



L.BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

PROJECT GROUPS AND GUIDES (Batch: 2019-2023)

GROUP	ROLL NO	STUDENT NAME	TITLE OF PROJECT	PROJECT GUIDE	TYPE	RELEVANCE	MAPPING WITH PO's AND PSO's
G1	1901920310139	SHASHANK SHUKLA	DESIGN AND DEVELOPMENT OF SPYING AND BOMB DISPOSAL ROBOT FOR DEFENSE PURPOSES	Dr. Satyendra Sharma	Application	System Design	PO1, PO3, PO4,PO5,PO6, PO8, PO10, PO12, PSO1,PSO2
	1901920310129	SAKSHAM SRIVASTAVA					
	1901920310065	HARSHIT UPADHYAY					
	1901920310184	YASH TOMAR					
G2	1901920310149	SHREYA SRIVASTAVA	DESIGN AND DEVELOPMENT OF CRICKET BAT FOR PRESSURE ANALYSIS	Dr. Satyendra Sharma	Research	Safety/Society	PO1, PO2,PO4,PO5, PO8, PO12, PSO1, PSO2
	1901920310160	SONAC TYAGI					
	1901920310113	RAHUL RATHOD					
	1901920310157	SIMRAN CHAUDHARY					
G3	1901920310012	AKANSHA GOEL	DESIGN AND IMPLEMENTATION OF RF SYSTEM FOR DYNAMIC TARGET DETECTION	Dr. Satyendra Sharma	Research	Problem Analysis	PO1,PO2,PO4,PO5,PO8, PO12, PSO1, PSO2
	1901920310004	ABHISHEK KUMAR JHA					
	1901920310033	ARSHITA AGRAWAL					
	1901920310030	ARADHYA					
G4	1901920310169	UTKARSH MISHRA	INVESTIGATION OF CIRCULARLY POLARIZED MICROSTRIP ANTENNA USING MACHINE LEARNING	Dr. Dinesh Kumar Singh	Research	Problem Analysis	PO1,PO2 ,PO4,PO5, PO8, PO12, PSO2
	1901920310142	SHIVAM BHARADWAJ					
	1901920310168	UJJWAL SHARMA					
	1901920310173	AISHNAVI RAJ SRIVASTAV					
G5	1901920310008	DITYA PRAKASH VARSHNE	DESIGN AND FABRICATION OF HIGH GAIN MIMO ANTENNA FOR WIRELESS COMMUNICATION	Dr. Dinesh Kumar Singh	Application	Society	PO1,PO3,PO5,PO6, PO8, PO12, PSO1
	1901920310020	ANJALI CHAURASIYA					
	1901920310165	TANNU PRIYA					
	1901920210042	SRISHTI BHATI					
G6	1901920310003	ABHINAV BHATNAGAR	DESIGN AND DEVELOPMENT OF ULTRA WIDE BAND ANTENNA FOR WIRELESS COMMUNICATION	Dr. Dinesh Kumar Singh	Application	Cost	PO1,PO2,PO4,PO5,PO8, PO12, PSO1
	1901920310043	AYUSH VATS					
	1901920310047	BHASKAR SINGH					
	1901920310068	HRITWIZ KUMAR					
G7	1901920310111	PRIYAM SRIVASTAVA	DEVELOPMENT OF WATER QUALITY AND SERVICE INTERGITY ANALYZER USING IOT	Dr. Amrita Rai	Review	Safety/Society	PO1,PO5,PO6, PO8, PO12, PSO1
	1901920310112	PUNEET MISHRA					
	1901920310124	ROHIT YAJEE					
	1901920310151	SHRUTI KUMARI					
G8	1901920310018	ANAAM SINGH	BEAM VIBRATION AND SHOCK SAFETY MEASUREMENT SYSTEM FOR BUILDING CONSTRUCTION USING IOT	Dr. Amrita Rai	Application	Society	PO1,PO3,PO6, PO8, PO9, PO10, PO12, PSO1
	1901920310120	RITIKA AGRAWAL					
	1901920310127	RUPAL SINHA					
