

# IEEE Islamabad Section (R00091)

## PART A - SECTION SUMMARY

### A.1 Executive Summary – (Please follow the format given below)

- Section Executive Committee Member List

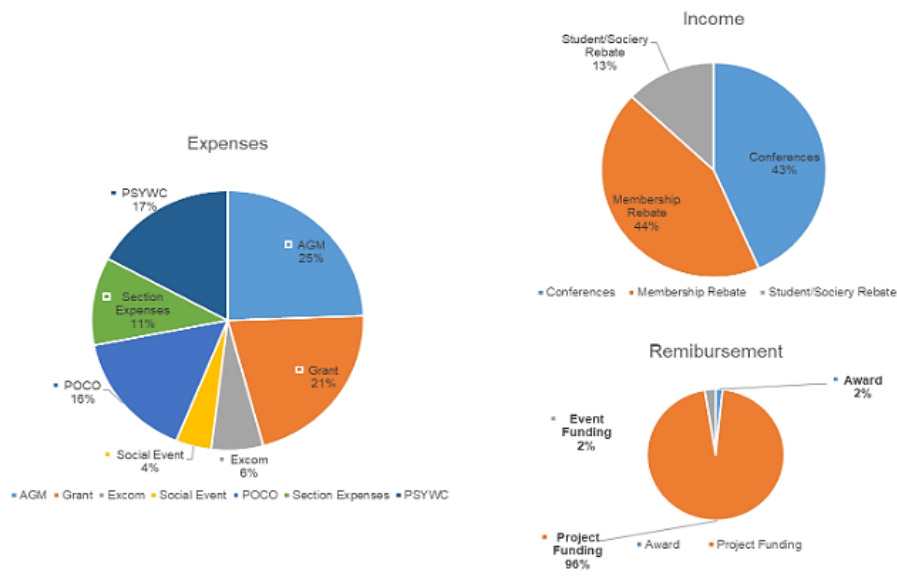
| Position                                  | Name                       |
|---|----------------------------|
| Chairperson                               | Dr. Muhammad Uzair Khan    |
| Vice Chair Islamabad Section              | Dr. Gulistan Raja          |
| Treasurer Islamabad Section               | Dr. Muhammad Arshad Islam  |
| Secretary Islamabad Section               | Mr. Ahsan Farooqui         |
| Chair Membership Development              | Mr. Farrukh Jamal          |
| Chair Publications                        | Dr. Haider Abbas           |
| Chair Media and Electronic Communications | Dr. Qurat ul Ain           |
| Chair Awards and Recognitions             | Dr. Muhammad Haroon Yousaf |
| Chair Conference Activities               | Dr. Muhammad Tariq         |
| Chair Educational Activities              | Dr. Sohail Khalid          |
| Chair Professional Activities             | Dr. Haroon ur Rashid       |
| Chair Student Activities Committee        | Dr. Noshewan Shoaib        |
| Industrial Relations Coordinator          | Dr. Waheed ullah           |
| Chair Peshawar Subsection                 | Dr. Salman Ahmed           |
| SSR Islamabad Section                     | Mr. Umair Ashraf Toor      |
| SSR Peshawar Subsection                   | Mr. Usman Haider           |
| YP Chair                                  | Mr. Muzamil Mahmood        |
| WIE Chair                                 | Ms. Komal Batool           |

- Section Highlights
  - 7 society chapters (4 joint chapters) in section
  - 345 Student Members
  - 239 Members
  - 59 Graduate Student Members
  - 112 Senior Members
  - 3 Life Senior Members
  - 1 Life Member
  - 31 Student branches
  - 18 student branch society chapters
  - 10 student WIE Affinity groups
- Major Events (International, National)
  - IEEE Islamabad Section technically sponsored 11 conferences in the year 2023
    1. 2023 3rd International Conference on Artificial Intelligence (ICAI)
    2. 2023 International Conference on Robotics and Automation in Industry (ICRAI)
    3. 2023 International Conference on Communication Technologies (ComTech)
    4. 2023 International Conference on Robotics and Automation in Industry (ICRAI)
    5. 2023 18th International Conference on Emerging Technologies (ICET)
    6. 2023 International Conference on Frontiers of Information Technology (FIT)
    7. 2023 International Conference on Frontiers of Engineering and Applied Sciences (ICFEAS)
    8. 2023 International Conference on Communication, Computing and Digital Systems (C-CODE)
    9. 2023 20th International Bhurban Conference on Applied Sciences and Technology (IBCAST)
    10. 2023 3rd International Conference on Digital Futures and Transformative Technologies (ICoDT2)
    11. 2023 IEEE SPS Seasonal School on Computer Vision Applications in Robotics (CVAR)

- Major Chapter Activities
  - Computational Intelligence Society won grants of USD 3950 for chapter project.
  - IEEE AP/MTTS/EMC/CAS won grants over USD 2000 to arrange conferences, webinars and other activities
  - Detailed activities are mentioned in fields below
- Major Student and Affinity Group Activities
  - IEEE Pakistan Student/Young Professionals/WiE/SIGHT Congress 2023
  - IEEE Islamabad Section YP - Learn from the Professionals 2023
  - IEEE Islamabad Section YP UpSkill 2023
  - Detailed activities are mentioned in fields below
- Awards
  - Region 10 Outstanding Medium Section Award

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

- Summary (as per submitted on NetSuite)
- Any other financial activities



## 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.
  - MD Activities in 2023
    - Membership Development collocated with SAC, YP and WiE and other events

### B.2 Chapter Activities

- Total number of Chapters in the Section
  - 3 x Chapters
  - 4 x Joint Chapters
- Number of Chapters formed in the current year
  - NONE
- 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:

