PROJECT REPORT (2024-2025)

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Courses Outcomes

Subject-Project **Code- 8EE7-50**

CO1	Student will be able to formulate a real time innovation problem related to engineering society, environment, and apply prior knowledge/skill to analyze problem
CO2	Design a methodology based on the inferences drawn out of literature survey to solve the problem using modern tools of engineering and be able to evaluate one's own work with expected outcome
CO3	Students will be able to learn skills to lead and work in a team manage project in phases learn financial aspects technical report writing and present work in as per predefined guidelines

CO-PO Mapping

Subject Code	COs	Program Outcomes (POs)											
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
8EE7-50	CO-1	3	3	2	2	2	3	3	3	2	2	2	3
	CO-2	2	3	3	3	3	2	2	2	2	3	2	3
	CO-3	2	2	2	2	2	2	2	3	3	3	3	3

Head of the Department
Electrical Engineering
JECRC Jaipur

Project Stages and Guidelines

Stage 1: Formation of Groups

Stage 2: Selection of Supervisor

Stage 3: Assignment by Supervisor/Project Guide to concerned Group Students will share their interest with the project guide and based on the result of the mutual discussion between the students groups and guide, they will submit the registration form of the selected project group to the project incharge.

Stage 4: Submission of Synopsis report

After the assignment of the guide, the students are asked to submit the synopsis report. It is a two page report which includes the abstract and introduction about your research work.

Stage 5: Synopsis Presentation:

- Each group will present their idea about the project in the form of 5 minutes power point presentation.
- The project coordinators and faculty members will evaluate each project according to feasibility, future applications, social impact and technological advancements.
- In this assessment, if the project is approved then each student group will submit the hard copy of synopsis report to the project coordinator duly signed by the project supervisor.
- If the project is not approved , then you have to submit another Synopsis report until the project is approved by the committee of faculties, supervisor and coordinator

Stage 6: Project Status Report (PSR) by supervisor

- Each group will frequently meet with the project supervisor and describe the project status.
- The status report will be submitted in a format (**attached in the appendix A**) filled handwritten.
- This status report will be duly singed by supervisor and will be attached in the final project report.

Stage 7: Project Status Report (PSR) by respective project lab faculty

Students will maintain a Project Book Record during the project lab

1. The Project Book Record constitutes the bonafide record of project work carried out by undergraduate research students of Institute.
2. The Book Contains day to day record of all conceptual, analytical, laboratory and computational activites carried out by a student as a part of his project.
3. It is a permanent record of academic activity and contains intellectual property created by student and his supervisor.
4. The Student will record all his thoughts, observation, flow charts, and computational steps etc. directly on this notebook.
5. The student must produce this record book before all Examination Board for Evaluation and grading of his day to day performance. The first Evaluation of the project will be made based on the record book only.

Stage 8: Submission of the Project Report

- Each group will prepare the report according to the guidelines (**attached in appendix B**)
- First the draft copy of the report in the spiral binding will be checked by project supervisors.

- Once the supervisor approved the report, student will submit the final copy of report in the hard bound form.

Stage 9: Internal Assessment

- In internal assessment each will group and their members will indicate about the progress of the project and their specific roles to carry out the work.
- The performance will be judged based on the viva voice and quiz.
- Student will bring the draft copy of the report and their hardware for demonstration.
- The group performance will be evaluated by the demo of the project and quality of the project.

Stage 10: External Exam

- Student will bring the hardware project and the hard bound report
- External viva voce will be conducted by the external examiner.
- Final evaluation will be done taking into account the social benefits of the project, any patent applied and any research paper communicated in this regard.

