



Students Project Details (2011 - 2015 Batch)

| Group No. | PROJECT GUIDE | NAME OF STUDENTS | PROJECT TITLE | TYPE | Relevance | Mapping with Pos |
|-----------|----------------------|----------------------|--|------------|---------------|------------------|
| 1 | Dr. Padma Batra | Prashant Gupta | Wireless Network and Sensor Based Home monitoring System using LABVIEW | Review | Ethics | a,c,g,i,j,k,l |
| | | Prateesh Kumar Singh | | | | |
| | | Pratiksha Sachan | | | | |
| | | Priya Agarwal | | | | |
| 2 | Dr. Padma Batra | Nakul Garg | GSM based Industrial Automation | Applicaion | Cost | a,c,d,i,j,k,l |
| | | Nakul Gupta | | | | |
| | | Tushar Maheshwari | | | | |
| | | Nikhil Bhardwaj | | | | |
| 3 | Prof. Sarika Pal | Mansi Agarwal | Design and Implementation of Electronic Voting Machine | Review | Cost | a,c,g,i,j,k,l |
| | | Pooja Bharti | | | | |
| | | Prerna Priya | | | | |
| | | Shweta Singh | | | | |
| 4 | Prof. Amit Kumar | Shubham Agarwal | Design and Implementation of Smart home using PIR | Applicaion | Cost | a,c,g,i,j,k,l |
| | | Shubham Mittal | | | | |
| | | Sugam Kumar Agarwal | | | | |
| | | Sumit Rastogi | | | | |
| 5 | Prof. Pravesh Singh | Rikhil Parashar | Design and Implementation of Wireless water tank monitoring & control logic | Review | Environmental | a,c,g,h,j,k,l |
| | | Shantanu Makkar | | | | |
| | | Vardan Singhal | | | | |
| | | Vivek Kunal | | | | |
| 6 | Dr. Dharmendra Kumar | Kalpana | Design and Implementation of microcontroller based ultrasonic object detector | Applicaion | Safety | a,c,e,i,j,k,l |
| | | Pragati Gurudev | | | | |
| | | Gayatri Kumari | | | | |
| 7 | Dr. K P Mishra | Chetan Yadav | Design and Implementation of Home appliance control using Blue-Tooth | Product | Cost | a,c,g,i,j,k,l |
| | | Hemant Sharma | | | | |
| | | Tara Chandra | | | | |
| | | Shubham Katiyar | | | | |
| 8 | Dr. K P Mishra | Anuj Kumar | Design and Implementation of Microcontroller based Movement Detector using Movement Sensor | Review | Safety | a,c,g,h,j,k,l |
| | | Krishna Kant | | | | |
| | | Krishan Kumar | | | | |
| | | Pankaj | | | | |

