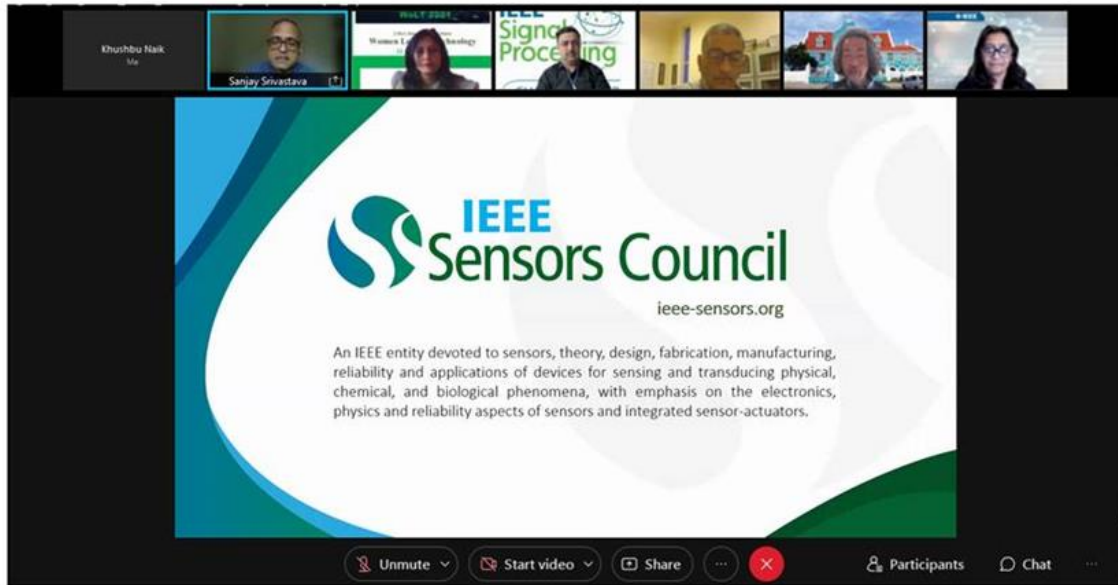
Women Leading Technology (WoLT)

The IEEE Gujarat Section Sensors Council's Women in Sensors (WiSe) group and the Signal Processing Society Chapter's Women in Signal Processing (WISP) group in collaboration with IEEE Gujarat Section organized an International Webinar (virtually) namely Women Leading Technology (WoLT 2021) during 13-14 December 2021.

The objective of the Webinar was to provide a global stage for Visionary Women Entrepreneurs, Researchers, and Academicians to understand and share their experiences. The Day-1 was completely devoted to success stories of women entrepreneurs. The Day-2 was scheduled with four technical talks of state-of-the-art development in the area of sensors and signals. Exciting Technical Quiz was also the heart of the event.

The event comprised of participants from various areas like

- Engineering Students
- Faculty from Engineering Colleges
- Young Professionals
- Aspirant Entrepreneurs
- Industry professionals and practitioners



SAMPARK 2021

Following the legacy, IEEE Gujarat Section SAC organized its flagship annual event SAMPARK in the year of 2021 in virtual mode on 23rd January 2021. SAMPARK is the event

designed for the student members and by student members of IEEE Gujarat Section. It provides a platform to bring all the Student Branches of IEEE Gujarat Section together to network.

25th International Symposium on VLSI Design and Test (VDAT-2021)

This edition is organized by VLSI Society of India (VSI) in association with SVNIT, Surat, and is being hosted over online platform during September 16-18, 2021.

1st International Conference on Artificial Intelligence & Machine Vision (AIMV'21)

AIMV'21 was the 1st International Conference on Artificial Intelligence and Machine Vision organized by PDEU, Gandhinagar, held during 24-26th September, 2021

4th edition of National Seminar on New Trends in Signal Processing (NeTSiP 2021)

The three day seminar provides a forum for learning from leading signal processing researchers who highlight these trends in speech, image, audio, and video processing, biometrics, media security, bioinformatics, and communications