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE JECRC Campus, Shri Ram Ki Nangal, Via-Vatika,Jaipur	Academic Session: 2024-2025
	DEPARTMENT OF ELECTRICAL ENGINEERING	

B.TECH PROJECT PROGRESS CALENDAR

S.No	Activity	Dates
1	Project Group Formation	29-01-2025
2	Submission of 3 projects topics	05-02-2025
3	Presentation by each group on 3 topics	12-02-2025
4	Finalization of project topic & allotment of guide	12-02-2025
5	Weekly progress report to guide	12-02-2025 to 19-02-2025 19-02-2025 to 27-02-2025 27-02-2025 to 05-03-2025 05-03-2025 to 12-03-2025 12-03-2025 to 19-03-2025
6	Project -I Presentation	19-03-2025
7	Submission of Project -I Report	19-03-2025
8	Project -I oral Exam	20-03-2025
9	Weekly progress report to guide	20-03-2025 to 03-04-2025 03-04-2025 to 09-04-2025 09-04-2025 to 16-04-2025
10	Project -II Presentation	19-04-2025
11	Submission of Project -II Report	23-04-2025
12	Project -II oral Exam	23-04-2025

(HOD)

Project Groups and Guide Details

Groups	RTU Roll Number	Name of Student	Guide Name
G1	21EJCEE045	Shaifali Jatawat	Mr Gopal Tiwari
	21EJCEE035	Pragati Mehta	
	21EJCEE053	Pawan Kumar Koli	
	22EJCEE034	Parth Goyanka	
G2	22EJCEE205	ROHAN SINGH	Mr Vishal Rohela
	21EJCEE017	Deepanshu sahani	
	21EJCEE008	Akash Yadav	
	21EJCEE005	Abhishek Gautam	
G3	22EJCEE202	HARSH SAINI	Dr Vikram Singh
	21EJCEE028	Mayank Tak	
	21EJCEE020	DEVKINANDAN MEENA	
	21EJCEE042	Sahil khan	
G4	21EJCEE029	Mehwish Bano	Ms Neha Agarwal
	21EJCEE004	Abhinav agrawal	
	21EJCEE050	Vansh Sharma	
	21EJCEE200	AADIL AHMAD BHAT	
G5	21EJCEE015	Bhavya Saraswat	Mr L. Senthil
	21EJCEE027	Lokesh yadav	
	21EJCEE002	AADITYA YADUVANSHI	
	21EJCEE003	Abhinav	
G6	22EJCEE206	YASHVARDHAN PAREEK	Mr Vishnu Datt Sharma
	21EJCEE039	RISHI DWIVEDI	
	21EJCEE021	Gaurav Gupta	
	21EJCEE018	DEV KUMAR SUWALKA	
G7	22EJCEE201	ABHISHEK KUMAR BHARGAVA	Mr Shailendra Shrivastava
	21EJCEE052	Vishnu Puniya	
	21EJCEE049	Suraj sharma	
	21EJCEE007	AJAY KUMAR BAIRWA	
G8	21EJCEE001	Aaditya Vikram Sangwa	**Mr Vishal Sharma**
	21EJCEE012	AMAR KUMAR	
	21EJCEE023	Jayraj Meena	
	21EJCEE047	SHIVAM Sharma	
G9	21EJCEE019	Devesh Sharma	Ms Sonali Chadha
	22EJCEE203	MOHAMMAD RAAGUIB HUSSAIN	
	21EJCEE026	LOKESH	
	21EJCEE030	Mohammad Rashid Imteyaz	
G10	22EJCEE204	RAVI TIWARI	**Dr** Prerak Bhardwaj
	21EJCEE038	Rahul meena	

	21EJCEE013	Aneesh Pareek	
	21EJCEE011	Aman	
G11	21EJCEE048	Sitesh Kumar Singhal	Mr Ram Singh
	21EJCEE037	Puneet Sharma	
	21EJCEE043	Satish sahu	
	21EJCEE025	LAKSHYJEET	
G12	21EJCEE036	Priyanka Bagoria	**Mr Neeraj Kumar Kumawat**
	21EJCEE022	Harsh yadav	
	21EJCEE014	Ayush Gehlot	
	21EJCEE041	SADASHIV DADHEECH	

PROJECT NOTICE

Ref: JECRC/EE/Project/2025/ **Date: 01-02-2025**

Presentation

It is to inform to all the registered students of VIII sem. that Project Progress Presentation will start as per schedule given below:

Date	Day	Time	Lab Name	Venue	Group Nos.	Marks
05-02-2025	Wednesday	09:30AM to 12:30AM	Project Lab	BLG-06	1-06	25
06-02-2025	Thursday	09:30AM to 12:30 PM	Project Lab	BLG-06	07-12	25

Note:

Members of all the groups will come with the following materials:

(i) 10 minutes Power Point Presentation with one Laptop.