G9	1901920210007	ANAND KUMAR	DESIGN AND DEVELOPMENT OF SEWAGE CLEANING AND MONITORING ROBOT USING IOT	Dr. Amrita Rai	Application	Society	PO1,PO3,PO6, PO8, PO9, PO10, PO12, PSO1
	1901920310038	AYUSH ADITYA					
	1901920310039	AYUSH KUMAR					
	1901920310125	RONIT GUPTA					
G10	1901920310058	HARSH	ACOUSTIC COMMUNICATION VIA CRYPTOGRAPHY	Dr. Shilpa Chaudhary	Review	Society	PO1, PO5,PO6, PO8, PO12, PSO1
	1901920310078	KUSH SAINI					
	1901920310072	KEERTI VARDHAN SINGH					
	1901920310085	MD NABEEL CHISHTY					
G11	1901920310059	HARSH ASTHANA	SIGN AND DEVELOPMENT OF CARD BASED WATER DISPENSER SYST	Dr. Shilpa Chaudhary	Review	Society/Cost	PO1,PO5,PO6, PO8,PO10 PO12, PSO1
	1901920310062	HARSHIT BHARDWAJ					
	1901920310063	HARSHIT RAJPUT					
	1901920310086	MD WASIM RAJA					
	1901920310098	NISHEET SAXENA			Research	Problem Analysis	PO1,PO3,PO4,PO5, PO8, PO12,

G12	1901920310100	PALAK MITTAL	DESIGN AND DEVELOPMENT OF AUTONOMOUS WHEELCHAIR	Dr. Shilpa Chaudhary	Research	Problem Analysis	PSO2
	1901920310104	PRACHI CHAUHAN			Review	Problem Analysis	PO1,PO3,PO4,PO5, PO8, PO12, PSO2
	1901920310133	SATYA SINDHU TRIPATHI					
G13	1901920310081	MANSI SINGH	ATING SMART SHOPPING COMPLEX USING LTE NETWORK BASED ON	Dr. Piyush Yadav/Dr. Satyendra Sharma	Review	Problem Analysis	PO1,PO3,PO4,PO5, PO8, PO12, PSO2
	1901920310159	SOMYA SARKARI					
	1901920310162	SOUMYA DIXIT					
G14	1901920310076	KRISHN KUNAL	DESIGN AND DEVELOPMENT OF IOT BASED INDOOR AIR QUALITY MONITORING SYSTEM	Dr. Piyush Yadav	Review	Problem Analysis	PO1,PO3,PO4,PO5, PO8, PO12, PSO2
	1901920310092	NAINCY PANDEY					
	1901920310110	PRIYA KUMARI					
	1901920310156	SHYAMLI BHARGAVA					
G15	1901920310167	UJJWAL JHA	DESIGN AND DEVELOPMENT OF HEALTHCARE SYSTEM FOR RURAL INDIA USING LORA MODULE	Dr. Piyush Yadav	Research	System Design	PO1, PO2, PO3,PO4,PO5, PO6, PO8, PO12, PSO1
	1901920310166	TUSHAR TOMAR			Review	Ethics	PO1, PO2, PO3,PO5, PO8, PO12, PSO2
	1901920310138	SHASHANK SUMAN					
	1901920310116	RAVI SHANKAR YADAV					
G16	1901920310001	ASTHA MISHRA	PATH LOSS PREDICTION OF METRO STATION ENVIRONMENTS BASED ON MACHINE LEARNING	Dr. Piyush Yadav	Application	Environmental	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	1901920310036	ATHARVA MISHRA					
	1901920310105	PRANJAL DUBEY					
	1901920310108	PRATEEK PATEL					
G17	1901920310114	RAJAT VARSHNEY	INTERFACE BOARD SCHEMATIC DESIGNS FOR HIGH-SPEED ADC IP	Dr. Piyush Yadav/Mr.	Research	Problem Analysis	PO2, PO4, PO6, PO7
G18	1901920310096	NIKETY GUPTA	DESIGN AND PERFORMANCE ANALYSIS OF NOVEL ELECTRICALLY DOPED TFET FOR BIOSENSING APPLICATION	Mr. Dharmender Nishad/Dr. Piyush Yadav	Application	Ethics	PO1,PO3,PO4,PO5,PO8, PO12, PSO1
