

Anjana Prasad

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Working as an instructor at Al Faisal University, Riyadh for the past 3 years. Over six years of experience as Lecturer / Instructor in reputed Universities. During this period, I got opportunities to instruct/assist various courses related to Electrical, Electronics and Computer Engineering and worked with several experts in the corresponding domain.

EDUCATIONAL QUALIFICATION

- **Masters (M.E) in Applied Electronics (2005-2007)**
Anna University, India
- **Bachelor of Technology (B. Tech) in Electronics and Communication (2001-2005)**
Cochin University of Science and Technology (CUSAT), India

ACADEMIC EXPERIENCE

1. Instructor, Electrical Engineering
Al Faisal University, College of Engineering.
Duration: October 2015 – till date

Working as an instructor in College of Engineering, Al Faisal University.
Instructed several labs sessions and assisted several courses including:

- Foundation of Electrical Engineering
- Computer Architecture
- Computer Networks
- Digital Communication
- Introduction to Electronics
- Microelectronics
- Digital Electronics
- Communication Systems

2. Adjunct Instructor, Electrical Engineering
Al Faisal University, College of Engineering.
Duration: September 2013 – January 2014 (4 months)

Worked as an Adjunct instructor at College of Engineering, Al Faisal University
Instructed the following labs:

- Computer Architecture MIPS using MARS software
- Foundation of Electrical Engineering
- Computer Networks

3. Lecturer, Electronics and Communication Engineering
Kerala University, Kerala, India
Duration: July 2007 – December 2010, December 2012 – May 2013 (3 years 10 months)

Worked as a Lecturer in one of the Engineering college under the University of Kerala, India.
Taught and handled labs for several subjects including:

- Digital electronics

- Microprocessors
- Basic Electronics
- Analog integrated circuits
- Advanced communication
- Analog communication
- Communication lab
- Electronics circuits lab

ACADEMIC PROJECTS

Undergraduate

- Programmable Electronic bell system
- Optical wireless LAN using holographic optical element.

Postgraduate

- Simulation of circuit level parameters of photo MISFET for OEIC receiver design

CERTIFICATIONS

- Embedded C programming with microcontroller – June 2005
- Short term course on **Software tools in Electronics**, sponsored by Technical Education Quality Improvement Program (TEQIP) – August 2008

ACTIVITIES AND WORKSHOPS

- Saudi International Exhibition & Conference for Internet of Things (IoT)
- Workshop on Big Data Analytics at IEEE Conference, Kerala, India
- Workshop on step by step course file, QAA, Al Faisal University
- 3rd RTC Engineering research forum, Prince Sultan University, Riyadh
- Workshop on planning and implementation of self-study for programmatic accreditation, Al Faisal University, Riyadh

PUBLICATIONS

- Organic polymers for new generation electronic devices in Sajosps
<http://www.sajospsindia.com/>
- The big bang experiment:
<http://sites.google.com/site/drkeshavmohan/the-big-bang---after>

SEMINARS

- Organic Field Effect Transistors (OFET) – Undergraduate
- Carbon Chip – ECE Department – Kerala University

PROFESSIONAL AFFILIATION

- Member of IEEE
- Life member, Indian Society of Technical Education (ISTE)
- Member, FICUS India, (<http://ficusindia.com/>), an organization fighting against global warming.

COMMITTEES ASSOCIATED

Al Faisal University:

Student Affairs committee – College of Engineering/ EE Department
Library, Teaching and Learning Committee – College of Engineering/ EE Department
Activities committee – College of Engineering / EE Department
QAA Adhoc committee – College of Engineering
Laboratories and Facilities – College of Engineering / EE Department
Quality Assurance and Accreditation Committee – College of Engineering

Kerala University:

Electronic Technical Association (ETA) – ECE Department
Curriculum Committee – ECE Department
Member of staff development program organization committee – ECE Department

TECHNICAL EXPOSURE

- Operating system: Windows, Mac OSX
- MARS Software, Wireshark
- Programming language: C, MATLAB
- Simulation softwares: LTSpice, Multisim, Logisim
- Hardware knowledge: Microprocessor, Microcontroller, NI ELVIS kit, EMONA kit, Arduino