

# IEEE Islamabad Section

## PART A - SECTION SUMMARY

### A.1 Executive Summary

- Section Executive Committee Member List

Position	Full Name
Awards & Recognition Committee Chair	Gulistan Raja
Chair	Muhammad Uzair KHAN
Conference Chair	Najam-ul-Islam Muhammad
Coordinator	Sajjad A Madani
Educational Activities	NOSHERWAN SHOAIB
Electronic Communications Coordinator	Waqar Shahid Qureshi
Industry Relations Coordinator	Muhammad Moeiz Chaudhary
Membership Development	Muhammad Haroon Yousaf
Nominations and Appointments Chair	Mansoor Malik
Past Chair	Amir Qayyum
Secretary	Muhammad Ahsan Farooqui
Student Activities	Muzamil Mahmood
Student Representative	Moiz Ahmad
Treasurer	Muhammad Arshad Islam
Vice Chair	Sajjad A Madani
YP Representative	Danial Zafar

- Section Highlights
  - Statistics
    - 7 society chapters (4 joint chapters) in section
    - 490 Student Members
    - 244 Members
    - 132 Graduate Student Members
    - 109 Senior Members
    - 3 Life Senior Members
    - 31 Student branches
    - 19 student branch society chapters
    - 17 student WIE Affinity groups
- Major Events (International, National)
  - **12 conferences were arranged**  
IEEE Islamabad Section technically sponsored 12 conferences in the year 2021
    1. International Conference on Cyber Warfare and Security (ICCWS)
    2. Seventh International Conference on Aerospace Science and Engineering (ICASE)
    3. 1st International Conference on Microwave, Antennas & Circuits (ICMAC)
    4. International Conference on Artificial Intelligence (ICAI)
    5. International Conference on Frontiers of Information Technology (FIT)
    6. 16th International Conference on Emerging Technologies (ICET)
    7. International Conference on Applied and Engineering Mathematics (ICAEM)
    8. International Bhurban Conference on Applied Sciences and Technologies (IBCAST)
    9. International Conference on Digital Futures and Transformative Technologies (ICoDT2)
    10. International Conference on Communication Technologies (ComTech)
    11. International Conference on Robotics and Automation in Industry (ICRAI)
    12. International Conference on Emerging Power Technologies (ICEPT)

IEEE Panel of Conference Organizers (POCO) Workshop

- Funded by IEEE R10
- 20 participants attended the event
- 6 speakers briefed about different aspects of organizing a conference
  
- Major Chapter Activities
  - Computational Intelligence Society won grants of \$6900 for summer school and other initiatives
  - IEEE AP/MTTS/AP/EMC/CAS won grants over PKR 4M to arrange conferences, webinars and other activities
  - Detailed activities are mentioned in fields below
- Major Student and Affinity Group Activities
  - Islamabad Section Leadership Summit
  - Islamabad Section congress
  - Detailed activities are mentioned in fields below
  
- Awards

Type of Event	Number of Events
Excom Meetings	4
SAC Team Meet	4
Society Chapter Excom Meetings	4
Section AGM	1

Event Title	Event Date	Number of Attendance	Description
Annual General meeting	21-01-22	75	AGM was held in Islamabad Section in January. It was delayed due to pandemic situation.
IEEE Islamabad ExCom : Islamabad Section	16-12-21	25	IEEE Islamabad Section Executive Committee meeting was held on 16 <sup>th</sup> December 2021. Dr. Uzair, Chair IEEE Islamabad Section presided over the meeting
IEEE Islamabad ExCom : Islamabad Section	07-10-21	19	IEEE third Islamabad Section Executive Committee meeting was held on 07 October, 2021. Dr. Uzair, Chair IEEE Islamabad Section presided over the meeting.
IEEE Islamabad Section Excom Meeting 2021 : Islamabad Section	28-05-21	18	A meeting was arranged for the members to get to know each other and to go over the roles for each person.

