



G.L.BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

STUDENT PROJECT DETAILS (2021-2025 BATCH)

GROUP	ROLL NO	STUDENT NAME	TITLE OF PROJECT	PROJECT GUIDE	TYPE	RELEVANCE	MAPPING WITH POs &
G1	2101920310142	SATWIK SRIVASTAVA	DESIGN AND IMPLEMENTATION OF JAMMING CIRCUIT FOR UNMANNED AERIAL VEHICLES	Dr. SATYENDRA SHARMA	Application	System design	PO1, PO3, PO4,PO5,PO6, PO8, PO10, PO12, PSO1
	2101920310163	SWATI SINGH					
	2101920310075	JAHNAVI SINGH					
	2101920310121	PRIYANSHI					
G2	2101920310026	AMBIKA SHARMA	GESTURE RECOGNITION SYSTEM WITH MACHINE LEARNING MODEL	Dr. SHILPA CHAUDHARY	Research	Problem Analysis	PO1, PO2,PO4,PO5, PO8, PO12, PSO2
	2101920310030	ANANYA NAIR					
	2101920310021	AKLESH SINGH ASWAL					
	2101920310035	ANKIT KUMAR SINGH					
G3	2101920310175	VISAKSHI RAJPUT	FLOOD MONITORING SYSTEM WITH WATER LEVEL SENSOR DESIGN AND WIRELESS NETWORK DEPLOYMENT	Dr. SHILPA CHAUDHARY	Research	Problem Analysis	PO1,PO2,PO4,PO5, PO8, PO12, PSO2
	2101920310162	SUYASH RAJ					
	2101920310003	ABHAY TRIPATHI					
	2101920310165	UDIT MISHRA					
G4	2101920310025	ALTAF SAMASH	DESIGN AND ANALYSIS OF MICROSOFT PATCH ANTENNA FOR ISM BAND AND MEDICAL HEALTH APPLICATION	DR. SHIVESH TRIPATHI	Research	System design	PO1,PO2 ,PO4,PO5, PO8, PO12, PSO2
	2101920310029	ANAND KUMAR					
	2101920310013	ADARSH RAJ					
	2101920310057	DIKSHANT					
G5	2101920310007	ABHINAV VERMA	DROVER : AN INTEGRATION OF ROVER WITH DRONE	DR. SHIVESH TRIPATHI	Application	Problem Analysis	PO1,PO3,PO5,PO6, PO8, PO12, PSO1
	2101920310020	AJIT KUMAR					
	2101920310053	DEEPAK VERMA					
	2101920310055	DEVANSH MISHRA					
G6	2101920310036	ANKIT RASTOGI	DESIGN AND DEVELOPMENT OF MICROSTRIP PATCH ANTENNA FOR WIRELESS COMMUNICATION APPLICATIONS	DR. SHIVESH TRIPATHI	Application	System design	PO1,PO2,PO4,PO5, PO8, PO12, PSO1
	2101920310078	KARAN KUMAR MISHRA					
	2101920310147	SHASHTHI DUTT PANDEY					
	2101920310079	KARTIK GOUR					
G7	2201920319011	SHREEYANSHI CHATURVEDI	SELF-SUSTAINABLE AGRICULTURAL FIELD MONITORING SYSTEM	DR MOHAN SINGH	Review	Environmental	PO1,PO5,PO6, PO8, PO12, PSO1
	2101920310028	ANAMIKA					
	2101920310008	ABHSHEK PANDAT					
	2101920310002	ABHAY SINGH					
G8	2101920310110	NITIN SHARMA	STAINABLE AGRICULTURE: THE ROLE OF GREENHOUSE IN CROPS PROTECTION AND GROWTH	DR. MOHAN SINGH	Application	Environmental	PO1, PO5,PO6, PO8, PO12, PSO1
	2101920310118	PRATUYSH SAURAV					
	2101920310116	PRABHU PHULL					
	2101920310111	OMJEE PANDEY					
G9	2101920310013	ABHISHEK SINGH	SMART AR HIADGLAR WITH ENVIRONMENT MONITORING	DR. SMIRTI SACHAN	Review	Environmental	PO1,PO3,PO4,PO5, PO8, PO12, PSO2
	2101920319003	KM MANALI					
	2101920310006	ABHINA SOLANKI					
	2101920310038	ANUP KUMAR					
G10	2101920310059	GARV JAISWAL	WIRELESS CATTLE GUARD	DR. SMIRITI SACHAN	Research	Problem Analysis	PO1,PO3,PO4,PO5, PO8, PO12, PSO2
	2101920310023	ALOK SINGH JADAUN					
