

SADIA SHAH

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PROFILE

Masters in Technology in Power system from Regional Institute of management and technology (RIMT), Chandigarh having passed with a Distinction. With my graduation in the field of Electrical Engineering, the amalgamated knowledge of Electrical engineering gives me an in-depth insight into the various challenging objectives and subjective aspects in the field of electrical engineering. I aim to further my career as a researcher, learner in the field of electrical engineering or in the wider domain of Power System, Control system, design & fabrication in the field of electrical circuits, to analyze the challenges and problems faced in the development of various resources, new techniques and methodologies for the upliftment of different sectors.

Currently working as a Lecturer at the University of Kashmir, Institute of Technology, Zakura campus.

OBJECTIVE

Seeking a position in an organization for greater experience and exposure theoretical and practical knowledge in the field of Electrical engineering, Control engineering, expertise includes power system and research work. Ability to utilize my skills acquired during my professional courses and training to gain exposure to grow with the organization.

SOFT SKILLS & ABILITIES

- Hardworking, Quick learner, Confident, Patient and Highly Sincere
- Excellent knowledge in the field of science & technology, and engineering in addition to new methodologies and developmental schematics. Sound knowledge regarding the area of power systems, power station practices, modern power system protection etc
- Outstanding analytical and critical thinking skills
- Excellent interpersonal skills. Good oral and written communication and motivational skills
- Very good time management skills
- Ability to work independently and in team as well with leadership qualities
- Strong ability to interact with students and colleagues for knowledge exchange

EDUCATION

M.Tech – POWER SYSTEM, REGIONAL INSTITUTE OF MANAGEMENT AND TECHNOLOGY, PUNJAB

2019- 2021

Completed my Master's program with distinction and an aggregate of 9.1 CGPA, with the domain knowledge in the field of power system Specialisation - POWER SYSTEM

B.E – ELECTRICAL ENGINEERING, ISLAMIC UNIVERSITY OF SCIENCE AND TECHNOLOGY, AWANTIPORA

2013 – 2017

Completed B.tech in electrical engineering with a CGPA of 7.7 with the domain knowledge in the modules of Power system, Electric machines, control system, Power electronics etc.

12TH – PRESENTATION CONVENT HIGHER SECONDARY SCHOOL, RAJBAGH SRINAGAR (86.6%)

2013

10TH - PRESENTATION CONVENT HIGHER SECONDARY SCHOOL, RAJBAGH SRINAGAR(91%)

2011

PROJECTS UNDERTAKEN

- M. Tech Project: Microgrid with Integration of Solar PV, Wind and Battery Storage and Grid Integration
 - B. Tech Project: Photovoltaic Power Control Using Maximum Power Point Tracking (MPPT) Technique and Boost Converter.
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WORK EXPERIENCE

INTERNSHIP – MAINTENANCE AND OPERATION TRAINEE ENGINEER.

Jan 2016- Feb 2016

Worked as a trainee engineer at Habak grid station and acquired experience in operation and maintenance of 132/33kv grid station, power system network of Kashmir valley and transmission system of Srinagar city

LECTURER AT KASHMIR GOVERNMENT POLYTECHNIC, SRINAGAR, JAMMU AND KASHMIR

Nov 2017- Dec 2018

Working as a lecturer in the Department of Electrical Engineering where I have imbibed both practical and theoretical knowledge to the student of electrical engineering.

ASSISTANT PROFESSOR AT GOVERNMENT COLLEGE OF ENGINEERING AND TECHNOLOGY, SAFAPORA, KASHMIR

April 2022- March 2023

Planning & delivering lectures, conducting Lab sessions, seminars, guest lectures and tutorials, major & minor projects. Conducting examination & paper setting & evaluation, and assessing the students. Conducting field and industrial visits Managing student body affairs. Carrying out the administrative, and departmental work, setting of laboratories, and library and bids for the purchase of laboratory/research equipment.

LECTURER AT THE UNIVERSITY OF KASHMIR, INSTITUTE OF TECHNOLOGY, ZAKURA CAMPUS.

March 2023- Present

Planning & delivering lectures, conducting Lab sessions, seminars, guest lectures and tutorials, major & minor projects. Conducting examination & paper setting & evaluation, and assessing the students. Conducting field and industrial visits Managing student body affairs. Carrying out the administrative, and departmental work, setting of laboratories, and library and bids for the purchase of laboratory/research equipment.

INTERNATIONAL RESEARCH PUBLICATIONS

- Microgrid with integration of solar PV, wind and battery storage **Feb 2021**
 - Photovoltaic power control using MPPT technique and boost converter **June 2021**
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ADDITIONAL INFORMATION

- **Technical Skills:** Programming languages: C, C++, Operating system: Windows (all series), Macintosh, Ubuntu, Software package: Microsoft Office, Microsoft Visio,, MATLAB, Anova, LABVIEW, Mathematical Modelling.
 - **Languages:** English, Urdu, Hindi, Kashmiri
 - **Hobbies:** Conducting Free of cost Subjective, Research, Competitive exams oriented Class/ Lecture for all students, Content writing, Playing Chess, Badminton, Volleyball, Blog & article reading, Driving, Hiking, Walking, Gardening.
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