Dates: 19th to 21st March 2021

Major Chapter Activities

Distinguished Lecture by Prof. Dong Xu

Title of the talk: Transfer learning for image and video recognition

No. of participants: 100

Distinguished Lecture by Prof. Karthik Nandakumar

Title of the talk: Security, Privacy and Trustworthiness in the AI World

No. of participants: 80

Distinguished Lecture by Prof. Ishwar Sethi

Title of the talk: How evolution is done from Machine Learning to Deep Learning

No. of participants: 75

Distinguished Lecture by Prof. Ved Ram Singh

Title of the talk: Advanced nano-sensors and smart systems for ubiquitous healthcare

No. of participants: 85

Distinguished Lecture by Prof. Dimitri Van De Ville

Title of the talk: Dynamics of large-scale fMRI networks: transient activity as the key to access rich network interactions

No. of participants: 71

e-Workshop on Artificial Intelligence (AI): Applications in Remote Sensing.

Date: 31st July 2021

Number (IEEE and Non-IEEE) participants: 25

Technical Webinar Machine Learning and its Applications

Date: 10th January 2021

Speaker: Prof. Priyank Thakkar, Nirma University

Distinguished Talk On Terahertz communications at 300 GHz: Device, Packages and System
By Dr. Ho-Jin Song
Date & Time: Wednesday 3rd March, 2021, 06:30pm-21:30pm
Number (IEEE and Non-IEEE) participants: 25

2021 International Women's Day Celebrations (by MTT chapter)
Talk by Dr. Neha Sharma & Dr. Jolly Dhar on Covid-19-Update and Present Scenerio &
Choose to Challenge: My Journey from Ground to Space
Date & Time: Saturday 13th March, 2021, 04:00pm-06:15pm

Distinguished Lecture by Prof. Ami Wiesel
Title of the talk: Three examples of 'easy' Non – Convex Optimizations
No. of participants: 110

Major Student and Affinity Group Activities

Women Week 2021

Conducted By: MEFGI SB

With the theme of Women in Technology MEFGI WIE had organized Women week 2021 and executed more than 20 technical events, the week started on 1st March and ended on 8th March. More than 800 girls participated for the events. All Participants were given certificate and Winners were offered medals

Webinar on cloud computing and cloud security

Conducted By: WIE AG DA-IICT

WIE Affinity Group, IEEE SB DA-IICT organized a webinar followed by a group discussion on Cloud Computing. This webinar helped the participants to understand Cloud Computing and its importance in this growing world of technology.

Advancing Women's: Choose to Challenge

Conducted By: WIE AG ADIT

The event was organized under WIE Affinity Group, IEEE ADIT SB. It was an online Expert Talk as a part of the International Women's Day celebration. There were two sessions: 1. Jaya Janardanan (Chief Operating Officer at Indostar capital finance limited) Topic: Women and Technology 2. Smriti Tomar (Founder & CEO, Stack Finance) Topic: Financial Empowerment for Women.

Choose To Challenge

Conducted By: WIE AG of IEEE GCET SB

Women's Day Event was a celebration of womanhood held on 8th March 2021. The event was organized by IEEE GCET WIE AG in collaboration with Women's Development Cell, G. H. Patel College of Engineering & Technology. The main aim of the event was to celebrate the significance of womanliness to achieve further conception of the spirit of choosing to challenge. The theme for this year's Women's Day was #ChooseToChallenge.

ColloQ 2021

Conducted By: WIE AG OF IEEE GCET SB

WIE Affinity Group, IEEE SIGHT, IAS - PES Joint Chapter of IEEE GCET Student Branch, had collectively organized ColloQ 2021 with an aim to provide a platform for the exchange of

ideas that become an act of faith in something beyond you and reveal its real worth. Total 569 people registered for the event and 400+ attendees in all the events.

Project Showcase Competition

Organized by IEEE Sarvajanik College of Engineering & Technology Student Branch on 17th April 2021 with around 60 participants in online mode.

iQuest 2021 - National level project competition

Organized by IEEE Vishwakarma Government Engineering College Student Branch on 16th-17th July 2021.

Solution to Differential Equations using MATLAB

Organized by IEEE Birla Vishvakarma Vv/Sardar Patel University Student Branch on 25th September 2021.

Working Model competition based on Internet of Things

Organized by IEEE Sarvajanik College of Engineering & Technology Student Branch on 1st October 2021.