| Event Title   | Event Date       | Number of Attendance |
|---|------------------|----------------------|
| Bioinformatics: Opportunities & Impact : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04  | 05/01/2023 10:00 | 40                   |
| Chapter Officer Meting : Islamabad Section Chapter, C16   | 08/01/2023 13:00 | 10                   |
| Nonlinear System Identifications of Underground Coal Gasification (UCG) Process : Islamabad Lahore Karachi Jt. Sections Chapter CS23        | 12/01/2023 15:00 | 12                   |
| Invited Talk on "Deriving Inspirations" Professional Development : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04                        | 02/02/2023 15:00 | 110                  |
| IEEE AP03/MTT17/EMC27/CAS04 ADMINISTRATIVE COMMITTEE (ADCOM) MEETING “ February 2023 : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04    | 08/02/2023 10:30 | 5                    |
| Invited Talk on "Own A Village" Concept : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04   | 09/02/2023 15:00 | 110                  |
| Design of experiments via Bayesian optimization : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04   | 14/02/2023 11:00 | 30                   |
| STEM Workshop for Autistic Children : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04   | 28/02/2023 10:00 | 48                   |
| Web3 and Metaverse : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04  | 07/03/2023 10:00 | 39                   |
| IEEE CIS Summer School 2022 : Islamabad Section Chapter,CIS11   | 09/03/2023 9:00  | 110                  |
| Interaction with Local Industry 2022 : Islamabad Section Chapter,CIS11  | 11/03/2023 17:00 | 75                   |
| ExCom Selection    IEEE PES/PELS Joint Chapter    IEEE Islamabad Section : Islamabad Section Joint Chapter,PE31/PEL35                       | 13/03/2023 12:59 | 30                   |
| IEEE WORKSHOP ON BASICS OF RF & MICROWAVE, AND EMC/I : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04                                    | 20/03/2023 10:00 | 30                   |
| ExCom Meeting    IEEE PES/PELS Joint Chapter    IEEE Islamabad Section : Islamabad Section Joint Chapter,PE31/PEL35                         | 22/03/2023 13:09 | 4                    |
| Professional Development Workshop and Executive Council Meeting : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04                         | 24/03/2023 17:00 | 55                   |
| IEEE Registration Drive : Islamabad Section Chapter, C16  | 29/03/2023 11:00 | n/a                  |
| EXCOM MEETING 2023 : Islamabad Section Chapter,CIS11  | 31/03/2023 12:00 | 4                    |
| Chapter Quarterly Meeting : Islamabad Section Chapter, C16  | 05/04/2023 13:00 | n/a                  |
| Selection of Extended Committee    IEEE PES/PELS Joint Chapter    IEEE Islamabad Section : Islamabad Section Joint Chapter,PE31/PEL35       | 10/04/2023 14:40 | 43                   |
| IEEE Workshop on Microwave Circuit Design : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04   | 13/04/2023 12:00 | 17                   |
| Software and System Design using Modeling Languages : Islamabad Section Chapter, C16  | 03/05/2023 14:00 | 42                   |
| National Geoportals : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04   | 09/05/2023 11:00 | 33                   |
| Role of Hybrid Energy System in Net Zero Emission: The Future Opportunities    IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35   | 16/05/2023 11:00 | 57                   |
| IEEE PES/PELS Excom & Extended Team Meeting : Islamabad Section Joint Chapter,PE31/PEL35  | 29/05/2023 21:00 | 12                   |
| STEM Activity for School Children at E-12    IEEE PES/PELS (Pehli Kiran School) : Islamabad Section Joint Chapter,PE31/PEL35                | 03/06/2023 9:00  | 115                  |
| STEM (Chemistry Experiments) for School Children at E-12    IEEE PES/PELS (Pehli Kiran School) : Islamabad Section Joint Chapter,PE31/PEL35 | 03/06/2023 9:00  | 115                  |
| A PRACTICAL WORKSHOP FOR SKILL DEVELOPMENT : Islamabad Section Chapter,CIS11  | 03/06/2023 9:00  | 64                   |
| PES RES Activity for Kids    IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35   | 03/06/2023 10:00 | 115                  |
| STEM Volunteer Award Ceremony    IEEE PES/PELS (Pehli Kiran School) : Islamabad Section Joint Chapter,PE31/PEL35                            | 03/06/2023 16:00 | 115                  |

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| Workshop on "The Arduino Xperience"    IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35  | 06/06/2023 14:10 | 45  |
| Workshop on Quantum Computing and QISKIT : Islamabad Section Chapter, C16  | 07/06/2023 14:30 | 25  |
| IEEE AP03/MTT17/EMC27/CAS04 ADMINISTRATIVE COMMITTEE (ADCOM) MEETING “ June 2023 : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04         | 09/06/2023 15:00 | 6   |
| PES RES Activity for Kids at Pehli Kiran School D-12    IEEE PES/PELS STEM Initiative : Islamabad Section Joint Chapter,PE31/PEL35           | 10/06/2023 9:00  | 55  |
| STEM Activity for School Children at Pehli Kiran School PK-9 D-12    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35 | 10/06/2023 9:00  | 132 |
| Circuit Builders Workshop    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35   | 10/06/2023 10:00 | 132 |
| Super Scholars: Mentoring for Academic Excellence    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35                 | 10/06/2023 11:00 | 132 |
| Award Distribution Ceremony    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35                                       | 10/06/2023 15:00 | 132 |
| Embrace the Future: Exploring Smart Cities in the Age of 5G : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04                              | 15/06/2023 12:00 | 34  |
| Model Predictive Control and its applications : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04  | 20/06/2023 15:00 | 30  |
| Know Tech Industry before Graduation- Industrial Visit : Islamabad Section Chapter, C16  | 21/06/2023 23:00 | n/a |
| Joule Jamboree: Circuit Building Workshop : Islamabad Section Joint Chapter,PE31/PEL35   | 24/06/2023 9:00  | 57  |
| Joule Jamboree: Circuit Building Workshop for Girls in STEM : Islamabad Section Joint Chapter,PE31/PEL35                                     | 24/06/2023 9:00  | 44  |
| Arduino Crash Course: Building Your First Project : Islamabad Section Joint Chapter,PE31/PEL35   | 24/06/2023 10:30 | 42  |
| Women in Circuits: Hands-on Arduino Training for STEM Leaders : Islamabad Section Joint Chapter,PE31/PEL35                                   | 24/06/2023 10:45 | 42  |
| Pathways to Success: Career Counseling for Pre University Students : Islamabad Section Joint Chapter,PE31/PEL35                              | 24/06/2023 12:00 | 42  |
| Power & Renewable Energy: An Insight to Future : Islamabad Section Joint Chapter,PE31/PEL35  | 24/06/2023 13:00 | 46  |
| Seminar on Nutrition & Metabolism : Islamabad Section Joint Chapter,PE31/PEL35   | 24/06/2023 13:50 | 32  |
| Teacher Workshop: Modernized Way of Teaching : Islamabad Section Joint Chapter,PE31/PEL35  | 24/06/2023 14:00 | 24  |
| Introduction of IEEE & IEEE PES/PELS to Pre University Students : Islamabad Section Joint Chapter,PE31/PEL35                                 | 24/06/2023 14:30 | 42  |
| Training Workshop: Guide to Confidence & Public Speaking : Islamabad Section Joint Chapter,PE31/PEL35  | 24/06/2023 14:30 | 33  |
| Extended Team Meeting    IEEE PES/PELS Joint Chapter    IEEE Islamabad Section : Islamabad Section Joint Chapter,PE31/PEL35                  | 24/06/2023 14:50 | 12  |
| Radio Frequency (RF) & Microwave and Antenna Lab Tour and Student Interaction : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04            | 05/07/2023 12:00 | 30  |
| How to Crack an Interview : Islamabad Section Chapter,CIS11  | 11/07/2023 10:00 | 93  |
| Invited talk & Interactive Session on Entrepreneurship, Business and Innovation : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04          | 13/07/2023 15:00 | 12  |
| Extended Team Meeting    IEEE PES/PELS Joint Chapter    IEEE Islamabad Section : Islamabad Section Joint Chapter,PE31/PEL35                  | 13/07/2023 20:00 | 10  |
| STEM Activity for Pre University Students at FBGT School    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35          | 15/07/2023 8:00  | 50  |