(ii) Students will come in formals only.

(iii) Softcopy & Hardcopy of project reports along with hardware.

(iv) Attendance in the project is mandatory

Panel of assessment will be:

Lab Name	Evaluators
Project Lab	Dr Prerak Bhardwaj
	Dr Vikram Singh
	Mr L. Senthil
	Mr Gopal Tiwari

Dr Prerak Bhardwaj

(Head of the Electrical Engineering)

Copy to

1. Principal office
2. Project Progress Evaluators
3. Notice board –EE

Jaipur Engineering College and Research Centre
Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.
Session: 2024-2025

Department of Electrical Engineering

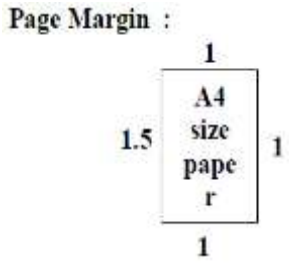
NOTICE

INSTRUCTIONS FOR PROJECT REPORT SUBMISSION BY B. TECH (EE 8th sem) STUDENTS

All students **(B.Tech. EE (Final Year)** are required to follow a prescribed format for writing **Project** reports, the details of which are given below:

1. The sequence in which the training report material should be arranged and bound should be as follows:
   i. Cover page (sample copy attached as annexure-A).
   ii. Title page. (sample copy attached as annexure-B)
   iii. Contents with title & subtitle, page no. (Breakup of sections according to explanation is advised).
   iv. Acknowledgment
   v. Declaration (sample copy attached as annexure-C)
   vi. Abstract
   vii. List of Figures
   viii. List of Tables
   ix. Notations/nomenclature (if any)
   x. Summary (with Chapters & sections)
   xi. References (only those references with proper citation which are used in the report) should be in IEEE format
   xii. Appendix / Annexure/Data sheets(if any)

2. For text in the report a proper format must be followed i.e.
   Chapter heading: 16 font-Times New Roman-Bold
   Section heading : 14 font-Times New Roman-Bold
   Rest of the text : 12 font-Times New Roman
   Line spacing : 1.5



3. The report must consist of following chapters
    - Chapter 1- Introduction
    - Chapter 2- Project work (It can span in two or three subchapters depending on type & volume of work. This contains the text & related to hardware & software implementation)
    - Chapter 3- Results and Discussion
    - Chapter 4 Conclusions and future scope

4. **Minimum No. of pages in report should be 40** (excluding starting pages and annexure)

5. Numbering of pages upto List of tables should be in (ROMAN -8 font) and the text, beginning with the Introduction, or of Chapter 1, should be numbered consecutively with Arabic numerals. **Page numbers must be placed 1.5 cm from the bottom center of each page.**

6. Numbering of Tables, Figures and Illustrations must be done sequentially, including the Chapter number in which it is placed (for example, Figure 2.1, 3.2, etc).

7. Captions for Figures, Tables and Illustrations must be placed at the bottom of each, and centered.

8. An annexure may be attached for graphs, Tables, images, simulation results etc after the complied report. If the annexure pages are more, then another index page can be attached or added to the main index page.

9. Cover should be hard bound with white color & engraved text in **black** color. Two sets of reports per group need to be submitted. Students can generate another copy for their own referral.

10. A CD inculcating soft copy of the report and project needs to be submitted with the report.

11. The Report should be prepared in consultation of respective guides and the print should be taken only after getting the approval from guide.

