

Faculty Recognitions & Memberships

IEEE senior member grade recognizes “significant professional and technical accomplishment” and is conferred to less than 8% of the IEEE’s 400,000 members. Following are the worthy faculty members who have received this membership:

Dr. Muazzam A. Khan Khattak

Dr. Rafia Mumtaz

Dr. Saad Qaiser

Dr. Osman Hassan

Dr. Syed Ali Hassan

Dr. Awais M. Kamboh

Other Recognitions

Dr. Saad Bin Qaisar attained combined Impact Factor of 50 per 2017 JCR Thomson Reuters Impact Factor report making him one of the few distinguished engineering professionals of Pakistan to achieve this status.

Dr. Awais M. Kamboh, Director of Analog Mixed Signal Research Group and Neuro-Informatics Lab has been elevated to IEEE Senior Member on March 1, 2017.

Dr. Syed Ali Hassan, Director Information Processing and Transmissions Lab (IPT) has been elevated to IEEE Senior Member on March 1, 2017.

Dr. Seemab Latif has secured funding of RS 6.935 M from HEC under TDF Program in July 2017.

Dr. Osman Hasan attended the 42nd Islamic Development Bank’s (IDB’s) Annual Meeting from May 12 to May 20th May, 2017 in Jeddah, KSA and presented the SEECs project SmartSIM at the Innovation Exhibition.

Dr. Osman Hasan visited Center of Embedded Systems (CES), KIT Germany to conclude a joint research project entitled “Formal Verification of Distributed Thermal and Resource Management Schemes for On-Chip Many-Core Systems” that is funded from DAAD, Germany in the last week of December 2016 for three days.

Dr. Hassaan Khaliq Qureshi received a Scholarship from Erasmus Mundus INTACT Project. He has joined back SEECs after receiving a post-doctoral fellowship from the European Union Erasmus Mundus INTACT project for duration of 6 months with placement at Frederick University, Cyprus.

Dr. Latif Anjum and Dr. Osman Hasan (PI and Co-PI respectively)

Research proposal titled “Developing an Efficient and Robust SLAM Algorithm for Indoor and Outdoor Mobile Robots” has been approved for funding through HEC’s National Research Program for Universities (NRPU). The funding of the project is 4.70M, which covers the permanent equipment, HR and administrative cost.

Dr. Ali Tahir and his team has developed 1st Urdu voice navigation system in collaboration with TPL Trakker Pvt Ltd. TPL Maps, Pakistan's first digital mapping solution, has entered into an agreement with the NUST-SEECS to introduce the country's first speech-based navigation system

Dr. Ammar Hassan After the efficiency analysis of fans manufactured in Pakistan, the team lead by Dr. Ammar Hassan established that most of the existing designs are inefficient and do not meet the industrial standards. This substandard efficiency increases the load on national grid and add to the utility bills of the consumer. This team has designed new fan motors for the manufactures in Pakistan, mostly located in Gujrat. These motors are PS1 compliant and meet the highest international BEEE standards with reduced power consumption and upto 40% more efficient.

Dr. Ahmad Salman has been awarded two IGNITE (former National ICT R&D Fund) funded projects. First project titled "Object detection and categorisation using deep neural learning" is worth PKR 7.9 Million while the other project titled "Content-based indexing and retrieval of videos" is worth PKR 10.3 Million and will be carried out as collaborator with Behria University Islamabad.

Dr. Syed Ali Hassan and Dr. Hammad Mehmood Cheema have been included to the "Directory of Productive Scientists of Pakistan" for the year 2016 in the category of Engineering Sciences.

Dr. Saad Bin Qaisar gave an invited talk at 29th South Asia Network Operators Group Conference on 24th January, 2017. Dr. Salman Abdul Ghafoor and Mr. Waheed Murad Afridi won the award and stood second among 50 Universities and 14000 participants in IEEE Xplore Challenge for Researchers in Pakistan. They received award of IPAD from Dr. Mukhtar Ahmed, Chairman HEC.

Dr. Ibrar Hussain has been selected as "Abel Visiting Scholar" at the School of Mathematics, University of Minnesota, USA by the International Mathematical Union.

Prizes and Awards

Dr. Hammad Cheema from the Electrical Engineering Department was awarded Best Teacher Award for year 2015-16 at the UG Convocation held on 29th December 2016. He has been associated with NUST-SEECS since 2010 and is also serving as HoD RIMMS since 2015.

Dr. Syed Ali Hassan received the Best Researcher Award for the year 2015-16. He is also a recipient of 'Research Productivity Award' from Ministry of Science and Technology, Government of Pakistan and is a (co) author of about 100 publications in international conferences and journals. He is the director of Information Processing and Transmissions Lab at NUST-SEECS where he has graduated more than 20 students with MS Theses and currently involved in cutting edge research in Wireless Communications with a team of MS and PhD students.

Dr. Saad Bin Qaisar was awarded Certificate of Appreciation by IEEE's premier publication, IEEE Access Journal

Dr. Sharifullah Khan The Higher Education Commission (HEC) on 27th December 2016 awarded 47 university teachers for their overall performance as best teachers. The awardees were selected from universities across the country based on their performance and after fulfilling a merit-based evaluation and nomination criteria. HEC presented the teachers with certificates and souvenirs and Rs100,000 cash awards. Dr. Sharifullah Khan from NUST-SEECS was also among the awardees of Best University Teacher award 2015.