



G.L.BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

PROJECT GROUPS AND GUIDES (Batch: 2018-2022)

GROUP	ROLL NO	STUDENT NAME	TITLE OF PROJECT	PROJECT GUIDE	TYPE	RELEVANCE	MAPPING WITH POs & PSOs
G1	1819231039	DIVYANSHI KATIYAR	DESIGN AND DEVELOPMENT OF COOLING SYSTEM USING SEMICONDUCTOR TECHNOLOGY UNDER LOW VOLTAGE CONDITION	Dr. Satyendra Sharma	Application	System design	PO1, PO3, PO4, PO5, PO6, PO8, PO10, PO12, PSO1
	1819231038	DEV PARIHAR					
	1819231004	ABHISHEK SINGH					
	1819231050	KAMIYA YADAV					
G2	1819231011	AKASH SHARMA	FPGA IMPLEMENTATION OF UART TO I2C BRIDGE USING VERILOG HDL	Dr. Satyendra Sharma	Review	Environmental	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	1819231049	ISHA GOEL					
	1819231062	MD. SAHJAD					
	1819231047	HUNNY SINGH					
G3	1819231003	ABHISHEK PAL	FPGA IMPLEMENTATION OF UART TO I2C BRIDGE USING VERILOG HDL	Dr. Dinesh Kumar Singh	Research	Problem Analysis	PO1, PO2, PO4, PO5, PO8, PO12, PSO2
	1819231037	DEEPANSHU PAL					
	1819231099	SHASHIKANT YADAV					
	1819231093	SAMAR BAHADUR MAURYA					
G4	1819231074	PRAKHAR SRIVASTAVA	DESIGN AND FABRICATION OF MIMO ANTENNA	Dr. Dinesh Kumar Singh	Research	Problem Analysis	PO1, PO2, PO4, PO5, PO8, PO12, PSO2
	1819240122	PRAKHAR GUPTA					
	1819231072	PARTH SAXENA					
	1819231115	UTKARSH GUPTA					
G5	1819231079	PRINCE RAGHAV	DESIGN AND FABRICATION OF MICROSTRIP ANTENNA USING EXTREME LEARNING MACHINE	Dr. Dinesh Kumar Singh	Research	System design	PO1, PO2, PO4, PO5, PO8, PO12, PSO2
	1819231102	SHREYA DUBEY					
	1819231116	UTKARSH RANA					
	1819231073	PERI GAUTAM					
G6	1819231066	NAVNEET KUMAR	DESIGN AND DEVELOPMENT OF IOT BASED VIRTUAL DOCTOR ROBOT	Dr. Amrita Rai	Application	Problem Analysis	PO1, PO3, PO5, PO6, PO8, PO12, PSO1
	1819231063	MOHD IQBAL					
	1819231081	RANJAN KUMAR SHUKLA					
	1819231080	PRIYA SINGH					
G7	1819231101	SHIVANI SHARMA	DESIGN AND DEVELOPMENT OF ALU USING VERILOG AND FPGA KIT	Dr. Amrita Rai	Application	System design	PO1, PO2, PO4, PO5, PO8, PO12, PSO1
	1819231068	NISHANT KUMAR					
	1819231124	YUVRAJ SINGH					
G8	1819231053	KARTIK CHATURVEDI	AVR-06 MICROCONTROLLER BASED GRAPHIC LCD CRO ATMEGA 32	Dr. Amrita Rai	Research	Problem Analysis	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO12, PSO1
	1819231054	KHUSHI SINGH					
	1819231060	MANYA SINGH					
	1819231092	SALONI DHAWAN					
G9	1819231012	AKSHAT SRIVASTAVA	DESIGN AND DEVELOPMENT OF ROAD SIGN DETECTION AND DRIVER ALERT SYSTEM USING CNN	Dr. Amit Kumar/ Dr. Brijesh Kumar Singh	Review	Environmental	PO1, PO5, PO6, PO8, PO12, PSO1
	1819231029	ATHARVA PRATAP SINGH					
	1819231015	AMAN RANA					
	1819231056	KRITI SRIVASTAV					
G10	1819231016	ANCHAL RAI	CLASSIFICATION OF FRUITS AND VEGETABLES STATE USING RASPBERRY PI AND MACHINE LEARNING	Dr. Amit Kumar/ Dr. Brijesh Kumar Singh	Research	System design	PO1, PO2, PO4, PO5, PO6, PO8, PO12, PSO1
	1819231021	ANKITA ANAND					
	1819231044	HARSHIT SHARMA					
	1819231043	HARSHAL DUBEY					
G11	1819231067	NISHANT RAWAT	DESIGN AND DEVELOPMENT OF AUTOMATED BASTI ENEMA PREPARING MACHINE	Dr. Piyush Yadav	Application	Environmental	PO1, PO5, PO6, PO8, PO12, PSO1
	1819231084	RISHABH GUPTA					
	1819231104	SOMYA SINGH					
	1819231089	SAHIL SONI					
G12	1819231119	VARUN TRIPATHI	DESIGN AND DEVELOPMENT OF INTELLIGENT IOT BASED PARALYTIC PATIENT HEALTHCARE USING MACHINE LEARNING	Dr. Piyush Yadav	Review	Environmental	PO1, PO3, PO4, PO5, PO8, PO12, PSO2
	1819231091	SALONI SINGH					
	1819231095	SANIA MANSOORI					
	1819231078	PRERNA KUMARI					
G13	1819231030	ATUL KUMAR	DESIGN AND DEVELOPMENT OF OXYGEN CONCENTRATOR	Dr. Piyush Yadav	Research	Problem Analysis	PO1, PO3, PO4, PO5, PO8, PO12, PSO2
	1819231001	ABHINAV VERMA					
	1819231040	GARVIT SARASWAT					
G14	1819231069	NITIN KUMAR	DESIGN AND FABRICATION OF SLOTTED WIDEBAND MICROSTRIP ANTENNA FOR 5G WIRELESS APPLICATION	Dr. Jaishankar Prasad Keshari	Research	Problem Analysis	PO1, PO3, PO4, PO5, PO8, PO12, PSO2
	1819231094	SAMIKSHA UPADHYAY					
	1819240201	YASH RAJ SINGH					
	1819231009	ADITYA KUMAR SINGH					
G15	1819231002	ABHISHEK KUMAR	DESIGN AND ANALYSIS OF MULTIBAND PATCH ANTENNA FOR WIRELESS APPLICATIONS	Dr. Jaishankar Prasad Keshari	Review	Problem Analysis	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	1819231005	ABHISHEK YADAV					
	1819231010	AKASH AGRAHARI					
	1819231013	ALLWYN RAJ					
G16	1819231118	VAIBHAV KAUSHIK	DESIGN AND CHARACTERIZATION OF CIRCULARLY POLARIZED MONOPOLE ANTENNA	Dr. Jaishankar Prasad Keshari	Review	Problem Analysis	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	1819231088	ROHIT SINGH					
	1819231083	REYANSH TYAGI					
	1819231034	AYUSH SINGH					

