



Mayur Panchal

Electrical Engineer

Carrier Objective - To employ my skills of Electrical, AI-EE Engineering, gained from U.G. and further deepening the knowledge / concept and implementing the same in constructive manner under the guidance of company, with global presence, so as to get the optimum output for the technology in the above specified domain, thus making myself more technical strong and an asset, for the company's growth.

✉ mayurpanchal297@gmail.com

☎ +91 - 8120997555/9893256716

📍 Permanent Address - 'Pratiksha', 178, Panchwati Colony, A.B. Road, Indore, M.P.; Local Address - 9B, Navgujarat Society, Ahmedabad, Gujarat, India

ACADEMIA

Secondary Education (Class 10th)

Accomplished from The Bhavans' Prominent International School; Nipania, Indore, Madhya Pradesh - 452010

04/2016 - 03/2017

Completed said education, under CBSE Board

Higher - Secondary Education (Class 12th)

Accomplished from The Bhavans' Prominent International School; Nipania, Indore, Madhya Pradesh - 452010

04/2018 - 03/2019

Completed said education, under CBSE board, with the subject - PCM+PE

B.-Tech. in Electrical Engineering

Electrical Department, Institute of Technology, NIRMA UNIVERSITY; Ahmedabad, Gujarat, India - 382481

07/2019 - 07/2023

4th Year Completed; with subjects including WSN, AIEE and further the subjects of the UG course

PROJECT

Project 1 - Standalone PV System (08/2022 - 12/2022)

- Simulation based project, with main focus on constant power supply, from PV, with irrespective of rate of change of different parameters (irradiance, temperature).

Project 2 - Identifying Power System Events Using AI Techniques (01/2023 - 05/2023)

- Identified different events of 9 BUS Power System, on different platforms (MATLAB, GoogleColab, Jupyter) using various AI Techniques.

INTERNSHIP

Trainee (at HVAC Plant - Blue Star)

Blue Star Pvt. Ltd., Davv Takshila Parisar, Indore, Madhya Pradesh - 452020

07/2021 - 07/2021

Indore, Madhya Pradesh, India

Achievements/Tasks

- Was a trainee, under the site engineer supervision, and gained knowledge about HVAC Plant, and Electrical System of IT Park.

Summer Intern/Trainee (at Power Cable Manufacturing Plant - Waghodia)

RR Kabel Ltd.

06/2022 - 07/2022

Waghodia, Vadodara, Gujarat, India

Achievements/Tasks

- Was a trainee, under the Senior Executive Engineer supervision, and gained the practical knowledge about the manufacturing of Power Cable and House wire from raw material to finished good.

SKILLS

Being the NCC Cadet, I'm good in leadership, team management skill and thus accordingly, better in punctuality and discipline.



Good at organizing and prioritizing tasks, with good communication & finance skills.



I'm finer in critical thinking & training - development skills.



Consequently, altogether this enhances my project and business management skills.



Moreover, I'm good at the subjects specified [in the Academia (in B-Tech Part) and Interest part], thus linking subjects which are mainly related to software development and AI.



Further I have good software development skills, thus making me better in various software like MATLAB, Simulink, Jupyter, GoogleColab.



WORKSHOPS ATTENDED

Certified one month IoT and Robotics Workshop, under the Edo Square organization, Indore, MP (04/2019 - 04/2019)

Certified online workshop on PLC (Programmable Logic Controller) - iQR under the Mitsubishi Electric (10/2021 - 10/2021)

Electrical Distribution System Analysis Workshop under Institute of Technology, NIRMA UNIVERSITY (09/2021 - 09/2021)

EXTRA - CURRICULARS

NCC CATC Camp (02/2022 - 02/2022)

Attended the NCC CATC Camp for the B Certificate Exam, under Gujarat 9 BN, Ahmedabad, on February 22nd - 26th, 2022

NCC CATC Camp (07/2022 - 07/2022)

Attended the NCC CATC Camp for the B Certificate Exam, under Gujarat 9 BN, Ahmedabad, from July 06th - 14th, 2022

INTERESTS

Artificial Intelligence

Machine Learning

Software Development

Smart Grid