

Project List offered for the Session 2020-2021 Electrical Engineering Department

Sr.no	Title	Supervisor	Field of application
1	EEDBMS: End to End Diabetes Management System	Dr. Shahryar Shafique	Environmental
2	Design & Build a Ping Pong Ball Launcher	Dr. Shahryar Shafique	Environmental
3	Design of a Digital driver Panel	Dr. Shahryar Shafique	Environmental
4	Millimeter wave antenna with enhanced bandwidth for 5G wireless applications	Dr. Naeem Ahmad Jan	Communication
5	A Low-Profile and High-isolated MIMO Antenna for 5G Mobile Terminal	Dr. Naeem Ahmad Jan	Communication
6	Biometric Attendance System	Engr. Mujtaba Ihsan	Industrial Sector
7	Motorised 2D PCB Designer	Engr. Muhammad Waqas	Industrial Sector
8	2 Wheel Drive Self Balancing Vehicle for Transportation in Warehouse	Engr. Muhammad Waqas	Industrial Sector
9	3D Printed DC Motor	Engr. Muhammad Waqas	Industrial Sector
10	1KW Powerwall for Homes	Engr. Muhammad Waqas	Energy Sector
11	Automatic seed sowing machine using solar panel	Engr. Sanaullah Ahmad	Industrial Sector
12	Solar powered autonomous drone for precision agriculture	Engr. Sanaullah Ahmad	Industrial Sector
13	Wireless Solar PV monitoring and control system	Engr. Shayan Jan	Energy Sector
14	Auto Intensity control of Solar PV Powered LED Lights	Engr. Shayan Jan	Energy Sector
15	Earthquake Alarm System Based on Advanced Wireless GSM Modem	Engr. Pir Meher Ali Shah	Industrial Sector
16	Microcontroller Based Talking Energy Meter	Engr. Pir Meher Ali Shah	Communication, Energy Sector
17	IOT Based Heart attack Prediction wearable device for Human Live Saving	Engr. Aamir Aman	Environmental
18	Design and implementation of a self-adjusting micro wind turbine	Engr. Aamir Aman	Industrial, Energy Sector
19	Target Tracking System for Tank Gun Mount	Engr. Sajid Nawaz	Industrial, Communication
20	IoT Based Smart Masjid With Energy Efficient Features	Engr. Sajid Nawaz	Environmental

Students are directed to submit their proposals (according to the proposal guidelines found on student portal) along with proposal form and transcripts. The deadline for proposal submission is Monday 19th October 2020