	1901920310103	ABHANJAN SINGH CHAND					
G19	1901920310147	SHIVANGI SINGH	DESIGN AND PERFORMANCE ANALYSIS OF CHARGE PLASMA BASED JLTFFET FOR BIOSENSING APPLICATIONS	Mr. Dharmender Nishad	Analysis	Cost	PO1,PO3,PO4,PO5,PO8, PO12, PSO1
	1901920310115	RASHI GUPTA					
G20	1901920310046	BHARAT BHARDWAJ	MICROSTRIP PATCH ANTENNA DESIGN FOR 5G AND BEYOND	Dr. Krishanu Kundu	Review	Cost	PO1,PO3,PO4,PO5,PO8, PO12, PSO1
	1901920310161	SOUBHAGYA SHARMA					
	1901920310048	BHAVYA SHARMA					
	1901920310087	MOHAMMED SAHIL KHAN					
G21	1901920210011	ATUL MISHRA	DESIGN AND DEVELOPMENT OF WILD ANIMAL INTRUSION DETECTION AND REPELLENT SYSTEM USING AI	Dr. Krishanu Kundu	Application	Society	PO1,PO3,PO6, PO8, PO9, PO10, PO12, PSO1
	1901920310175	VIKAS VISHWAKARMA					
	1901920310082	MANZIL SRIVASTAVA					
	1901920310080	LOKESH KUMAR					
G22	1901920310031	ARINJOY MANNA	BLOCKCHAIN SECURED DISTRIBUTED COMPUTING FOR LOW RESOURCES EDGE DEVICES	Dr. Krishanu Kundu	Application	Society	PO1,PO3,PO6, PO8, PO9, PO10, PO12, PSO1
	1901920310026	ANSHUL KUNDU					
	1901920310107	PRASUN KUMAR					
	1901920310141	SHIKHAR TIWARI					
G23	1901920310067	HRITIK SINGH	DESIGN AND DEVELOPMENT OF BIOMETRIC TRANSACTION DEVICE FOR SMALL CAMPUS	Dr. Mohan Singh	Review	Society	PO1, PO5,PO6, PO8, PO12, PSO1
	1901920310056	EKANSH SINGH					
	1901920310024	ANSHICA SINGH					
	1901920310027	ANUBHAV GUPTA					
G24	1901920310121	RITIKA GUPTA	DESIGN AND DEVELOPMENT OF MORDERN AIRLINE BAGGAGE TRACKING SYSSYTEM USING BLOCKCHAIN	Dr. Mohan Singh	Application	Society	PO1,PO3,PO5,PO6, PO8, PO9, PO12, PSO1
	1901920310101	PARTH YADAV					
	1901920310132	SANSKRITI SAXENA					
	1901920310137	SHAKSHI NEGI					
G25	1901920310060	HARSH KUMAR SINGH	DESIGN AND DEVELOPMENT ROBOTIC HAND CONTROL WITH EMG	Dr. Vivek Gupta	Application	Environmental	PO1, PO2, PO4, PO5, PO6, PO8, PO12, PSO1
	1901920310089	MONISH DESHWAL					
	1901920310073	KHUSHI CHAUHAN					
	1901920310074	KHUSHI CHAUHAN					

G26	1901920310134	SATYAM SINGH	DESIGN AND DEVELOPMENT OF IOT BASED PARKING SYSTEM WITH EV USING FINGERPRINT AND SENSOR TECHNOLOGY	Dr. Vivek Gupta	Research	Problem Analysis	PO1,PO3,PO4,PO5, PO8, PO12, PSO2
	1901920310119	RITIK VERMA					
	1901920310099	NITISH KUMAR					
	1901920310077	KUNAL CHAUDHARY					
G27	1901920310034	ARYAN ARYA	DESIGN AND DEVELOPMENT OF SMART WASTE SAGREGATOR	Dr. Vivek Gupta	Application	Environmental	PO1, PO2, PO4, PO5, PO6, PO8, PO12, PSO1
	1901920310051	DHRUV GUPTA					
	1901920310186	YASHI NARAYAN MISHRA					
	1901920310069	JITENDAR MAHARA					
