

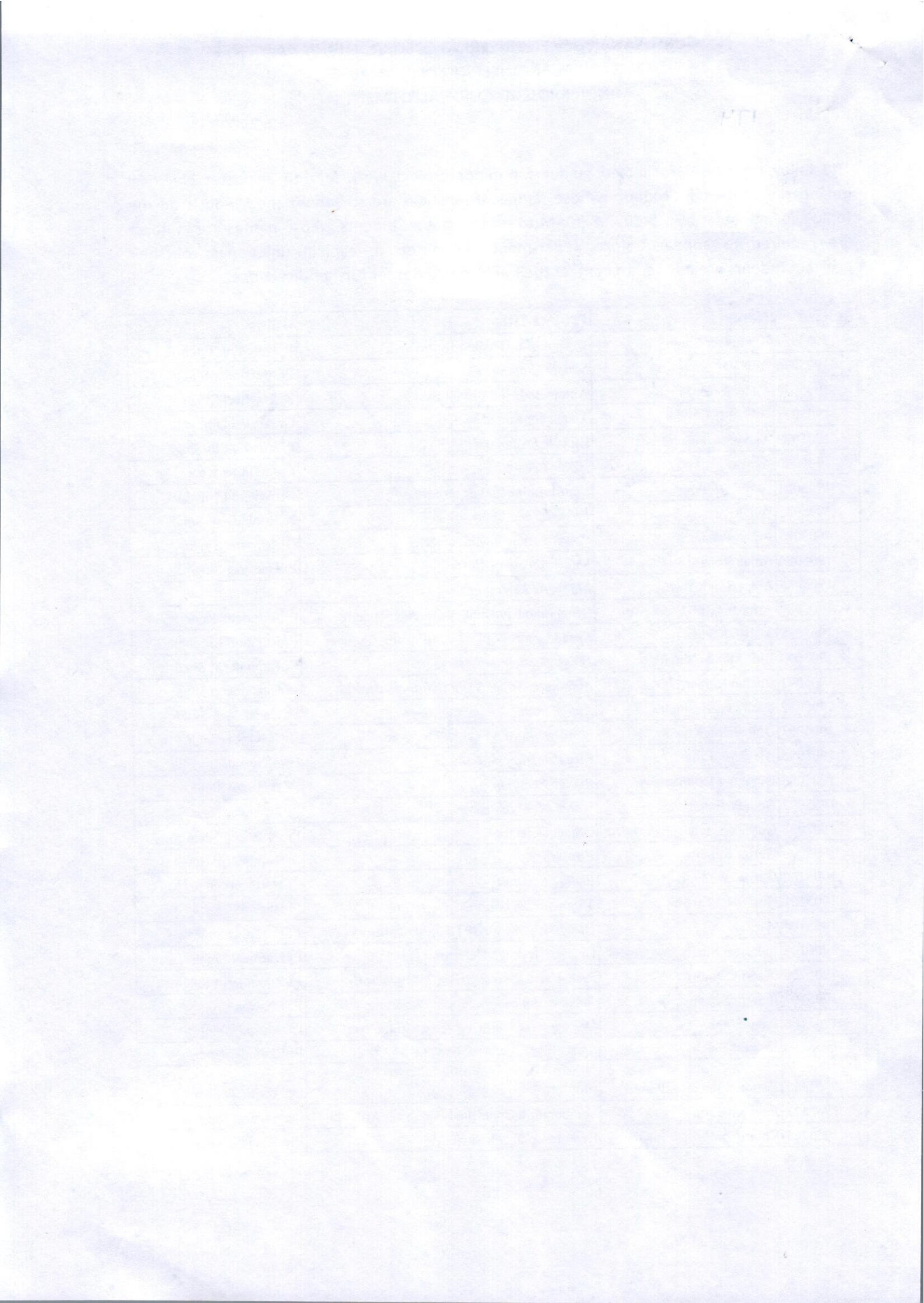
GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
ELECTRICAL ENGINEERING DEPARTMENT
MINOR PROJECT: GUIDE ALLOTMENT

