



Students Project Details (2010 - 2014 Batch)

Group No.	PROJECT GUIDE	NAME OF STUDENTS	PROJECT TITLE	TYPE	Relevance	Mapping with Pos
1	Prof. Anuj Dhawan (External Guide, IIT, Delhi) Ms. Shipra Srivastava (Internal Guide)	Shivi Mishra	Nano-Structure Enhanced Solar Cells	Research	Environmental	a,c,e,i,j,k,l
2	Prof. Padma Batra	Anshul Gupta	Development of an Analog Front End for Electrical Impedance spectroscopy	Research	Safety	a,c,e,i,j,k,l
		Annu Sharma				
		Lavish Arora				
		Anshul Bansal				
3	Prof. Sarika Pal	Ambrish Kumar Shukla	Standard GPS receiver with LCD display using GPS Module	Application	Cost	a,c,d,e,j,k,l
		Amarjeet Mishra				
		Alok Kumar Dubey				
4	Prof. Sarika Pal	Azad Krishna Tripathi	Clock and Data Recovery	Product	Safety	a,c,e,i,j,k,l
		Abhinav Ahlawat				
		Anchal Wadhwa				
		Ashtha Sharma				
5	Prof. Amit Kumar	Sanjay Yadav	Design a Very High Speed, Low Power, Combinational logic Circuits.	Review	Cost	a,d,c,i,j,k,l
		Sarva Deep				
		Satendra Kumar				
		Vishal Gupta				
6	Prof. Pravesh Singh	Prashant Singh	Design & Implementation of Band Pass Filter.	Review	Ethics	a,c,g,i,j,k,l
		Rohit Kumar				
		Pankaj Kumar Singh				
		Kishan Verma				
7	Dr. Dharmendra Kumar	Bhanu Pratap	Microcontroller based LPG sensitive gas Leakage Alarm.	Product	Safety	a,c,g,i,j,k,l
		Deepak Chandra				
		Abhishek Singh				
		Ashish Kumar				
8	Dr. K P Mishra	Mamta Upreti	Design and Implementation of DC motor control with chopper	Application	Cost	a,c,e,i,j,k,l
		Arti Tyagi				
9	Dr. K P Mishra	Raj Dutt Mishra	Monitor and Control of Green House Environment	Review	Environmental	a,c,d,i,j,k,l
		Shubham Kumar				
		Shruti Modi				
		Shalini Sharma				

10	Mr. Manish Singh	Himanshu Yadav	GPS Based Travellers' Smart Alarm System	Applicaion	Safety	a,c,g,f,j,k,l
		Kushal Tripathi				
		Aashish Garg				
		Himanshu Mittal				
11	Mr. N R Srivastava	Amit Kumar	Design and Implementation of Wheel-Chair for Disabled person	Product	Ethics	a,c,g,i,h,k,l
		Amit Roy				
		Ajit Kumar Maurya				
		Aditya Kumar				
12	Mr. N R Srivastava	<i>Disha Sharma</i>	Design and Implementation of Automatic Train Controller	Product	Safety	a,c,g,i,j,k,l
		Shubham Aggarwal				
13	Mr. Praveen Kaushik	Tarun Kumar	Power Penalty analysis in Radio-Over-Fiber system using MATLAB	Research	Ethics	
		Shiv Kumar Lakha				
14	Mr. Amit Bohra	Himanshi Agarwal	Street Light	Applicaion	Cost	a,c,d,i,j,k,l
		Hanu Agarwal				
		Ayush Jain				
		Nikhil Nandan Verma				
15	Ms. Ruchita Gautam	Shankey Chaudhary	Vehicle Tracking System using GPS and GSM Module and Impact Sensor	Applicaion	Safety	a,c,g,i,j,k,l
		Somil Rastogi				
		Shashank Chandra				
		Shashank Sharma				
16	Ms. Ruchita Gautam	Vishakha Vimal	Self adjusting Solar Panel	Review	Environmental	a,b,c,g,i,j,k,l
		Vipul Singh				
		Shalaka Verma				
		Sonali				
17	Ms. Shweta Varshney	Ankur Tyagi	Microcontroller based Movement Counter	Applicaion	Cost	a,c,g,i,j,k,l
		Nikunj Sharma				
		Akshay Goel				
18	Ms. Ila Agarwal	Charu Sharma	Design & Implementation of filter of frequency up to 1 GHz band	Review	Ethics	a,b,c,g,i,j,k,l
		Arzoo Jaiswal				
		Deependra Kumar				
		Devender Kumar Yadav				
19	Ms. Ila Agarwal	Surabh Bhatia	Design & Implementation of Satellite Transponder range (4-8 GHz) Filter	Review	Ethics	a,c,g,i,j,k,l
		Rahul Awasthi				
		Swati Kaushal				
		Reshu Rani				
		Shashank Jain				
20	Mr. Himanshu Sharma	Prashant Kumar Maurya	Microcontrollers (ATMEGA 32) Smart Power control system using RF module	Applicaion	Ethics	a,c,f,i,j,k,l
		Shampy Jain				
		Vipin Kumar				
21	Ms. Pooja Tyagi	Surbhi Gupta	Sun Tracker with Position Display using ATMEGA 16.	Applicaion	Environmental	a,c,g,i,j,k,l
		Sukriti Dubey				
		Divye Kapoor				

