



G.L.BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
STUDENT PROJECT DETAILS (2015-19 BATCH)

GROUP	ROLL NO	STUDENT NAME	TOPIC	GUIDE NAME	TYPE	RELEVANCE	MAPPING WITH POs & PSOs
G1	1519231005	ABHISHEK MISHRA	DESIGN AND IMPLEMENTATION OF SMART BIN FOR SMART CITIES	Dr. Rajeev Agrawal/ Mr. Amiya Prakash	Application	Environment/Society	PO1,PO2,PO3,PO5,PO6, PO7, PO9,PO10,PO12, PSO1
	1519231001	AAKANKSHA JOSHI					
	1519231045	KIRTI SINGH					
G2	1519231116	VIVEK GUPTA	DESIGN AND DEVELOPEMENT OF ELECTRONIC DEVICE TO KILL THE WATER BORNE PATHOGENS	Dr. Satyendra Sharma/ Mr. Pradip Vishwakarma	Product	Environment/Society	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO8,PO11,PO12, PSO1
	1519231013	AKSHAY RAJ					
	1519231004	ABHISHEK KUMAR					
	1519231014	ALI HAMZA					
G3	1519231061	NILESH RAJA	DESIGN AND DEVELOPMENT OF HIGH ALTITUDE BALOON FOR TRANSCEIVER	Dr. Satyendra Sharma	Research	Ethics	PO1,PO2,PO3,PO4,PO5, PO7,PO8,PO9,PO10, PO11,PO12, PSO2
	1519221013	ANKITA SHREE					
	1519231065	PRANAV KANSAL					
G4	1519231030	DEEPAK PANWAR	DESIGN AND DEVELOPMENT OF LOW NOISE AMPLIFIER USING MOSFET	Dr. Pankaj Pathak	Review	Sefety	PO1,PO3,PO5,PO8,PO9, PO12, PSO2
	1519231062	OM PRAKASH SINGH					
	1519231058	NAVNEET KUMAR					
	1519231023	ATUL NARAYAN					
G5	1519231055	MOHD. AATIF KHAN	DESIGN AND DEVELOPMENT OF THE CIRCUIT FOR REDUCTION IN THE LEAKAGE CURRENT	Dr. Pankaj Pathak	Review	Sefety	PO1,PO2,PO3,PO4,PO5, PO7,PO8,PO9,PO10, PO11,PO12, PSO2
	1519231015	ALOK SINGH					
	1519231008	ADITYA KUMAR					
	1519231049	LAKSHAMI NARAYAN SAH					
G6	1519200109	SHUBHAM CHAUHAN	DESIGN AND DEVELOPMENT OF BIO AVM (AUTOMATIVE VENDING MACHINE)	Dr. Amit Sehgal	Product	Society	PO1,PO3,PO4,PO5,PO7, PO9,PO10,PO12, PSO1
	1519231114	VISHAL ANAND					
	1519231113	VINEET KUMAR					
	1519200008	AJAY KUMAR SINGH					
G7	1519231042	KARAN PATEL	DESIGN AND IMPLEMENTATION OF WATER POLLUTION DETECTOR FOR SWACHH BHARAT ABHIYAN	Dr. Amit Sehgal/ Mr. Piyush Yadav	Product	Environment/Society	PO1,PO2,PO3,PO4,PO5, PO6,PO8,PO9,PO10, PO12,PSO1, PSO2
	1519231002	ABHAY PRATAP SINGH					
	1519231010	AFTAB ALAM					
	1519231033	FARUQUE ANSARI					