Ref.No. EE/ 174

2.3.2022

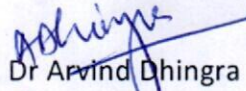
The following is list of allotted guides for minor project work for 6th semester electrical engineering students. Students whose names are in bold are to submit the synopsis on the topic allotted latest by 7.3.2022,8.30AM to undersigned. Students whose names are in italics are required to appear before department committee to explain uniqueness of their project. Students are advised to contact their allotted guides for further directions.

Roll No.	Name	Project Title	Guide
1903659	Karanveer Singh	Design of a simple robotic arm	Pf.Karanbir Singh
1905076	Adarsh Raj	<i>Simple Clap Switch</i>	Pf.Preetinder Singh
1905077	Aemanpreet Singh	Automated Night Light System	Dr.Navneet Singh
1905078	Aishwarya Singh	Touch controlled switch	Dr.Arvind Dhingra
1905079	Ajaywishwash Singh	Bicycle Dynamo	Pf.Rupinderjit Singh
1905080	Akash	<i>Water Level Alarm</i>	Pf.Ravinder Kaur
1905081	Akash Kumar	Simulation of DVR circuit	Dr.Arvind Dhingra
1905082	Aman	<i>Fire Alarm Circuit</i>	Pf.Rupinderjit Singh
1905083	Aman Kumar	Power Efficient Mini inverter	Dr.Navneet Singh
1905084	Aman Rana	<i>Smart Burgular Alarm</i>	Pf.Harmeet Singh
1905085	Ankit Singh	<i>Magnetic Levitation</i>	Pf.Bhawna
1905087	Armaan Ali	Synchronously Blinking emergency light	Pf.Arshdeep Kaur
1905088	Ashish Kumar	Speed Control of DC Motor using Chopper	Pf.Rupinderjit Singh
1905090	Braj Mohan Singh	<i>Fire detection and Alarm</i>	Pf.Rupinderjit Singh
1905091	Chetan Kumar Dev	<i>Automatic Street Night lighting System</i>	Pf.Gagandeep Singh
1905092	Dashwinder Singh	<i>Automation</i>	Pf.Gagandeep Singh
1905093	Dinbandhu Kumar	Simulation of SVC	Dr.Navneet Singh
1905095	Divyanshu Jha	<i>Fire detection and Alarm</i>	Pf.Bhawna
1905096	Dupinder Dhiman	<i>Bridge Rectifier</i>	Pf.Harmeet Singh
1905097	Gourav Jindal	<i>Water Level Indicator</i>	Pf.Ravinder Kaur
1905098	Gurbax Singh	Object Detector	Pf.Arshdeep Kaur
1905099	Gurbir Singh	<i>Fire Alarm</i>	Pf.Rupinderjit Singh
1905100	Gurinder Singh	<i>Bridge Rectifier</i>	Pf.Harmeet Singh
1905101	Gurvinder Singh	<i>Magnetic Levitation</i>	Pf.Bhawna
1905104	Harsh	Design layout for IoT enabled study room	Pf.Karanbir Singh
1905105	Inderjeet Singh	LPG gas leakage Detector	Pf.Harmeet Singh
1905106	Inderjit Singh	<i>Fire Alarm System circuit using thermistor</i>	Pf.Rupinderjit Singh
1905107	Inderjit Singh	<i>Advanced Wireless Power Transfer system</i>	Pf.Bhawna
1905108	Iqbal Singh	Design street lighting for a village street	Dr.Arvind Dhingra
1905110	Jaskirat Singh	Smart Plant Watering System	Pf.Ravinder Kaur
1905111	Jaspreet Singh Matharoo	Design exterior lighting for a heritage building	Dr.Arvind Dhingra
1905112	Jatin Khajuria	Temperature Controlled Fan using Arduino	Dr.Navneet Singh
1905113	Karan Soni	Remote Control Switch	Pf.Karanbir Singh