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| Mentoring Program for Pre University Students at FBGT School    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35                                    | 15/07/2023 9:30  | 50  |
| PES RES Activity for Kids at Mera Ghar Orphanage School    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35   | 15/07/2023 14:00 | 112 |
| Circuit Builders Workshop at MGO School    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35   | 15/07/2023 15:00 | 114 |
| Mentoring Program for Pre University Students at MGO School    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35                                     | 15/07/2023 16:00 | 115 |
| Building Performance Modelling in the Realm of Climate Change : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04  | 18/07/2023 10:00 | 44  |
| Mentoring Program for IMSS F-11/1    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35   | 22/07/2023 9:00  | 165 |
| STEM Activities for the Teachers & Parents    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35  | 22/07/2023 11:30 | 165 |
| PES RES Activity for Kids    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35   | 23/07/2023 9:00  | 60  |
| STEM Activities for the Students of Noreen Zindagi Foundation    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35                                   | 23/07/2023 11:00 | 60  |
| Mentoring Program for the Students of Noreen Zindagi Foundation    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35                                 | 23/07/2023 12:10 | 60  |
| Design and Development of an Asset Intelligence Systems for Industrial Environments : Islamabad Lahore Karachi Jt. Sections Chapter CS23                                   | 24/07/2023 11:30 | 12  |
| STEM Activities for the Students of Base Colleges for Women    IEEE PES/PELS STEM Program : Islamabad Section Joint Chapter,PE31/PEL35                                     | 31/07/2023 9:00  | 74  |
| Igniting Curiosity and Confidence: IEEE PES/PELS Electrical Switches Workshop for Women at Base Group of Colleges : Islamabad Section Joint Chapter,PE31/PEL35             | 31/07/2023 11:00 | 74  |
| Building Connections: IEEE PES/PELS Circuit Building Workshop Empowers Women at Base Group of Colleges : Islamabad Section Joint Chapter,PE31/PEL35                        | 31/07/2023 12:05 | 74  |
| Paving Pathways: IEEE PES/PELS Career Counseling Session Empowering Women at Base Group of Colleges : Islamabad Section Joint Chapter,PE31/PEL35                           | 31/07/2023 13:00 | 74  |
| Exploring the Wonders of Electronics: IEEE PES/PELS Circuit Building Workshop at Bahria Foundation School & College : Islamabad Section Joint Chapter,PE31/PEL35           | 01/08/2023 9:00  | 105 |
| Unraveling the Mysteries of Electricity: IEEE PES/PELS Insulators & Conductors Workshop at Bahria Foundation School & College : Islamabad Section Joint Chapter,PE31/PEL35 | 01/08/2023 11:00 | 105 |
| Charting Paths to Success: IEEE PES/PELS Career Counseling Session at Bahria Foundation School & College : Islamabad Section Joint Chapter,PE31/PEL35                      | 01/08/2023 13:00 | 105 |
| PES RES Activity for Kids    Umeed-E-Subh School : Islamabad Section Joint Chapter,PE31/PEL35  | 03/08/2023 9:00  | 40  |
| Sparking Curiosity: Circuit Building Activity for Kids at Umeed-E-Subh School : Islamabad Section Joint Chapter,PE31/PEL35   | 03/08/2023 11:00 | 38  |
| Powering Your Future: Career Counselling Session by IEEE PES/PELS at Umeed-E-Subh School Boys Campus : Islamabad Section Joint Chapter,PE31/PEL35                          | 03/08/2023 12:15 | 37  |
| Resume Makeover 101: How to Create an Impactful CV : Islamabad Section Joint Chapter,PE31/PEL35  | 03/08/2023 18:02 | 45  |
| Sparking Curiosity: Circuit Building Activity for Girls at Umeed-E-Subh School Girls Campus : Islamabad Section Joint Chapter,PE31/PEL35                                   | 04/08/2023 9:00  | 45  |

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| Powering Your Future: Career Counselling Session by IEEE PES/PELS at Umeed-E-Subh School Girls Campus : Islamabad Section Joint Chapter,PE31/PEL35            | 04/08/2023 13:02 | 37 |
| ExCom Meeting August 2023 : Islamabad Section Joint Chapter,PE31/PEL35  | 04/08/2023 17:00 | 2  |
| Webinar on IEEE PES Membership : Islamabad Section Joint Chapter,PE31/PEL35   | 05/08/2023 17:00 | 45 |
| IEEE PES/PELS Circuit Building Workshop at FG Public School & College : Islamabad Section Joint Chapter,PE31/PEL35  | 10/08/2023 9:00  | 72 |
| Guiding Futures: IEEE PES/PELS Career Counseling Session at FG Public School & College : Islamabad Section Joint Chapter,PE31/PEL35                           | 10/08/2023 10:10 | 72 |
| Illuminating Pathways: IEEE PES/PELS Session on the Significance of Electrical Engineering & Power : Islamabad Section Joint Chapter,PE31/PEL35               | 10/08/2023 12:05 | 72 |
| Exploring Electrical Fundamentals: IEEE PES/PELS Session on Insulators and Conductors : Islamabad Section Joint Chapter,PE31/PEL35                            | 10/08/2023 12:35 | 72 |
| Navigating Innovation: Introduction of the Power and Energy Society to FG Students : Islamabad Section Joint Chapter,PE31/PEL35                               | 10/08/2023 14:00 | 72 |
| Nurturing Young Minds: Exploring Renewable Energy through Knowledge and Colors at Sky School's PES RES Activity. : Islamabad Section Joint Chapter,PE31/PEL35 | 12/08/2023 9:00  | 37 |
| Sparks of Learning: Circuit Building Adventure at Sky School by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35                                    | 12/08/2023 10:00 | 37 |
| Empowering Futures: Electrical Engineering Career Insights by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35                                      | 12/08/2023 11:00 | 37 |
| Breadboarding Basics: Powering Up Minds : Islamabad Section Joint Chapter,PE31/PEL35  | 15/08/2023 9:00  | 47 |
| Pathways in Power: Electrical Engineering Career Insights : Islamabad Section Joint Chapter,PE31/PEL35  | 15/08/2023 10:00 | 47 |
| Navigating Excellence: Unveiling IEEE PES for Young Innovators : Islamabad Section Joint Chapter,PE31/PEL35   | 15/08/2023 10:50 | 46 |
| Electrifying Exploration: Conductor and Insulator Hands-On Activity : Islamabad Section Joint Chapter,PE31/PEL35  | 15/08/2023 11:30 | 47 |
| Sparking Curiosity: Renewable Energy Adventure for Young Minds : Islamabad Section Joint Chapter,PE31/PEL35   | 15/08/2023 12:05 | 31 |
| Powering Dreams: Exploring Electrical and Renewable Energy Careers : Islamabad Section Joint Chapter,PE31/PEL35   | 15/08/2023 13:05 | 31 |
| Electrifying Discoveries: Unraveling the World of Conductors and Insulators : Islamabad Section Joint Chapter,PE31/PEL35                                      | 15/08/2023 14:10 | 18 |
| Empowering Educators: Unleashing the Potential of Modernized Teaching : Islamabad Section Joint Chapter,PE31/PEL35  | 15/08/2023 15:00 | 15 |
| Tech Horizons: Empowering Educators with Google & Microsoft Tools : Islamabad Section Joint Chapter,PE31/PEL35  | 15/08/2023 16:00 | 18 |
| Engage Government School Children via STEM Technology : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04   | 16/08/2023 8:30  | 62 |
| Empowering Future Engineers: Circuit-Building Workshop by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35  | 16/08/2023 9:00  | 53 |
| Exploring Renewable Energy: PES RES Activity by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35  | 16/08/2023 10:00 | 53 |
| Powering Your Future: Career Counseling Session by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35   | 16/08/2023 11:00 | 53 |
| Pioneering the Next Wave: An Exploration of 5G Use Cases and Implications : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04                                 | 16/08/2023 11:00 | 38 |
| Conductive Pathways: Exploring Conductors and Insulators Workshop by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35                               | 16/08/2023 12:05 | 53 |
| Unveiling Brilliance: 'Light Your Talent' Workshop on SDGs by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35                                      | 16/08/2023 14:00 | 41 |

