

Section Activities Report

IEEE Karachi Section 2021

IEEE Karachi Section Only aims to uplift Organization units, Entities, Chapters & Affinity Groups which are Under the Umbrella. Section Had Organized Numbers of Activities / Events / Conferences around the year 2021. To maintain its vibrant connectivity and motivations, Section Organized around 6 Excom meetings along with numbers of officers meeting for a purpose to discuss, regulate, execute, innovate the ideas and plans for the empowerment of IEEE Karachi Section.

Reviewing the best of The Activities throughout the year,
Activities are briefed and explained accordingly.

Section Activities:

Webinar on Data driving Businesses:

8th April 2021: A webinar titled “Data is driving businesses – Machine Learning /Artificial Intelligence approach” was organized by IEEE Karachi Section in collaboration with ISACA Karachi Section. The Welcome Speech was conducted by: Mr. Hussein Hassanali - President ISACA Karachi chapter and Prof. Dr. Bhawani Shankar Chawdhary - Chair, IEEE Karachi Section.

IEEE Karachi Section Computer Society Virtual Event:

18th June 2021: A webinar on Future Internet Architecture was organized by the IEEE Computer Society where the guest speaker was Prof. Rasheed Hussain, famed Assistant Professor and Director of Institute of Information Security and Cyber-Physical System, and head of Networks and Blockchain lab Innopolis University, Innopolis, Russia. The guest speakers included IEEE Karachi Section chair Prof Bhawani Shankar and EC Member IEEE SMC Malaysia Chapter Mohd. Helmy Abd Wehab.

ExCom Members Meeting:

25th September 2021: A meeting was held at DA Sunset Club Banquet to discuss future events and the general timeline of execution for said events. IEEE Karachi Section Chair, Prof. Dr. Bhawani Shankar was also congratulated on winning the PEC Elections for member governing body (2021-2024)

Student Branches under the umbrella of IEEE Karachi Section :

Women's day Celebration at IEEE SSUET Student Branch:

8th March 2021: Women's Day was celebrated at Sir Syed University (SSUET) by the IEEE SSUET WIE team to reinforce women empowerment objectives and showcase female talent.

IEEE MUET SB :

8th December 2021: A bootcamp for mastering the art of Graphic Design was conducted at Mehran University (MUET). Titled 'Digital Kalakar', this bootcamp was the initiative of IEEE WIE Karachi Section organized in collaboration with IEEE SB MUET and IEEE WIE MUET.

IEEE SIBAU SB :

7th December 2021: An awareness session on IEEE membership benefits was conducted by Chair IEEE Karachi Section Prof. Dr. Bhawani Shankar at IBA Sukkar University. This session was organized by IBA Sukkar IEEE student Branch

IEEE QUEST Larkana:

The opening ceremony of Quaid e Azam University (QUEST) IEEE Student Branch was held at the Larkana campus on December 29th, 2021. Amongst the guests invited were faculty members of QUES, IEEE branch counsellor IBA Sukkur, IEEE branch counsellor MUET, Prof. Dr. Bhawani Shankar (IEEE Karachi Section Chair) and SSR Mr. Rafay Shaikh.

Initiatives to Form IEEE Organization Units:

IEEE Karachi Section, has worked to form IEEE Student Branches in the year 2021!

In Which, Student Activities Committee – IEEE Karachi Section has played a vital Role to guide regarding the petition and formation norms to the universities also, Worked till the last Approval of formation received by IEEE Petitions. Following Student Branch has been formed during the year 2021

- IEEE Muhammad Ali jinnah University SB
- IEEE QUEST Larkana Campus SB
- IEEE ILMA University SB
- IEEE Ziauddin University SB

From the Initial Process of Petition, SAC & SSR Guided all the dots regarding the Formation of OU.

IEEE Sukkur IBA University Student Branch

IEEE Student Branch Sukkur IBA University

Organizing an Awareness Session on IEEE Membership Benefits

Speaker
Engr. Prof. Dr. Bhawani Shankar Chowdhry
Chair, IEEE Karachi Section
Distinguished National Professor & Advisor MUET Jamshoro

Note: Free Membership Coupons Will Be Given Based On Lucky Draw & Quiz Winner.

Date: Tuesday, 07-Dec-2021
For Registration:
<https://tinyurl.com/ProjectSIBAU>

Time: 10:45 AM PST
Contact:
ES.EE@iba-suk.edu.pk

Session will be held both online (zoom) and in person mode.

News **Engineering Review** 09 December 16-21, 2020

IEEE khi Receives US\$3000 Incentives Grant

It is a great honor that IEEE Region 10 (Asia Pacific) Operations Committee has announced an incentive grant of US\$3000 to IEEE Karachi Section for making great efforts to organize activities and support the local IEEE communities in 2020.

It is the best grants announced among the sections in IEEE Region 10 that submitted reports. We thank Region 10 for the recognition and grant.

IEEE Karachi Section officers have put a joint effort under the leadership of Prof. Dr. B.S. Chowdhry Chair IEEE Karachi Section to unlock this achievement in the best way this year! In this year, IEEE Karachi Section has faced the barrier of this Pandemic Situation but did not compromise to accomplish a milestone and use to spread knowledge for the betterment of humanity.