A Voyage into the UI/UX world

Conducted By: WIE AG AU, WIE Gujarat Section

On the occasion of National Women's Day, the Women In Engineering (WIE) Affinity Group of IEEE Ahmedabad University Student Branch in collaboration with the Women In Engineering (WIE) Gujarat Section organized a webinar on "A Voyage into the UI/UX World" along with Ingenium team, the annual technical fest of Ahmedabad University.

Marathonology - A Step Towards Gender Integrity

Conducted By: WIE AG AU, WIE Gujarat Section

Women In Engineering (WIE) Affinity Group of IEEE Ahmedabad University Student Branch in collaboration with Women In Engineering (WIE) Gujarat Section organized an event "Marathonology – A Step Towards Gender Integrity" sponsored by Ultrapop on the occasion of International Women's Day held on March 8, 2021. The event witnessed registrations among various types like walking, running, and cycling in different categories such as 3km, 5km, and 7km.

Interestship 3.0 - Establish, Strengthen and Preserve STEM Culture

Conducted By: WIE AG AU, WIE Gujarat Section WIE AG MBIT

Women In Engineering (WIE) Affinity Group of IEEE Ahmedabad University Student Branch along with WIE IEEE MBIT SB, WIE IEEE Gujarat Section in collaboration with Clique community conducted a month-long project-based learning program for the women developers and students in the STEM community, sponsored by IEEE YESIST12 WePower Track and betaMG Pvt. Ltd. The domains covered were UI/UX, React JS, Android, Web, RL, Data Science, ML, etc with the following projects and their corresponding mentors.

Interactive Session on Mathematics and Computer Science

Conducted By: WIE AG AU, WIE Gujarat Section WIE AG MBIT

Women In Engineering (WIE) Affinity Group of IEEE Ahmedabad University Student Branch along with WIE IEEE MBIT SB, WIE IEEE Gujarat Section in collaboration with Clique community arranged a webinar on "Interactive Session on Mathematics and Computer Science"

open for all and aimed to discuss with us the importance of basics in the most admired fields of technology advancements.

Evaluating Immersive Tech (AR and 3D simulations)

Conducted By: IEEE SOU WIE AG

Silver Oak University SB has always endeavoured to encourage and help aspiring engineers and to cope with technologies that are changing the world. With the same motto, Silver Oak University IEEE WIE AG in collaboration with IEEE WIE Gujarat Section had organized a talk on Evaluating Immersive Tech (AR and 3D simulations)

Augmented Reality (AR) is a technology enriching the real world with digital information and media, such as 3D models and videos, overlaying in real-time the camera view of your smartphone, tablet, PC or connected glasses and Virtual reality (VR) implies a complete immersion experience that shuts out the physical world and users can be transported into a real-world and imagined environments.

Enhancing Your Digital Presence

Conducted By: IEEE SOU WIE AG

Silver Oak University IEEE WIE Affinity Group along with IEEE WIE Gujarat Section organized an event "Enhancing Your Digital Presence" to augment the students with a very fascinating sphere of digital marketing. This event was to understand the objectives and fundamentals of digital marketing which covered foundational disciplines such as content marketing, social media marketing, SEO, and email marketing.

Cyber Sahay

Conducted By: IEEE SOU WIE AG

Silver Oak University IEEE WIE Affinity Group organized an event "Cyber Sahay" which was to guide the students with the emerging issues and threats people are facing, what security and measures should be taken in the virtual world, and what laws and steps should be taken against Cybercrime and Cyber-attack. This event was exclusively for Silver Oak University IEEE Student Branch members.

Ascertain Tetrad Cohering Modern Tech and Trends

Conducted By: WIE AG OF IEEE GCET SB

WIE Affinity Group, IEEE SIGHT, of IEEE GCET Student Branch, have collectively organized Ascertain Tetrad with an aim to provide a platform Considering to gain knowledge of Technical as well as the latest trends currently going around. Total 400+ people registered for the event and there were 60+ attendees in all the events.