Islamabad Student Young Professional Women in Engineering SIGHT Section Congress 21	11-12/12/2021	250	Islamabad Student Young Professional Women in Engineering SIGHT Section Congress 21 was held in PIEAS SB.
IEEE Islamabad Section Leadership Summit 2021	27/08/2021	120	IEEE Islamabad Section SAC organized the leadership summit 2021 in NUST Student Branch.
Webinar on Membership Development by SAC	28/07/2021	150	An online session about membership development was given by Membership Development committee IEEE Islamabad Section
Ice Breaking Session and Meeting of Student Activities Committee 2021 : Islamabad Section	03-05-21	13	Ice breaking session and meeting was held to make the whole SAC team aware about their duties and responsibilities.
IEEE Islamabad Section Executive Committee Meeting : Islamabad Section	28-05-21	40	IEEE Islamabad Section Executive Committee meeting was held on 28th of May 2021 at MEDC, FAST NU Islamabad. Dr. Uzair Khan, Chair IEEE Islamabad Section presided over the meeting
SAC Team Virtual Meetup :Islamabad Section	11-07-21	15	Different Tasks were assigned to the SAC Team. Tasks to be done by SSR/ASSRs: Send Emails to the advisors and chairs of those students branches.
IEEE AP03/MTT17/EMC27/CAS04 ADMINISTRATIVE COMMITTEE (ADCOM) MEETING - November 2020 : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04	10-11-20	10	The IEEE AP03/MTT17/EMC27/CAS04 Administrative Committee (AdCom) Meeting was held online on 10th November 2020. This meeting was chaired b
IEEE Islamabad Section CIS Executive Committee Meeting : Islamabad Section Chapter,CIS11	11-12-20	4	Sr. NoItem1Introduction to IEEE2Introduction to IEEE CIS3Team Formulation4Flow of Activities5Progress of IEEE CIS6Domains of IEEE CIS7Memb

IEEE AP03/MTT17/EMC27/CAS04 ADMINISTRATIVE COMMITTEE (ADCOM) MEETING – Feb 2021 : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04	09-02-21	20	The IEEE AP03/MTT17/EMC27/CAS04 Administrative Committee (AdCom) Meeting was held online on 9th Feb 2021. This meeting was chaired by Dr.
IEEE AP03/MTT17/EMC27/CAS04 ADMINISTRATIVE COMMITTEE (ADCOM) MEETING – Aug 2021 : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04	12-08-21	22	The IEEE AP03/MTT17/EMC27/CAS04 Administrative Committee (AdCom) Meeting was held online on 12th Aug 2021. This meeting was chaired by Dr.

## A.2 Financial Report – (Please follow the format given below)

Task Number   Task Name	Sum
4.85.000   000 Grants & Awards	1255250
4.70.000   000 Professional Activities	107250
4.80.040   040 Student Awards	87850
6.20.000   000 Other	340211
5.30.000   000 Salaries	112000
3.70.000   000 Other	1650962
6.31.000   000 Student Branch Rebate Disbursement	156400
2.50.000   000 Conference Revenue	698000
Total (In Pakistan Rupees)	4407923

## PART B - ORGANIZATIONAL ACTIVITIES

### B.1 Membership Development Activities

- Total number of active members in the past 3 years.
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members

Student Member	490
Graduate Student Member	132
Member	244
Senior Member	109
Associate Member	3
Life Senior	3
Affiliate	1
Life Member	1

#### 1. MD Activities in 2021:

- Membership Development Webinars
- 28th Jul, 2021 - 85 Participants
- 5th Nov, 2021 - 83 Participants

- Membership Development at SAC Leadership Summit
- 27th Aug, 2021 - 110 Participants

## 2. SWOT Analysis:

- Outstanding Section Membership Recruitment and Retention Award
- Low IEEE membership count at R10 Level
- Low trend of promotion to Senior Member
- Engage different technical societies on-board under IEEE umbrella.
- Limited on-site activity conduction due to COVID-19 pandemic

## 3. MD Activities Plan for 2022:

- Membership Recruitment Drive (on-site + Online)
- Promotion of Professional Members to Senior Members (Online)
- Student Transition Elevation Program (STEP) (On-site + Online)

## B.2 Chapter Activities

- Total number of Chapters in the Section

OU Type	Counts
Chapters	3
Joint Chapters	4

- Number of Chapters formed in the current year

OU Name	OU Type
Islamabad Section Computational Intelligence Society	Society Chapter
Ghulam Ishaq Khan Inst of Eng Power & Energy Society	Student Branch Technical Chapter
Riphah University FC CIS	Student Branch Technical Chapter

