

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

Ref.No. EE/288

| 03.2021

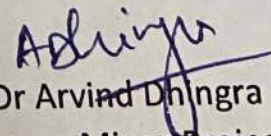
The following is list of allotted guides for minor project work for 6th semester electrical engineering students. Students are advised to contact their allotted guides for further directions. *Students who have not submitted synopsis till now are required to submit same to undersigned immediately.*

Roll No.	Name	Project Title	Guide
1706588	Anshul		Pf.Karanbir Singh
1805180	Harfateh Singh	Ultrasonic Radar using Arduino UNO	Pf.Amandeep Singh
1805258	Aashima	Servo distance indicator	Pf.Karanbir Singh
1805259	Abhayjot Singh	Fire Alarm	Pf.Ravinder Kaur
1805260	Abhishek Chauhan	Password based Circuit Breaker	Pf.Harmeet Singh
1805262	Aditya	Ultrasonic sensor to make blind stick	Pf.Rupinderjit Singh
1805263	Amanpreet Singh	Automatic Light system	Dr Navneet Singh
1805264	Amarbeer	LED distance indicator	Dr Arvind Dhingra
1805265	Amarjeet	Ultrasonic Radar System	Pf.Amandeep Singh
1805266	Anand Kumar		Pf.Karanbir Singh
1805267	Arpit	MQ2 Gas and smoke detector	Pf.Harmeet Singh
1805268	Arshdeep	Audio amplifier	Pf. Arshdeep Kaur
1805269	Ashish Kumar	Develop a system which displays remaining charge of batteries digitally	Dr Arvind Dhingra
1805270	Avinash Kumar	Touch on and off Switch circuit	Dr. Navneet Singh
1805271	Avneet Kaur	Solar based mobile charger	Pf. Gagandeep Kaur
1805272	Bimal	Light detection sensor	Dr.Navneet Singh
1805275	Deepak Patel	Portable Ultrasonic Range Meter	Pf. Gagandeep Kaur
1805276	Deepika	Smoke detector Alarm Circuit	Pf.Ravinder Kaur
1805277	Dharmdas Ram	Arduino Traffic Light Controller	Pf. Gagandeep Kaur
1805279	Gunjan Kumar	Speed control of DC motor using PWM method	Dr. Navneet Singh
1805280	Gur Amanat	Rotating Solar Panel using Arduino	Pf. Bhawna
1805281	Gurbhagat	Home Automation with Arduino	Pf.Baljeet Singh
1805282	Gurkirpal Singh	IoT based Energy Meter	Pf.Karanbir Singh
1805285	Gurman Singh	Zigbee based Wireless Home Security system	Pf. Gagandeep Kaur
1805286	Gurmanpreet	Arduino ultrasonic Radar Sonar Monitor System	Pf.Amandeep Singh

1805287	Gurpreet	Audio amplifier	Pf. Arshdeep Kaur	AKaur
1805288	Gurwinder Singh	Gas and Smoke sensor	Pf.Harmeet Singh	
1805289	Harjap Singh Khangura	Smart Plant watering System	Pf. Swapandeep Kaur	
1805290	Harjot Bathla	Solar Energy Tracker	Pf. Bhawna	
1805292	Harmeet Matharu	MQ2 Gas and smoke detector	Pf.Harmeet Singh	
1805293	Harsimran	Solar Tracking System	Pf. Bhawna	
1805294	Himanshu	Audio amplifier	Pf. Arshdeep Kaur	AKaur
1805295	Jagnoor kaur	Animatronic hand	Pf.Karanbir Singh	Ku
1805296	Jaideep Singh	Temperature controlled system	Pf. Samreet Kaur	JK
1805297	Jaishnav Basra	Ultrasonic Range detector using Arduino	Pf.Rupinderjit Singh	
1805298	Virendra Jalwani	Obstacle Avoiding Robot	Pf.Samreet Kaur	JK
1805299	Jaskaran Singh	Motion detector by using Interfacing Arduino and PIT sensor	Pf. Gagandeep Kaur	Ku
1805300	Jaskaranvir Singh	Energy Efficient Lighting system	Dr Arvind Dhingra	JK
1805301	Jasleen	Smart Plant watering System	Pf. Swapandeep Kaur	
1805304	Jyoti	Automatic Temperature controlled fan	Dr. Kanwardeep Singh	
1805306	Kriti	Making a gesture control model car	Pf. Gagandeep Kaur	Ku
1805307	Kulwinder Singh	Free Energy generator	Dr.Navneet Singh	JK
1805310	Mukesh	Control servo motor with Arduino	Dr. Kanwardeep Singh	
1805311	Navdeep	Automatic room lighting using microcontroller	Pf. Amrinder Kaur	Rij
1805312	Navjot Randhawa	arduino Laser Security Alarm with LDR	Pf.Ravinder Kaur	
1805313	Navpreet Singh	Ultrasonic water depth finder using Arduino UNO	Pf.Rupinderjit Singh	Rij
1805314	Neetish Kumar	LDR darkness sensor circuit	Pf. Amrinder Kaur	Rij
1805316	Piyush	Control DC Motor with an Arduino	Dr. Kanwardeep Singh	
1805317	Prabhdeep	Intruder Alarm using infrared sensor	Pf.Ravinder Kaur	
1805319	Prankush	Smoke Detection using MQ-2 sensor	Pf.Harmeet Singh	
1805320	Prince	Smart door lock using Wifi login page by Arduino	Pf. Bhawna	
1805321	Priyanka	Soil Moisture sensor with LCD display	Pf. Swapandeep Kaur	
1805322	Protsahan Dawar	PIR based motion detector	Pf.Amandeep Singh	A

