





# JAMSHAI D AHMED KAKAR

Quetta, Pakistan  
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## EDUCATION

### Matric, BBISEQ

1st Division| Quetta, Pakistan |  
2013-2015

### DAE, GCT Quetta

1st Division| Quetta, Pakistan  
2016-2019

### Bachelor of Arts (BA) UOB

1st Division| Quetta, Pakistan|2022

### Bachelor of Science BS BUIITEMS

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

## SKILLS

### Academic skills

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

### Software skills

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

### Programming skills

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

### Critical Thinking

Using logic and reasoning to identify and assess alternative solutions.

### Complex problem solving

Identifying complex problems, evaluating information, and implementing solutions.

### Others

Project management, good communication, and leadership.

## RESEARCH INTERESTS

Electrical Engineering Energy sources, Artificial Intelligence, Computer proficiency.

## WORK EXPERIENCE

### 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
- Collecting data
- Analyzing data
- Making reports

### A fellow with Pakistan cables industries Innovation Lab (Nov 2021 - Mar 2021)

Key responsibilities:

- Making and understanding the SLD.
- Designing structure of noori 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 the people to get their rights.

## PROJECTS

- **School Management System for ASAD IT and School, Naval colony baldie town Karachi**
- **Digital clock and Distance indicator Mini prototype project BUIITEMS Quetta.**

## 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, 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 BUIITEMS, Quetta from 6<sup>th</sup> 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 (proficient)
- Urdu (proficient)
- Pashto (proficient)