

S SOUMYA RANJAN

Electrical Engineer

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Bhubaneswar, Odisha

SUMMARY

Electrical Engineer with exceptional problem solving and troubleshooting skills seeking a position in which these skills can be utilized and enhanced for the betterment of the company.

EDUCATION

B.Tech in Electrical Engineering

Indira Gandhi Institute of Technology

Sarang, Dhenkanal,
Odisha

GPA | 8.6 / 10

Higher Secondary Examination

Prabhujee English Medium School

Bhubaneswar, India

GPA | 6 / 10

Secondary Examination

Prabhujee English Medium School

Bhubaneswar, India

GPA | 8.4 / 10

TRAINING / COURSES

Power Transmission and Distribution

Power Training Centre, OPTCL,
Bhubaneswar

STRENGTHS



Team working abilities

Developed both at college and company I interned in.



Excellent communication skills

Gained throughout my education and during internship



Strong work ethic and determination to succeed.

Learnt while in college and during internship period.



LANGUAGES

English	Proficient	<div></div>
Hindi	Native	<div></div>
Odia	Native	<div></div>

SKILLS

Programs

MatLab · Simulink · AI/ML · Javascript ·

HTML

PROJECTS

Estimation of THD in PV System using Kalman Filtering

Location

Estimating the presence of total harmonic distortion in a PV System, due to the changes in environmental factors.

Project Name

Location

An optimized grid-connected photovoltaic (PV) system using Maximum Power Point Tracking (MPPT) and a Sliding Mode Controller (SMC) aims to enhance the efficiency and stability of solar power generation. MPPT algorithms maximize the power output from the PV panels. The Sliding Mode Controller ensures the PV system operates efficiently and stably, providing reliable power to the grid.

FIND ME ONLINE

Instagram

https://Instagram.com/s4_soumya?
utm_source=qr&lgshid=MThlNWY1
MzQwNA==

LinkedIn

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soumya-ranjan-8773091a5