- Number of active Chapters (Chapters who have reported required number of meetings during the year)
- Summary of Chapter activities (Chapter wise with attachment table/information)
- The summary on the activities held by chapters/joint chapters is given as follows:

Organizational Unit	Event Title	Number of Attendance	Description
Islamabad Sect Jt. Chapter, AP03/MTT17/EM C 27/CAS04	Webinar on "Organic Antenna-in-Package Designs for Millimeter Wave Applications"	40	The IEEE MTT/AP/EMC/CAS Joint Chapter Islamabad at Research Institute for Microwave and Millimeter-Wave Studies (RIMMS), NUST H-12 Campus
Islamabad Sect Jt. Chapter, AP03/MTT17/EM C 27/CAS04	Webinar on "Design and Simulation of Aperture Arrays for Radio Astronomy"	34	Speaker Name: Professor David Davidson, Director Curtin Institute of Radio Astronomy (CIRA), Engineering, Curtin University, Perth, Australia

Islamabad Section Chapter,CIS11	A Way to IEEE CIS	121	The event was executed to let the students and Professionals know about the technical aspects of IEEE CIS in industry.
Islamabad Lahore Karachi Jt. Section Chapter,RA24	Artificial Intelligence & Robotics (AIR) Day - II (December)	20	IEEE RAS organised the online session with Dr. Andrew Ware, Dr. Roberts Bishop, Dr. Wajaht Qazi and Dr. Atif Mehdi on Friday, December 18,
Islamabad Sect Jt. Chapter,AP03/MTT17/EMC 27/CAS04	Webinar on Recent Developments in Computational Electromagnetics	45	Title: Recent Developments in Computational Electromagnetics using The Finite Difference Time Domain MethodSpeaker: Atef Z. ElsherbeniDist
Islamabad Sect Jt. Chapter,AP03/MTT17/EMC 27/CAS04	Webinar on "Radar Old but Gold	43	Speaker Name: Dr Francesco Fioranelli, Department of Microelectronics, TU Delft, The Netherlands. Affiliate @James Watt School of Engineer
Islamabad Section	Workshop on Model Predictive Control	27	Workshop.
Islamabad Section Chapter, C16	Webinar on Java Script	20	Webinar held on Java Script for the students of FAST-NU islamabad.
Islamabad Section Chapter, GRS29	Introduction to Python	30	It will be a workshop for introducing programming skills to students of undergraduate level.
Islamabad Section Chapter, C16	Webinar on Mean/Full Stack Development	19	Webinar held on Mean/Full Stack Development for the students of FAST-NU islamabad.
Islamabad Section Chapter,CIS11	Career Paths	32	n this session, the speaker will give you knowledge of UI/UX Design & Research, and Its Career in Pakistan and in other countries. The ses
Islamabad Section Chapter, C16	Webinar on React.Js	18	Webinar held on React.Js for the students of FAST-NU islamabad.

Islamabad Sect Jt. Chapter,AP03/MTT17/EMC 27/CAS04	Webinar on "The Evolution of Antenna Technology	300	Speaker Name:Prof Constantine A. Balanis, Regents Professor Emeritus of Electrical Engineering, School of Electrical, Computer and Energy
Islamabad Lahore Karachi Jt. Sections Chapter CS23	The Art of Parallel Programming and Parallel Processing	15	Control Systems Seminar.
Islamabad Section	IEEE POCO	25	IEEE Panel of Conference organizers was arranged for the conference organizers in Islamabad Section

### 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

OU type	Technical Activities Count
Chapter/Joint Chapter	26
Student Branch Chapter	37
Student Branch	56
WIE	43
Section	3

#### Budget:

- Section approved a sum of PKR 50,000 (USD 300) for newly made IEEE computational intelligence society chapter as the seed amount. The chapter also received fundings for summer schools

#### Technical Activities Count by OU

Organizational Unit	Count of Events	Sum of Attendees in total
Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04	14	760
Islamabad Section Chapter,CIS11	8	283
Islamabad Lahore Karachi Jt. Section Chapter,RA24	1	50
Islamabad Section	11	271
Islamabad Section Chapter, C16	11	150

Islamabad Section Chapter, GRS29	2	20
Islamabad Lahore Karachi Jt. Sections Chapter CS23	1	15