Dr. Prerak Bhardwaj **Mr. Gopal Tiwari**

(Project-Coordinator- VIII A) **(Project-Coordinator- VIII B)**

Research Areas and Project Topics

	Jaipur Engineering College and Research Centre, **Shri Ram ki Nangal, via Sitapura RIICO** **Jaipur- 302022.**	**Academic Year** **2024-25**

Research Areas of Faculty Members

Name	Designation	Area of Specialization	Category	Title of Research Topic 1	Title of Research Topic 2	Title of Research Topic 3	Title of Research Topic 4
Mr Vishal Sharma	Assistant Professor	Power System	Both Software and Hardware	Facts	Reactive power compensation	Power quality	Power system stability
Mr Gopal Tiwari	Assistant Professor	AI, ML, instrumentation	Both Software and Hardware	Smart Home Energy Management System	DC Microgrid with Renewable Integration	Battery Management System (BMS) for Lithium-Ion Batteries	AI-Based Health Monitoring System for Electrical Equipment
Dr Prerak Bhardwaj	Associate Professor	Power Electronics and Drives	Both Software and Hardware	Design and Implementation of Hybrid Energy System	Investigation on Multilevel Inverters	Development of Control Techniques for Motor Drives	Distributed Generation System
Mr L.SENTHIL	Assistant Professor	Power System	Both Software and Hardware	Modeling and Control of an Electric Vehicle Powertrain with Regenerative Braking System	Battery Management System (BMS) for Electric Vehicles with State of Charge (SOC) and State of Health (SOH) Estimation	Modeling and Simulation of a Wind Energy Conversion System for Grid Integration	Voltage Stability Analysis of a Multi-Bus Power System with FACTS Devices
Ms Neha Agrawal	Assistant Professor	Power system	Both Software and Hardware	Solar tacking system	Ai base fault detection	Electric vehicle	Dc microgrid with renewable integration
Ms Sonali Chadha	Assistant Professor	Energy Management	Software	Modeling and Simulation of Demand	Smart Grid Load Forecasting and	Electric Vehicle Charging Optimization for	Optimization of Renewable Energy Integration

				Response Strategies for Residential Load Management	Control for Demand Side Management	Demand Side Management	in Demand Side Management Systems
Dr. Vikram Singh	Associate Professor	Electricity Market, Power System Economics	Software	Demand response	Congestion management	Renewable integration	Electricity market
Mr Neeraj kumar kumawat	Assistant Professor	Power system	Both Software and Hardware	Electric Hybrid vehicle	Smart grid	Renewable energy sources and their integration	Load forecasting techniques
Mr Vishal Rohela	Assistant Professor	Power System	Both Software and Hardware	Power Quality	Electrical Vehicle	Harmonics Reduction	FACT Devices.
Mr Shailendra Shrivastava	Assistant Professor	Power System	Software	Modelling and simulation of FACTS devices.	Simulation of load flow analysis in power system.	Green Energy.	Load forecasting and survey.
Mr Vishnu Dutt Sharma	Assistant Professor	Power system	Hardware	AI-based predictive maintenance for smart grid components.	Fault Characteristics of Distributed Solar Generation	Design and Control of Micro-Grid fed by Renewable Energy Generating Sources	Solar Wireless Electric Vehicle Charging System

Project Registration Forms (Samples)

	Jaipur Engineering College and Research Centre Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year 2024-2025
	Department of Electrical Engineering	

MOJOR PROJECT REGISTRATION FORM

Project Group Number: G-7

Team members

Roll No.	Name of Student	Signature
21EJCEE043	Suraj Sharma	Suraj
21EJCEE052	Vishnu Ahuja	Vishnu
21EJCEE007	Ajay Kumar Bajiya	Ajay
22EJCEE201	Abhishek Bhargava	Abhishek

1. Title of project: Hybrid Energy Generation and monitoring with IOT
2. Type of Project: Fabrication/Design/Experimental/Theoritical/Industrial/Industrial Case Study / Industrial Survey / Industrial Management / Productivity / Robotics / Software and Other (specify):
3. Date of commencement: 17th Jan. 2025
4. Planned Duration: 3 to 4 Months
5. Brief Summary of Project: This project focuses on developing a hybrid energy system that combines solar and wind power for efficient energy generation. It integrates IOT technology to monitor voltage, current and energy output. The system aims to promote renewable energy use with smart monitoring for improved efficiency and reliability.
7. Name of supervisor: Mr./Dr. Shailendra Srivastava