G28	1901920310123	ROHIT TIWARI	GN AND DEVELOPMENT OF GESTURE RECOGNISATION VIRTUAL MO	Dr. Richa Tiwari	Application	Ethics	PO1,PO3,PO4,PO5,PO8, PO12, PSO1
	1901920310118	RISHU			Analysis	Cost	PO1,PO3,PO4,PO5,PO8, PO12, PSO1
	1901920310140	SHASHWAT SRIVASTAVA					
	1901920310019	ANANYA GARG					
G29	1901920310130	SAKSHI BADOLA	DESIGN AND DEVELOPMENT OF IOT BASED AQUACULTURE MONITORING AND CONTROL SYSTEM	Dr. Richa Tiwari	Review	Cost	PO1,PO3,PO4,PO5,PO8, PO12, PSO1
	1901920310136	SHAGUN SINHA					
	1901920310042	AYUSH SINGH					
	1901920310044	BADAL THAKUR					
G30	1901920310145	SHIVAM KUMAR SINGH	DESIGN AND DEVELOPMENT OF SOLAR BASED SEA WEATHER POLLUTION MONITORING USING WIRELESS SENSOR NETWORK	Dr. Richa Tiwari	Application	Cost	PO1,PO2,PO4,PO5,PO8, PO12, PSO1
	1901920310054	DIVYANSH PATEL					
	1901920310052	DIVAS SHUKLA					
	1901920310021	ANKIT KUMAR					
G31	1901920310102	PAVNESH SILORI	SECURITY ANALYSIS OF HYBRID AND MULTIHOP FSO NETWORK IN THE PRESENCE OF EAVESDROPPERS	Dr. Dipti Ranjan	Research	Problem Analysis	PO2,PO4,PO5,PO8, PO12, PSO1
	1901920310041	AYUSH RAJ					
	1901920310093	NAMIT JANGID					
G32	1901920310183	YASH TOMAR	DESIGN AND DEVELOPMENT OF ULTRASONIC VIBRATOR GLOVE FOR BLIND PERSONS	Dr. Dipti Ranjan	Application	Problem Analysis	PO1,PO2,PO4,PO5,PO8, PO12, PSO1
	1901920310180	YASH GOYAL					
	1901920310176	VINAY TOMAR					
	1901920310148	SHIVANSHU CHAUDHARY					
G33	1901920310037	AVIRAL KHARE	DESIGN AND DEVELOPMENT OF EMERGING BIOMETRIC TRATE FOR PERSON RECOGNISATION	Dr. Brajesh Kumar Singh	Application	Society	PO1,PO2,PO4, PO5, PO6, PO8, PO12, PSO1
	1901920310007	ADITYA JAISWAL					
	1901920310106	PRASHANT MAHESHWARI					
	1901920310146	SHIVAM MISHRA					
G34	1901920310010	AISHWARYA SINGHAL	DESIGN AND DEVELOPMENT OF SELF POWERED WEARABLE HEALTH DEVICES FOR VISUALLY IMPAIRED PERSONS	Dr. Brajesh Kumar Singh	Research	Ethics	PO1, PO2, PO3,PO4,PO5, PO6, PO8, PO12, PSO2
	1901920310061	HARSHIT GUPTA					
	1901920310070	JULI NISHAD					
	1901920310091	NAGENDRA PRAJAPATI					
G35	1901920310143	SHIVAM GARG	DESIGN AND IMPLEMENTATION OF OPTIMIZED LOW POWER PRE-CHARGE SENSE AMPLIFIER	Mr. Amiya Prakash	Review	Society	PO1,PO3,PO4,PO5, PO6, PO8, PO12, PSO2
	1901920310094	NAVNEET CHAUHAN					
	1901920310023	ANKIT TIWARI					
	1901920310049	DEEPANSHU SINGH					
G36	1901920310013	AKSHIT SINGH	DESIGN AND IMPLEMENTATION OF IOT BASED HAZARD SUIT	Mr. Amiya Prakash	Application	Cost	PO1,PO2,PO4,PO5, PO6, PO8, PO12, PSO1
	1901920310181	YASH PRATAP					
	1901920310153	SHUBHAM KUMAR SINGH					
	1901920310084	MAYANK SINGH KARKI					
G37	1901920310006	ABHISHEK YADAV	DESIGN AND DEVELOPMENT OF TRANSPARENT ONLINE RATION DISTRIBUTION SYSTEM	Mr. Amiya Prakash	Application	Society	PO1,PO2,PO4, PO5, PO6, PO8, PO12, PSO1
