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**Member BOG Higher Education Commission,**

**Distinguished National Professor,**

**Former Dean and Meritorious Professor (BPS 22),**

**Professor Emeritus,**

Faculty of Electrical, Electronics and Computer Engineering

Mehran University of Engineering & Technology,

Jamshoro, Pakistan

**Personal Profile**

At present he is the Professor Emeritus, Faculty of Electrical, Electronics, & Computer Engineering, and Advisor Mehran University of Engineering & Technology (MUET) Jamshoro. He has varied teaching and research experience of more than 3 decades in diversified fields such as Electronics, Telecommunication, Microprocessor Technology, Internet of Things, Telemedicine, Wireless sensor networks, ICT, Intelligent instrumentation etc. After completing his first degree in Electronic engineering discipline in 1983 with first class first position, he joined MUET as a faculty member. He did PhD in the field of Microprocessor Based Intelligent Instrumentation from the school of Electronics and Computer Science University of Southampton, UK in 1990. He rejoined the MUET after his PhD in 1990. In 1990 has was appointed as an Associate Professor, and in 1996, he was appointed as a full Professor. He also served as a Chairman Electronic Engineering from 1993 to 2011. In 2001, he became founding Chairman of Telecommunication Engineering in addition to his assignment as a Chairman Electronics department. In 2003, he pioneered Biomedical Engineering department and remained its founding Chairman. At some point of time he served as a Chairman of three departments viz-z-viz Electronics, Telecommunication and Biomedical engineering. In 2008, he was appointed as Director Institute of Information and Communication Technology (IICT) which he continued till 201. He served as a Dean, Faculty of Electrical, Electronics, & Computer Engineering from 2011 to 2018.

He has remained PhD examiner and expert to evaluate promotion applications for several European and Pakistani universities. He supervised/co-supervised 15 PhD’s and more than 50 MPhil/Master’s Thesis in the area of ICT. His list of research publication crosses to over 100 in national and international journals, IEEE and ACM proceedings. He also has credit of becoming one of the editor of books “*Wireless Networks, Information Processing and Systems”,* CCIS 20, and *“Emerging Trends and Applications in Information Communication Technologies”,* CCIS 281, and “Wireless Sensor Networks for Developing Countries”, CCIS 366 published by Springer Verlag, Germany in addition to more than dozen books published nationally. He is recipient of Higher Education Commission (HEC) University Best Teacher Award 2001 (Awarded by Federal Minister of Education) and National Cultural Award-2002 in recognition of achievements in the field of Engineering Profession (Awarded by Federal Minister of Culture, Tourism, Minorities affairs, 23 Sep 2002) and Presidential Highest Academic Distinction Award (Izaz-e-Fazeelat) in 2009 by President of Pakistan. In 2017 he has been awarded highly esteemed title of “Distinguished National Professor” of Pakistan.

Having vast international exposure as he remained Guest Scientist/Associate of the ICTP (under umbrella of UNESCO/UNU), Trieste Italy for Twelve (12) Years and three times European Union Erasmus Mundus Fellow. In the capacity of Guest Scientist/Associate, he visited the UNESCO/UNU ICTP, Trieste Italy for more than 18 months in 8 different intervals to attend international workshops and carry out research in Italian Labs. Under these Fellowships, he delivered Keynote lectures in Italy, England, Ireland, USA, France, Germany, Malaysia, China, Singapore, Pakistan, Spain, Cyprus, Norway, Bahrain, UAE, Thailand and Switzerland.

Overall he travelled to more than 40 countries to present his research papers, attended professional development trainings and meetings. He has been actively serving national and international professional and scientific bodies in various capacities including:

* Member BOG, Higher Education Commission (2018 – at present)
* Member, BOT Pakistan Science Foundation (2013-2016)
* Member Governing Body PEC (1999-2002, 2005-2008, 2012-2018),
* Member**,** University Syndicate (BOG of the MUET), 2011 - 2018**.**
* Chairman IEEE Communication Society (COMSOC), Karachi ChapterRegion10 Asia/Pacific, (2011-2015)
* Chair IEEE Karachi Section Region10 Asia/Pacific (2016-2018), 2020-at present
* Fellow IEP, Senior Member, Institute of Electrical & Electronic Engineers Inc. (USA),
* SENIOR Member, Association of Computer Machinery (ACM), USA,
* Member, IEEE Industrial Electrical Society,
* Member, IEEE Communication Society,
* Member, IEEE Society on Social Implications of Technology,
* Member, IEEE Education Society, Member IEEE Instrumentation & Measurement Society,
* Member, IEEE Technology and Engineering Management Society, Member IEEE Robotics and Automation Society,
* Member, IEEE Biometrics Council, Member IEEE Nanotechnology Council,
* Member, IEEE Sensors Council,
* Member, IEEE Systems Council,
* Member, The International Society for Telemedicine & e-Health (ISfTeH), Switzerland,
* Member, World Federation of Engineering Organization (WFEO), France (2004-2007)
* Member, International Association of Engineers (IAENG),
* Member, Engineering Accreditation Committee PEC, 1999-2018
* Reviewer, IEEE Transaction of Education, IEEE USA
* Expert reviewer, IGNITE (ICTR&D), PSF and various HEC reviewers/experts Committees,
* Honorary Consulting Editor, “Engineering Review” and “Wire and Wireless” Magazine.

Also he remained a Lead person for four European Commission Erasmus Mundus exchange programs “Mobility for Life”, “STRoNG-TiES” (Strengthening Training and Research through Networking and Globalisation of Teaching in Engineering Studies), INTACT (It's Time for CollaboratioNTowArds Close CooperaTion) and LEADERS (Leading mobility between Europe and Asia in Developing Engineering educations and ReSearch). Another five projects of EU International Credit Mobility got approved for fully funded staff motilities of one week and Masters/PhD students exchange motilities for 6 months. Under these 9 EU funded projects, more than 150 UG, PG, PHD students, faculty, staff from MUET availed fully funded scholarships from 3 months to 3 years. He also successfully embarked upon several Erasmus Plus staff and faculty mobility programs with University of Malaga, Spain, University of Politechnico Milano, Italy. Under this program, dozens of faculty and masters availed the fully funded exchange visit opportunities. He is also steering committee member of EU Erasmus Plus Capacity Building in Higher Education project named CENTRAL (Capacity building and ExchaNge towards attaining Technological Research and modernizing Academic Learning).

He organized series of flagship conferences IMTiC08, IMTiC12, IMTiC13, IMTiC15, IMTiC18 at MUET. In 2015, he co-organized two weeks ICTP/UNESCO Regional workshop on “FPGA Based Instrumentation Systems”, fully funded by the The Abdus Salam ICTP/UNESCO first time in Pakistan in which scientist from 27 regional countries were invited for participation. He co-organized first ever “Global Conference on Wireless and Optical communication” (GCWOC’16) at Univ of Malaga (UMA), Spain, Sep 05-07, 2016, GCWOC17 in Sep 2017, GCWOC’18 in Oct 2018 under the joint collaboration of MUET, UMA, Spain. The selected papers of the conference were published by Springer International Journal of Wireless Personal Communication and they have entrusted me the responsibility of its Lead guest editor.

His contribution continues and recently he became lead editor of book "IoT Architectures, Models, and Platforms for Smart City Applications”, published by well know publisher IGI Global USA. Also, he has been honored a position of Associate Editor of British Journal “Annals of Emerging Technologies in Computing (AETiC)”. He is also having one national patent “ A System of Secure Transmission of Physiological Data for Wireless Body Area Networks”