I agree to be supervisor of the projects

Projet coordinator

(Signature of the Supervisor)

JECRC	Jaipur Engineering College and Research Centre Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year 2024-2025
Department of Electrical Engineering		

MOJOR PROJECT REGISTRATION FORM

Project Group Number: G3

Team members

Roll No.	Name of Student	Signature
22EJCEE202	Harsh Saini	Harsh
21EJCEE028	Mayank Pal	Mayank
21EJCEE042	Sahil Khan	Sahil
21EJCEE020	Devkinandan Meena	Devkinandan

1. Title of project: Integration of Renewable Energy within Recreational Spaces
2. Type of Project: Fabrication/Design/Experimental/Theoritical/Industrial/Industrial Case Study / Industrial Survey / Industrial Management / Productivity / Robotics / Software and Other (specify):
3. Date of commencement: 29/01/2025
4. Planned Duration: 3 to 4 Months
5. Brief Summary of Project: Renewable Energy sources have become increasingly important in recent years due to rising demand for sustainable, clean and eco-friendly alternatives to fossil fuels. This project explores a multi source energy park incorporating solar, wind, mechanical, and piezo-electric energy systems, supported by battery storage and inverter circuits. The goal is to create a self-sustaining environment that blends recreation with innovation.
7. Name of supervisor: Mr./Dr. VIKRAM SINGH

I agree to be supervisor of the projects

Project coordinator

(Signature of the Supervisor)

	Jaipur Engineering College and Research Centre Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year 2024-2025
	Department of Electrical Engineering	

MOJOR PROJECT REGISTRATION FORM

Project Group Number: G4

Team members

Roll No.	Name of Student	Signature
21EJCEE029	Mehwish Bano	Mehwish Bano
21EJCEE004	Abhinav Agarwal	Abhinav
21EJCEE050	Vansh Sharma	Vansh
21EJCEE200	Adil Ahmad Bhat	Adil

1. Title of project: Solar Dual Axis tracker System
2. Type of Project: Fabrication/Design/Experimental/Theoritical/Industrial/Industrial Case Study / Industrial Survey / Industrial Management / Productivity / Robotics / Software and Other (specify):
3. Date of commencement: 29/1/25
4. Planned Duration: 3 to 4 Months
5. Brief Summary of Project:

Project focuses on solar dual axis tracker hardware backed with simulated report of PV system software to optimize losses. Project also justifies the betterment of it over single axis system.

7. Name of supervisor: Mr./Dr. Mrs Neha Agrawal

I agree to be supervisor of the projects

Project coordinator

(Signature of the Supervisor)

WEEKLY PROJECT PROGRESS REPORT (SAMPLE COPY)

JECRC JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	**Jaipur Engineering College and Research Centre** **Shri Ram ki Nangal, via Sitapura RIICO** **Jaipur- 302 022.**	**Academic year 2024-2025**
Department of Electrical Engineering		

B. Tech PROJECT PROGRESS REPORT

Branch: Electrical Engineering Year: IV Semester/Division: VIII
Group No.: 4
Project Title: Solar Dual axis tracker System
Group Member's Roll No. & Name

S.No.	RTU Roll No.	Name of Student
1	21EJCEE029	Mehwish Bano
2	21EJCEE004	Abhinav Agarwal
3	21EJCEE050	Vansh Sharma
4	21EJCEE200	Aadil Ahmad Bhat
5		

Name of Internal Guide:

Sr No./ Week	Date	Work Done	Signature of Students	Signature of Guide
1	22-01-2025 to 29-01-2025	Searching of research areas for finalization of topic & guide name.		
2	29-01-2025 to 12-02-2025	Research group & guide name finalized, literature review initiated		
3	12-02-2025 to 19-02-2025	Literature review continued, analytical & software aspect studied		
4	19-02-2025 to 27-02-2025	Exploration of different algorithms & working on them	Mehwish Bano	Neha Agrawal
5	27-02-2025 to 05-03-2025	Hardware components listed & purchased from the market		
6	05-03-2025 to 12-03-2025	Hardware implementation & software programming in progress	Abhinav	
7	19-03-2025	Project-I Presentation	Vansh	
8	20-03-2025 to 03-04-2025	Continued software programming & hardware implementation		
9	03-04-2025 to 09-04-2025	Hardware implementation completed, research paper writing started	Aadil	
10	09-04-2025 to 16-04-2025	Report writing & research paper development ongoing		
11	19-04-2025	Project-II Presentation		
12	23-04-2025	Final project presentation & viva voice examination		