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G8	1519231048	KRITI GUPTA	DESIGN AND ANALYSIS OF FRACTAL MICROSTRIP PATCH ANTENNA	Dr. Dinesh Kumar Singh	Review	Environment	PO1,PO3,PO5,PO6,PO7, PO8,PO9,PO10,PO12, PSO2
	1519231071	RAJAT NIGAM					
	1519231079	RITU ROY					
	1519231109	UDAY KUMAR					
G9	1519231007	ADITI BAUNTHIYAL	DESIGN AND IMPLEMENTATION OF FIR FILTER USING DA ALGORITHM ON FPGA	Dr. Amrita Rai/ Mr. Vikas Gupta	Review	Cost	PO1,PO3,PO5,PO8,PO12, PSO1
	1519231059	NEHA					
	1519231063	PALLAVI DWIVEDI					
	1519231068	PRIYANKA KUMARI					
G10	1519231095	SHIVAM GUPTA	DESIGN AND DEVELOPMENT OF SMART AGRICULTURE SYSTEM	Dr. Amrita rai	Application	Society	PO1,PO2,PO3,PO4,PO5,PO6, PO7,PO9,PO10,PO11,PO12, PSO1
	1519231072	RAKESH CHAUDHARY					
	1519231017	AMRIT JEEVAN					
	1519240058	AYUSHI KIRTI SINGH					
G11	1519231027	BHUMISHA SAINI	DESIGN AND DEVELOPMENT OF MACHINE LEARNING BASED TRANSPORT SYSTEM	Dr. K K Singh	Application	Society	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO8,PO12, PSO1
	1519231104	SHYANVI KESHRI					
	1519231111	VARUN KUMAR SINGH					
G12	1519231089	SAKSHI UPADHYAY	DESIGN AND DEVELOPMENT OF AN ASSIST DEVICE FOR DEAF AND DUMB USING MACHINE LEARNING	Dr. K K Singh	Product	Cost/Society	PO1,PO2,PO3,PO4,PO5,PO6 PO7,PO9,PO10,PO12, PSO1
	1519231090	SANDEEP NANDA					
	1519231012	AKASH DEEP					
	1519231043	KARISHMA RAWAT					
G13	1519231025	BHAVYA BHATNAGAR	DESIGN AND DEVELOPMENT OF PULSE FORMING NETWORK	Dr. Shilpa chaudhary	Review	Sefety	PO1,PO3,PO5,PO8,PO9, PO12,PSO2
	1519231115	VISHAL YADAV					
	1519231081	ROSHAN KUMAR					
G14	1519240191	ROHIT KUMAR	UNIVERSAL ENVIRONMENT MONITORING USING WIRELESS SENSOR NETWORK	Dr. Shilpa chaudhary/Ms Aparna Mishra	Application	Environment	PO1,PO2,PO5,PO6,PO7, PO8,PO9,PO12, PSO2
	1519231028	CHHTRAPAL SAHU					
	1519231037	HEMANT KUMAR MISHRA					
	1519231056	MUKESH KUMAR					
G15	1519231057	MUKUL SHARMA	DESIGN AND DEVELOPMENT OF SMART WET WASTE COMPOSTER	Mr. Piyush Yadav	Research	Society/Environment	PO1,PO3,PO4,PO5,PO6, PO7,PO9,PO12, PSO1,PSO2
	1519231086	SAKSHAM SANGAL					
	1519231077	RITU RAJ					
	1519231069	PRIYANKA PAL					

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G16	1519231034	GARIMA SINGH	DESIGN AND IMPLEMENTATION OF LOW DYNAMIC POWER AND AREA OPTIMIZED REVERSIBLE ALU ON ARTIX-7 FPGA	Mr. Dharmender Nishad	Review	Safety	PO1,PO2,PO3,PO5,PO8, PO9,PO11,PO12, PSO1
	1519231036	HARSH AGRAWAL					
	1519231041	HIMANSHU RANJAN					
G17	1519231083	SACHIN RAWAT	MONITORING OF SOLDIERS MOVEMENT AT BORDER USING HIGH FREQUENCY	Mr. Mohan singh 1	Application	Safety	PO1,PO2,PO3,PO5, PO6,PO7,PO12, PSO2
	1419231073	PRATEEK SHRIVASTAVA					
	1519231006	ADARSH KUMAR					
	1519231118	YASH SINGH YADAV					
G18	1519231085	SAIF JAMAL	DESIGN AND ANALYSIS OF SMPS USING CMOS SINGLE PHASE FULL BRIDGE RECTIFIER FOR REDUCTION OF COMMON MODE NOISES	Mr. Ashish Tiwari	Review	Safety	PO1,PO2,PO3,PO5,PO6,PO8,P O9,PO12,PSO1
	1519231053	MD RAGHIB AHMAD					
	1519231100	SUBHAM KUMAR JHA					
	1519231060	NIDHI SINGH					
G19	1519231009	ADITYA TYAGI	DESIGN AND ANALYSIS OF FRACTAL ANTENNA FOR WIRELESS LAN	Mr. Mayank Rai	Research	Society	PO1,PO2,PO3,PO5,PO6,PO7, PO8,PO9,PO12, PSO2
	1519231091	SANKET MISHRA					
	1519231003	ABHISHEK CHAUHAN					
	1519231110	UTKARSH RAJ					
G20	1519231026	BHAWNA CHAUHAN	DESIGN AND IMPLEMENTATION OF SAFETY MANAGEMENT SYSTEM FOR VEHICLES	Mr. Mohan singh 2	Application	Safety	PO1,PO2,PO3,PO5, PO6,PO7,PO8,PO9, PO12,PSO1
	1519231108	SWATI GUPTA					
	1519231105	SUBHAM KUMAR KESHRI					
G21	1519231073	RASHI KHANDELWAL	DESIGN AND CHARACTERISATION OF MAGNETO ELECTRIC DIPOLE ANTENNA	Mr. Mayank Rai	Review	Cost	PO1,PO2,PO3,PO5,PO6, PO12,PSO2
	1519231050	LAKSHYA SRIVASTAVA					
	1519231024	AVIRAL SINGH					
G22	1519231011	AJAY CHAUHAN	DESIGN AND DEVELOPMENT OF SAFETY GATE SYSTEM FOR UNMANNED RAILWAY CROSSING	Ms. Mudita vats	Product	Safety/Society	PO1,PO2,PO3,PO5,PO6, PO7,PO9,PO11,PO12, PSO1
	1519231064	PANKAJ YADAV					
	1519231038	HIMANSHU GAMBHIR					
G23	1519231096	SHIVAM RAJPUT	DESIGN AND DEVELOPMENT OF SMART OPERATED BATTERY FOR NEW GENERATION VEHICLES	Mr. Rahul kumar	Product	Cost	PO1,PO2,PO3,PO5,PO6, PO7,PO8,PO9,PO11, PO12,PSO1
	1519231040	HIMANSHU KUMAR SINGH					
	1519231102	SHUBHAM SAURAV					
G24	1519231094	SHAURYA DEEP SINGH	DESIGN AND IMPLEMENTATION OF SELF DEFENCE DEVICE FOR WOMEN'S SAFETY	Ms. Shylaja. V	Product	Safety	PO1,PO3,PO5,PO6,PO8,PO9,P O10,PO12,PSO1
	1519231106	SUBHANGINI KUMARI					
	1519231107	SUMIRAN MEHRA					
G25	1519200071	MUJAHID SAIFI	DESIGN OF CMOS INSTRUMENTATION AMPLIFIER FOR LOW CURRENT SENSING ELEMENT	Ms. Shylaja. V	Review	Safety	PO1,PO2,PO3,PO5,PO6 PO9,PO12, PSO1
	1519231101	SHUBHAM SAURABH					
	1419231013	AJAY KUMAR SHAH					