## B.4 Students Activities

- Total number of Student Branches in the Section

OU Type	Counts
Affinity Groups	24
Chapters	3
Joint Chapters	4
Student Branches	36
Student Branch Chapters	24
Sub-section	1

- Number of Student Branches formed in the current year

OU Name OU Type	OU Type
Islamabad Section Computational Intelligence Society	Society Chapter
Riphah University FC	Student Branch
Shaheed Zulifqar Ali Bhuto Inst of S&T – Islamabad	Student Branch
Ghulam Ishaq Khan Inst of Eng Power & Energy Society	Student Branch Technical Chapter
Riphah University FC CIS	Student Branch Technical Chapter
Riphah University FC WiE	Student Branch Affinity Group

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

### **Execution of IEEE Islamabad Section SAC Leadership Summit 2021**

- 17 Student Branches
- 120 Participants
- 1 Tech Session, 3 Non-Tech Sessions, VoLT Session, Branch Chairs Meeting, Membership Development Session
- ▶ **Acceptance of 2 Educational Activities Proposals**
  - Events had executed on 18 September and 25 September 2021
- ▶ **Webinars on Membership Development**
- ▶ **Submission of Nomination for CLAP**
  - 2 students from Islamabad
  - 1 student from Peshawar
- ▶ **Branch Chairs Meeting**
- ▶ **ISYWSC 2021**
- Number of active Student Branches (Student Branches who have reported required number of meetings during the year)
  - ▶ 27 Student branches
- Summary of Student Branch activities (Student Branch wise with attachment table/information)

## B.5 Affinity Group Activities



- Young Professional (YP)

<b>Event Category</b>	<b>Event Title</b>	<b>Event Date</b>	<b>Description</b>
Professional	Learn from Those Who Know 7 December 2020 : Islamabad Section Affinity Group, YP	07-12-20	It was an event that was called to spread awareness about freelancing. A brief introduction was delivered and explain how some start his career as a freelancer.
Professional	Student Transitions Elevation Program 2020, 8 December 2020 : Islamabad Section Affinity Group, YP	08-12-20	It was a freelancing workshop. In this session hand on experience of making a freelancing account and bidding was provided.
Nontechnical	IEEE Networking Meetup 2021 : Islamabad Section Affinity Group, YP	18-06-21	IEEE Young Professionals Islamabad Section has organized a two-day networking event for IEEE Young Professionals Members and undergraduate students. This is an opportunity to link graduating students with IEEE Young Professionals working in industry and academia. This will not create a bridge between industry and academia but also create a networking opportunity for IEEE members that will help IEEE Young professional Islamabad Section to promote its membership while providing a healthy networking opportunity to its members.

- Women In Engineering (WIE)

<b>Organizational Unit</b>	<b>Count of Events</b>	<b>Sum of Attendees in total</b>	<b>Most Latest Activity</b>
COMSATS University Islamabad, WIE	3	185	22-06-21
NUST School of Electrical Eng and CS WIE	1	170	02-06-21
Taxila Univ Of Engineering And Tech, WIE	29	3199	28-09-21
Taxila Univ of Engineering and Tech	1	70	31-12-20
NUST School of Electrical Eng and Computer	2	338	02-06-21

Science			
Fatima Jinnah Women University, WIE	18	1535	06-10-21
Riphah University FC, WIE	9	265	10-10-21
HITEC University	1	36	18-07-21
HITEC University, WIE	11	1540	18-07-21

## B.6 Awards & Recognition Activities

- Award constituted by the Section

<ul style="list-style-type: none"> <li>• <b>Best Student Branch:</b> IEEE Comsats Student Branch <ul style="list-style-type: none"> <li>○ Special Mention: IEEE GIKI Student Branch</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• <b>Best Student Volunteer:</b> Bakhtawar Nawaal</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Best Student Technical Chapter:</b> IEEE PES SC UET Taxila <ul style="list-style-type: none"> <li>○ Special Mention: IEEE CUST Computer Society</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• <b>Best WIE Affinity Group:</b> IEEE WIE AG UET Taxila <ul style="list-style-type: none"> <li>○ Special Mention: IEEE Riphah WIE AG</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• <b>Best WIE Affinity Group Volunteer:</b> Suman Zahoor</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Best Technical Chapter Award:</b> MTT-AP-EMC-CAS Joint Chapter</li> </ul>