HOD

	Jaipur Engineering College and Research Centre Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year 2024-2025
	Department of Electrical Engineering	

B. Tech PROJECT PROGRESS REPORT

Branch: Electrical Engineering Year: IV Semester/Division: VIII

Group No.: G-7

Project Title: Hybrid Energy Generation and monitoring with IOT.

Group Member's Roll No. & Name

S.No.	RTU Roll No.	Name of Student
1	21EJCEE049	Suraj Sharma
2	21EJCEE052	Vishnu Poniya
3	21EJCEE007	Ajay Kumar Baisla
4	22EJCEE201	Abhishek Bhargava
5		

Name of Internal Guide: Dr. Shailendra Srivastava

Sr No./ Week	Date	Work Done	Signature of Students	Signature of Guide
1	22-01-2025 to 29-01-2025	Searching of Research areas for finalization of topic & Guide name		
2	29-01-2025 to 12-02-2025	Research group & Guide name is finalized and Literature review is going on.	Suraj	
3	12-02-2025 to 19-02-2025	Literature review is carried out & both the analytical & software aspects are analyzed for project.	Vishnu	
4	19-02-2025 to 27-02-2025	Initialized the scope of hybrid energy sources and IOT integration	Ajay	
5	27-02-2025 to 05-03-2025	Designed the Hardware architecture including solar panels.	Abhishek	
6	05-03-2025 to 12-03-2025	Integration of solar panel, wind panels & charge controllers and sensors.		
7	19-03-2025	Project -I Presentation		
8	20-03-2025 to 03-04-2025	Procured and assembled the required components such as sensors & energy storage units.		
9	03-04-2025 to 09-04-2025	Tested and calibrated the system under various environmental conditions		
10	09-04-2025 to 16-04-2025	Report writing and Research Papers work is going on.		
11	19-04-2025	Project -II Presentation		
12	23-04-2025	Final Project Presentation and oral Exam.		

HOD

JEERC	Jaipur Engineering College and Research Centre Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year 2024-2025
Department of Electrical Engineering		

B. Tech PROJECT PROGRESS REPORT

Branch: Electrical Engineering Year: IV Semester/Division: VIII
Group No.: 012
Project Title: Aero-Nek The Future of Logistics with Autonomous Drone Technology
Group Member's Roll No. & Name

S.No.	RTU Roll No.	Name of Student
1	21EJCEE045	Shaifali Jatawat
2	21EJCEE035	Pragati Mehta
3	21EJCEE053	Pawan Kumar Koli
4	21EJCEE034	Parth Goyanka

Name of Internal Guide:

Sr No./ Week	Date	Work Done	Signature of Students	Signature of Guide
1	22-01-2025 to 29-01-2025	Searching for Research areas for finalization of topic and guide name		
2	29-01-2025 to 12-02-2025	Research Group and Guide name is finalized and Literature review is going on		
3	12-02-2025 to 19-02-2025	Literature Review is carried out and both analytical and software aspects are analyzed for project	Shaifali	
4	19-02-2025 to 27-02-2025	Different algorithms are searched and working on them.	Koli	
5	27-02-2025 to 05-03-2025	Hardware components are listed and purchased from the market.		
6	05-03-2025 to 12-03-2025	Hardware implementation and software programming is going on.	Pragati	
7	19-03-2025	Project - I Presentation		
8	20-03-2025 to 03-04-2025	Software program and hardware implementation is going on.	Parth	
9	03-04-2025 to 09-04-2025	Hardware implementation is done and research paper writing is going on.		
10	09-04-2025 to 16-04-2025	Report writing and research paper work is going on.		
11	19-04-2025	Project - II Presentation		
12	23-04-2025	Final Project Presentation and Oral Exam		

