

PANDIT DEENDAYAL ENERGY UNIVERSITY  
Formerly  
PANDIT DEENDAYAL PETROLEUM UNIVERSITY

Raisan, Gandhinagar – 382 426, Gujarat, INDIA, Website : www.pdpu.ac.in

NAAC Accredited 'A' Grade (CGPA 3.39 out of 4.00)

NIRF India Rankings 2021: 73<sup>rd</sup> in University, 68<sup>th</sup> in Engg., & 66<sup>th</sup> in Management category.

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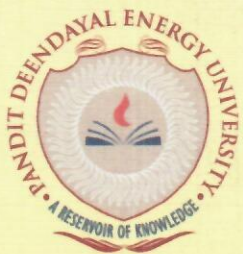
**B.Tech in Electrical Engineering**  
**Department of Electrical Engineering**  
**School of Technology**  
**ACY – 2020-2021, Semester: VIII**

**List of Students undertaking Comprehensive Project/Field Project**

**Duration: January- May, 2021**

Sr.No.	Enrollment Number	Student Name	Project Title	Name and Place of Industry	Supervisor
1	16BEE032	Hitesh labana	Testing and Troubleshooting of Submersible Pumps	Ganga Electricals, Rajkot	Ms Vima Mali
2	16BEE053	Palak Mehta	Feasibility Study of Solar PV System	AMBIT ENERY Pvt Ltd, Rajkot	Ms Vaidehi Deshpande
3	16BEE079	Patel Ravikumar Bharatbhai	Testing and Troubleshooting of Submersible Pumps	Ganga Electricals, Rajkot	Mr Sreejith R
4	16BEE139D	BAGDA MAYUR K	Testing and Trouble shooting of Submarsible Pump	Ganga Electricals, Rajkot	Dr J G Jamnani
5	16bee148D	Utkarsh parmar	Manufacturing and testing pf control panel	Control System Engineers, Ahmedabad	Mr Nirav Karelia
6	16BEE150D	DEEP PATEL	To know construction & working of LED	INNOVO LITES, Ahmedabad	Ms Vima Mali
7	16BEE155D	Ronak Salvi	Testing and Troubleshooting of Submersible Pumps	Ganga Electricals, Rajkot	Mr Vipin Shukla
8	16BEE157D	Kevin soni	Working and testing on mcc & pcc panels	Brijesh Electricals, Surat Gujarat	Dr Siddharth Joshi
9	17BEE002	Akriti Surbhi	Study Of Excitation Of Generator	Gujarat State Electricity	Dr Vivek Pandya

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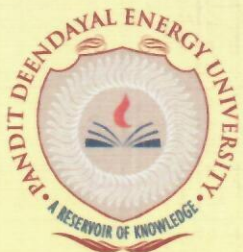
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				Corporation Limited, Gandhinagar, Gujarat	
10	17BEE003	Akshit Kanoria	Solar plants installation	Acva solar Pvt ltd, Vadodara	Dr Meera Karamta
11	17BEE006	Anshul Rana	Maintenance and Protection of power transformer	Rajasthan Rajya Vidyut Prasaran Nigam Limited, Mukerian, Punjab	Dr Amit Sant
12	17BEE007	Anupam Sharma	Analysing the methodology and applications of communication using PLCC	Rajasthan Rajya Vidyut Prasaran Nigam Limited, Mukerian, Punjab	Mr Nirav Karelia
13	17BEE008	Arun Thomas	Implementation of gearless technology in elevators to reduce power consumption and maintenance cost.	APSON MOTOR (INDIA) PVT. LTD.,	Dr Anil Marakana
14	17BEE010	Nandini Bhargav	Study of Furnace Safeguard Supervisory System and Cascaded PID control of furnace temperature	Gujarat State Electricity Corporation Limited, Gandhinagar, Gujarat	Ms Vima Mali
15	17BEE011	Bhatia Mansi Haresh	Operation And Analysis Of 220KV Substation	Gujarat Energy Transmission Corporation Limited,	Dr Alok Jain
16	17BEE013	Prashant Bhoraniya	Detailed Study of Thermal Power Plant and Further Scope of Improvement	Gujarat State Electricity Corporation Limited,	Dr Bhinal Mehta

