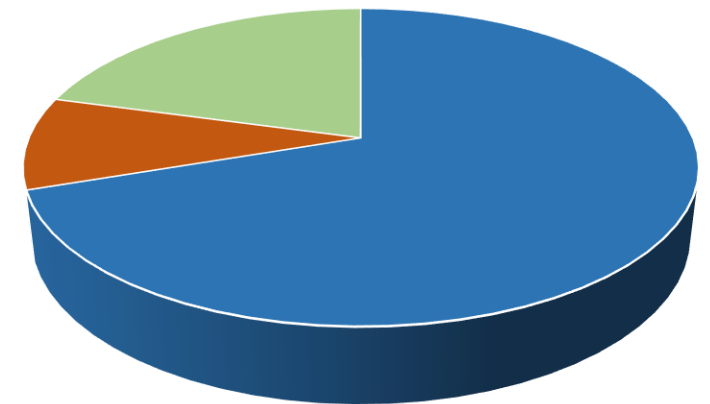


**Dr. Noshewan Shoaib, SMIEEE,
Chair IEEE MTT/APS/EMC Joint Chapter, Islamabad**

Introduction

- No technical chapter before 2016
- Pakistan's First & Only Joint Chapter in RF & Microwave Domain
 - Approved by IEEE Islamabad in May 2017
 - Approved by IEEE in Oct 2017
- Extended to IEEE EMC in Aug 2018
- > 50 Memberships as of Dec. 2019
- > 50 National/International Workshops/Seminars

Membership Chart
(as of Dec. 2019)



■ Regular Members ■ Student Members
■ Senior Members

IEEE International RF & Microwave Workshop (26-27 Nov '19)

Prof. Fan Yang (Tsinghua University, China), Prof. Matthias A. Hein (TU Ilmenau, Germany)
and Prof. Nuno Borges Carvalho (Universidade de Aveiro, Portugal)



Dr. Noshewan Shoaib (NUST-RIMMS)

Activities

IEEE Seminar on Development of Satellite-Terminal Antennas
(Dec '19)



IEEE Seminar on 5G for Internet of Things (IoT) Applications
(Dec '19)



Alumni Reunion
(Dec '19)



IEEE International Seminar on Automated & Connected Driving
(Nov '19)



**IEEE Seminar on GNSS Introduction and its Applications
in Automobile Industry (Sept '19)**



**IEEE EMC/I and RF Cable Characterization Workshop
(Aug '19)**



IEEE EMC/EMI Workshop (July '19)



**IEEE LaTeX Workshop
(May '19)**



IEEE EMC/EMI Workshop (Aug '18)



IEEE International Seminar on Nanoscale Healthcare Systems (Mar '19)



Outreach Talks

IEEE Chapter Outreach – UET Wah Campus (May '19)



IEEE Chapter Outreach – Riphah International University (May '19)



IEEE Chapter Outreach - Institute of Space Technology (Feb '19)



IEEE Chapter Outreach – UET Taxila (Apr '19)



IEEE Chapter Outreach – Air University (Apr '19)