G17	1819231076	PRATYUSH TIWARI	TEMPERATURE DEPENDENCE PERFORMANCE ANALYSIS OF ELECTROSTATICALLY DOPED TFET WITH INTERFACE TRAP CHARGES FOR ENHANCED RELIABILITY	Mr. Dharmender Nishad	Application	Problem Analysis	PO1,PO3,PO4, PO5,PO8, PO12, PSO1
G18	1819231017	ANIKATE VERMA	DESIGN AND DEVELOPMENT OF GESTURE BASED TEXT RECOGNITION AND VOCALIZER SYSTEM USING DEEP LEARNING	Dr. Astha Sharma	Application	Problem Analysis	PO1,PO3,PO4, PO5,PO8, PO12, PSO1
	1819231024	ARGHYADEEP GHOSH					
	1819231027	ASHISH JOSHI					
G19	1819231086	ROBIN SINGH	DESIGN AND DEVELOPMENT OF IOT BASED POWER THEFT DETECTION	Mr. Mohan Singh	Research	Society	PO1,PO3,PO4, PO5,PO8, PO12, PSO1
	1819231085	RISHABH MAHESHWARI					
	1819231120	VIKRAM PRATAP SINGH					
	1819231020	ANKIT KUMAR					
G20	1819231071	OMKAR TIWARI	NEXT GENERATION TRANSMISSION MODEL FOR UNDERWATER COMMUNICATION USING PLED AND LI-FI TECHNOLOGY	Mr. Mohan Singh	Research	Society	PO1,PO3,PO4, PO5, PO8, PO12, PSO2
	1819231090	SAKSHAM SRIVASTAVA					
	1819231070	NIITISH KUMAR SINGH					
	1819231121	VIPIN SHAKYA					
G21	1819231114	UNNATI GUPTA	IMPLEMENTATION OF A CMOS OP-AMP USING COMPOSITE CASCODE STAGES	Mr. Puneet Kumar Mishra/Dr. Richa Tiwari	Application	Problem Analysis	PO1, PO2, PO3,PO4,PO5, PO6, PO8, PO12, PSO1
	1819231097	SATYAM MISHRA					
	1819231075	PRASHANT PALIWAL					
	1819231106	SRIJAN SHUKLA					
G22	1819231100	SHIVANI CHAUHAN	DESIGN AND DEVELOPMENT OF ADVANCED ATM SECURITY SYSTEM	Dr. Amit Kumar	Research	Problem Analysis	PO1,PO3,PO4, PO5,PO8, PO12, PSO1
	1819231098	SAURAV					
	1819231107	SUDESH DUBEY					
G23	1819231058	MANAS SINGH	DESIGN AND DEVELOPMENT OF IOT AND AI ENABLED SMART ENTRANCE MONITORING DEVICE	Dr. Krishanu Kundu	Application	Society	PO1, PO2, PO3,PO4,PO5, PO6, PO8, PO12, PSO1
	1819231014	AMAN KUMAR					
	1819231036	CHANDRESH SINGH					
	1819231087	ROHIT KUMAR SAHU					
G24	1819231123	VIVEK GUPTA	DESIGN AND DEVELOPMENT OF IoT BASED VERTICAL FARMING MONITORING SYSTEM	Dr. Krishanu Kundu	Research	Society	PO1,PO3,PO4, PO5,PO8, PO12, PSO1
	1819231122	VIPUL VIKRAM SINGH					
	1819231077	PRAVEEN KUMAR YADAV					
	1819231028	ASHISH KATIYAR					
G25	1819231110	TANYA SHARMA	INVESTIGATION OF HIGH GAIN ANTENNA FOR WIRELESS COMMUNICATION	Dr. Krishanu Kundu	Research	Society	PO1,PO2,PO4, PO5, PO6, PO8, PO12, PSO1