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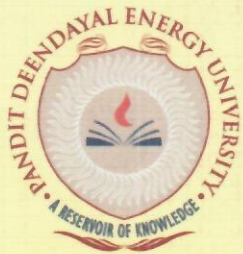
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				Gandhinagar, Gujarat	
17	17BEE016	Deep Kishore Amin	Analysing It Enabled Power Distribution	UGVCL, Gandhinagar, Gujarat	Ms Vaidehi Deshpande
18	17BEE017	Harsh Devisha	Autoclave (Steam Sterilizer)	Neelam Industries, Ahmedabad, Gujarat	Dr Anil Marakana
19	17BEE019	Jay Dugar	Study and analysis of transformer and it's protection Scheme	220kv Grid Substation Bharatpur, Mukerian, Punjab	Dr Praghnes Bhatt
20	17BEE020	Eluvathingal Jinoy Wilson	Study and Analysis of Power Transformer protection schemes.	GETCO, Mehsana.	Dr VSKV Harish
21	17BEE021	Gadhia Aarti Nilesh	Line Reactor with Variable frequency drives; Load Reactor with Variable frequency drives; Sine filter	Hitron Winders, CTM Ahmedabad, Gujarat	Mr Nirav Karelia
22	17BEE022	Gaurang Sharma	Manufacturing of High Frequency Induction Melting Furnace	Inductotherm, Sanand, Gujarat	Mr Pavan Venkata
23	17BEE024	Suneha Rohitash Gupta	DCS System for Speciality Chemicals manufacturing process	Virtuoso Projects & Engineers Pvt. Ltd. Pune, Maharashtra	Dr J G Jamnani
24	17BEE025	Harsh Bhardwaj	Hand Gesture Controlled Robot using Micro-Controller	EED-PDEU, Gandhinagar	Mr Nirav Karelia
25	17BEE026	Hitesh jarwal	Designing and testing of LT control panels	J.J Industries, Ahmedabad, Gujarat	Dr Leena Santosh

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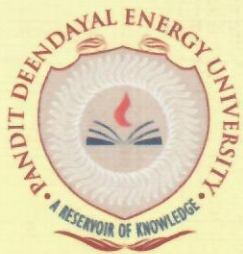
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26	17BEE027	Jahanvi Ichchhapuriya	Energy Meter: Design, Testing and Installation	Dakshin Gujarat Vij Company Limited, Gandhinagar	Dr Bhinal Mehta
27	17BEE029	Abhinandh Jayaprakash	Siemens Switchgear Protection Panels	Pradip PowerTech Private Ltd., Sanand	Ms Vaidehi Deshpande
28	17BEE030	JEETENDRA J MANGHNANI	DCS for specialty Chemicals Manufacturing Process	ARTEE FLOW CONTROLS PVT. LTD., Ankleshwar, Gujarat	Dr Alok Jain
29	17BEE031	Karan Doshi	Design and Development of a Battery Charging System for Mobile Applications	MCS Cargar Pvt. Ltd., Roorkee, Uttarakhand	Mr Vipin Shukla
30	17BEE032	Kartikeya Mishra	STUDY AND ANALYSIS OF THE THIRD RAIL TRACTION SYSTEM POWERING THE METRO CARS	Hyundai Rotem Company, Gandhinagar-Ahmedabad	Mr Pavan Venkata
31	17BEE034	Kishansinh Thakore	Designing and Manufacturing of Electrical Panels using AutoCAD	Electech Engineering Private Limited, Piplaj, Ahmedabad	Mr Pavan Venkata
32	17BEE035	Sarthak Kothari	Ahmedabad, Gujarat Designing and Manufacturing of Electrical Panels using AutoCad	Electech	Dr Amit Sant
33	17bee036	Madineni R Satyanarayana Chowdary	To design and working on the 1megawatt gas engines	Lakshya powertech pvt ltd., Piplaj, Ahmedabad	Dr VSKV Harish
34	17BEE037	Rishabh Jigneshkumar Mandalia	Testing of Power Electronic Equipments	Amtech Electronics India Limited, GIDC Electronics Zone, Gandhinagar	Dr Anil Marakana