1805325	Rahul	Home automation using Blynk App	Pf. Baljeet Singh
1805326	RAHUL Rajbhar	Wireless Power Transfer	Pf. Karanbir Singh
1805327	Ramanpreet Kaur	Metal detectors	Pf. Arshdeep Kaur
1805328	Ravneet Kaur	Generating Electricity from Peltier module using Seebeck Effect	Dr. Kanwardeep Singh
1805329	Ritika Kapoor	Arduino Radar	Pf. Amandeep Singh
1805330	Rohit Kumar	Home automation by interfacing of arduino UNO, Relay module and bluetooth module HC-05 for turning on and off a 5W LED Bulb via mobile application	Pf. Baljeet Singh
1805331	Rupesh Kumar	Arduino Traffic Light Controller	Pf. Gagandeep Kaur
1805332	S. Chetandeep	Light detector using LDR	Pf. Amrinder Kaur
1805333	Sahajdeep	Water level indicator and alarm using ULN2003IC	Pf. Ravinder Kaur
1805334	Sahibjot Singh		Dr. Navneet Singh
1805336	Sahil Saini	Gesture controlled car by interfacing Arduino LilyPad and accelerometer	Pf. Swapandeep Kaur
1805337	Sakshi	Door lock system with Arduino	Pf. Bhawna
1805338	Shah Nawaz Alam	Obstacle tracking braking system	Pf. Bhawna
1805341	Sourav Sharma		Pf. Samreet Kaur
1805342	Sukhchain Singh		Pf. Arshdeep Kaur
1805343	Sukhchain Singh	COVID-19 social distancing maintain device	Dr. Arvind Dhingra
1805344	Sukhvir	Smoke and Gas Leakage detector	Pf. Harmeet Singh
1805345	Tushar Jain	Interfacing of Arduino and ultrasonic sensor HC-SR04	Pf. Karanbir Singh
1805346	Ujjawal Singh	Dark detector	Pf. Amrinder Kaur
1805347	Vikash Chaudhary	Laser Security system	Dr. Navneet Singh
1805348	Virpal Singh		Pf. Amrinder Kaur
1805349	Vishal	Rain sensor Circuit	Pf. Arshdeep Kaur
1805350	Vishal Maddeshiya	Quadcopter	Dr. Arvind Dhingra
1805351	Vitin Sharma	LDR darkness sensor circuit	Pf. Amrinder Kaur
1805352	Yashasvi Sharma		Pf. Amandeep Singh
1805600	Kumar Akhil		Pf. Samreet Kaur
1805692	Prakash Ranjan	Power Efficient mini inverter	Pf. Bhawna

1905169	Ajay Kumar	Reverse Car Parking Alert using Arduino UNO	
1905170	Akashdeep	PIR automated intelligent zebra crossing	Pf. Swapandeep Kaur
1905172	Bhanu	Easy motion and gesture detection by OIR sensor and Arduino	Dr.Arvind Dhingra
1905173	Deepanshu Kukkar	Radar using Ultrasonic Sensor	Pf. Swapandeep Kaur
1905174	Harjinder	Smoke detector using arduino UNO	Pf.Amandeep Singh
1905175	HARJINDER Singh	Simple Robotic arm using Arduino	Pf.Harmeet Singh
1905177	Navjot Singh	Water level indicator and alarm using Arduino UNO	Pf.Samreet Kaur
1905178	Nikhil	Bluetooth controlled Car	Pf.Ravinder Kaur
1905179	Prabhjot	Home automation system	Pf.Rupinderjit Singh
1905180	Rajinder	Arduino Light Sensor circuit using LDR	Pf.Baljeet Singh
1905181	Saksham Gupta	Line following robot using Arduino UNO	Pf. Amrinder Kaur
1905182	Sarwan Singh	Ultrasonic water depth finder using Arduino UNO	Pf.Samreet Kaur
1905183	Satwinder Singh	Home automation system using Arduino	Pf.Rupinderjit Singh
1905184	Shivam	Smart Dustbin using Arduino UNO	Pf. Baljeet Singh
1905185	Simran	Fire Alarm system using Arduino UNO	Pf. Arshdeep Kaur
			Pf.Ravinder Kaur

  
 Dr Arvind Dhingra  
 Incharge Minor Projects

Cc: HOD EED : for information  
 All Project guides  
 DNB/ Departmental Website  
 Notice boards for D3 EE classes