	1901920310152	SHRUTI SINGH					
	1901920310154	SHUBHAM KUMAR					
	1901920310025	ANSHIKA BHARDWAJ					
	1901920310178	VISHAL YADAV					

G38	1901920310090	MUSKAN CHHABRA	DESIGN AND DEVELOPMENT OF WEARABLE DEVICE FOR SAFETY OF WORKERS	Mr. Amiya Prakash	Research	Ethics	PO1, PO2, PO3,PO4,PO5, PO6, PO8, PO12, PSO2
	1901920310088	MOHD AJAZ SAIKH					
	1901920310182	YASH TIWARI					
G39	1901920310163	SRAJAN SHARMA	DESIGN AND IMPLEMENTATION OF BLACKBOX IN VEHICLES	Mr. Rahul Dev	Review	Society	PO1,PO3,PO4,PO5, PO6, PO8, PO12, PSO2
	1901920310179	YASH CHOUDHARY					
	1901920310164	TANAY SINGH					
	1901920310170	UTSAV					
G40	1901920310158	SOMIT SHUKLA	DESIGN AND DEVELOPMENT OF REALTIME MONITORING SYSTEM FOR STRUCTURES AND WOODS	Mr. Rahul Dev	Application	Cost	PO1,PO2,PO4,PO5, PO6, PO8, PO12, PSO1
	1901920310185	YASH VARDHAN JAISWAL					
	1901920310144	SHIVAM GUPTA					
	1901920310053	DIVYANSH GUPTA					
G41	1901920310005	ABHISHEK KUMAR TIWARI	DESIGN AND DEVELOPMENT OF DISTANT LOAD CONTROL SYSTEM USING DTMF	Dr. Vinay Kumar	Application	Cost	PO2,PO4,PO5, PO6, PO8, PO12, PSO1
	1901920310040	AYUSH KUMAR SINGH					
	1901920310083	MAYANK SINGH					
	1901920310079	LAKSH AYUSH					
G42	1901920310135	SHADMA ANJUM	DESIGN AND DEVELOPMENT OF IOT BASED PESTICIDES MONITORING IN EDIBLE PRODUCTS	Dr. Amit Singh	Application	Cost	PO2,PO4,PO5, PO6, PO8, PO12, PSO1
	1901920310011	AKANKSHA GUPTA					
	1901920310009	ADITYA RAJ SRIVASTAVA					
G43	1901920310071	JYOTI	CHAOTIC OSCILLATOR USING CFOA AND ITS APPLICATION IN SECURE COMMUNICATION	Dr. Amit Singh	Review	Society	PO1,PO3,PO4,PO5, PO6, PO8, PO12, PSO2
	1901920310150	SHREYA GOYAL					
	1901920310064	HARSHIT SHASTRI					
	1901920310172	VAIBHAV KHARE					
G44	1901920310066	HIMANSHU	FPGA IMPLEMENTATION FOR SPACE COMPUTATION USING ULTRASONIC SENSOR	Mr. Rishabh Yadav	Application	Cost	PO1,PO2,PO4,PO5, PO6, PO8, PO12, PSO1
	1901920310109	PRAVEEN SINGH					
	1901920310117	RISHABH DIMIRI					
	1901920310177	VINAY KUMAR					
G45	1901920310016	AMBUJ TOPPO	DESIGN OF MULTI-BIT FLIP FLOP BASED SHIFT REGISTER AND ITS APPLICATIONS	Mr. Rishabh Yadav	Review	Society	PO1,PO3,PO4,PO5, PO6, PO8, PO12, PSO2
	1901920310014	AMAN ANAND KUMAR					
	1901920310045	BELWIN BENNI					
	1901920310002	ABHAY SINGH CHAUHAN					
G46	1901920310131	SALONI SINHA	DESIGN AND DEVELOPMENT OF INTEGRATED PHOTONICS DEVICE	Mr. Rishabh Yadav	Application	Cost	PO1,PO2,PO4,PO5, PO6, PO8, PO12, PSO1
	1901920310126	RUBINA AHMED					
	1901920310075	KHUSHI GUPTA					
	1901920310171	VAIBHAV GUPTA					