

Sania Yasmeen (Biomedical Engineer)

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CAREER OBJECTIVE

To obtain a suitable position as an engineer with a reputed organization where I can utilize my education, interest and passion for student development combined with skills that will enable me to make a significant contribution at that institution. My personality is a mixture of convivial and a compassionate nature. My industriousness has always helped me maintain an excellent academic record.

EDUCATION

2021 – 2023	MS in biomedical engineering NUST (H-12 sector), Islamabad	3.60 / 4.00
2017 – 2021	Bachelor of Biomedical Engineering (Honors) Biomedical Engineering Center, UET Lahore, Kala Shah Kaku	3.61 / 4.00
2014 – 2017	F.Sc (Pre-Medical and Pre-Engineering) Fazaia Inter College, Minhas Airbase, Kamra, Attock, Punjab	85% (A ⁺ Grade)
2012 – 2013	Matriculation (Science) Fazaia Inter College, Minhas Airbase, Kamra, Attock, Punjab	92 % (A ⁺ Grade)

WORK EXPERIENCE

Nov 2023- Nov 2024	Lecturer Biomedical Department, University of Poonch, Rawlakot
Sep 2020	Intern Biomedical Department, Total Technologies (pvt) Ltd, Lahore
July 2019- August 2019	Intern Biomedical Department, Shifa International Hospital, Islamabad

ACADEMIC PROJECTS

- Quantification of Muscle Co-contraction for Ankle Rehabilitation by Variational Mode Decomposition using surface electromyography. **MS**
- Arduino based Biometric Attendance System **MS**
- FYP on Preparation & Characterizations of Bioactive coating on metallic implants **BS (8th Semester)**
- Design and Assembly of an Arduino Based Security Project that could detect, capture image and switch Light ON **BS (5th Semester)**
- Design & assembly of Visually Impaired Stick **BS (5th Semester)**
- Design and Assembly of an Electric Bell and Power Supply **BS (3rd Semester)**
- Processing and Finishing of a Metallic Workpiece **BS (3rd Semester)**

HONOURS & ACHIEVEMENTS

- Generative AI Application Developer Certificate | Top performer, Pakistan Engineering Council 2025
- Best Director Certificate | Director of Décor, ASME UET Orientation 2020
- Certificate of basic life support-oriented course conducted by Punjab Emergency service rescue 1122 2019
- Best Performance Award | Director, EMBS Annual Awards Ceremony 2019
- Certificate of Appreciation | Director, Blood Donor Society 2018

PERSONAL SKILLS

- Team work spirit
- Effective communication
- Target setting

Tools and Techniques: MATLAB, Proteus Design Suite, Textpad, Microsoft Office, LabVIEW, Arduino, Fusion 360

EDUCATIONAL TRIPS

- Thematic Session on Biomedical Materials, Pak-China Business Forum, Expo Center, Lahore, 2018
- Khewra Salt Mine, Jhelum, 2018
- Pakistan Aeronautical Complex, Minhas Airbase, Kamra, Attock, 2015

Languages: English, Urdu, Punjabi, Chinese

REFERENCE

Dr Nida Iqbal
Associate Professor
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