Teaching and Academic Education History
For
Abdul Rasheed Qureshi

- ## Teaching Experience

  Taught courses at undergraduate and graduate level in Electronics, Communication, Computer Science, Mathematics and Information System areas.

  1. ***Department of Electronics and Communication Engineering, University of Bahrain, Bahrain; 1989 – 1995***

     ***Courses Taught*:**

     EE101 Electrical Circuit I
     EE102 Electrical Circuit II
     EE108 Electrical Circuits for Mechanical Students
     EE109 Electrical Circuits for Chemical Students
     EE152 Introduction to Digital Design
     EE156 Digital Electronics I
     EE158 Electronics I
     EE234 Microprocessor for Measurement and Control
     EE251 Communication System I
     EE252 Communication System II
     EE245 Radio and Television Systems
     EE256 Data Communication
     EE 257 Digital Electronics II
     EE260 Microprocessor System
     EE271 Communication I
     EE369 Electronics
     EE445 Digital Systems
     EE Electronic Circuit Design

     - Co-coordinator for digital and microprocessor laboratories.
     - Advising responsibilities for Under-graduate and Graduate students.

  2. ***P.E.C.H.S Girls College, Pakistan; 1987 – 1988***

     Courses Taught:

     Mathematics I
     Mathematics II

  3. ***Institute of Cost and Management Accountants of Pakistan, Pakistan; 1986-1988***

     Courses Taught:

     Quantitative Techniques
     Production Technology and Management
     Management Information System
     Data Processing

  4. ***University of Phoenix (Online), USA; 2002 – 2004***

     Courses Taught:

     MTH208 College Algebra I
     MTH209 College Algebra II

- ## Academic Education

1. ***Master of Science (M.S.) in Applied Mathematics, University of Karachi, Pakistan; 1975.***
   Courses Taken:
   Classical Dynamics, Hydro Dynamics, Electricity & Magnetism, Statistical Techniques, Fourier & Boundary Value Problems, Real & Complex Analysis, Differential Geometry, Statistics, Dynamics, and Topology

2. ***Bachelor of Science (B.S.) in Electronics and Communication Engineering, The Polytechnic of North London, London, England; 1978.***
   Courses Taken:
   Mathematics I&II, Electrical Engineering Principles I,II&III, Electronic Engineering I,II&III, Mechanical Engineering Principles, Physics and Properties of Materials, Communication Engineering I&II, Analogue and Digital Communications, Acoustic Engineering, Microwave and Radar Engineering, Manufacturing Processes, Production Engineering, Engineering Drawing, General Studies, Laboratory I&II, and Project I&II

   Project:
   Project 1: "*To fabricate thin film."*
   Project II: "To find Complex Permittivity for Polyethylene using Von Hipple Method at Microwave Frequency."

3. ***Postgraduate Diploma in Electronics (Major: Digital Communication), University of Kent at Canterbury, Kent, United Kingdom; 1981.***
   Courses Taken:
   Information Theory
   Error Control Theory
   Digital Communication
   Electronics
   Communication system
   Project:
   "Simulation of Soft Decision Decoder for Golay Code (23,12) using M6800 assembly language."

4. ***Master of Science in Engineering (M.S.E), Major: Computer & Communication Systems, Loyola Marymount University, Los Angeles, CA, USA; 1985***
   Courses Taken:
   EE531 Linear Systems
   EE583 Finite State Machine
   EE622 Statistical Communication Theory
   EE625 Digital Signal Processing
   EE626 Satellite Communication
   EE652 Digital electronics
   EE682 Arithmetic Processors
   EE684 I/O Devices and Systems
   Comprehensive Exam (Open and Closed Book)

5. ***Northeastern University, Boston, MA; 1996***
   Courses Taken:
   ECE3331 Analogue Integrated Circuits
   ECE3395 VLSI Design
   ECE3511 Data Communication Network

6. ***Master Certificate in Program Management, George Washington University, Washington; 2002***
   Courses Taken:
   Managing Project in Organization
   Project Leadership Management and Communication Control
   Quality for Project Managers
   Scheduling and Cost Control
   Risk Management
   Contracting for Project Managers
   Financial Management for Project Managers

7. ***University of Alabama in Huntsville, Huntsville, Alabama, USA; 2001 – Present***
   Courses Taken:
   EE500 Random Signals and Noise
   EE506 Communication Theory
   EE522 Advanced Logic Design
   EE618 VLSI Circuits
   PH542 Physical Optics
   PH546 Radiometry, Detectors & Sources
   PH645 Lasers
   PH541 Geometrical Optics
   OSE653 Optical Testing Lab
   OSE645 Optical Testing