### Education Activities:

<b>IEEE R10 EA New Innovation Challenge Under Educational Activity: “Fostering Youth with STEM”</b>
-Educate students at school “The Fortune Lyceum Pakistan” -25 September 2021 -52x Participants -Grant Won: \$400
<b>► IEEE R-10 Try-Engineering And STEM Under Educational Activities: “Road To Success”</b>
-Trained Teachers at school “The Fortune Lyceum Pakistan” -18 September 2021 -40x Participants -Grant Won \$350
<b>► ISYWSC 2021: “STEM BOWL”</b>
-Educate students at school “The Fortune Lyceum Pakistan” -December 2021 -280x Participants -18x Universities

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

<b>Key Achievements:</b>
--------------------------

- ▶ Outstanding Membership Recruitment and Retention performance
- ▶ Won R10 Educational Grants
- ▶ Won R10 SAC Membership Development grants
- ▶ Won R10 POCO Grant to hold a Panel of Conference Organizers Workshop
- ▶ Won Grants for CIS Summer School
- ▶ Won Grants & Funds for IEEE MTT/AP/EMC/CAS joint chapter
- ▶ Islamabad Section received section incentive grant from R10
- ▶ Engr. Muzamil Mahmood - selected as Chair Supporting Committee in R10 SAC
- ▶ Mr. Ahsan Farooqui - elected as IEEE Day 2021/2022 chairperson

#### **Grants won:**

- ▶ R10 IEEE EA Grants
- ▶ R10 Industry Academia Linkage Dialogue forum
- ▶ IEEE SPAX event
- ▶ IEEE Membership Development and Leadership Training Fund 2021

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

- Newsletter (name and number of issues in the year)
  - ▶ **Activities : IEEE Newsletter Published (Bi Annual)**
  - July – December 2021 ( In Progress)
  - January – June 2021
  - July – December 2020
  - January – June 2020



- Home page of Section: [www.ieeeislamabad.org](http://www.ieeeislamabad.org)
- Islamabad Section has an active Facebook page and a Facebook Group.

### **B.8 Industry Relations**

- Islamabad created a consortium between industry, academia and IEEE on its AGM. The consortium with work to bring industry personnel to university for 2 lectures in the regular semester per course.
- The consortium will work in this year and a pilot project will be run in first quarter.

### **B.9 Humanitarian Technology Activities**

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

Organizational Unit	Event Title	Event Date	Number of Attendance	Description
Riphah University FC, WIE	Virtual Webinar on "Mindful Self defence Techniques" : Riphah University FC, WIE	18-09-21 11:00	49	Speakers will discuss a practical implementation of various self defence martial arts techniques. Besides, the importance of the understanding of several self defence strategies like situational awareness, quick and instant reaction, usage of available self defence tools and reverse reaction when needed would be highlighted.
Riphah University FC	Nation Building: Rights vs Responsibilities : Riphah University FC	02-10-21 14:00	24	In this webinar of IEEE Day, Serina Khan tried to motivate the audience to Identify Rights and Responsibilities as a Muslim Nation. She discussed the most basic social issues faced now a days, and also suggested the appropriate solutions to these issues.

## B.10 Community Activities

- IEEE Social activities (Family day, IEEE day, Engineers Week)”

Event Title	Event Date	Hosts	Description
IEEE Day Celebration : National Univ Computer & Emerging Sci-Peshawar	04-11-20	STB20232 - National Univ Computer & Emerging Sci-Peshawar	On this day all IEEE society members organized a meeting in Hall B strictly following all SOPs, where all the newly selected volunteers
Oath Taking Ceremony - Spring 2021 : COMSATS University Islamabad, C016	26-02-21	SBC17241B - COMSATS University Islamabad, C016	IEEE COMSATS University Islamabad hosted its Oath-taking ceremony for the SP21 semester, in collaboration with IEEE Computer Society

