



# Somen Pandey

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## Objective

To obtain a teaching position where I can apply my technical expertise, leadership skills, and practical experience to educate and inspire students, while continuously learning and contributing to the academic growth and success of the institution.

## Education

- West Bengal Board of Secondary Education** 2016  
Secondary Education  
76.28 %
- West Bengal Council of Higher Secondary Education** 2018  
Higher Secondary Education  
65 %
- Jalpaiguri Government Engineering College** 2022  
Batchelor of Technology ( Mechanical Engineering)  
73.6 %
- Maulana Abul Kalam Azad University of Technology** 2024  
Master of Technology ( Artificial Intelligence)  
78 %

## Skills

- Teaching
- AI & Machine Learning
- Python programming
- Microsoft Excel
- Microsoft word
- AutoCAD & AutoCAD Fusion 360
- Solid Works
- C programming
- Team Leadership & Management
- Communication Skills

## Experience

- Swami Vivekananda University** 03/12/2025 - Present  
Assistant Professor  
Teaching Artificial Intelligence and Machine Learning (AI/ML) theory and conducting laboratory sessions. Responsibilities include preparing lesson plans, delivering lectures, guiding students in implementing ML algorithms using Python, evaluating assignments, setting question papers, and mentoring academic projects, ensuring both theoretical understanding and practical skills aligned with industry requirements.
- Enerture Technologies Pvt Ltd** 03/2025 - 08/2025  
Solar Site Engineer  
I worked as a Site Engineer at Enerture Technologies Pvt. Ltd., where I was responsible for managing the entire team, handling all documentation, maintaining Daily Progress Reports (DPR) and material sheets, and overseeing all on-site activities.
- Sambhav Foundation** 09/2024 - 03/2025

## Trainer

I was the trainer for Electric Two-Wheeler and Solar Panel Installation, where students learned about all the components and mechanisms of electric vehicles and solar panels.

## Projects

- **Fake News Detection Using Machine Learning**

Developed a machine learning model to detect and classify multiclass fake news on social media platforms. The system automatically analyzes content to identify misinformation and distinguish between different categories of fake news, thereby enhancing the reliability of shared information and helping to combat the spread of false narratives.

- **Delivery Drone Design**

Designed a prototype drone system for safe and efficient deliveries, prioritizing contactless service through automation and advanced flight control software. Equipped with GPS navigation, obstacle-detection cameras, and secure cargo compartments, the system emphasizes speed, cost-effectiveness, and environmental sustainability.

- **11 MWp Floating Solar Power Plant – THDC, Khurja (U.P.)**

Worked as a Site Engineer on India's large-scale floating solar project.

Managed site execution, team coordination, material handling, and daily progress reporting.

Ensured quality control and adherence to safety standards during solar panel installation on water bodies.

- **17 MWp Floating Solar Power Plant – HRRL, Pachpadra (Rajasthan)**

Currently leading site activities for this ongoing floating solar project.

Responsible for team supervision, DPR documentation, and coordination with vendors and client representatives.

Overseeing structural mounting, electrical connections, and system integration on floating platforms.

- **Lithium-Ion Battery Assembly & Design Project**

Contributed to the design, testing, and assembly of lithium-ion battery packs for electric vehicles.

Worked on BMS (Battery Management System) configuration, cell balancing, and pack safety measures.

Gained hands-on experience in EV battery technology and internal component functionality.

## Achievements & Awards

- Got 15826 rank in WBJEE.
- Internshala course: Solid Works
- Coursera course: AutoCAD, AutoCAD fusion 360
- Industrial Training: Illicium Motors Pvt Ltd
- Vocational Training: SBSTC Durgapur
- Core Java from Ardent Computech Pvt Ltd
- Artificial Neural Network for Regression Udemy course

## Interests

- Teaching , Learning New Skills, Engineering, Research and Development , Renewable Energy

## Activities

- Volleyball , Badminton , Drawing .

## Languages

- English ( Read, Write, Speak)
- Hindi ( Read, Speak)
- Bengali ( Read, Write, Speak)

## Declaration

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