

# SNEHIL VERMA

E L E C T R I C A L   E N G I N E E R

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Sitapur, Lucknow

## PROFILE

Dedicated Electrical Engineer, with a strong penchant for coding, fusing the world of hardware and software to bring innovative solutions to life. I've fine-tuned my skills to create seamless bridges between circuits and lines of code. Possess exceptional communication and interpersonal skills with a proven ability to work independently and as part of a team. My core belief is, pursuit of knowledge and growth is ceaseless. I'm always prepared to embark on a new learning journey.

## EXPERIENCE

### SARTHAK FOUNDATION (NGO), LUCKNOW

EDUCATOR, (2022-2023)

During my impactful tenure of one year at Sarthak Foundation (NGO), I had the privilege of serving as an educator, focusing on Mathematics and Science. This experience not only honed my pedagogical skills but also deepened my commitment to educational inclusivity.

## EDUCATION

### INDIAN INSTITUTE OF TECHNOLOGY (ISM), DHANBAD

M.Tech, Electrical Engineering

2023 – Present

Percentage : 81.8%

### RAJKIYA ENGINEERING COLLEGE, MAINPURI

B.Tech, Electrical Engineering

2018 – 2022

Percentage : 83.20%

### LUCKNOW PUBLIC COLLEGE, JANKIPURAM, LUCKNOW

Intermediate, ICSE Board

2016 – 2018

Percentage : 93.75%

## PROJECTS

### PERSONAL PORTFOLIO WEBSITE

- Build my website using HTML and CSS.
- [To visit my website : Click here](#)

### OPTIMAL COORDINATION OF OVERCURRENT RELAY WITH DG INTEGRATION

- In this project the optimized operating time of relays are calculated using non-linear programming (NLP) and Genetic Algorithm (GA)

### SMARTPHONE CONTROLLED ROBOTIC CAR

- This project harnessed the power of arduino, coupled with the convenience and versatility of smartphones, to develop a remarkable robotic vehicle

### CLOUD SEEDING

- Model of cloud seeding is created which provide visual representation of precipitation, showing how cloud seeding process takes place.

## CERTIFICATIONS AND ACHIEVEMENTS

### Enhancing Soft Skill and Personality

(2019 - 2020)

Certified with GOLD medal, NPTEL, IIT KANPUR

### Developing Soft Skills and Personality

(2018 - 2019)

Certified with SILVER medal, NPTEL, IIT KANPUR

### Certificate of Appreciation

(2017-2018)

Scored 100% in Computer Science

### Momentum (Water Rocket and Hurdle Mania)

(2019-2020)

IIT, BHU TECHNEX

## INTERNSHIP

Completed Industrial training in 765/400 KV Grid Substation, Kharra, Mainpuri.

## SKILLS

### SOFT SKILLS :

- Communication Skill
- Presentation Skill
- Logical thinking

### TECHNICAL SKILLS :

JAVA

- OOPs concept
- Data structure and algorithm

A Mathematical Programming Language (AMPL)

HTML and CSS

MATLAB and Simulink

DIgSILENT Power Factory

## LANGUAGES

### ENGLISH

Professional Working Proficiency

### HINDI

Native or Bilingual Proficiency