	2101920310034	ANKIT BALIYAN					
	2101920310120	PRINCE RAJ JHA					
G11	2101920310001	2.10192E+12	AQUAVOYGER : THE ULTIMATE RC UNDERWATER EXPLORATION DRONE	DR. SMIRIRI SACHAN	Research	Problem Analysis	PO1,PO3,PO4,PO5, PO8, PO12, PSO2
	2101920310042	ARUNA RANI					
	2101920310019	ADITYA RAJ MANGALAM					
G12	2101920310009	ABHISHEK MISHRA	IOT BASED SEA WEATHER AND POLLUTION TRACKER	DR. KRISHANU KUNDU	Review	Problem Analysis	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	2101920310022	ALI ANSHARI					
	2101920310056	DHANANJAY KUMAR					
	2101920310061	GAURI JAIMINI					
G13	2101920310005	ABHINAV AWASTHI	DESIGN AND DEPLOYMENT OF MICROCONTROLLER BASED AFFORDABLE INDUSTRIAL AUTOMATION SYSTEM	DR. KRISHANU KUNDU	Review	Problem Analysis	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	2101920310041	ARSH RAJ SRIVASTVA					
	2101920310018	ADITYA CHAUDHARY					
	2101920310048	AYUSH PRAJAPTI					
G14	2101920310102	MUKESH KUMAR SAHU	VOICE RECOGNIZATION ELEVATOR	DR. VIVEK GUPTA	Application	Problem Analysis	PO1,PO3,PO4,PO5, PO8, PO12, PSO1
	2101920310081	KARTIKEY TRIPATHI					
G15	2101920310172	VIKALP YADAV	3D SCANNER USING ARDUINO UNO AND LASER SENSOR	DR. VIVEK GUPTA	Application	Society	PO1,PO3,PO4,PO5, PO8, PO12, PSO2
	2101920310178	YASH RAJ					
	2101920310176	VISHALPATI TIWARI					
	2101920310171	VANSHIKA SHARMA					
G16	2101920310123	PUNEET RATHI	A SOLAR-POWERED SMART DUSTBIN WITH INTEGRATED AIR PURIFIER AND IOT- BASED REAL TIME MONITORING SYSTEM	DR. PURENDU SHEKHAR PANDEY	Research	Society	PO1,PO3,PO4,PO5, PO8, PO12, PSO1
	2101920310133	RIYA PHULL					
	2101920310126	RAJAN					
	2101920310125	RAHUL JHA					
G17	2101920310112	OVESH ANWAR QURESHI	DESIGN AND IMPLEMENTATION OF SELF DEFENCE DEVICE FOR WOMEN SEFTY	DR. VINAY KUMAR	Research	Society	PO1,PO3,PO4,PO5, PO8, PO12, PSO2
	2101920310106	NISHANT PATEL					
	2101920310039	ARIJIT NARAIN					
	2101920310144	SAUMYA NARAYAN					

G18	2101920310153	SUBHAM KUMAR PANDEY	ESP BASED WEATHER STATION	DR. VINAY KUMAR	Application	Problem Analysis	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO12, PSO1
	2101920310155	SIMRAN SHRIVASTVA					
	2101920310173	VINAY KUMAR SINGH					
G19	2101920310098	MOHIT SINGH	CIRCULARLY POLARIZED MONOPOLE ANTENNA	DR. RAHUL DEV		Problem Analysis	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO12, PSO1
	2101920310093	MANISH SHAHNI					
	2101920310108	NISHANT SHEKHAR TRIPATHI					
G20	2101920310027	AMIT KUMAR	PLANT MONITORING SYSTEM USING IoT	DR. AWADHESH KUMAR SHARMA	Research	Problem Analysis	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO12, PSO1
	2101920310015	ADITYA KUMAR					
G21	2101920310011	ACHINTYA TIWARI	AUTOMATIC CAR PARKING	DR. RICHA TIWARI	Application	Society	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO12, PSO1
	2201920319009	PRANSHANSA TIWARI					
	2101920310050	Bhishm Sharma					
	2101920310031	ANIKET KUMAR YADAV					
