

Mansoor Ahmad

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PROFILE

Currently, I am a Graduate student at Sabanci University in Electronics Engineering. Prior to that I received my Bachelor's Degree from Dawood University of Engineering and Technology, Karachi Pakistan in Electronics Engineering. I am working with Acoustics Research Group. Our focus is on Transducers with its applications in micro-fluidics.

EDUCATION

Sabanci University Istanbul, Turkey

- *PhD in Electronics Engineering.* In progress

- ❖ **Courses studied:**

Semiconductor Process Technology, Nano-Optics, Engineering optimization, Numerical Methods, Machine Learning, Random Processes, Biomedical Instrumentation, Theory of Acoustic Devices, advanced motion control systems.

Research Area: Acoustic Devices with its applications in microfluidics.

Dawood University of Engineering and Technology

Karachi, Pakistan

- *Bachelor of Engineering in Electronics Engineering* 2008 – 2012

- ❖ **CGPA:** 3.9/4.

- ❖ **Courses studied:**

Control Systems, Signals and Systems, LASER and fiber Optics, Digital Signal processing, communication systems etc.

Government College Peshawar

Peshawar, Pakistan

- *Higher Secondary School Certificate* 2005 - 2007

EXPERIENCE

PhD student.

Acoustics Research Group, Sabanci University.

- ❖ Looking at different possible applications of Acoustic Devices in Microfluidics.

Internee.

The General Tyre and rubber Company, Karachi Pakistan

Jan – Feb, 2011

- Worked in Instrumentation Department and PLC control room

PERSONAL SKILLS

JOB RELATED TOOLS

- ❖ MATLAB, Intermediate user.
- ❖ COMSOL, Intermediate user.
- ❖ PSpice
- ❖ LaTeX
- ❖ Ladder Logic.

CERTIFICATIONS

- PLC Training Certificate from National Institute of Design and Analysis, Peshawar
- Specialized Course on PLC from Universal Engineering Services, Karachi.

ORGANIZATIONAL AND MANAGERAL SKILLS

- Organized and conducted five days workshop on PLC Fundamentals at Dawood University.
- Remained vice-captain of the Cricket Team in the School and member of Department Cricket Team in University.

HONOURS / MEMBERSHIPS

- Throughout A Graded in Educational Career.
- Member of Pakistan Engineering Council.

LANGUAGES

- ❖ English Read/ Write / Speak
- ❖ Urdu Read/ Write / Speak
- ❖ Pashto Native