	1819231109	TANYA SAXENA					
	1819231105	SONAL MARWAH					
	1819231082	RASHI PALIWAL					
G26	1819231059	MANVENDRA SINGH YADAV	IMPLEMENTATION OF JERK OSCILLATION AND ITS APPLICATIONS	Dr. Manoj Joshi	Research	Research	PO1,PO2,PO4, PO5, PO8, PO6, PO12, PSO1
	1819231022	ANUJ SHARMA					
G27	1819231032	AYUSH	SECURE COMMUNICATION SYSTEM USING CHAOTIC OSCILLATOR	Dr. Manoj Joshi	Research	Research	PO1,PO2,PO4, PO5, PO8, PO6, PO12, PSO1
	1819231035	CHANDAN DUBEY					
	1819231042	GURU PAL SINGH					
	1819231055	KRIPA SINDHU PANDEY					
G28	1819231007	ADITI MAHENDRA	TEMPERATURE SENSITIVITY ANALYSIS OF VERTICAL TUNNELING ATTRIBUTED DMDG TFET	Dr. Richa Tiwari/Dr. Sucheta Singh	Review	Environmental	PO1,PO2,PO4, PO5, PO6, PO8, PO12, PSO1
	1819231008	ADITI TRIPATHI					
	1819231018	ANJALI SHARMA					
	1819231052	KANISHK JUYAL					
G29	1819231023	ARCHITA MEHTA	DESIGN AND DEVELOPMENT OF ACCIDENT AVOIDANCE SYSTEM USING CNN	Ms. Smriti Sachan	Review	Problem Analysis	PO1, PO2, PO3,PO4,PO5, PO6, PO8, PO12, PSO2
	1819221016	DISHA GUPTA					
	1819231057	MADHUR SHARMA					
	1819231051	KANCHI RUSIA					
G30	1819231025	ARPIT SRIVASTAVA	PHYSICAL LAYER SECURITY IN MIXED RF/FSO NETWORK	Dr. Dipti Ranjan	Research	System design	PO1, PO2, PO3,PO4,PO5, PO6, PO8, PO12, PSO2
	1819231041	GAURAV PANDEY					
	1819231064	NAINA RAJPUT					
	1819231065	NAMAN CHAUHAN					
G31	1819231113	UMANG SHARMA	DESIGN AND DEVELOPMENT OF AUTOMATED WASTE SAGREGATOR MACHINE	Mr. Abhishek Tyagi	Research	System design	PO1, PO2, PO3,PO4,PO5, PO6, PO8, PO12, PSO2
	1819231112	UDIT GIRI					
	1819231045	HIMANSHU					
	1819231103	SHUBHAM GANGWAR					
G32	1901920319001	SHYAM KUMAR	DESIGN AND DEVELOPMENT OF DROWSINESS AND ALCOHAL DETECTION SMART HELMET	Mr. Rahul Dev	Review	Problem Analysis	PO1, PO2, PO3,PO4,PO5, PO6, PO8, PO12, PSO2
	1819231061	MAYANK SINGH					
	1819231046	HIMANSHU SINGH					
	1819231026	ARSHAD ALAM					
G33	1819231033	AYUSH RASTOGI	DESIGN AND DEVELOPMENT OF AUTOMATIC HYDROPONIC FODDER GROW CHAMBER	Mr. Rahul Dev	Research	Problem Analysis	PO1, PO2, PO3,PO4,PO5, PO6, PO8, PO12, PSO2
	1819231048	HUSSAIN MUSTAFI					

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