G22	2101920310115	PIYUSH GARG	WOMEN SAFETY DEVICE WITH SHOCK AND SIREN USING RASPBERRY PICO	DR. RICHA TIWARI	Research	Society	PO1, PO3, PO4, PO5, PO8, PO12, PSO1
	2101920310117	PRAGATI GUPTA					
	2101920310107	NISHANT RAI					
G23	2101920310151	SUBHAM GUPTA	DESIGN AND IMPLEMENTATION OF ADVANCE MULTILEVEL COMPUTER NETWORK ARCHITECTURE USING POCKET TRACER MODELING	DR. AZHAR SADAB	Application	Society	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO12, PSO2
	2101920310100	MOHIT TIWARI					
	2101920319005	AYUSH GUPTA					
	2101920310099	MOHIT SINGH					
G24	2101920310119	PRENA PANDEY	LOW POWER 32 BIT MULTIPLIER ON 18 NM FINFET TECHNOLOGY	MS. SHAINA SURESH	Research	Research	PO1, PO2, PO4, PO5, PO6, PO8, PO12, PSO1
	2101920310094	MANSHI SINGH					
	2101920310113	PALLAVI DUBEY					
	2101920310122	PRIYANSHU YADAV					
G25	2101920310127	RANJAN MISHRA	DESIGN A LOW POWER PHASE LOCKED LOOP USING 18NM FINFET TECHNOLOGY	MS. SHAINA SURESH	Research	Research	PO1, PO2, PO4, PO5, PO8, PO6, PO12, PSO1
	2101920310139	SAKSHI SINGH					
	2101920310084	KHUSI ASHNA					
G26	2101920310090	MANISH KUMAR CHAUBEY	DEVELOP A GLOVE CAPABLE OF TRANSLATING SIGN LANGUAGE GESTURE INTO TEXT AND SPEECH.	MS. SHAINA SURESH	Review	Environmental	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	2101920319008	KARTIK JADON					
	2101920310069	ISHU					
	2101920310072	AYUSH KUMAR					
G27	2101920319007	KESHAV KUMAR MISHRA	CLOUD SERVER FOR REMOTE FILE BACKUP & RESTORATION	MR MOHIT	Review	Environmental	PO1, PO2, PO4, PO5, PO6, PO8, PO12, PSO1
	2101920319006	JYOTI					
	2101920310168	UTTAM KUMAR					
	2101920310160	SUNNY KHARI					
G28	2201920319008	MD. ARIF KHAN	WIRELESS CALLER ID FOR BIKERS	MR. MOHIT	Review	Problem Analysis	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO12, PSO2
	2101920310090	KUNAL SHARMA					
	2101920310069	HIMANSHI PAL					
	2101920310072	HIMASHU PAUL					
G29	2101920310152	SUBHAM KUMAR	DESIGN AND IMPLEMENTATION OF PHASE FREQUENCY DETECTOR USING CMOS TECHNIQUE	MR. AMIYA PRAKASH	Research	System design	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO12, PSO2
	2101920310091	KUNDAN KUMAR					
	2101920310101	MRITUNJAY CHAUHAN					
	2101920310068	HARSHITA TRIPATHI					
G30	2101920310105	NEELANSH KUMAR GUPTA	DESIGN AND IMPLEMENTATION OF ALCOHOL SENSING WITH ENGINE LOCKING	MR. AMIYA PRAKASH	Research	System design	PO1, PO2, PO4, PO5, PO6, PO8, PO12, PSO1
	2101920310124	RAGHUVVEER KUMAR JHA					
	2101920310137	SAKET KUMAR					
	2101920310086	KISHAN CHAURASIA					
G31	2101920319004	ARUN JADOUN	DESIGN AND DEVELOPMENT OF LPG LEAKAGE DETECTION ALERT & AUTO EXHUST SYSTEM USING IOT	MR. RISHABH YADAV	Research	System design	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO12, PSO2
	2101920310169	VAIBHAV SHARMA					
	2101920310145	SAGUN KUMAR					
