Afaq Ahmad

Professor, Department of Electrical and Computer Engineering
College of Engineering, Sultan Qaboos University
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Education

PhD; Computer Engineering; Indian Institute of Technology IIT Roorkee, India; Nov. 1990;
PG Diploma; Industrial Organization & Management; Aligarh Muslim University (AMU) – India; 1980;
MSc Eng.; Electronics Engineering; Aligarh Muslim University (AMU) – India; 1977;
BSc Eng.; Electrical Engineering; Aligarh Muslim University (AMU) – India; 1974;

Academic Experience

Sultan Qaboos University, Oman; Full Professor; 2015 - Till date; Full Time
Sultan Qaboos University, Oman; Associate Professor; 2001 - 2015; Full Time
Sultan Qaboos University, Oman; Assistant Professor; 1998 - 2001; Full Time
Sultan Qaboos University, Oman; Lecturer; 1992 - 1998; Full Time
Aligarh Muslim University, India; Associate Professor; 1988 - 1992; Full Time
Aligarh Muslim University, India; Lecturer; 1980 - 1988; Full Time
Regional Engineering College, Srinagar, India; Lecturer; 1977-1977; Full Time

Non-Academic Experience

Council of Scientific & Industrial Research of India; Senior Research Fellow; 1977 - 1980; Full Time
Light & Co (Equipment's & Accessories) Private Limited, India; Consultant Engineer; 1976 - 1977; Full Time
Council of Scientific & Industrial Research of India; Junior Research Fellow; 1974 - 1976; Full Time

Certifications or Professional Registrations

Institution of Electronics and Telecommunication Engineers of India
Oman Academic Accreditation Authority

Current Membership in Professional Organizations

Senior Member in Institution of Electrical and Electronics Engineers (IEEE)
Life Fellow Member in Institute of Electronics and Telecommunication Engineers (IETE)
Life Member in System Society of India (SSI)
Life Member with Indian Society of Industrial and Applied Mathematics (ISIAM)Senior Member of International Association of Computer Science and Information Technology (IACSIT)
Fellow Member of Universal Association of Computer and Electronics Engineers(UACEE), IRED

Honors and Awards

S K Mitra Memorial Research Award, Quality Improvement Program (QIP) Fellow-Ship Award, Ministry

of Human ,Resources and Development (MHRD), Government of India
Senior Fellow-Ship Award, Council of Scientific and Industrial Research (CSIR) Government of India
Junior Fellow-Ship Award, University Grants Commission (UGC) of Government of India
Student-Ship Award, Aligarh Muslim University, India

Service Activities
ABET Steering Committee, College of Science (CS Dept.), 2013-2017,
Promotion Committee Member, at Various Departments and Colleges, Serving Member ABET
Committee, College of Engineering, Serving Assistant Head of ECE department, 2007- 2015
Acting Dean and Acting Assistant Deans; Students & Academic Affairs, Industrial Training & Alumni
and Postgraduate Studies & Research, College of Engineering, Acting Head of departments
Assistant Dean Students Welfare & other administrative jobs at AMU, India

Selected Publications
1- S. K. Pullayikodi , N. Tarhuni, A. Ahmad, F. Bait Shiginah, "Performance Evaluation of OFDM Based Watermarking Robust to Multipath Spatial Shifts," International Journal of Computing and Digital Systems (Int. J. Com. Dig. Sys.), vol. 7, no. 1, pp. 51-58, 2018
2- A. Ahmad, A. H. Al-Habsi, "Design of a Built-in Multi-mode ICs Tester with Higher Testability Features- A Most Suitable Testing Tool for BIST Environment", Reprint: Taylor & Francis, pp. 283-288, 2015
3- Ahmad, A. and Al-Maashri, A., (2014), "On Sequence Lengths of Some Special External Exclusive OR Type LFSR Structures - Study and Analysis" The Journal of Engineering Research (TJER), vol. 11, no. 2, pp.1–13, 2014
4- Ahmad, A. M. Elabdalla, "An efficient method to determine linear feedback connections in shift registers that generate maximal length pseudo-random up and down binary sequences", Computer & Electrical Engineering, vol. 23, no. 1, pp. 33-39, 1997
5- A. Ahmad, N.K. Nanda, K. Garg, "Are primitive polynomials always best in signature analysis?", IEEE design & Test of Computers, vol.7, no.4, pp. 36 – 38,1990

Professional Development Activities
 Keynote and Invited Speaker
ICTUS'2017-IEEE Conference Record Number 42058 , Dec. 18-20, 2017, Dubai
TRC Workshop on Digital Image Processing, Feb. 10-12, 2014, Oman
Attended Workshops
Critical Thinking Skills for the 21st Century, May 16, 2017, Oman
Latest Telecom Technologies, Huawei-TRA, May 3, 2017, Oman
Alternative Instructional Strategies, May 16, 2017, Oman
Software Reliability Engineering, March 29, Oman
 Introduction to Conceiving-Designing-Implementing-Operating (CDIO) Initiative
May 17-19, 2016, Oman