22	Ms. Pooja Tyagi	Abhay Kumar	SMS based Automation system using AT89C51 W.P89V51	Applicaion	Cost	a,c,g,i,j,k,l
		Abhay Patel				
23	Mr. Rakesh Kumar	Dharm Raj Maurya	Filter Design (HPF, LPF, BPF) using Cadence orcad.	Review	Ethics	a,c,g,i,j,k,l
		Deepti Azad				
		Manish Kumar				
		Kuldeep Singh Rathode				
24	Mr. Rakesh Kumar	Vishal Varshney	RFID based Security System	Applicaion	Safety	a,c,g,i,j,k,l
		Sunil Rajpoot				
		Vivek kumar				
		Sankalp Shukla				
25	Mr. Sunil Kumar	Prashant Kumar	Face Detection system design	Review	Safety	a,c,e,i,j,k,l
		Sadia Parvez				
		Vaibhav Aggarwal				
		Varsha Saini				
26	Mr. Balram Tamrakar	Neelesh Kumar Chaudhary	Traffic Light Controller	Research	Cost	a,c,g,i,j,k,l
		Jitendra Pratap Singh				
		Lovanya Chaudhary				
		Divyanshu Katiyar				
27	Mr. Balram Tamrakar	Nisha Chaudhary	Eletronic toll Tax Barrier using Microcontroller	Applicaion	Cost	a,c,g,i,j,k,l
		Swati Khanna				
		<i>Akanksha Kaushik</i>				
		Manjeet Dang				
		<i>Priyanka Aggarwal</i>				
28	Mr. Umesh Sharma	Disha Mishra	Design a basic digital communication system on MATLAB	Review	Ethics	a,c,f,i,j,k,l
		Aanchal Sokhday				
		Mohit Nagaria				
		Ankita Singh				
29	Mr. Umesh Sharma	Rahul Maurya	Automatic Wiping System with leakage indicator	Applicaion	Safety	a,c,g,i,j,k,l
		Shakshi Kapoor				
		Mansi Joshi				
		Shah Ishan				
30	Mr. Kuldeep Jamini	Amit Sharma	Magneto-Hydrodynamic Antenna	Product	Ethics	a,c,d,i,j,k,l
		Anshul Pujari				
		Ashish Kumar				
		Neeraj Verma				
31	Ms. Farhat Parveen	Arushi Rathi	Multipexing efficiency of MIMO Antenna	Review	Ethics	a,c,g,i,j,k,l
		Anjuli				
		Ankit Luv Mittal				
		Gaurav Singla				
32	Ms. Farhat Parveen	Kamal Kumar Sen	Wireless Finger-Print access control system based on Zig-Bee technology	Review	Ethics	a,c,g,i,j,k,l
		Amrendra Kumar Gupta				
		Amit Kumar Gupta				
		Mohit Verma				
		Rampal Yadav				

33	Mr. Satya Prakash Singh	Ashish Kumar	Microcontroller based Metro Door opening system	Product	Cost	a,c,g,h,j,k,l
		Ashish Kumar				
34	Ms. Somia Sharma	Medhavi Kakkar	Design and Implementation of Robo-Car	Product	Product	a,c,f,i,j,k,l
		Nishant Chaudhary				
		Sarthak Bansal				
35	Mr. Ankit Goel	Rahul Singh	Design of 4-bit Adder on Cadence	Review	Ethics	a,c,e,i,j,k,l
		Smit Tanwar				
		Prashant Kumar				
36	Mr. Vipin Kumar Verma	Satish Chaturvedi	Design of Digital Filters using MATLAB	Review	Ethics	a,c,g,i,j,k,l
		Sumit Tanwar				
		Sarthak Bansal				
		Shobhit Tyagi				
37	Mr. Vikas Kumar	Somesh Kumar Vaishya	Design & Implementation of Controlling of Robot via Gesture-Control	Review	Ethics	a,c,g,h,j,k,l
		Shailesh Kumar				
		Srijan Srivastava				
		Samarth Tandon				

Dr. Sanjay Sharma
(HoD, ECE)