

Internship/Project List for the academic year 2023-24

S.No.	Title of Internship based Projects
1	Designing of Building Automation System
2	ANDON System: The Role of Andon System in the Automotive Industry
3	Machinery and Panels Employed for Manufacturing of Tower Angles - Maintenance There of.
4	Designing of 96 W Isolated Power Supply using Flyback Topology
5	Design of Quadcopter Drone
6	Design of Automatic Power Factor Control Panel
7	The Study of SMPS and Prototyping: A 3000 W Power Supply Unit
8	ANDON System : The Role of ANDON Systems in the Automotive Industry
9	Manufacturing and Testing of Distribution Transformer
10	ANDON System in the Automotive Industry
11	Main Receiving Sub-Station (220/33/6.6 kV) at SUNFLAG IRON AND STEEL Co. Ltd. Bhandara
12	Designing and Testing of Solar Inverter.
13	ANDON System: The Role of ANDON Systems in the Automotive Industry.
14	Research in Innovative Electrical/ Electronic Application Development and use of Advance Polymer Material for Battery Module
15	Substation Automation System related to Remote Monitoring and Controlling Operation of Substation using Communication Protocol
16	Design of Synchronous Buck Converter
17	Designing and Testing of Arduino Trainer Kit and IOT based Home Automation System
18	Power Factor Improvement using Capacitor Bank.
19	Designing of Building Automotive Industry.
20	ANDON System: The Role of ANDON System in the Automotive Industry
21	Investment Grade Energy Audit.
22	ANDON System
23	Machinery Employed for Manufacturing of Tower Angle – Maintenance thereof (Divyansh Steel, Nagpur)
24	Monitoring of SG, Control and Power Wiring of Electrical Control Panels (Shri Balaji Industries, Nagpur)
25	Designing and Assembling of Quadcopter Drone – MDB Electrosoft Amravati
26	Mounting and Switchgear Control and Power Wiring of Electrical Control Panels
27	Designing of Building Automation System

S.No.	Title of In-house Projects
1	Precise Control of DC Motor using Encoder Feedback
2	Smart Grid Power Quality Improvement using Modified UPQC
3	Simulation of Power IC LM5023 using Flyback Converter on TINA TI Software for 72W
4	IOT- Based Smart Energy Meter
5	Dual Axis Solar Tracker using Arduino Controller and NODEMCU ESP8266
6	Solar Powered Grid Integrated Electric Vehicle Charging Station with IOT Monitoring
7	Automatic Agriculture Robot