A.2 Financial Report

IEEE GUJARAT SECTION				
Financial Reporting 2021 (As per submitted to HQ)				
S.No.	INCOME (INR)		EXPENSES (INR)	
1	2.50 Conference Revenue	66308	4.10.010 Section Meetings	277491
2	2.70 Professional Development	1150	4.10.030 Chapter Meetings	92217
3	2.80 Student Activities	17232	4.10.040 Other Meetings	40000
4	3.32.050 Technical Activities	56268	4.60 Educational Activities	355643
5	3.34 IEEE HQ & Societies	4561764	4.60.020 Educational Activities	59800
6	3.45 Non-IEEE CB Account Interest	149809	4.70 Professional Activities	148407
7	3.70 Other	100574	4.80 Student Activities	109753
8			4.80.020 Student Branch Support	23370
9			4.90 Other Program Expenses	567559
10			4.90.010 Other Committee	47948
11			5.20 Travel Expenses	10959
12			5.60 Other Management & General Expenses	376343
13			6.20 Other	3050589
14			6.31 Student Branch Rebate	35000
	Total (Income)	4953105	Total (Expenses)	5195079

Difference (Income - Expenses): INR -241974

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

1. Senior Membership Elevation Drive is carried out. All eligible professional members are motivated to apply for Senior Membership. We sent an information email to around 32 eligible IEEE members, out of them 12 members have already applied for the Senior Membership Elevation and others are in pipeline. Requests to provide support to get three recommendation letters for the application of Senior Membership is also received by some of the eligible professional IEEE members. All the requests are answered by personal communication and email. The support to get three recommendation letters is extended to all requested members by IEEE Gujarat Section.
2. To promote the IEEE Membership, a poster is designed and kept on the Section website. The poster will also be sent to all the Student Branches of IEEE Gujarat Section.
3. In the meetings of Branch Counselor with Student activity chair, issues faced by the counselors to get more IEEE student/professional members were discussed with its possible solution.

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

Following are the major events to improve the membership.

1. Career Advancement by IE EE Membership Benefits for Students Faculty Event
The IEEE UVPCE SB was seeking for an expert on who can motivate and explain the students about the importance and role of IEEE membership in their life since long time. I agreed to step in when they approached me. On the mutually decided day, 2nd February, 2021 the event titled “ Career Advancement by IEEE Membership Benefits for students” was scheduled.
2. ORIENTATION PROGRAM by IEEE VGEC 2021
IEEE as a whole is a global community so it will provide you with global exposure improving your social, managerial, entrepreneurship skills, IEEE will keep you updated with the latest technological trends in the world. We want multi- talented, skilled engineers in today' s world and IEEE inculcates this very quality in young students, I further explained the benefits of IEEE membership such as Through IEEE you can access a huge network of skilled professionals, youwork with overseas professors and build up a strong international project with IEEE' s grant.
3. Importance of IEEE me mbership and its role in career development
Government Engineering College, Modasa, Electrical Engineering Department has organized a webinar as a celebration of Engineer’s Day on " Internet of Things" and the date of the webinar was 15/09/2021 and the duration of the webinar was from 03.00 P.M. to 5.00 P.M. There were 101 participants. The talk was started by giving an introduction about IEEE Membership.

B.2 Chapter Activities

- Total number of Chapters in the Section : **10**
- Number of active Chapters (Chapters who have reported required number of meetings during the year) **10**

B.3 Professional and Continuing Education Activities

Distinguished Lecture by Prof. Dong Xu

Title of the talk: Transfer learning for image and video recognition

No. of participants: 100

Distinguished Lecture by Prof. Karthik Nandakumar

Title of the talk: Security, Privacy and Trustworthiness in the AI World

No. of participants: 80

Distinguished Lecture by Prof. Ishwar Sethi

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No. of participants: 85

Distinguished Lecture by Prof. Dimitri Van De Ville

Title of the talk: Dynamics of large-scale fMRI networks: transient activity as the key to access rich network interactions
No. of participants: 71

25th International Symposium on VLSI Design and Test (VDAT-2021)

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1st International Conference on Artificial Intelligence & Machine Vision (AIMV'21)

AIMV'21 was the 1st International Conference on Artificial Intelligence and Machine Vision organized by PDEU, Gandhinagar, held during 24-26th September, 2021

B.4 Students Activities

- Total number of Student Branches in the Section: **29**
- Number of Student Branches formed in the current year: **None**

Section level student activities (student congress, paper and other contests, awards etc)

SAMPARK 2021

Following the legacy, IEEE Gujarat Section SAC organized its flagship annual event SAMPARK in the year of 2021 in virtual mode on 23rd January 2021. SAMPARK is the event designed for the student members and by student members of IEEE Gujarat Section. It provides a platform to bring all the Student Branches of IEEE Gujarat Section together to network, share learning experiences and best practices, and to do planning for the year. Below is the list of awards declared by the section during SAMPARK 2021:

Membership Development Award for showing exceptional growth in the membership in the year of 2020

Upcoming Student Branch Award for excellent performance in the membership year of 2020 under the category of young student branch (less than 3 years since petitioned)

IEEE Devang Patel Institute of Advance Technology and Research Student Branch (IEEE DEPSTAR SB)

Price money: INR 10000/-

Best Student Branch Award for excellent performance in the membership year of 2020
IEEE Silver Oak University Student Branch (IEEE SOU SB)

Price money: INR 10000/-

Special Mentions for consistently organizing high quality events every year

IEEE Dhirubhai Ambani Institute of Information and Communication Technology Student Branch (IEEE DA-IICT SB)

Price money: INR 5000/-

Number of active Student Branches (Student Branches who have reported required number of meetings during the year) :**15**

Summary of Student Branch activities:

In effort to support planned activities by the child OUs of the IEEE Gujarat Section SAC, financial collaboration is made available in the form of sponsor or co-sponsor of the events organized by the Student Branches at section level. Below is the list of activities that were financially supported by the Section SAC:

Project Showcase Competition

Organized by IEEE Sarvajanik College of Engineering & Technology Student Branch on 17th April 2021.
Funds approved by the Section: INR 3000/-

iQuest 2021 - National level project competition

Organized by IEEE Vishwakarma Government Engineering College Student Branch on 16th-17th July 2021.
Funds approved by the Section: INR 5000/-

Solution to Differential Equations using MATLAB

Organized by IEEE Birla Vishwakarma Vv/Sardar Patel University Student Branch on 25th September 2021.
Funds approved by the Section: INR 3000/-

Working Model competition based on Internet of Things

Organized by IEEE Sarvajanik College of Engineering & Technology Student Branch on 1st October 2021.
Fund approved by the Section: INR 4500/-

B.5 Affinity Group Activities

IEEE WIE Day Celebration

Conducted By: IEEE WIE Gujarat Section

WIE Gujarat Section, celebrated **Women In Engineering Day** with a great two day sequence of events. The theme for this year was particularly chosen to be Engineering Heroes and the events were focussed to promote **women in STEM** alongside providing a platform for female engineers to share their experience and knowledge. There were two major events that were a part of WIE Day Celebration: National Level Ideathon and Panel discussion with Engineering Heroes. The **National Level Ideathon** was specifically centered towards enabling the participants to ideate and come up with solutions to some real world problems. The **Panel Discussion with Engineering Heroes** followed by a Networking session. We had great panelists who after doing Engineering went on to pursue their dreams and have achieved great success overtime.

Colloquy over Coffee 1.0

Conducted By: IEEE WIE Gujarat Section

The event was organized by the WIE Day Celebration team to share their experience and learnings from the event with the whole IEEE WIE Gujarat Section team.

Colloquy over Coffee 2.0

Conducted By: IEEE WIE Gujarat Section

The event was organized by Darsh Bhatt, Pratvi Shah, and Janvi Garg to share their experience in Returning Mothers Conference 2021 with the IEEE WIE Gujarat Section team.

B.6 Awards & Recognition Activities

The list of awards declared by the section during SAMPARK 2021:

- **Membership Development Award** for showing exceptional growth in the membership in the year of 2020
- **Upcoming Student Branch Award** for excellent performance in the membership year of 2020 under the category of young student
- **Best Student Branch Award** for excellent performance in the membership year of 2020
- **Special Mentions** for consistently organizing high quality events every year
- Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year
 - Teamwork and Consistent hard work can break all the Barriers. We are proud and elated to announce that Silver Oak University IEEE SB of IEEE GUJARAT SECTION has received the award of "IEEE R10 SAC Outstanding Student Branch 2021" at Sparklers Summit 2021 on 14th August, 2021.
 - IEEE SPS Chapter GS won “Chapter of the Year” third time in 2021. The award amount will be 1000 USD.

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

The section homepage is: <http://ieeegujaratsection.org/>. Our website normally gets updated on weekly basis. But when there is some event there, it might get updated 2-3 times a day even. The site is developed on WordPress CMS platform. For the convenience of all SBs and chapters, and for the sake of data currency we are also introducing some unique features in this website, such as, i) Facility for Student Branches to update their event calendar using some login/password facility, ii) Auto updation of the upcoming events and their archival, iii) Same facility for chapters also to maintain their event calendar, iv) a password protected page to archive all our minutes of meetings, financial reports and other historical information.