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| Exploring Renewable Energy through Colors: Links School's PES RES Activity : Islamabad Section Joint Chapter,PE31/PEL35   | 17/08/2023 8:00  | 41  |
| Igniting Minds: Links School's Hands-On Circuit Building Workshop by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35                                   | 17/08/2023 9:00  | 41  |
| Pathways to Success: Links School's Electrical and Renewable Energy Career Counseling by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35               | 17/08/2023 9:45  | 41  |
| Unveiling the Science of Electricity: Insulators and Conductors Workshop at Links School by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35            | 17/08/2023 10:30 | 41  |
| Igniting Brilliance: Links School's 'Light Your Talent' Workshop by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35                                    | 17/08/2023 11:00 | 32  |
| Empowering Future Engineers: IEEE PES/PELS Circuit Building Workshop at FG Boys Model College : Islamabad Section Joint Chapter,PE31/PEL35                        | 17/08/2023 12:05 | 45  |
| Guiding Pathways: IEEE PES/PELS Career Counselling Session on Electrical & Renewable Energy at FG Boys Model College : Islamabad Section Joint Chapter,PE31/PEL35 | 17/08/2023 13:00 | 45  |
| Empowering SDG Champions: IEEE PES/PELS 'Light Your Talent' Workshop for FG Boys Model College : Islamabad Section Joint Chapter,PE31/PEL35                       | 17/08/2023 14:00 | 45  |
| Connecting Concepts: IEEE PES/PELS Insulators and Conductors Workshop at FG Boys Model College : Islamabad Section Joint Chapter,PE31/PEL35                       | 17/08/2023 14:05 | 45  |
| Exploring Opportunities: IEEE PES/PELS Introductory Session at FG Boys Model College : Islamabad Section Joint Chapter,PE31/PEL35                                 | 17/08/2023 14:50 | 45  |
| Empowering Tomorrow's Engineers: Circuit Building Workshop at Sir Syed Girls High School & College : Islamabad Section Joint Chapter,PE31/PEL35                   | 18/08/2023 9:00  | 116 |
| Illuminating Futures: Electrical and Renewable Energy Career Counselling at Sir Syed Girls High School & College : Islamabad Section Joint Chapter,PE31/PEL35     | 18/08/2023 10:00 | 120 |
| Unveiling Opportunities: Introduction to IEEE PES for Female Students at Sir Syed Girls High School & College : Islamabad Section Joint Chapter,PE31/PEL35        | 18/08/2023 11:00 | 120 |
| Exploring Electrical Fundamentals: Insulators and Conductors Workshop at Sir Syed Girls High School & College : Islamabad Section Joint Chapter,PE31/PEL35        | 18/08/2023 12:10 | 120 |
| Nurturing Brilliance: "Light Your Talent" Workshop Promoting SDGs at Sir Syed Girls High School & College : Islamabad Section Joint Chapter,PE31/PEL35            | 18/08/2023 13:15 | 120 |
| Empowering Future Engineers: Circuit Building Workshop at Sun Rise School : Islamabad Section Joint Chapter,PE31/PEL35  | 19/08/2023 8:00  | 40  |
| Exploring Conductors and Insulators: IEEE PES/PELS Workshop at Sun Rise School : Islamabad Section Joint Chapter,PE31/PEL35                                       | 19/08/2023 9:00  | 41  |
| Empowering Change: SDGs Workshop on Electrical Engineering at Sun Rise School : Islamabad Section Joint Chapter,PE31/PEL35  | 19/08/2023 10:00 | 41  |
| Guiding Lights: IEEE PES/PELS Career Counselling in Electrical Engineering at Sun Rise School : Islamabad Section Joint Chapter,PE31/PEL35                        | 19/08/2023 11:00 | 41  |
| Empowering Future Engineers: Breadboard Circuit Building Workshop at Al-Haytham School : Islamabad Section Joint Chapter,PE31/PEL35                               | 19/08/2023 12:05 | 47  |
| Exploring Electrical Fundamentals: Conductor and Insulator Workshop at Al-Haytham School : Islamabad Section Joint Chapter,PE31/PEL35                             | 19/08/2023 13:00 | 48  |
| Elevating Education: Modern Teaching Techniques Workshop for Al-Haytham School Educators : Islamabad Section Joint Chapter,PE31/PEL35                             | 19/08/2023 13:00 | 33  |
| Navigating Futures: Electrical Career Counseling at Al-Haytham School : Islamabad Section Joint Chapter,PE31/PEL35  | 19/08/2023 14:00 | 47  |