HOD

PROJECT TITLES AND CATEGORY

Groups	RTU Roll Number	Name of Student	Project Guide	Project Title	Project Category
G1	21EJCEE045	Shaifali jatawat	Mr Gopal Tiwari	Aero-Aid: The Future of Logistics wwith Autonomous Drone Technology	Software & Hardware
	21EJCEE035	Pragati Mehta			
	21EJCEE053	Pawan Kumar Koli			
	22EJCEE034	Parth Goyanka			
G2	22EJCEE205	ROHAN SINGH	Mr Vishal Rohela	EV Motor Controller	Hardware
	21EJCEE017	Deepanshu sahani			
	21EJCEE008	AKASH YADAV			
	21EJCEE005	Abhishek Gautam			
G3	22EJCEE202	HARSH SAINI	Dr Vikram Singh	Integration of Renewable Energy within Recreational Spaces	Environmental and Hardware
	21EJCEE028	Mayank Tak			
	21EJCEE020	DEVKINANDAN MEENA			
	21EJCEE042	Sahil khan			
G4	21EJCEE029	Mehwish Bano	Ms Neha Agarwal	Solar Dual Axis Tracker System	Software
	21EJCEE004	Abhinav agrawal			
	21EJCEE050	Vansh Sharma			
	21EJCEE200	AADIL AHMAD BHAT			
G5	21EJCEE015	Bhavya Saraswat	Mr L. Senthil	Mathematical Modelling and Simulation of Doubly Fed Induction Generator in WECS	Analytical and Hardware
	21EJCEE027	Lokesh yadav			
	21EJCEE002	AADITYA YADUVANSHI			
	21EJCEE003	Abhinav			
G6	22EJCEE206	YASHVARDHAN PAREEK	Vishnu Datt Sharma	Solar Powered Wireless Electric Vehicle Charging System	Social and Hardware
	21EJCEE039	RISHI DWIVEDI			
	21EJCEE021	Gaurav Gupta			
	21EJCEE018	DEV KUMAR SUWALKA			
G7	22EJCEE201	ABHISHEK KUMAR BHARGAVA	Dr Shailendra Shrivastava	Hybrid Energy Generation and Monitering with IOT	Environmental and Hardware
	21EJCEE052	Vishnu Puniya			
	21EJCEE049	Suraj sharma			
	21EJCEE007	AJAY KUMAR BAIRWA			
G8	21EJCEE001	Aaditya Vikram Sangwa	Mr Gopal Tiwari	Smart Horse Tracking System in Pilgrimage Areas	Software
	21EJCEE012	AMAR KUMAR			

	21EJCEE023	Jayraj Meena			
	21EJCEE047	SHIVAM Sharma			
G9	21EJCEE019	Devesh Sharma	Ms Sonali Chadha	Design and Modelling of Wireless Charging of Electric Vehichle	Analytical and Hardware
	22EJCEE203	MOHAMMAD RAAGUIB HUSSAIN			
	21EJCEE026	LOKESH			
	21EJCEE030	Mohammad Rashid Imteyaz			
G10	22EJCEE204	RAVI TIWARI	Dr Prerak Bhardwaj	Design and Implement of IOT Based Smart Electrical Distribution System and Smart Consumption	IOT based Hardware Model
	21EJCEE038	Rahul meena			
	21EJCEE013	Aneesh Pareek			
	21EJCEE011	Aman			
G11	21EJCEE048	Sitesh Kumar Singhal	Ram Singh	Smart Home Management System Using AI	Software
	21EJCEE037	Puneet Sharma			
	21EJCEE043	Satish sahu			
	21EJCEE025	LAKSHYJEET			
G12	21EJCEE036	Priyanka Bagoria	Mr Neeraj Kumar Kumawat	Smart Grid Technologies: Leveraging Iot For Efficient Energy Management	Hardware
	21EJCEE022	Harsh yadav			
	21EJCEE014	Ayush Gehlot			
	21EJCEE041	SADASHIV DADHEECH			

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