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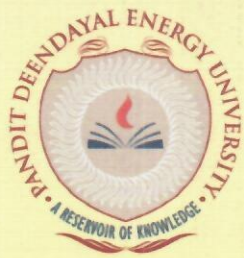
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35	17BEE041	Mehul Jain	Design and manufacturing of Insulators	Modern Insulators Limited, Abu Road	Dr Vivek Pandya
36	17BEE042	Aishwarya Mishra	Harmonic Reduction in Variable Frequency Drive using Reactors	Hitron Winders, Ahmedabad, Gujarat	Mr Sreejith R
37	17BEE043	Dhwanil Mody	Solar Power for Charging Station	Gujarat Energy Research Management and Institute (GERMI),	Ms Vima Mali
38	17BEE044	Nakarani Harsh Hansraj	Designing & Testing of LT Electric Control Panel	J. J. Industries, Ahmedabad, Gujarat	Dr Vivek Pandya
39	17BEE053	Mary Parmar	Modelling of Line Reactor and Load Reactor with Variable frequency drive and Sine wave filter	Hitron Winders, Ahmedabad	Dr Siddharth Joshi
40	17BEE055	Bhautik Patel	Study about testing and working of transformer	Transformer and Rectifier (India) Ltd., Ahmedabad	Mr Pavan Venkata
41	17BEE057	Deep Rajeshkumar Patel	Assembling, wiring and testing of various electric control panels	Dynamic control systems, Ahmedabad	Mr Nirav Karelia
42	17BEE060	Kevin Hareshkumar Patel	WIND & SOLAR POWER FORECASTING AND SCHEDULING ALONG WITH PERFORMANCE ANALYSIS	Unilink Engineering Corporation Private Limited, Ahmedabad	Dr VSKV Harish
43	17BEE064	Patel Vraj Nileshbhai	Analysis of 22 Kw solar power plant, Working overview and scaled down simulation of 22 kw solar power plant by PV Syst. Software	Hindustan Zinc Limited Rampura Agucha Mines, Bhilwara, Rajsthan	Dr Siddharth Joshi

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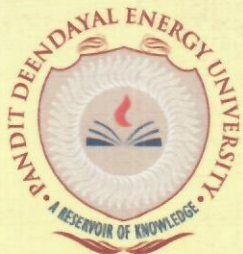
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17875

44	17BEE066	Piyush Bansal	To design and develop mobile Electric vehicle charging station	MCS Cargar Private Limited, C-1, 270 GIDC, Phase 1, Naroda	Mr Vipin Shukla
45	17BEE069	PRAPHULL KUMAR	Study the Functions and Maintenance of various electrical equipment.	Hilton Metal Forging LTD. Shah & Mehta Ind. Estate, Village Ghonsai, Tal. Wada,	Ms Vaidehi Deshpande
46	17BEE074	Ritik Sharma	To Design a 60 K.V.A. Online UPS	Autometers Alliance Ltd. , Mumbai, Maharashtra	Mr Vipin Shukla
47	17BEE075	Ritvik Bhatia	Data analysis in the field of electrical engineering using industrial energy audit reports	National Productivity Council, Gandhinagar	Mr Sreejith R
48	17BEE077	Riya prasad	Method to improve efficiency of geared elevator permanent magnet synchronous motor	Apson motor(india) pvt.ltd., Ahmedabad	Mr Sreejith R
49	17BEE078	Yash Rupani	Hand Gesture Controlled Robot using Micro-Controller	EED-PDEU, Gandhinagar	Mr Nirav Karelia
50	17BEE079	Savan Kagthra	Wind & Solar Power Forecasting and Scheduling along with performance analysis	Unilink engineering corporation Pvt Ltd, Ahmedabad, Gujarat	Dr Anil Marakana
51	17BEE084	Anamika Sharma	Requirement Analysis for EVSE Infrastructure	Testing Electrical Standards Laboratory and R&D Institute Pvt Ltd, Gandhinagar, Gujarat	Mr Vipin Shukla

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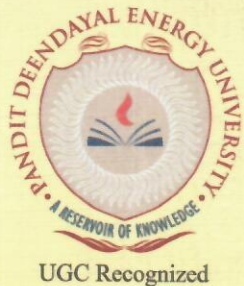
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17876