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| Empowering Education: Google & Microsoft Tools Workshop for Al-Haytham School Educators : Islamabad Section Joint Chapter,PE31/PEL35  | 19/08/2023 14:30 | 33  |
| Electrical Engineering for a Sustainable Future: SDGs Workshop at Al-Haytham School : Islamabad Section Joint Chapter,PE31/PEL35  | 19/08/2023 15:00 | 47  |
| Skans School Empowers Students with Hands-On Learning: Breadboard Circuit Building Workshop by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35                   | 23/08/2023 8:00  | 33  |
| Exploring Electrical Engineering Horizons: IEEE PES/PELS Career Counselling Shines at Skans School : Islamabad Section Joint Chapter,PE31/PEL35                             | 23/08/2023 9:00  | 33  |
| Exploring Frontiers: IEEE PES/PELS Introduces Skans School Students to the World of Power and Energy : Islamabad Section Joint Chapter,PE31/PEL35                           | 23/08/2023 10:00 | 32  |
| Skans School Explores Green Horizons: IEEE PES/PELS Conducts Renewable Energy Activity : Islamabad Section Joint Chapter,PE31/PEL35   | 23/08/2023 11:00 | 34  |
| Skans School's Journey towards Sustainability: IEEE PES/PELS Hosts SDGs Workshop on Exploring Electrical Engineering Interests : Islamabad Section Joint Chapter,PE31/PEL35 | 23/08/2023 13:00 | 28  |
| Skans School, Campus 2 Explores Sustainable Development Goals in Electrical Engineering : Islamabad Section Joint Chapter,PE31/PEL35  | 23/08/2023 14:00 | 40  |
| Illuminating Horizons: Skans School Campus 2 Workshop on Conductors & Insulators by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35                              | 23/08/2023 14:30 | 37  |
| Unleashing Ingenuity: Skans School Campus 2 Circuit Building Workshop by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35   | 23/08/2023 15:00 | 37  |
| Navigating Futures: Skans School Campus 2 Career Counselling Session by IEEE PES/PELS : Islamabad Section Joint Chapter,PE31/PEL35  | 23/08/2023 15:50 | 37  |
| Revolutionizing Education: A Workshop on Modern Teaching Techniques for HMC Girls School & College Educators : Islamabad Section Joint Chapter,PE31/PEL35                   | 24/08/2023 9:00  | 27  |
| EMPOWER CYBER: WIE LEADING IN DIGITAL DEFENSE : Islamabad Section Affinity Group, WIE   | 25/08/2023 9:00  | 53  |
| STEM Workshop for School Children : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04   | 30/08/2023 8:30  | 65  |
| IEEE R10 YOUNG PROFESSIONALS UPSKILL 2023 - ISLAMABAD : Islamabad Section Chapter,CIS11   | 01/09/2023 9:00  | 75  |
| IEEE AP03/MTT17/EMC27/CAS04 ADMINISTRATIVE COMMITTEE (ADCOM) MEETING â€“ September 2023 : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04                                 | 01/09/2023 10:00 | 5   |
| STEM Workshop for Orphan Children : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04   | 07/09/2023 8:30  | 55  |
| Industry 4.0 : Islamabad Section Chapter, C16   | 20/09/2023 10:00 | n/a |
| Seminar Course on Radar Circuits & Systems - IEEE Day 2023 Event : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04  | 03/10/2023 9:30  | 55  |
| Intrusion Detection in Industrial Control Networks : Islamabad Lahore Karachi Jt. Sections Chapter CS23   | 03/10/2023 14:00 | 4   |
| IEEE MTTs DL Talk on "mm-Wave System and Circuit Design for Highly Integrated Radar Transceiver" : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04                        | 16/10/2023 19:00 | 20  |
| STEM Workshop : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04   | 08/11/2023 11:00 | 35  |
| IEEE AP03/MTT17/EMC27/CAS04 ADMINISTRATIVE COMMITTEE (ADCOM) MEETING â€“ November 2023 : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04                                  | 10/11/2023 14:30 | 5   |
| Rise of Interdisciplinary Education and Research : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04  | 15/11/2023 14:30 | 30  |



|  |                  |     |
|--|------------------|-----|
| IEEE MTTs DML TALK ON "DIGITIZATION AND INTELLIGENCE: UNLOCKING THE INNOVATION OF FUTURE RADIOS" : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04 | 27/11/2023 19:00 | 20  |
| RF PCB Fabrication Training : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04  | 01/12/2023 14:00 | 11  |
| IEEE MTTs DML TALK ON "MULTI-FUNCTION MULTI-BAND RECONFIGURABLE HIGH-Q FILTERS" : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04                  | 06/12/2023 17:00 | 17  |
| IEEE AP03/MTT17/EMC27/CAS04 ADMINISTRATIVE COMMITTEE (ADCOM) MEETING "December 2023 : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04              | 08/12/2023 14:00 | 4   |
| Invited talk on "Enabling Technologies for 6G Communication Systems" : Islamabad Sect Jt. Chapter,AP03/MTT17/EMC27/CAS04                             | 27/12/2023 11:00 | 24  |
| AI in Power System Planning and Operation    IEEE PES/PELS Jt. Chapter : Islamabad Section Joint Chapter,PE31/PEL35                                  | 27/12/2023 19:00 | 45  |
| IEEE Islamabad Section CIS Industry Gala 2023    Hamdard University Islamabad Campus : Islamabad Section Chapter,CIS11                               | 28/12/2023 9:00  | 145 |

### 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  | 94                         |
| Student Branch Chapter | 24                         |
| Student Branch         | 59                         |
| YP                     | 13                         |
| WIE                    | 15                         |
| Section                | 2                          |

### B.4 Students Activities

- Total number of Student Branches in the Section = 31
- Number of Student Branches formed in the current year = Nil
- Section level student activities (student congress, paper and other contests, awards etc.)
  - **Meetings**
    - Branch Chairs Meeting at NUST SEECS (July 2023)
    - Branch Chairs Meeting at NUST SEECS (July 2023)
  - **Activities**
    - IEEE Pakistan Student/YP/WiE/SIGHT Congress at COMSATS Islamabad (Oct 2023)
    - IEEE SPAX Activity at NUST SEECS (July 2023)
    - Webinars on VoLT (Aug 2023 – Nov 2023)
    - Ethics Competition at COMSATS Islamabad (Oct 2023)
    - STEM Activities at NUST SEECS (Nov 2023)
    - STEM Activities at UET Taxila (Dec 2023)
  - **Membership Development - IEEE Introductory Sessions at**
    - NUML Rawalpindi (Feb 2023)
    - NUST MCS (March 2023)
    - WEC (March 2023)
    - HITEC University (March 2023)
    - COMSATS Wah (March 2023)
    - Bahria University (March 2023)
    - Riphah International University (March 2023)
    - COMSATS Islamabad (Oct 2023)
    - Hamdard University Islamabad (Dec 2023)
    - Skill Safari – Activities on MD by IEEE PES/PELS Joint Chapter
    - IEEE R10 MDC Project 2A, Project 2B and Project 2C