G32	2101920310136	SAHIL SINGH	DESIGN AND IMPLEMENTATION OF DC MOTOR SPEED AND DIRECTION CONTROL WITH MICROCONTROLLER AND MOTOR DRIVER	MR. RISHABH YADAV	Review	System design	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO12, PSO2
	2101920310138	SAKSHAM TIWARI					
	2101920310140	SAMEER					
	2101920310141	SANDARBH SINGH					
G33	2101920310157	SRIVASTAVA HARSH	PERFORMANCE ANALYSIS OF LOW POWER 1 BIT FULL ADDER CIRCUIT WITH CARRYOVER USING LT SPICE	MR. RISHAB YADAV	Review	Problem Analysis	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO12, PSO2
	2101920310134	SAHIL KUMAR					
	2101920310135	SAHIL KUMAR					
	2101920310132	RITURAJ					
G34	2101920310049	AYUSH RAJ	STUDY AND ANALYSIS OF VCO USING 180nm technology	MS. DEEKSHA SANSKRIT	Review	Problem Analysis	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	2101920310045	AYUSH JAMWAL					
	2101920310046	AYUSH KATERIYA					
	2101920310060	GAURAV VERMA					
G35	2101920310128	RAVI RANJAN	ELECTRIC FAULT DETECTION SYSTEM	MS. DEEKSHA SANSKRIT	Review	Problem Analysis	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	2101920310032	ANIRUDH SUKLA					
	2101920310033	ANISHA MONDAL					
	2101920310170	VANSH RAJPUT					
G36	2101920310167	UJJWAL KUMAR	1 BIT ARITHMETIC LOGIC UNIT STUDY ON CADENCE SOFTWARE AND STUDY OF DIFFERENT TYPES OF ALU	MS. DEEKSHA SANSKRIT	Application	Problem Analysis	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	2101920319001	AKASH SINGH					
	2101920310174	VINEET SHARMA					
	2101920310149	SHIVAM RAJ					
G37	2101920310016	ADITYA KUMAR	DESIGN AND ANALYSIS OF CLASS AB POWER AMPLIFIER FOR IOT BASED HEALTHCARE SYSTEM	MS PUJA PRIYA	Application	Society	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	2101920310010	ABHYUDAY UPADHYAY					
	2101920310014	ADARSH SINGH					
	2101920310037	ANKITA RANI					

G38	2101920310062	GIRISH KUMAR	DESIGN AND ANALYSIS OF 8-BIT SIGNED CALCULATOR	MS. PUJA PRIYA	Review	Problem Analysis	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	2101920310077	KARAN JHA					
	2101920310087	KSHITIJ HIMANSHU					
	2101920310097	MOHIT RAJ					
G39	2101920310179	YASHASHVI SHARMA	IMPLIMENTATION OF ALGORITHM USING DEEP LEARNING FOR IOT BASED APPLICATION	MS PUJA PRIYA	Research	Problem Analysis	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	2101920310159	SUMIT RAGHAV					
	2101920310177	VISHU PRATAP SINGH					
	2101920310158	SUDHANSHU JOSHI					
G40	2101920310085	KIRTI SINGH	BRAIN TUMOR DETECTION USING IMAGE PROCESSING	MR. SANDEEP KUMAR	Research	Society	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	2101920310083	KHUSHI					
	2101920310064	HARDIK SACHDEVA					
	2101920310070	HIMANSHU KUMAR JHA					
G41	2101920310131	RISHITA VIDYARTHI	UNDERGROUND CABEL FAULT DETAECTION USING MICROCONTROLLER	MR.SANDEEP KUMAR	Review	Problem Analysis	PO1, PO2, PO4, PO6, PO7, PO8, PO12, PSO1
	2101920310166	UJJAWALA GUPTA					
	2101920310156	SOUMYA ROY					
	2101920310146	SHAILENDRA					

Dr. Shivesh Triparhi
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