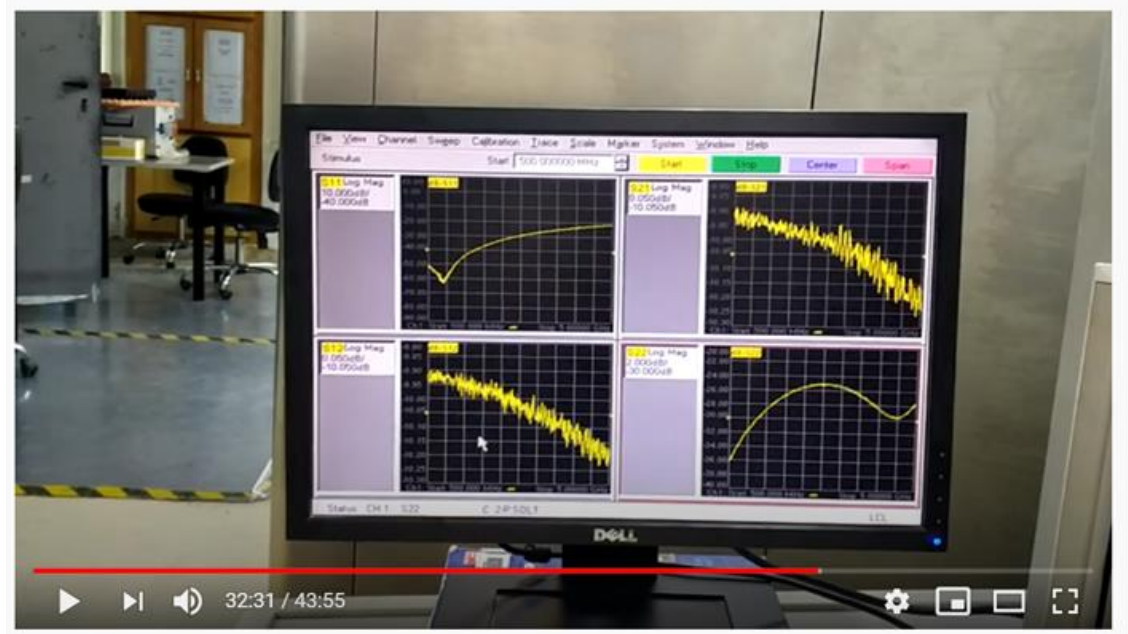
IEEE Chapter Outreach – HITEC University (Dec '18)



Online Education Initiatives



RIMMS-NUST



Lab Demo: Vector Network Analyzer VNA Calibration and Device Characterization



Antenna Test and Characterization using Anechoic Chamber.



Antenna Test and Characterization using Anechoic Chamber.

Webinar Series

S. No.	Speaker Name	Affiliation	Talk Title	Event Date
1	Dr. Muhammad Umar Khan	RIMMS-NUST, Pakistan	Antenna Design for 5G Systems at Sub-6 GHz and Millimeter-Wave Bands	22 nd June 2020
2	Dr. Rifaqat Hussain	King Fahd University of Petroleum and Minerals (KFUPM), Saudi Arabia	Reconfigurable MIMO Antenna Design – Recent Trends and Development	29 th June 2020
3	Dr Masood Ur Rehman	University of Glasgow, UK	Human Exposure to RF Fields	7 th July 2020
4	Dr Hasan Tahir Abbas	University of Glasgow, UK	Plasmonic enabled Super-resolution microscopy techniques	9 th July 2020
5	Prof. Mohammad S. Sharawi	Polytechnique Montréal, Montréal, Québec, Canada	Advances in Antenna Systems for Future Wireless Terminals	13 th July 2020
6	Dr. Goutam Chattopadhyay	NASA-Jet Propulsion Laboratory, California Institute of Technology, USA	Are We Alone? NASA Technologies to Find Life Beyond Earth and Answers to Other Science Questions	27 th July 2020
7	Dr. Symeon Nikolaou	Frederick University, Cyprus	RF Energy Harvesting Challenges	6 th Aug. 2020
8	Mr. Faisal Mubarak	National Metrology Institute – VSL, Netherlands	RF Instrumentation and Measurements	10 th Aug. 2020
9	Dr. Muhammad Zubair	Information Technology University (ITU), Lahore	Microwave and Optical Sensing for Breast Cancer Pre-screening	15 th Aug. 2020

Recognition

- 2020 IEEE APS
Outstanding Chapter
Award
- 2019 IEEE MTTs
Outstanding Chapter
Award
- 2019 IEEE EMC
Chapter Founder
Award



Future Plans

- Pakistan's first RF & Microwave Conference - 2021
- Chapter Expansion to other cities of Pakistan i.e., Karachi and Lahore
- Establishment of Student Chapters
- Online Education via Webinars and recorded Videos

STAY SAFE – STAY HEALTHY

THANK YOU

For further [information/proposal/collaboration](#), please contact:

Dr. Noshewan Shoaib

(email(s): noshewan.shoaib@rimms.nust.edu.pk; noshewan.shoaib@seecs.edu.pk)