Other means of contacts with section members

- a. e-notice
- b. We have created our own customized list of emails and that is used most frequently
- c. Very often we reach out to all engineering colleges, academic institutions for our national, state level events’ announcements. For this also, we have developed our own customized address database which we use on case-to-case basis.

B.8 Industry Relations

- IEEE Gujarat Section along with Computational Intelligence Society Chapter - IEEE Gujarat Section organized professional development talk with title “Challenge based learning, 21st century employability and the experiences of the Social Impact Lab”
Speaker: Dr Pathik Pathak - Associate Professor of Social Entrepreneurship and Director of the Social Impact Lab at the University of Southampton, UK
- IEEE Gujarat Section organized three days' under R10 HardTec/ SofTec summit 2021, an initiative by R10 Professional Activities Committee. Aims for R10 HardTec/ SofTec summit 2021 were as follows:
 1. To support the development of regular dissemination of IEEE's new and graduated Future
 2. Direction areas through Hard Tech/Smart Tech workshop series format
 3. To promote professional activities and encourage their members to get the benefit by getting the certification in different professional development.

4. Designed for practicing engineers and technical professionals who are innovators, have a desire to learn more, are in a career transition, or are considering a career change

B.9 Humanitarian Technology Activities

The section has an active SIGHT unit. We have been doing three projects for humanitarian challenges:

Sustainable Technology for Empowering People (STEP) – This is to bring clean and safe drinking water for the resource-crunched people in developing nations. However, the idea of treating water to make it drinkable or potable looks sodden, but any effort is a miniscule effort against the scale it is needed for the world community. Over 50% of world population remain mired in extreme poverty that results into poor healthcare facility, acute scarcity of clean drinkable water, no power, ravaging sanitation, no education and what not. The water-management industry is a \$400-billion-a-year industry. Water covers more than 70 percent of the Earth, but only 1 percent can be consumed without processing, filtering or melting polar ice caps. That supply appears to be dwindling as the global population grows and industry and agriculture require more and more water besides the contamination and pollution sources increasing exponentially over years.

B.10 Community Activities

- IEEE Social activities (Family day, IEEE day, Engineers Week)”
 - 2021 IEEE President, Susan Kathy Land was invited for the initiative 'Prof. S C Sahasrabudhe Memorial Lecture' on the IEEE Day in virtual mode.

PART C - OTHERS

C.1 Special Events

- 'Prof. S C Sahasrabudhe Memorial Lecture': 2021 IEEE President, Susan Kathy Land was invited for the initiative 'Prof. S C Sahasrabudhe Memorial Lecture' on the IEEE Day in virtual mode.
- Funding secured from the IEEE and external sources including sponsorships: No

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

- The section keeps in engaging industry through professional and technical activities.

C3. Collaboration with other IEEE Sections

- Support extended to neighboring Sections: The section continuously encourage support to other sections through volunteer participation in All India Students' congress and other activities organized by other sections.
- Joint activities with any other Section: No

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

- Support extended for organising technical, educational and professional activities: The section continuously encourage support to other sections through volunteer participation in All India Students' congress and other activities organized by other sections.
- Joint activities for membership development: With Chapters and Councils activities in the section.
- Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section: No

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

1. SAPMPARK, bringing all students branches under one-day full event, including both technical and non-technical activities.
2. Flagship events like ERTE and NaSCoVIP are the continuing as effective technical events at national levels.

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

Membership retention, in particular student membership.

PART D - GOALS AND PLANS

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

Various units (e.g. YP, chapter, council) of the section receive projects and funding support from the IEEE and implement them towards the objective as per the stipulated timeline in the project.

D.2 Goals and Future Plans

- Encourage active student branch to have chapter unit and having more activities.
- Make dormant branches active with section's support.
- More quality technical events and networking activities need to be organized.
- Periodical F2F sessions among volunteers on training besides CLE and other regular support.

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

More and more networking events, collaborative events.

D.4 Business Plan for Sustainable Growth and Financial Stability.

Reaching out to new members and engaging them in activities for sustainable growth and financial stability.

Kiran Amin
Chair, IEEE Gujarat Section