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

| Sr. No | Student Branch                                     |
|--------|--|
| 1      | Hamdard University Islamabad                       |
| 2      | HITEC University                                   |
| 3      | National University of Modern Languages-Rawalpindi |
| 4      | NUST College of Electrical & Mechanical Eng        |
| 5      | Riphah University FC                               |
| 6      | Taxila Univ of Engineering and Tech                |

- Summary of Student Branch activities (Student Branch wise with attachment table/information)

#### Capital University of Science & Technology

| Sr. No | Event Name   | Date             | Description  |
|--------|--|------------------|--|
| 1      | ROBOCUST : Capital University of Science & Technology                              | 14/01/2023 8:00  | RoboCUST, in conjunction with the science fair, provides a platform for young robotics innovators, supporting SDGs 4 and 9, with categories like Robo Race and Robo Maze, attracting 100 students from 12 institutes, garnering praise from over 700 attendees for engaging Pakistan's future generation successfully.   |
| 2      | Science Fair : Capital University of Science & Technology                          | 14/01/2023 8:00  | The Faculty of Engineering's inaugural Science Fair engaged 500 participants from 25 schools and colleges across twin cities. The fair featured seven modules addressing education and sustainability, aligning with SDGs 4 and 9. Sponsored by Granna.com and Netracon Technologies, with media coverage by Dunya News, the event provided a platform for students to showcase their talents. |
| 3      | Basic Signals Plotting in MATLAB : Capital University of Science & Technology,CS23 | 20/03/2023 11:00 | The IEEE CUST Student Branch hosted "Basic Signals Plotting in MATLAB," providing hands-on MATLAB experience for 23 Electrical Engineering students led by Mr. Qazi Abdul Moqueet, emphasizing signal plotting techniques and fostering competition for accuracy and quality.  |
| 4      | Deflection of Beam Competition : Capital University of Science & Technology,CS23   | 08/05/2023 14:00 | The IEEE CUST Student Branch CSS Chapter organized a lab competition on beam deflection analysis, where participants showcased their skills under diverse support conditions, evaluated by Engr. Bilal Hussain, ultimately enhancing students' comprehension and fostering high engagement.  |

#### Military College of Signals

| Sr. No | Event Name  | Date             | Description   |
|--------|---|------------------|---|
| 1      | National Electronic Olympiad: Military College of Signals         | 10/02/2023 5:08  | NEO 2023 provided a vital platform for showcasing electronics and robotics talent, fostering competition, knowledge exchange, and innovation through events like Robo Wars and Robo AI demonstrations.                                      |
| 2      | IEEE MEMBERSHIP DEVELOPMENT Session : Military College of Signals | 01/03/2023 10:00 | The IEEE Membership Development Session at the Vtools event enlightened attendees on IEEE's mission, membership benefits, and diversity initiatives, emphasizing career resources, volunteer opportunities, and community impact.           |
| 3      | COMTECH CONFERENCE : Military College of Signals                  | 15/03/2023 9:00  | COMTECH 2023 at MCS, NUST, facilitated interdisciplinary knowledge exchange, featuring keynote speeches, technical sessions, and an SDG-focused panel discussion, fostering recognition and advancement in communication and technologies.. |

#### Hamdard University Islamabad

| Sr. No | Event Name  | Date             | Description   |
|--------|---|------------------|---|
| 1      | Seminar on Mental Health Awareness : Hamdard University Islamabad     | 04/10/2023 13:00 | Ms. Naila underscored the necessity of nurturing a compassionate societal fabric to support individuals navigating mental health struggles. |
| 2      | Branch Officers Training on Vtools : Hamdard University Islamabad     | 15/11/2023 12:00 | The training were provided to the student branch officers regarding the usage of vtools.  |
| 3      | Seminar on IEEE Membership Development : Hamdard University Islamabad | 15/12/2023 9:00  | Seminar were held to share the technical and non-technical perks of being an IEEE Member  |

|   |   |                 |  |
|---|---|-----------------|--|
| 4 | IEEE Islamabad Section CIS<br>INDUSTRY GALA in<br>Collaboration with IEEE HUIC SB :<br>Hamdard University Islamabad | 28/12/2023 9:00 | The IEEE Islamabad Section CIS Industry Gala 2023, organized by IEEE Hamdard University Student Branch, featured a diverse array of workshops and talks, covering topics ranging from IEEE membership benefits to advanced technical subjects like Wavelet Transform applications and deep learning for mental health diagnosis. These sessions provided attendees with valuable insights, practical knowledge, and hands-on experiences to enhance their skills and understanding in various domains of engineering and technology. |
|---|---|-----------------|--|

#### Mirpur University of Science and Technology

| Sr. No | Event Name   | Date                | Description  |
|--------|--|---------------------|--|
| 1      | Pathway to Google: INSIGHT FROM GOOGLE ENGINEER" by Arsalan Arshad : Mirpur University of Science and Technology | 15/04/2023<br>22:00 | "Pathway to Google: INSIGHT FROM GOOGLE ENGINEER" by Arsalan Arshad, organized by GDSC MUST, offered attendees firsthand insights into Google's inner workings and valuable strategies for career advancement, in collaboration with various institutions.                                   |
| 2      | IEEE VOLT PROGRAM 23-24 :<br>Mirpur University of Science and<br>Technology                                      | 12/09/2023<br>12:00 | The IEEE event featuring Dr. Noshwerwan Khan provided attendees with valuable insights into the IEEE VOLT program, emphasizing its role in nurturing young engineers' growth through leadership opportunities and scholarships, inspiring them to actively engage within the IEEE community. |

#### Pakistan Inst of Engineering & Applied Sciences

| Sr. No | Event Name            | Date             |
|--------|-----------------------|------------------|
| 1      | IEEE Day 2023         | 03/10/2023 12:45 |
| 2      | Empowering Innovation | 13/10/2023 19:00 |

#### HITEC University

| Sr. No | Event Name   | Date             |
|--------|--|------------------|
| 1      | IEEE VoLT Program 2023   | 14/09/2023 16:30 |
| 2      | Role of IEEE IEEE EMBS Chapter in Biomedical Engineering               | 20/09/2023 11:50 |
| 3      | Live and Work in Australia subclass 476 Visa for Engineering Graduates | 02/10/2023 6:00  |
| 4      | Hands on MATLAB  | 01/11/2023 11:00 |
| 5      | SQL Database And Its Practical Applications                            | 04/12/2023 8:35  |
| 6      | Code War 2   | 06/12/2023 9:00  |
| 7      | Introduction to Operating Systems                                      | 06/12/2023 13:30 |
| 8      | Advancements in Machine Learning                                       | 07/12/2023 11:00 |
| 9      | HI ROBO TECH 2023  | 13/12/2023 21:33 |