IEEE PES DAY 21 ICE BREAKING SESSION OF PAKISTAN'S AMBASSADORS : Taxila Univ of Engineering and Tech,PE31	14-03-21	SBC60871B - Taxila Univ of Engineering and Tech,PE31	IEEE PES Student Chapter UET Taxila In regard to IEEE PES DAY 2021, team IEEE PES Day Pakistan organised an Ice Breaking Session
IEEE Networking Meetup 2021 : Islamabad Section Affinity Group, YP	18-06-21	YP00091 - Islamabad Section Affinity Group, YP	IEEE Young Professionals Islamabad Section has organized a two-day networking event for IEEE Young Professionals Members and undergraduates
Farewell session for Ex- com : Taxila Univ Of Engineering And Tech, WIE	01-07-21	SBA60871 - Taxila Univ Of Engineering And Tech, WIE	Team IEEE WIE SB UET Taxila organized a formal farewell Session for the ex cabinet -17.
IEEE DAY 2021 Module 1.1 Social media hygiene for career growth : Fatima Jinnah Women University,WIE	25-09-21	SBA66141 - Fatima Jinnah Women University,WI E	IEEE FJWU Student branch and WIE celebrated a series of events for IEEE day 2021.
IEEE DAY 2021 Cake cutting ceremony : Fatima Jinnah Women University,WIE	04-10-21	SBA66141 - Fatima Jinnah Women University,WIE	We, IEEE FJWU SB x IEEE FJWU WIE, are extremely delighted to share our moments of our celebration, capturing our joy.
IEEE DAY 2021 Celebration : Riphah University FC,WIE	04-10-21	SBA99389 - Riphah University FC	This event was specially organized for celebrating the official IEEE DAY 2021.

## **PART C - OTHERS**

### **C.1 Special Events**

- IEEE POCO workshop was conducted by Islamabad Section

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

- National Organization called CESAT (Centre of Excellence in Science & Applied Technologies) organizes a conference with IEEE Islamabad Section on yearly basis.
- A company called DICE Analytics provides trainings in field of AI and Big Data. IEEE Islamabad signed MOU with them to provide discounted trainings to IEEE Islamabad Section members.

### **C3. Collaboration with other IEEE Sections**

- Islamabad Section participated in Pakistan Student/WIE/YP/Sight congress in Lahore Section. Islamabad section funded 30 students to attend the event and also helped section in promotions of the event
- A WhatsApp group is created with all 3 sections of Pakistan to better communicate with each other

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

Chair Peshawar subsection is the member of IEEE Islamabad Section Executive Committee. Our subsection is at the brink of getting enough resources to move to section. We will try to have more activities in subsection to enable it to move it towards being a full section. The following things are planned:

- Promotion of student activities in the sub-section
- Arranging membership development seminars in sub-section with focus on professional memberships.
- Create value addition to engage professional and senior members in IEEE activities

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

- We use enotices to reach out to all members for all announcements
- We have also made several listserv mailing lists that help us communicate more effectively
- Secretary is available to all members and interacts with most of them to ensure they are motivated.
- We made it compulsory for conference organizers to connect with a society chapter and should have a student branch in university.

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

## **PART D - GOALS AND PLANS**

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

Please see response of D2.

s

### **D.2 Goals and Future Plans**

#### **Subsection:**

- Our subsection is at the brink of getting enough resources to move to section. We will try to have more activities in subsection to enable it to move it towards being a full section. The following things are planned:
  - Promotion of student activities in the sub-section
  - Arranging membership development seminars in sub-section with focus on professional memberships.
  - Create value addition to engage professional and senior members in IEEE activities

**Technical:**

- Opening new society chapters:
  - A petition for IEEE AESS is submitted already and in process of getting votes.  
We will support new chapter their first year of work
- Workshops and seminar series to equip IEEE members with latest technologies are planned and will be executed in this year.

**Humanitarian:**

- We will allocate some funds dedicated to humanitarian activities both as students and at section level.

**Membership Development:**

- 4-5 membership development seminars are planned as our membership numbers almost bounced back to pre-covid numbers, now want to promote more.

**Social:**

- An annual social interaction event is under discussion to improve networking among IEEE members. The event will be at FAST University Islamabad.

**Educational Activities:**

- We conducted two activities with the help of IEEE R10. Now, we will move our TISP events to the other cities and especially rural areas where there is most need of these activities.

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

- Create a framework for local benefits. IEEE should provide SOP and details on how to incorporate and validate local benefits.

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

- Engage more and more volunteers
- Work with National and Private organizations and try to resolve their pain points