Joint efforts are gathered by office Incentive Chair, IEEE Karachi Section, Prof. Dr. Bhawani Shankar Chowdhry, Vice Chair Prof. Dr. Tariq Raza Soomro, Gen-Secretary Prof. Dr. Aamir Ullah, Treasurer Engr. Mair Bilal Memon and also, Executive committee members - Dr. Fahim Larkana, Dr. Tariq Siddique, Dr. Basim Noman, Dr. Ijaz Frank Siddiqui, Dr. Bhawani Das, Dr. Huzefa Abbas Memon, Dr. Raza, Dr. M. Shabbah Siddiqui, Dr. Saad A. Khan and all the Executive members to and including Student Activities Committee Engr. Amir Farooq.

Incidents to empower the individuals and work for the betterment of humanity together. In addition, IEEE Karachi Section, Eastern Forward of U.Votes - From IEEE Region 10, Education Activities Committee engaging one another and motivating the younger generations to realize the importance of enhancing local languages in the best possible way was the current practice adopted by IEEE.OU's in Region 10.

Prof. Dr. Bhawani Shankar served as the speaker for the occasion he resides in. His main aim was to endorse the importance of technology in rural areas like Sindh, Pakistan. He addressed his talk on "Hard work is the Secret name of Intelligence". Featuring inclusive content in Sindh for engineering students. His focus was on working hard and making the most out of his time. He also conveyed how important it was to remain consistent to pursue your hard work and intelligence.

His talks were uploaded in English, Urdu, and Sindhi on the official channel of IEEE Karachi Section on YouTube and this report was likewise submitted to IEEE R10 Educational Activities Committee.

Society-Affinity Group Technical Chapters have organized such technical and community building Workshops and webinars to empower IEEE member and motivate student & professionals to join this technical-empowered Network so that we can create a successful strong bond between the industry and

Student Activities Committee Activities/Events:

IEEE Awareness Session:

19th April 2021: An awareness session was arranged by Section Student Representative – Mr. M.Rafay Shaikh at Habib University to introduce opportunities and benefits that can be availed with an IEEE membership.

Awareness Session has been conducted at

- IEEE Dawood University SB
- IEEE NEDUET SB
- IEEE SIBAU
- IEEE PAF-KIET SB
- IEEE MUET KHP
- IEEE QUEST LRK
- IEEE ZUFESTM SB

SAC Personnel's Meeting:

On 2nd October 2021, the new SAC team members had an in-person meeting at Hamdard University to introduce themselves and discuss their roles and responsibilities. Initiatives for the upcoming year 2022, in light of everyone's personal experiences were also discussed. This meeting was led by SSR Rafay Shaikh and Project Coordinator Abdul Rehman Jabri.

SAC Team Meeting:

4th December 2021: SAC team meeting was called on by Karachi Section SAC Chair Engr. Atif Fareed at Usman Institute of Technology. The purpose of this meeting was to discuss important queries and formulate a tentative plan for their future milestones.

Further Online Meetings Were Conducted within the team members every weekly.

IEEE Day 2021:

15th October 2021: The Student Activities Committee organized IEEE Day at Ziauddin University (ZUFESTM) where they also celebrated the initiation of ZUFESTM IEEE Student Branch.

SAC Grand Chairs' Meetup:

4th December 2021: In collaboration with NEDUET's ENVISION'21 event, the SAC team took the opportunity to arrange a Grand Meetup for the excom members of IEEE Karachi Section's Student branches, Chapters and Affinity groups.

Total Student Branches :

- | | | |
|----------------------|--------------------|--------------------|
| 1. Bahria University | 4. IBA Sukkur | 7. Isra University |
| 2. BUIITEMS | 5. IIEE | 8. JUW |
| 3. HIET | 6. Iqra University | 9. MUET |

10. NUCES
11. NEDUET
12. PAF KIET
13. PNEC
14. SZABIST
15. UIT
16. University of
Karachi

17. MUET Khairpur
18. Indus University
19. DHA SUFFA
20. Nazeer Hussain
University
21. Sir Syed University
22. Habib University
23. DUET

24. SZABIST Hyderabad
25. IBA Karachi
26. IoBM Karachi
27. Ziauddin University
FEST
28. MAJU
29. ILMA University



Yearly Membership Growth :

- Life Member = 1
- Senior Members = 51
- Member = 167
- GSM = 58
- Students = 125
- Associate = 1
- Affiliate = 2

- IEEE YP = 153
- IEEE WIE = 106
- IEEE Industrial Electronics Society Membership - 81
- IEEE Communication Society Membership - 59
- IEEE Computer Society Membership - 33
- IEEE Power and Energy Society Membership - 31
- IEEE Instrumentation and Measurement Society Membership - 26
- IEEE Consultant Network - 22
- IEEE Photonics Society Membership - 18
- IEEE Robotics and Automation Society Membership - 15
- IEEE Education Society Membership - 13
- IEEE Control Systems Society Membership – 10

Total Section Members = 405 as of 25th September 2021

Yearend dedication:

The spectacular year 2021 for IEEE Karachi Section was concluded at the Annual General Meeting (AGM), held at The Sunset Club Banquet on December 12th 2021. Karachi Section Officers were present and this was chaired by Prof. Bhawani Shankar. Mr. Hassan Syed and Prof. Tahir Mehmood Chaudhry were invited as Guests of Honor.

Award Distribution ceremony was also held in the AGM to recognize yearly dedications.