#### National University of Modern Languages-Rawalpindi

| Sr. No | Event Name  | Date             |
|--------|---|------------------|
| 1      | Software project ideas discussion                               | 22/02/2023 11:00 |
| 2      | IEEE membership development seminar                             | 27/02/2023 22:00 |
| 3      | Effectively Freelancing and Utilizing Various Platforms         | 15/03/2023 10:00 |
| 4      | Workshop on cyber security                                      | 21/03/2023 9:00  |
| 5      | IEEE workshop on "Graphic Designing"                            | 22/03/2023 9:00  |
| 6      | Concepts And Advances In Cyber Security                         | 17/05/2023 10:00 |
| 7      | PEC Continuing Professional Development(CPD) on speech deepfake | 19/05/2023 10:30 |
| 8      | Workshop on Graphic Designing                                   | 03/06/2023 9:00  |
| 9      | IEEE Student Awareness Campaign 2023                            | 18/09/2023 9:00  |
| 10     | IEEE Day 2023 / IEEE VOLT Session :                             | 03/10/2023 12:45 |
| 11     | Seminar on Steps to Career Building                             | 05/10/2023 10:00 |
| 12     | Session on Git and GitHub Basics in Collaboration with MLSA     | 09/10/2023 10:00 |
| 13     | AI-Quds awareness session                                       | 20/11/2023 11:30 |
| 14     | Risk Management for Successful Software Development             | 21/11/2023 9:30  |
| 15     | Documents Preparation in LaTeX                                  | 22/11/2023 11:00 |
| 16     | Secure Software Development Seminar                             | 27/11/2023 10:00 |

#### Taxila Univ of Engineering and Tech

| Sr. No | Event Name               | Date             |
|--------|--------------------------|------------------|
| 1      | Demystifying The Arduino | 04/01/2023 19:00 |
| 2      | FFFL MTO PROGRAM 23      | 15/03/2023 10:00 |

|    |  |                  |
|----|--|------------------|
| 3  | CABINET INTERVIEWS                               | 02/04/2023 0:00  |
| 4  | Hosting Visit of DESCON                          | 03/04/2023 11:00 |
| 5  | HUAWEI RECRUITMENT DRIVE                         | 15/06/2023 13:00 |
| 6  | CONTENT WRITING IN THE AGE OF AI                 | 15/07/2023 17:00 |
| 7  | Scholarship Cracking Recipe                      | 16/07/2023 17:00 |
| 8  | INTRODUCTION TO FREELANCING AND ENTERPRENEURSHIP | 22/07/2023 17:00 |
| 9  | WATT'S UP KIDS (MODULE 01)                       | 31/07/2023 10:30 |
| 10 | Making LinkedIn Profile                          | 02/08/2023 17:00 |
| 11 | Unveiling the Fast-Track towards your first job  | 03/08/2023 17:00 |
| 12 | The Rise of Generative AI Explaining the Hype    | 04/08/2023 17:00 |
| 13 | On Role of Solar Energy in Robotics and AI       | 05/08/2023 17:00 |
| 14 | WEBINAR ON DIGITAL MARKETING                     | 06/08/2023 17:00 |
| 15 | WORKSHOPS ON GRAPHICS DESIGNING                  | 07/08/2023 20:00 |
| 16 | Uncover Modern Cyber Security Threats            | 13/08/2023 18:00 |
| 17 | Machine Learning                                 | 15/08/2023 17:00 |
| 18 | Art of Research Paper to Paper Publication       | 18/08/2023 17:00 |
| 19 | What Industries Expect from Engineers            | 19/08/2023 18:00 |

### Riphah University FC

| Sr. No | Event Name  | Date             |
|--------|---|------------------|
| 1      | FRO BLOCKS TO CHAIN: UNDERSTANDING THE BASICS OF BLOCKCHAIN | 22/12/2023 11:00 |
| 2      | Data Mining Tools & Techniques                              | 26/12/2023 9:00  |
| 3      | Latest Trends in Mobile App. Development                    | 28/12/2023 9:00  |
| 4      | Basics of Laravel   | 29/12/2023 9:00  |

## B.5 Affinity Group Activities

### Young Professional (YP)

| Sr. No | Event Title   | Date                | Event Category |
|--------|---|---------------------|----------------|
| 1      | 1st ExCom Meeting 2023  | 27/03/2023<br>13:00 | Administrative |
| 2      | Meeting with IEEE Region 10 YP AG Coordinator   | 09/04/2023<br>16:00 | Professional   |
| 3      | Meeting with YP Islamabad ExCom and Extended Committee  | 14/04/2023 9:35     | Professional   |
| 4      | Meeting with Chair Industry Relations   IEEE Islamabad Section  | 27/04/2023<br>21:00 | Technical      |
| 5      | Workshop on Graphic Designing   | 03/06/2023 9:00     | Technical      |
| 6      | Learn From The Professionals - A Practical Workshop for Skill Development                                       | 03/06/2023 9:00     | Technical      |
| 7      | Workshop on Investigation of Digital Crimes   | 13/06/2023<br>14:00 | Technical      |
| 8      | Learn from the Professionals: A Workshop to Design Professional CV  | 16/06/2023<br>16:00 | Professional   |
| 9      | Learn from the Professionals: A practical approach for Skill Development: Workshop on How to Crack an Interview | 11/07/2023 9:00     | Technical      |
| 10     | Skill Development Hub   | 18/08/2023 8:00     | Technical      |
| 11     | IEEE R10 Young Professionals UpSkill 2023 - Islamabad   | 01/09/2023 9:00     | Technical      |
| 12     | Students and Young Professionals Panel Discussion on Career and Benefits of IEEE Membership                     | 21/10/2023<br>13:00 | Professional   |
| 13     | Meet Greet and Connect  | 21/10/2023<br>19:00 | Professional   |

### Women In Engineering (WIE)

| Sr. No | Organizational Unit                                  | Number of Events | Number of Attendees |
|--------|--|------------------|---------------------|
| 1      | Section WiE  | 29               | 2111                |
| 2      | COMSATS University Islamabad, WIE                    | 3                | 165                 |
| 3      | Mirpur University of Science and Technology, WIE     | 1                | 30                  |
| 4      | Pakistan Inst of Engineering & Applied Sciences, WIE | 2                | 112                 |

## B.6 Awards & Recognition Activities

- Award constituted by the Section
  - **BEST STUDENT BRANCH:** IEEE SB UET Taxila
  - **BEST STUDENT VOLUNTEER:** Mr. Afaq Tahir
  - **BEST WIE AG:** IEEE WiE SB Riphah Intl. Uni.
  - **BEST WIE AG VOLUNTEER:** Ms. Mahnoor Baidar

- **BEST STUDENT TECHNICAL CHAPTER:** IEEE PES UET Taxila
- **DISTINGUISHED PROFESSIONAL MEMBER AWARD:** Dr. Muhammad Faisal Nadeem Khan
  - Certificates were also awarded to SAC team.

