

Ummay Faseeha

Profile and Achievements

Academic professional with strong skills and over ten year experience in teaching various subjects in the field of electronics, electrical, computer and communication. Successfully managed additional responsibilities such as: academic coordinator, student advisor, project supervisor and evaluator.

Supervise various **IGNITE and ORIC funded projects**, such as:

- Brain controlled wheelchair
- Smart Agriculture
- Healing with Kinect
- Automated Gloves for Blind mobility
- Autonomous Car
- Smart City modules i.e. Secure Entrance, Smart Shopping and Indoor locationing
- Drone for finding trapped people in debris

Professional Experience

Jinnah University for Women

Assistant Professor: from December 2016 to date

Lecturer from September 2012 to December 2016

- Taught various subject at under graduate level and conducted relevant laboratory work.
- Prepared learning material for class works and laboratory manuals for various course.
- Assessing students course work through test, quizzes, viva and final examination.
- Involved in the set-up of examinations and the marking of results.
- Supervise various hardware based final year project.

Administrative Responsibilities:

- Program Coordinator

Specialized Course

- Electronics
- Digital Logic Design
- Computer Architecture and Organization
- Embedded Systems
- Wireless Network

Aligarh Institute of Technology

Instructor from November 2007 to June 2011

- Involved in conducting classes, exams, labs / practical work of various DAE level

subjects.

- Assessing student performance during the classes and at final examination.
- Participated in organization of project exhibitions and IT fairs.
- Actively involved in admissions, interviewing / selecting potential students.
- Managed students by providing guidance and feedback to strengthen their skills and knowledge base.

Specialized Course

- Digital Electronics
- pulse and digital circuits
- Measurement & Instrumentation
- Electrical Essentials & Networks
- Electronic Circuit Analysis
- Microprocessor and Microcontroller

S.M. Science Govt. College
Co-Operative Lecturer (Jan-June, 2007)

- Taught introduction to computer and information technology.

EDUCATION

Master of Engineering (Telecommunication) Hamdard University, Karachi	2015
Bachelor of Engineering (Electronics) Hamdard University, Karachi	2006
Higher Secondary School Certificate	2002
Secondary School Certificate	2000

KEY COMPETENCIES

- Communication
- Mentoring
- Target setting
- Projects

COMPUTER SKILLS

- Operating System : Microsoft Windows
- Engineering Softwares: MATLAB, EWB, Microsoft Visio, AutoCAD
- Packages : Microsoft Office (Word , Excel and PowerPoint)

REFERENCES

- Available on request