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|----|-----------------------|--------------------|---|------------|--------|---------------|
| 9 | Mr. N R Srivastava | Akanksha Verma | Design and Implementation of Fire Alarm with Sprinkle System | Applicaion | Safety | a,c,g,i,j,k,l |
| | | Akash Kumar | | | | |
| | | Himanshu Barna | | | | |
| | | Chandana Laskar | | | | |
| 10 | Mr. Manish Kr Singh | Shashwat Dixit | Design and Implementation of Glove Controlled Robotic Car | Product | Safety | a,c,g,i,j,k,l |
| | | Sachin Kumar | | | | |
| | | Alok Shankar Dubey | | | | |
| | | Ayush Sharma | | | | |
| 11 | Ms. Ruchita Gautam | Preetika Tandon | Design and Implementation of Analysis of 4-bit adder using Cadence | Review | Ethics | a,c,g,h,j,k,l |
| | | Pratibha Gupta | | | | |
| | | Vartika Singh | | | | |
| | | Nikita Verma | | | | |
| 12 | Mr. Pravin Kaushik | Anuj Poddar | Design and Implementation of BER Analysis of ROF system using GMSIS modulation technique | Research | Ethics | a,c,g,i,j,k,l |
| | | Ankit Kharkwal | | | | |
| | | Kaushik Ghosh | | | | |
| | | Ashutosh | | | | |
| 13 | Mr. Amit Bohra | Sadiq Hussain | Design and Implementation of Sequence Detector using VHDL | Applicaion | Ethics | a,c,g,i,j,k,l |
| | | Shubham Goel | | | | |
| | | Amit Kumar | | | | |
| | | Ashish Goswami | | | | |
| 14 | Mr. Amit Bohra | Rahul Khatana | Design and Implementation of Sequence Generator using VHDL | Applicaion | Ethics | a,c,f,i,j,k,l |
| | | Rajeev Kumar | | | | |
| | | Rajan Tyagi | | | | |
| | | Rahul Singhal | | | | |
| 15 | Ms. Shipra Srivastava | Aditya Chaudhary | Design and Implementation of Koch Fractal Antenna | Research | Ethics | a,c,g,i,j,k,l |
| | | Gaurav Singh | | | | |
| 16 | Ms. Ila Agarwal | Amrita Chaudhary | Design and Implementation of Stepped Impedance LPF | Review | Ethics | a,c,d,i,j,k,l |
| | | Monalisa Jha | | | | |
| | | Shraddha Shukla | | | | |
| | | Rashmi Singh | | | | |
| 17 | Mr. Himanshu Sharma | Chandan Maheshwari | Design and Implementation of Microcontroller based Home automation | Applicaion | Cost | a,c,f,i,j,k,l |
| | | Avaneesh Kr Rai | | | | |
| | | Divyanshu Tyagi | | | | |
| | | Ashutosh Tripathi | | | | |
| 18 | Ms. Pooja Tyagi | Ankit Bhargava | Design and Implementation of Celsius & Fahrenheit scale digital thermometer using microcontroller | Applicaion | Cost | a,c,g,i,j,k,l |
| | | Ankur Malik | | | | |
| | | Ashoo Jaiswal | | | | |
| | | Ankit Nirwal | | | | |
| 19 | Mr. Ankit Goel | Karan | Design and Implementation of VHDL based 32-bit ALU | Applicaion | Ethics | a,c,d,e,j,k,l |
| | | Rajiv Tripathi | | | | |
| | | Kartik Agarwal | | | | |
| | | Akshay Solanki | | | | |

