



Department of Electrical Engineering UNSIET VBS Purvanchal University Jaunpur

Date: 30-05-2022

Detail of project submitted by students (B.Tech, EE, 2020-21)

S. No.	Name of Supervisor	Name of Student	Title of Project	Name of Program	Year
1	DR. RAJNISH BHASKER	SIDDHARTH PATEL RATNESH SINGH SATEESH YADAV	OPTIMAL POWER FLOW OF SOLAR CELL BASED BUCK BOOST CONVERTER USING MPPT ALGORITHM	B.Tech	2020-21
2	MS. JAYA SHUKLA	ROSHANI GUPTA SHANTI YADAV RITIKA SINGH	PMSG BASED WIND ENERGY GENERATION SYSTEM	B.Tech	2020-21
3	MR. J. P. LAL	ROHIT YADAV SHUBHAM YADAV AMARJEET YADAV	DESIGN OF GRID TIED SOLAR INVERTER	B.Tech	2020-21
4	MR. J. P. LAL	NIHAL RANJAN YASHAVANT AKHILESH	SINGLE PHASE HYSTERESIS CONTROLLER BASED DC TO AC CONVERTER	B.Tech	2020-21
5	MR. ANURAG SINGH	SURESH CHANDRA PAL AJAY KUMAR MAURYA PRIYANSHU SINGH	HARMONICS REDUCTION AND POWER QUALITY IMPROVEMENT USING HYBRID POWER FILTER	B.Tech	2020-21
6	MR. MANEESH KUMAR GUPTA	AMAN KUMAR YADAV AMENDRA RAHUL KUMAR YADAV	PMSG BASED WIND TURBINE CONNECTED TO MICRO GRID	B.Tech	2020-21
7	MISS JAYA SHUKLA	VIJAY KUMAR PATEL AJAY KUMAR MAURYA SANJAY KUMAR YADAV	SINGLE PHASE POWER FACTOR CORRECTION USING BUCK CONVERTER	B.Tech	2020-21
8	MR. SATYAM KUMAR UPADHYAY	KISHAN KUMAR GUPTA RUPAM GUPTA MRITYUNJAY YADAV	MODELLING AND SIMULATION OF RESIDENTIAL GRID CONNECTED SOLAR PHOTOVOLTAIC SYSTEM	B.Tech	2020-21
9	MR. J. P. LAL	ABHISHEK KUMAR SHASHIKANT GUPTA YADAV CHANDRASEN	HYBRID SOLAR WIND POWER GENERATION SYSTEM	B.Tech	2020-21
10	MR. SATYAM KR UPADHYAY	ANURAG KUMAR NITESH KUMAR BIND	ARTIFICIAL INTELLIGENCE TECHNIQUE BASED MAXIMUM POWER POINT	B.Tech	2020-21

			TRACKING CONTROLLER FOR PHOTO-VOLTAIC SYSTEM		
11	DR.RAJNISH BHASKER	VAGESH KUMAR RISHIKESH KUMAR ROSHAN KUMAR	IOT BASED SMART ENERGY GRID SYSTEM	B.Tech	2020-21
12	MR. MANEESH GUPTA	HARIKESHWAR PRAJAPATI VINAY KUMAR YADAV SAURABH VISHWAKARMA	FAULT ANALYSIS IN THREE PHASE TRANSMISSION LINE AND ITS DETECTION	B.Tech	2020-21
13	MR. ANURAG SINGH	MONIKA PAL SAKSHI RAI SHASHI YADAV	A COMPUTER TOOL TO CALCULATE ZONE OF PROTECTION AGAINST DIRECT LIGHTNING STROKES FOR SUBSTATIONS	B.Tech	2020-21
14	MR. SAURABH V. KUMAR	RAHUL KUMAR DINKAR SANJEEV GAUTAM	SOFT START OF A 3-PHASE INDUCTION MOTOR USING MATLAB SIMULATION MODEL	B.Tech	2020-21
15	MR. SAURABH V. KUMAR	AKASH YADAV VINDESHWAR GAUTAM SHANI KUMAR	SMART GRID INTEGRATION OF SOLAR/WIND ENERGY CONVERSION SYSTEM	B.Tech	2020-21
16	MISS. JAYA SHUKLA	PRADEEP KUMAR KESHARI SANJEET KUMAR SINGH AJAY KUMAR VERMA	POWER QUALITY IMPROVEMENT BY USING DSTATCOM	B.Tech	2020-21
17	MR. ANURAG SINGH	SAURABH SINGH ANUP KUMAR PRAVEEN SANYAL	TRANSIENT ANALYSIS OF SELF EXCITED INDUCTION GENERATOR SUPPLYING THREE-PHASE AND SINGLE-PHASE LOAD	B.Tech	2020-21
18	MR. SAURABH V KUMAR	SHALINI GUNJAN YADAV DIVYA RAI	VSC-HVDC BASED LOAD FREQUENCY CONTROL OF MULTI-AREA INTERCONNECTED DEREGULATED POWER SYSTEM	B.Tech	2020-21
19	MR.MANEESH GUPTA	PRASHANT PAL AJAHARUDDIN RITESH KR MAURYA	DIRECT TORQUE CONTROL OF INDUCTION MACHINE	B.Tech	2020-21
20	DR. RAJNISH BHASKER	MEHFOOZ AHMAD KHAN MOUDOOD AHMAD	A NEW APPROACH FOR HIGH EFFICIENCY BUCK BOOST CONVERTER DC/DC CONVERTER USING SERIES COMPENSATION	B.Tech	2020-21

**Project
Coordinator**