52	17BEE088	Anushree Singh	Wind and solar power forecasting and scheduling along with performance analysis.	Unilink Engineering Corporation Private Limited, Ahmedabad, Gujarat	Ms Vima Mali
53	17BEE089	Meera Sorathia	To check the product reliability by applying various current and voltage ratings.	GreatWhite Global Pvt. Ltd., Valsad, Gujarat	Mr Vipin Shukla
54	17BEE091	Surbhi Kumar	Study the intricacies of 10MW solar plant and design PV system in PVsyst	GERMI, Surat / Gandhinagar	Dr Vivek Pandya
55	17BEE092	Sutariya Jignesh Kamlesh Bhai	To understand the assembling and testing of Electrical Control panels	Dynamic control system, GIDC, Estate, Odhav	Mr Pavan Venkata
56	17BEE094	Dhruvkumar Thakkar	SOP preparation for testing of Potential Transformer	Narayan Powertech Private Limited, Padra, Vadodara, Gujarat	Dr Amit Sant
57	17BEE096	Vaidya Dixant Girishkumar	To analyse , assembling and testing of electrical control panels	Dynamic control systems, GIDC, Estate, Odhav	Ms Vaidehi Deshpande
58	17BEE099	Vishesh Malviya	Understanding working, operations involved in Thermal Power station.	Kota super thermal power station, Kota, Rajasthan	Ms Vima Mali
59	17BEE100	Vishva Bhatt	Pollution Control In Thermal power Plants Using Electrostatic Precipitator	Gujarat State Electricity Corporation Limited, Gandhinagar	Dr Amit Sant
60	17BEE102	Devanshi Vyas	Control and monitoring of Material Handling system.	Gujarat State Electricity Corporation Limited, Gandhinagar	Dr Leena Santosh

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17877

61	17BEE103	Paritosh Yajnik	Study of Raw material governing system in coal plant at thermal power plant	GSECL, Gandhinagar	Dr Meera Karamta
62	17BEE104	Dhyanam Joshiara	Implementation of Gearless Technology in elevator to reduce power consumption & maintenance cost.	Apson Motor (India) Pvt Ltd, GIDC ODHAV, Behind Post Office, Ahmedabad, 382415	Dr Praghresh Bhatt
63	17BEE109	Parth Patel	Circuit Design for STEM Education Kits	Encube Fablab, Gandhinagar	Dr Meera Karamta
64	17BEE112D	Darshil Somani	Automation of Electrical Power Distribution System	UGVCL, Gandhinagar	Dr Alok Jain
65	17BEE114D	Makwana Himanshu Jagdishkumar	Design and manufacturing process of industrial lift	Goods lift - shree ram engineering works, odhav ring road, ahmedabad, gujarat.	Dr J G Jamnani
66	17BEE115D	Jackson Vaghora	Design and Manufacture of LT Control Panel	J.J. Industries, Naroda Road, Ahmedabad	Dr Meera Karamta
67	17BEE116D	JATIN DILIP SONKUSALE	IMPLEMENTATION OF SCADA/DMS SYSTEM IN DISCOM	UGVCL, Gandhinagar	Dr Leena Santosh
68	17BEE118D	Parth Bhati	Electrical aspects of Manufacturing & Installation of Solar Plants (Ground mounted & Rooftop Installation).	Sunfree Energy, Anand, Gujarat	Mr Nirav Karelia
69	17BEE119D	Rohan Jogani	Detailed Designing of electrical system of commercial, industrial,	Designtech MEP Consultants, Ahmedabad	Mr Pavan Venkata

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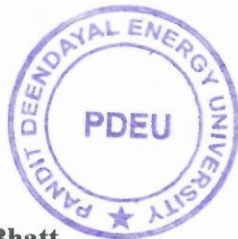
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			residential, highway/tunnel lighting, corporate offices, hotels, hospitals, etc.		
70	17BEE120D	HET G THAKAR	ELECTRICAL ASPECTS OF MANUFACTURING OF CNC MACHINE	GLOBAL CNC AUTOMATION, Rajkot, Gujarat	Dr Praghnes Bhatt
71	17BEE121D	Vishal Chauhan	Analysis of maintenance and operation of 220kV substation	GETCO, 220 kv Ranasan sub station	Mr Sreejith R
72	17BEE122D	Patel Akshaykumar Jayeshbhai	CASE STUDY OF DISSOLVED GAS ANALYSIS (DGA) OF 150MVA TRANSFORMER	GETCO, 220 kv Ranasan sub station	Mr Nirav Karelia

**Dr. Praghnesh Bhatt**

**HoD (Electrical Engineering)**



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