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|----|-------------------------|----------------------|---|------------|---------------|-----------------|
| 20 | Mr. Sunil Kumar | Srurbhi Rajput | Design and Implementation of Gesture recognition using Image Processing | Research | Ethics | a,c,e,i,j,k,l |
| | | Vibha Verma | | | | |
| | | Shreyansh Gupta | | | | |
| | | Vipul Pachauri | | | | |
| 21 | Mr. Sunil Kumar | Pragati Tiwari | Design and Implementation of automated vehicle challan generation system using Image Processing | Applicaion | Safety | a,c,g,i,j,k,l |
| | | Garima Pandey | | | | |
| | | Khushboo Upadhyay | | | | |
| | | Shabana Tarannum | | | | |
| 22 | Mr. Balram Tamrakar | Rishabh Jain | Design and Implementation of Infrared Proximity Detector performance & Evaluation | Review | Safety | a,c,g,f,j,k,l |
| | | Nidhi Agarwal | | | | |
| | | Himanshu Pandey | | | | |
| | | Indrajit Kumar Singh | | | | |
| 23 | Mr. Satya Prakash Singh | Ashish Chaubey | Design and Implementation of Microcontroller based Sunlight Tracker | Applicaion | Environmental | a,c,e,i,j,k,l |
| | | Kartik Parolia | | | | |
| | | Arpit Singh | | | | |
| | | Aparna | | | | |
| 24 | Mr. Rakesh Kumar | Smriti Khanna | Design and Analysis of 4-bit Adder and Subtractor using Cadence | Research | Ethics | a,d,c,i,j,k,l |
| | | Akshit Chauhan | | | | |
| | | Sneha Joshi | | | | |
| | | Sonam Agarwal | | | | |
| 25 | Mr. Rakesh Kumar | Ankit | Performance Analysis of Full Adder using Cadence | Review | Ethics | a,c,g,i,j,k,l |
| | | Amit Dubey | | | | |
| | | Ambuj Jain | | | | |
| | | Jitanshu Srivastava | | | | |
| 26 | Mr. Kuldeep Jaimini | Tushar Agarwal | Design and Implementation of RFID based Campus Monitoring System | Applicaion | Safety | a,c,g,f,j,k,l |
| | | Kriti Kanodia | | | | |
| | | Tanvi Nikhar | | | | |
| | | Vaibhav Kumar | | | | |
| 27 | Mr. Umesh Sharma | Rahul Patel | Design and Implementation of Mobile controlled Electrical Appliances | Product | Cost | a,c,g,i,j,k,l |
| | | Puneet Yati | | | | |
| | | Rahul Kr Verma | | | | |
| | | Rahul Rajoriya | | | | |
| 28 | Mr. Umesh Sharma | Swadesh Kr Prajapati | Design and Implementation of Sound Pollution Controller | Review | Environmental | a,b,c,g,i,j,k,l |
| | | Ankit | | | | |
| | | Deepak | | | | |
| | | Vansh Tyagi | | | | |
| 29 | Mr. Vipin Verma | Raghav Kumar | Design and Implementation of Gestures controlled robotic arm | Review | Ethics | a,b,c,g,i,j,k,l |
| | | Shivansh Manaktala | | | | |
| | | Shravan Kumar Singh | | | | |
| | | Shishuraj Pandey | | | | |
| 30 | Mr. Vikas Kumar | Akshdeep Punn | OFDM simulation of digital video broadcasting standard | Review | Ethics | a,c,g,i,j,k,l |
| | | Mansi Gupta | | | | |
| | | Jeetendra Kumar | | | | |
| | | Ankur Varshney | | | | |
| 31 | Ms. Somia Sharma | Manorama Rai | Design and Implementation of RF waves Land Robot | Product | Ethics | a,c,f,i,j,k,l |
| | | Himanshu Kumar | | | | |
| | | Kritika Makhija | | | | |
| | | Savinay Kumar | | | | |
| 32 | Mr. Mohit Tyagi | Aman Verma | Design and Implementation of Gas leakage & fire detection system with alarm | Applicaion | Safety | a,c,g,i,j,k,l |
| | | Aman Chaudhary | | | | |
| | | Ajeet Kumar | | | | |
| 33 | Ms. Kamini Upadhyay | Anshuli Gupta | Design and Implementation of Arduino based Street light controller using Latitude & Longitude of any Location | Applicaion | Ethics | a,c,g,i,j,k,l |
| | | Heena Pathak | | | | |
| | | Arihant Jain | | | | |

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| 34 | Ms. Ragini Sharma | Harsh Katiyar | Design and Implementation of Micro strip patch antenna | Review | Ethics | a,c,g,f,j,k,l |
| | | Lalit Kumar | | | | |
| | | Dheeraj Kumar | | | | |
| 35 | Ms. Veena Verma | Gaurav Rathi | Design and Implementation of Genetic Algorithm Based PID Tuning using MATLAB | Research | Ethics | a,c,e,i,j,k,l |
| | | Mohd. Sarfaraz | | | | |
| | | Naveed | | | | |
| 36 | Mr. Sachin Tyagi | Suvarna Jain | Design and Implementation of Microcontroller based home security system | Applicaion | Safety | a,d,c,i,j,k,l |
| | | Swati Jain | | | | |
| | | Siddharth Jain | | | | |
| | | Priyanka | | | | |

Dr. Sanjay Sharma
(HoD, ECE)

