



JAMSHAI D AHMED KAKAR

Quetta, Pakistan
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EDUCATION

Matric, BBISEQ

1st Division| Quetta, Pakistan |
2013-2015

Intermediate, BBISEQ

1st Division| Quetta, Pakistan |
2017 - 2019

DAE, GCT Quetta

1st Division| Quetta, Pakistan
2016-2019

Bachelor of Arts (BA) UOB

1st Division| Quetta, Pakistan|2022

Bachelor of Science BS BUITEMS

CGPA| 3.0/4| Quetta, Pakistan
2019-2023

WORK EXPERIENCE

Job-Description.

Course inspector Suffa school and college (Mar 2022 - Feb 2023)

I worked as a course inspector officer with suffa school and college Balochistan.

Key responsibilities:

- Making survey forms
- Analyzing data
- Making reports

Fellow with Pakistan cables industries Innovation Lab (Nov 2021 - Mar 2022)

Key responsibilities:

- Making and understanding the SLD.
- Designing structure of Nori Abad development Authority.

Social worker with Connect the Disconnected (2021-2022)

Key responsibilities:

- Making and understanding the people in the rural areas about their children's future.
- Designing the road map structure to the Access of the people to get their rights.

PROJECTS

- School Management System for ASAD IT and School, Naval colony Baldia town Karachi
- Digital clock and Distance indicator Mini prototype projects BUITEMS Quetta.
- 6-weeks Winter Internship Quetta Electric Supply Company

RESEARCH EXPERIENCE

DAE Electrical Project and report

Research and design of a Wind power generation plant a concept of energy generation in the coastal areas of Baluchistan and northern areas, the proposal gives the Accurate satisfaction in the future energy sources.

Bachelor's thesis

Research and Designing of Nanoparticles Methane GAS Detection sensor and the Human Safety Circuit and Automatic valve closing mechanism. The results achieved an accuracy of 94%

CONFERENCES/WORKSHOPS

- Attended Conference on "2nd IEEE ICE CUBE CONFERENCE" organized at BUITEMS, Quetta from 6th September 2021.
- Participated in 4th International Conference on Computing, Mathematics and Engineering Technologies (iCoMET) on 18 March 2023
- Attended the 5th National Conference on Impactful FYP Ideas in Engineering and technologies 15 May 2023.

ONLINE COURSES

- Front-End Web UI Frameworks and Tools by Hong Kong University of Science and Technology, offered via Coursera.
- Digital Marketing by Virtual University, offered via Digi skills.
- Freelancing by Virtual University, offered via Digi skills.
- Different Electrical Machines Designed via teams Engineers corner.

Languages and skills

English, Pashto, Urdu.

RESEARCH INTERESTS

Electrical Engineering Energy sources, Artificial Intelligence, Computer proficiency.

SKILLS

Academic skills

Experimental research, literature reviews, comparative studies, academic writing, technical writing, data analysis

Software skills

- MS Office suite
- LATEX
- Microsoft Visio
- Operating Systems
- MATLAB
- ETAP & Proteus

Programming skills

- Python, C++
- HTML, CSS, JavaScript