

CURRICULUM VITAE

SHUBHAM KEDIA
B.Tech in Electrical Engineering
M.E. in Power Engineering
Jadavpur University

Address of Communication

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Shubham Kedia

➤ Objective:

“I am a Postgraduate in Power Engineering with Strong Academic Background in Electrical Engineering, renewable energy system, Mathematics and aptitude”.
To secure a challenging position in a reputable institution to expand my learning, knowledge and skills and making a significant contribution to the success of the institution.

➤ Academic Qualifications:

Qualification/Degree	Name of the Institution	Year of passing	Board/University	Percentage/CGPA
M.E in Power Engineering	Jadavpur University	2020	Jadavpur University	9.30
B.tech in Electrical Engineering (EE)	Netaji Subhash Engineering College	2018	Maulana Abul Kalam Azad University of Technology	8.89
Higher Secondary exam (12th)	Mejia High School (H.S.)	2013	West Bengal Council of Higher Secondary Education	81.2%
Secondary exam (10th)	Mejia High School (H.S.)	2011	West Bengal Board of Secondary Education	82.125%

➤ B.Tech Project:

“Comparative study, design and implementation of conventional and average current mode controlled buck converter.

➤ ME Thesis:

“Economic Analysis of Diverse Renewable based Energy Bidding Model in Variant Clusters through Cuckoo Search and Game Theoretic Approach.

Here I have designed micro grids having various combination of hybrid renewable energy generation systems with battery storage system. I have used an algorithm called “Cuckoo Search algorithm” with appropriate Constraints for producing the suitable strategy among various strategies of the producers in the energy market. I have applied “Game theoretical approach” for getting the maximum profit of the individuals participating in energy market.

➤ **Industrial training:**

- Mitsubishi Electric FA Products viz, FX PLC at international institute for advanced training on control and automation (IIATCA).
- Undergone internship at Reliance retail limited, kolkata and worked on project “Passive Infrared Sensor”.

➤ **Achievements:**

- Securing AIR rank 14 in EE in the Indian Engineering Olympiad Examination 2017-2018.
- Qualified GATE examination 2018 in EE paper with 95.72 percentile.
- Qualified GATE examination 2020 in EE paper with AIR rank 1448 and 98.45 percentile.
- Qualified GATE examination 2021 in EE paper with 97.86 percentile.

➤ **Teaching experience:**

- Now, I am working as Assistant Professor in Engineering College under MAKAUT (formerly known as WBUT). I have 1 year of teaching experience in Electrical Engineering and it continues.

➤ **Skills:**

- **IT Skill:** Microsoft office, Microsoft Excel, Microsoft Power Point, MATLAB, PSpice
- **Subject of Interest:** All Electrical Engineering subjects such as Circuit Theory, field theory, Electrical Machinery, Power System, Control System, measurements and instruments, analog and digital electronics, Digital Signal Processing, Electrical and hybrid vehicles, Sensors and transducers, Renewable and non-conventional energy, Reasoning and aptitude.
- **Language Proficiency:** English, Bengali, Hindi.

➤ **Personal Details:**

- Father’s name: Ramnath Kedia
- Mother’s name: Late Sunita Kedia
- Date of Birth: 03.07.1995
- Hobbies: Teaching, Gardening, Playing cricket, Cooking, Travelling

➤ **Declaration:**

I hereby declare that all the above information is true to the best of my knowledge and belief.

Date: 14/06/2022
Place: Raniganj, India

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