1905114	Karanveer Singh	Automatic Street Light	Dr.Navneet Singh
1905115	Kaveesh Arora	Automatic Smoke Detector Alarm	Pf.Harmeet Singh
1905116	Krishna Kumar	<i>Fire detection and Alarm</i>	Pf.Rupinderjit Singh
1905118	Kunwarvir Singh	<i>Advanced Wireless Power Transfer system</i>	Pf.Bhawna
1905119	Lovepreet Singh	<i>Water Level Indicator</i>	Pf.Ravinder Kaur
1905120	Maninder Singh	12V to 220V Inverter	Pf.Amrinder Kaur
1905122	Mehakpreet Kaur	Analyze your home electricity bill and recommend energy saving measures to reduce the same.	Pf.Karanbir Singh
1905123	Mohit Kumar	IoT based smart energy management system	Pf.Arshdeep Kaur
1905124	Mulayam Singh	<i>Fire Alarm</i>	Pf.Rupinderjit Singh
1905125	Muskan	Mini Power Bank	Dr.Navneet Singh
1905126	Muskanpreet Kaur	Plant moisture monitoring system	Pf.Harmeet Singh
1905127	Navanjot Singh Mankoo	Design a soft starter for 5hp induction machine	Pf.Arshdeep Kaur
1905128	Nitish Kumar	Automatic Water Tap	Pf.Ravinder Kaur
1905129	Pankaj Dass	<i>Wireless Power Transfer System</i>	Pf.Bhawna
1905130	Parteek Kumar Chalotra	Fingerprint door lock system using Arduino	Pf.Amrinder Kaur
1905131	Pratik Anand	To find out the effect of tilt angle on solar PV generation	Pf.Samreet Kaur
1905132	Pinasha Mahi	<i>Water level indicator alarm using switching IC ULN2003</i>	Pf.Ravinder Kaur
1905133	Piyush Kumar	Single Axis Solar Tracker	Dr.Arvind Dhingra
1905134	Prabhjot Singh	Smoke detector System	Pf.Arshdeep Kaur
1905135	Prabhleen Kaur Dhaliwal	Charger for electrical vehicles	Pf.Amrinder Kaur
1905136	Prameek Singh	<i>Smart Burgular Alarm</i>	Pf.Harmeet Singh
1905137	Prince Kumar	Generation of step up DC using Marx Generator circuit	Pf.Preetinder Singh
1905139	Rajesh Kumar	<i>Measure automatic Water level</i>	Pf.Ravinder Kaur
1905140	Ranvir Singh	<i>Automatic Street Light</i>	Pf.Bhawna
1905141	Ritik Chaudhary	Fast charger for EV two wheeler	Pf.Karanbir Singh
1905142	Ritik Kumar	Obstacle Avoid Car	Pf.Gagandeep Singh
1905143	Ritika	<i>Clap based Fan switching system</i>	Pf.Preetinder Singh
1905144	Rohit Kumar	Fingerprint door lock system using Arduino	Pf.Gagandeep Singh
1905145	Roseleen Kaur	Main Power Supply failure alarm circuit	Pf.Amrinder Kaur
1905146	Rupinder Kaur	<i>Simple Clap Control Home Automation</i>	Pf.Preetinder Singh
1905149	Sahil Garg	To find out the effect of cooling of panels on solar PV generation	Pf.Samreet Kaur
1905150	Sangit Kumar	To find out the effect of dust on solar PV generation	Pf.Samreet Kaur
1905152	Saurav Kumar	Compare the calorific value of four different biomass materials	Pf.Samreet Kaur
1905153	Shivam Sharma	Traffic Light with microcontroller 89C51	Pf.Gagandeep Singh
1905154	Shubhkarman Singh	Stepper Motor Speed Control	Pf.Preetinder Singh
1905155	Siddharth Patel	Arduino based distance measurement using ultrasonic sensor	Pf.Gagandeep Singh
1905156	Simran Jassi	Moving Message Display Using Microcontroller	Pf.Arshdeep Kaur
1905157	Sourav Singh	Soil Moisture detector Circuit	Pf.Bhawna
1905158	Sukhvinder Singh	Obstacle Avoid Car	Pf.Karanbir Singh