**Education Activities:**

- Skill Development for college students - IEEE R10 EAC YP – 25 July 2023 and 18 Aug 2023 – USD 400
- STEMPORIUM - An Outreach program by IEEE Islamabad Section PES/PEL Joint Chapter – USD 2000
- Engage Government School Children via STEM – USD 2000
- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year

| Key Achievements:  |          |
|--|----------|
| <ul style="list-style-type: none"> <li>• Islamabad Section won IEEE Region 10 Medium Section Award</li> <li>• Hosting of Pakistan Students/ Young Professionals / Women in Engineering / SIGHT Congress 2023</li> <li>• Won multiple Global and Region 10 Grants in Educational Activities, YP Activities, WiE Activities, SPAX Activity, Membership Development Activities, Society Activities, and Industrial Activities</li> <li>• Revamping of Young Professionals Affinity Group</li> <li>• Revamping of IEEE PES/PELS Joint Chapter, Islamabad Section</li> <li>• Won IEEE CIS Chapter Project on Interaction with Local Industry</li> </ul> |          |
| Grants won:  |          |
| FUNDING TITLE  | AMOUNT   |
| STEMPORIUM - An Out Reach program by Try Engineering   | 2000 USD |
| Skill Safari – IEEE PES MD and Retention   | 2000 USD |
| IEEE PELS Day Celebration – IEEE PELS  | 200 USD  |
| IEEE SEECs SPAX  | 250 USD  |
| Engage Government School Children by Try Engineering   | 2000 USD |
| IEEE YP Local Activity by IEEE MGA YP  | 745 USD  |
| IEEE R10 EAC YP  | 400 USD  |
| IEEE R10 YP UPSKILL by IEEE R10 YP   | 600 USD  |
| IEEE R10 Membership Development Project 2B   | 350 USD  |
| Empowering Industry 4.0 with IoT, Industrial Automation, and Cloud Computing   | 500 USD  |
| YP Focussed Group Discussion by IEEE MGA YP  | 1000 USD |
| IEEE R10 Membership Development Project 2A   | 350 USD  |
| IEEE R10 Membership Development Project 2C   | 400 USD  |
| Climate Change Initiative by WiE   | 100 USD  |

**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)
  - January – June 2023
  - July – December 2023 (In Progress)
- Home Page of the Section ([www.ieeeislamabad.org](http://www.ieeeislamabad.org))
- Islamabad Section has an active Facebook page and a Facebook Group.

**B.8 Industry Relations**

- Membership growth and retention
- Activities for/with industrial members

## B.9 Humanitarian Technology Activities

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

| Event Title  | Event Date       | OU  |
|--|------------------|---|
| Invited Talk on "Own A Village" Concept                                      | 09/02/2023 15:00 | Islamabad Sect Jt. Chapter, AP03/MTT17/EMC27/CAS04  |
| ORPHANAGE VISIT BY IEEE RAS CUI IN COLLABORATION WITH AL-MADADĀ ORGANIZATION | 12/04/2023 13:00 | COMSATS University Islamabad, RA24                  |
| STEM Workshop for Autistic Children  | 28/02/2023 10:00 | Islamabad Sect Jt. Chapter, AP03/MTT17/EMC27/CAS04  |
| AI-Quds awareness session  | 20/11/2023 11:30 | National University of Modern Languages- Rawalpindi |
| Workshop On first aid  | 31/08/2023 10:00 | Taxila Univ of Engineering and Tech, CT08           |
| Pinktober: Breast Cancer Awareness   | 22/10/2023 10:27 | Islamabad Section Affinity Group, WIE               |
| Women Health and issues: Awareness Talk                                      | 22/10/2023 11:34 | Islamabad Section Affinity Group, WIE               |
| IEEE WIE Islamabad Section Online Campaign for GAZA                          | 17/12/2023 12:00 | Islamabad Section Affinity Group, WIE               |

## B.10 Community Activities

- IEEE Social activities (Family Day, IEEE day, Engineers Week)"

| Event Title   | Event Date       | OU  |
|---|------------------|---|
| Science Fair  | 14/01/2023 8:00  | Capital University of Science & Technology      |
| Ice Breaking Spring 2023  | 09/03/2023 13:00 | COMSATS University Islamabad, RA24              |
| Women's Day Event   | 13/03/2023 10:00 | COMSATS University Islamabad, WIE               |
| Faith over Fear Session: Unlocking the Power of Tawaqul and Sabr                  | 13/04/2023 10:00 | COMSATS University Islamabad, WIE               |
| IEEE Day 2023   | 03/10/2023 12:45 | Pakistan Inst of Engineering & Applied Sciences |
| Celebrate IEEE Day 2023   | 29/09/2023 9:00  | Islamabad Section Affinity Group, WIE           |
| Teacher's Day- Celebrating world  | 05/10/2023 9:47  | Islamabad Section Affinity Group, WIE           |
| Meet and Greet with the Global WIE Chair at TENCON2023                            | 03/11/2023 9:00  | Islamabad Section Affinity Group, WIE           |
| Celebrate Iqbal Day   | 09/11/2023 8:00  | Islamabad Section Affinity Group, WIE           |
| Climate Change: Logo Voting Contest: Choose our Emblem of Change                  | 16/11/2023 8:55  | Islamabad Section Affinity Group, WIE           |
| Meet and Greet on Climate Change  | 17/11/2023 9:00  | Islamabad Section Affinity Group, WIE           |
| Meet and greet with IEEE WIE Morocco  | 17/11/2023 13:30 | Islamabad Section Affinity Group, WIE           |
| Meet and greet at IEEE WIE Regional Meet and Greet Event at IEEE WIECON-ECEĀ 2023 | 25/11/2023 13:45 | Islamabad Section Affinity Group, WIE           |

## PART C - OTHERS

### C.1 Special Events

- Please briefly describe the importance of special events and the outcomes achieved
- Funding secured from the IEEE and external sources including sponsorships

### 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 organized Pakistan Student/WIE/YP/Sight congress at COMSATS Islamabad in collaboration sections and sub-sections of Pakistan.
- 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 have also made several listserv mailing lists that help us communicate more effectively
- We made it compulsory for conference organizers to connect with a society chapter and should have student branch in university
- We use enotices to reach out to all members for all announcements
- Secretary is available to all members and interacts with most of them to ensure they are motivated.

#### **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**

- Information is provided in Section D.2

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

##### **Subsection:**

- 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:**

- Workshops and seminar series to equip IEEE members with latest technologies are planned and will be executed in this year

##### **Humanitarian:**

- Revamping of SIGHT Group to execute full fledged humanitarian

##### **Membership Development:**

- Membership development seminars are planned to improve membership statistics

##### **Educational Activities:**

- Several activities were conducted in 2023. In future we will be arranging more pre-university event for the school students

#### **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 main points