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G26	1519231039	HIMANSHU GUPTA	DESIGN OF ADIABATIC LOGIC BASED 6 T-SRAM LOW POWER VLSI CIRCUIT	Mr. Puneet kumar Mishra	Review	Safety	PO1,PO3,PO5, PO6, PO8, PO10, PO12,PSO1
	1519231032	DIVYANSHU SHARMA					
	1519231031	DIVYAM SRIVASTAVA					
	1519231035	GARVEET TIWARI					
G27	1519231051	MANSI PARASAR	DESIGN OF LOW POWER DOMINO LOGIC CIRCUIT IN DEEP SUB MICRON TECHNOLOGY USING CMOS	Mr. Puneet kumar Mishra	Review	Ethics	PO1,PO3,PO5,PO8, PO12,PSO1
	1519231021	ARTI					
	1519231016	AMAN KUMAR GAUTAM					
	1519231082	SACHIN KUMAR					
G28	1619231901	ABHINAY KUMAR	DESIGN AND IMPLEMENTATION OF MIMO ANTENNA FOR X-BAND/WIRELESS COMMUNICATION	Mr. Pankaj Kumar singh/Mr. Awanish Kaushik	Review	Environment	PO1,PO3,PO5,PO7,PO8, PO10,PO12, PSO2
	1519231067	PRASHANT GOSWAMI					
	1519240171	RAJ KISHOR					
G29	1519231093	SHASHWAT PRATAP SINGH	DESIGN OF UWB ANTENNA WITH MULTIPLE NOTCHED FUNCTION FOR WIRELESS APPLICATION	Mr.Pankaj Kumar Singh	Review	Environment	PO1,PO3,PO5,PO7,PO8, PO10,PO12,PSO2
	1519221047	RANJEET KUMAR					
	1519231097	SHIVAM SINGH					
G30	1519231092	SARVESH KUMAR VERMA	DESIGN AND DEVELOPMENT OF LIFE SAVING ELEMENT ON EXPRESSWAY IN INDIA	Mr. Hasan Mujtaba	Application	Safety	PO1,PO2,PO3,PO5,PO6, PO8,PO10,PO11,PO12, PSO1,PSO2
	1519231029	DEEPAK KUMAR					
	1519231084	SAHIL KUMAR					
G31	1519231080	ROHIT KUMAR	DESIGN AND DEVELOPMENT OF REMOTE HEALTH DIAGNOSTIC SYSTEM USING IoT	Mr. Ramkrishna	Product	Society	PO1,PO2,PO3,PO5,PO6, PO7,PO8,PO9, PO10,PO12,PSO2
	1519231099	SHUBHAM ANAND					
	1519231052	MAYANK SHEKHAR					
	1519231022	ASHUTOSH PANDEY					
G32	1519231018	ANSHU KUMARI	DESIGN AND IMPLEMENTATION OF SAFETY DEVICE TO DETECT AND REMOVE HAZARDOUS GASES IN SEWAGE	Mr. Pradeep Bharadwaj	Product	Sefety/Society	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO9,PO12, PSO1
	1519231019	APARNA SHANKAR					
G33	1519231119	ZEBA AFRIN	DESIGN AND DEVELOPMENT OF AIR POLLUTION COMPENSATING CIRCUIT	Mr. Pradeep Bharadwaj	Product	Environment	PO1,PO2,PO3,PO5,PO6, PO7,PO9,PO12, PSO2
	1519231046	KRATIKA SAXENA					
	1519231054	MITHUN					
	1519231103	SHUBHANSHU					
G34	1519231078	RITU SINGH KAUSHIK	DESIGN AND IMPLEMENTATION OF ULTRASONIC RADAR TO DETECT TERRORISM	Ms. Smriti Sachan	Product	Safety	PO1,PO3,PO5,PO6,PO7,PO12 PSO2
	1519231070	RAHUL SHEKHAR					
	1519231088	SAKSHI RAI					
	1519231098	SHREYA SHARMA					
DR.SATYENDRA SHARMA (H.O.D. ECE DEPTT.)							