1905159	Sukhvir Singh	Door Access control with password	Pf.Amrinder Kaur
1905160	Tanvir Kaur	Automatic room lighting using microcontroller	Pf.Gagandeep Singh
1905162	Twinkle	Mobile Phone Jammer	Pf.Samreet Kaur
1905163	Ujjawal Siddhu	Bluetooth Control Car	Pf.Karanbir Singh
1905164	Viraj Ahluwalia	Water level indicator alarm using switching IC ULN2003	Pf.Ravinder Kaur
1905166	Vishwajit Singh	Voice Controlled Car	Pf.Arshdeep Kaur
1905167	Vivek Raturi	Simulate a Buck circuit and study its effect	Pf.Samreet Kaur
1905168	Yogesh Kumar	Bluetooth Controller	Pf.Arshdeep Kaur
1905502	Harkaran Singh	Laser Security System	Pf.Amrinder Kaur
2004769	Akhil	Over voltage and under voltage protection system	Pf.Samreet Kaur
2004770	Amritpal Singh	Power Supply with Auto switching	Pf.Bhawna
2004771	Harshit Pandey	Simulate a Boost circuit and study its effect	Pf.Samreet Kaur
2004772	Harsimranjot Singh	Temperature Controller using DTH11 Sensor & Arduino	Pf.Bhawna
2004773	Irfan Ahmed	Earthquake Detector Alarm	Pf.Samreet Kaur
2004774	Jaaspinder Singh	Digital Stopwatch	Pf.Amrinder Kaur
2004775	Manvir Singh	Ultrasonic distance measurement device	Pf.Ravinder Kaur
2004776	Mohitpreet Singh	Tesla Coil/ Clap Control Electrical appliances	Pf.Preetinder Singh
2004777	Navjot Singh	Obstacle detecting stick for visually impaired	Pf.Karanbir Singh
2004778	Parmjeet Singh	Mini Power Bank	Pf.Arshdeep Kaur
2004779	Prince Kumar Kushwaha	Battery Charger with indication of charging rate	Dr.Arvind Dhingra
2004780	Raj Kumar Mishra	Simulate Line to Line fault and study its effect	Pf.Arshdeep Kaur
2004781	Rishi Attri	Mini Audio Amplifier	Pf.Amrinder Kaur
2004782	Taranjeet Kaur	Weather Monitoring Using IoT	Pf.Amrinder Kaur
2004783	Yatin Kumar	Mini Fault Detector	Pf.Samreet Kaur
2028559	Amandeep Kaur	Simulate Line to Ground fault and study its effect	Pf.Karanbir Singh
2104344	Siddhant	Simulate Double Line to Ground fault and study its effect	Pf.Ravinder Kaur
2104345	Sohil Khan	Automatic attendance system for a classroom	Pf.Amrinder Kaur
2104346	Sukhbir Singh	Check earth resistance for college main block and enlist factors affecting the same	Pf.Karanbir Singh
2104347	Sukhmanpreet Singh	Find out efficiency of 250kVA generator installed in college	Pf.Karanbir Singh
2104348	Vishavjeet Singh	Calculate total load for hostel no.1	Dr.Arvind Dhingra
2104349	Yashneel Singh	Calculate total load for hostel no.2	Dr.Arvind Dhingra


 Dr Arvind Dhingra
 Incharge Minor Projects

Cc: Notice boards for D3 EE classes

: All Project guides for kind information

: Department website

: HOD (EEG)

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11/20/2011