

CURRICULUM VITAE

AUNSA SHAH

PERSONAL INFORMATION

Name Aunsa Shah
Date of birth 16-11-1992
Postal Address *office*
Department of Electronics Engineering, Faculty of Engineering and Technology, Jamshoro-76080, University of Sindh, Pakistan.

Home
H#47 Street 3, defence phase 2 Hyderabad-71000, Sindh, Pakistan.

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EDUCATION

Jan. 2024-Dec-2027 **PhD (In progress)**
Electronic Engineering
Mehran University of Engineering and Technology, Jamshoro, Sindh

Mar. 2016–May. 2018 **Master of Engineering (M.E.) Electronic systems Engineering**
3.73 CGPA (1st division)
Mehran university of Engineering and Technology

Jan. 2012–Dec. 2015 **Bachelor of Engineering (B. Engg.) in Electronic Engineering**
75.75% (1st division)
Mehran University of Engineering and Technology, Jamshoro, Sindh

WORK&EXPERIENCE

Jan 2020 to Present **Lecturer**
Department of Electronics Engineering,
Faculty of Engineering and Technology
University of Sindh Jamshoro.

RESEARCH INTERESTS

My current research interests touch the following themes: signal/image processing along with machine learning for health applications; Embedded Systems.

TECHNICAL SKILLS

Simulation and Modeling

- Matlab and Simulink
- LabVIEW and various toolkits
- Proteus
- LTSpice
- Multisim
- VMLab for AVR Microcontrollers

AWARDS& ACHIEVEMENTS

Oct. 2017 - feb. 2018

Fully funded Mevlana Exchange Scholarship by Turkish Higher education Council to pursue one semester Exchange in department Electric and Electronic Engineering at the Selcuk university, konya Turkey. The scholarship covered tuition fees, a monthly stipend as well as air travel.

PROFESSIONAL ACTIVITIES & MEMBERSHIPS

Dec 2020 to present

Registered Engineer, Pakistan Engineering Council

PUBLICATIONS

Journal

- ✓ M. Ahmer, Aunsa Shah et al., "Using Non-Linear Support Vector Machines for Detection of Activities of Daily Living," *Indian J. Sci. Technol.*, vol. 10, no. 36, pp. 1–8, 2017
- ✓ A. Shah, S. Ozşen, and A. Shah, "Detecting beats in the ECG: A comparison of time domain and morphological features using Support Vector Machines and MultiLayer Perceptron," *International Journal of Engineering and Applied Sciences*, vol. 5, no. 1, pp. 257303, 2019.
- ✓ Z. S. Syed, M. Z. A. S. Syed, M. S. S. Syed, and A. Shah, "Sequential modeling for the recognition of activities in logistics," *Sukkur IBA Journal of Emerging Technologies*, vol. 4, no. 1, pp. 12–21, 2021.

CONFERENCES, WORKSHOPS AND TRAININGS

- ✓ Participated in IEEE Dialogue 2016, held at Mehran University Of Engineering And Technology
- ✓ Organizer in 4th international Multi-Topic Conference, 2015
- ✓ Attended Erasmus+ seminar, 2015
- ✓ Volunteer at the Big event Pakistan, 2015 held at Mehran University Of Engineering And

Technology

- ✓ Organizer on MUET Gala, 2015
- ✓ Volunteer in 29th IEEEEP All Pakistan Students' seminar, 2014
- ✓ Participated in 2-day open stack workshop 2014, held at Mehran University Of Engineering And Technology
- ✓ Organizer at Synergy'14, held at Mehran University Of Engineering And Technology
- ✓ Volunteer in IEEE Explosion'14, held at Mehran University Of Engineering And Technology
- ✓ Volunteer in the Final Year Project Exhibition 2014 held at the Department of Electronics Engineering, Mehran University of Engineering and Technology
- ✓ Participated in Mehran Techno-Wizard Convention 2013, held at Mehran University Of Engineering And Technology
- ✓ Attended Seminar on Smart Grid and its Applications 2013, held at Mehran University Of Engineering And Technology
- ✓ Attended 1 hour Training Session on incorporating IEEE Xplore resources into your teaching: A dedicated session for lectures, 2025
- ✓ Attended 1 hour training Session on publishing in open Access with IEEE journals, 2025
- ✓ Participated in 1day CPD webinar on Modeling water in context of Pakistan Head Catchments, 2025
- ✓ Participated in 1day CPD webinar on Development of pumped Storage Hydropower in the current scenario of Pakistan, 2025

LANGUAGES

Fluent in English, Sindhi and Urdu.

EXTRACURRICULAR ACTIVITIES

Cycling, Volunteer work, Reading, Travelling