

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
ELECTRICAL ENGINEERING DEPARTMENT
MINOR PROJECT

Ref.No. EE/ 46

2.3.:

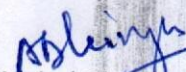
16.1.2024

The following is list of allotted/opted minor projects for 6th semester electrical engineering students. For the project names in italics, students are required to submit their synopsis as per notified format by 18.1.2024, 10.00AM failing which they will not be allowed to proceed further with Minor project

Roll No.	Name	Project Title	
2104235	ABHIJEET SOURAV	Intruder Alarm System	
2104236	ADARSH PANDEY	<i>Automation of Wheel chair</i>	
2104237	AJAY KUMAR	Automatic Plant Watering System	
2104238	AMAN BHAMRAH	<i>Effect of weather conditions on solar generation</i>	
2104239	AMANDEEP KAUR	<i>Stick with sensors for blind person</i>	
2104241	ANISH VERMA	<i>Prepare Single line diagram of college substation</i>	
2104242	ANMOL SINGH	<i>Design of automtaic main gate entry system</i>	
2104243	ANMOL SINGH SEKHON	<i>Automation of corridor lighting</i>	
2104244	ANSHUL KAUSHAL	Dynamic Traffic Signal Management with denisty and emergency Respons	
2104245	ARPANMEET SINGH	<i>Lighting design with costing for basketball court</i>	
2104246	CHANPREET SINGH	<i>Electrical design for G4 with costing</i>	
2104247	CHARNJEET KAUR	<i>Electrical design for EE office with costing</i>	
2104249	DILPREET SINGH	Fire Alarm System	
2104250	DILPREET SINGH	Battery Charging level indicator	
2104251	DIVANSHI	<i>Measurement of earth resistance in college</i>	
2104254	GURDEEP SINGH	<i>Layout deisgn with costing for a computer lab</i>	
2104255	GURMINDER SINGH	Water Level Indicator	
2104256	GURPARTAP SINGH	<i>Layout deisgn with costing for a machine lab</i>	
2104257	GURSEWAK SINGH	Automatic Railway Gate Control System	
2104258	GURWINDER SINGH	Sun Tracking Solar Panel	
2104259	HARMANDEEP SINGH	<i>Study of AC requirement for Computer lab</i>	
2104261	HARPREET KAUR	Transformer Safety Device	
2104262	INDERPREET SINGH	<i>Three phase automatic changeover</i>	
2104263	JAI SIKA	<i>Full wave rectification with thyristor</i>	
2104264	JASHANPREET SINGH	Three Phase Selector Changer	
2104265	JASKARAN CHAUHAN	<i>Half wave rectification with thyristor</i>	
2104266	JASKARAN SINGH	<i>Energy audit for sports arena</i>	
2104268	JASLEEN KAUR	<i>Energy audit for Electrical Department</i>	
2104272	KANCHAN FOUNSA	LDT Darkness Sensor Circuit	
2104273	KARAMJIT KAUR	<i>Energy audit for accounts section</i>	
2104274	KARANPREET SINGH	Differential Relay Fault Detection	
2104275	KARANVIR SINGH	<i>Energy audit for record and establishment section</i>	
2104276	KRISHNA KUMAR	<i>Energy audit for Civil department classrooms</i>	
2104277	MANISH KUMAR	Vidyut Sanrakshak	

2104278	MANMOHIT SINGH	Energy audit for Civil department labs	
2104279	MAYANK GOYAL	Energy audit for ECE department classrooms	
2104280	MUSKAN	Energy audit for ECE department labs	
2104281	NACHHTER SINGH	Detect traffic density	
2104282	NEERU	Automatic load sharing of transformers	
2104283	PAWANDEEP SINGH	Energy Audit for first floor MBA block	
2104284	PRABHKAMAL SINGH	Smart Parking System	
2004724	HARPARTAP SINGH	Energy Audit for ground floor MBA block	
2104285	PRIYANSHU SRIVASTAVA	Energy Audit for second floor MBA block	
2104286	RAVI KUMAR	Arduino Based Home Appliance Control Using Android Application	
2104287	ROBIN SINGH	Analysis of college electricity bills for last financial year	
2104288	SAHIB NIRVAIR SINGH	Generation of Electricity using Speed Breaker	
2104289	SANCHIT WARIAH	Control of DC motor using thyristor	
2104290	SHAMINDER KAUR	Automatic Street Light Control System	
2104291	SHELLY MADAAN	Multi Transformer Overheat Detection system	
2104293	SIMRANPREET KAUR	Energy audit of workshops (on left side)	
2104294	SOURAV SOHAL	Energy audit of workshops (on right side)	
2104295	SUJAL SINGH	Energy Audit of Old Production block 1st floor	
2104296	SUKHLEEN KAUR	Laser Home Security System	
2104297	SUKHMAN SINGH VIRK	Energy Audit of Old Production block ground floor	
2104298	SUKHSHANT SINGH	Design of water filter (UV based)	
2104299	SUKHVIR SINGH	Single phase inverter 2kVA	
2104301	TARAN VIR SINGH	Three phase inverter 3kVA	
2104303	VIKRAM SINGH	Regulated Power Supply 5V DC 2A	
2104304	VIKRANT PV	Design of automatic boom barrier	
2104305	VINAY RAGBOTRA	Automatic bottling plant	
2104306	VINOD	Find calorific values for three different biomass specimens	
2104307	VINOD KUMAR CHAUDHARY	Transmission line fault detection	
2203664	AMAN GOYAL	Wireless Power Transmission	
2203665	ANANAY THAKUR	Study of buck boost converter	
2203666	AVINASH	Wireless Mobile Charger	
2203667	AVNISH SINGH	Panel for finding Z parameters of Transmission line	
2203668	BHAVJEET SINGH	Comparison of different sources of light	
2203669	DHARAMVEER SINGH	Smart Dustbin	
2203670	DILJOT SINGH	Water Level Indicator	
2203671	GURRATTAN SINGH	Speed Control of DC Motor	
2203672	HARMAN SINGH	Speed Control of 3 phase induction Motor	
2203673	HARMANDEEP SINGH	Servo distance indicator	
2203674	HARSH ARORA	Touch on and off Switch circuit	
2203676	HARSHDEEP SINGH NAFRE	IoT based Energy Meter	
2203677	HARSHIT SAINI	Text Scrolling LED Display	
2203679	MANDEEP SINGH	Clap Switch	
2203680	MANJINDER SINGH	Password Door Lock	
2203681	MANJOT SINGH	Motion detector by using Interfacing Arduino and PIT sensor	

2203683	NIRMAL BANSAL	<i>Making a gesture control model car</i>	
2203684	RAJAT DHIMAN	Brake Failure Indicator	
2203685	SUKHDEEP SINGH	<i>Control DC Motor with an Arduino</i>	
2203686	SUNIT KUMAR	Hydro electric Generation	
2203687	TAARNPREET SINGH	12V to 6V DC Converter	
2203688	TANVEER KAUR	<i>Soil Moisture sensor with LCD display</i>	


Dr Arvind Dhillon
Incharge Minor Projects

Cc: Notice boards for D3 EE classes
:Department website

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