

ABES Engineering College, Ghaziabad,						
ECE Department, Session 2022-23, Project List						
Major Project Final Year (Batch 2020-24), Session 2023-24						
KEC753/KEC851						
SN		Roll Number	Name of the Student	Group	Guide	Project Topic
1	G1	1900320310041	AYUSH SINGH	A1	Dr. Manish Zadoo	Advance Surveillance System For Women Safety
2	G2	1900320310048	BHAVYA PANDE			
3	G3	1900320310059	DIKSHA GUPTA			
4	G4	1900320310002	AAKRITI SHARMA	A2	Dr. Jugul Kishor	Design and Development of MIMO antenna For WLAN
5	G5	1900320310185	VINEET RAJ SINGH CHAUHAN			
6	G6	1900320310188	VISHAL KUMAR RANA			
7	G7	1900320310025	Ankit Jha	A3	Dr. Himani Garg	Hand Gesture Vocalizer
8	G8	1900320310021	Aman Singh			
9	G9	1900320310014	Akash Maurya			
10	G10	2000320319001	Apurv Kumar	A4	Ms. Rajeeta Yadav	Audio and data transfer through LIFI Technology
11	G11	2000320319002	Mohd Anas			
12	G12	1900320310027	Anshita Yadav			
13	G13	1900320310077	ASHI AGGARWAL	A5	Ms. Ranjeeta Yadav	Soldier health and position tracking system
14	G14	2000320319004	Vasu Singhal			
15	G15	1900320310184	VIDIT KUMAR			
16	G16	1900320310036	ASHUTOSH KUMAR MISHRA	A6	Mr. Shailendra Bisariya	Design of Rectifier using CDTA
17	G17	1900320310182	VASTAV PUNDIR			
18	G18	1900320310187	VISHAL JOSHI			
19	G19	1900320310039	AYUSH KUMAR	A7	Mr. Shailendra Bisariya	IoT Based Temperature monitoring system using MODEMCUE8SP8266
20	G20	1900320310044	AYUSHI SINGH RATHORE			
21	G21	1900320310045	AYUSHMAAN RAGHAV			
22	G22	1900320310008	ADARSH TIWARI	A8	Dr. Raman Kapoor	IOT based Health Monitoring System using FPGA
23	G23	1900320310018	AKSHIT THAKUR			
24	G24	1900320310037	ASHUTOSH SINGH			
25	G25	1900320310049	CHANCHAL MALIK	A9	Ms. Pallavi Tyagi	Comparative Analysis of 6T, 8T, 9T & 11T SRAM on 45nm Technology
26	G26	1900320310051	CHETAN BHARDWAJ			
27	G27	1900320310055	DEEPTI KASHIV			
28	G28	1900320310016	AKSHAT SRIVASTAV	A10	Ms. Rakhi Kumari	Truncated Patch Antenna on Jute Textile for wireless Power Transmission at 2.45GHz
29	G29	1900320310019	AMAN KUMAR			
30	G30	1900320310031	ARPAN JAIN			
31	G31	1900320310003	AARFEEN KHAN	A11	Dr. Devvrat Tyagi	Designing of digital filter for biomedical applications
32	G32	1900320310005	ABHIMANYU RANA			
33	G33	1900320310010	ADITYA GOSWAMI			
34	G34	1900320310004	ABHA TIWARI	A12	Ms. Khusboo Bansal	Performance Analysis of STRAM on different technologies node using cadence virtuso tool 1800nm, and 90 nm
35	G35	1900320310057	DEVANSHI CHAUHAN			
36	G36	1900320310034	ASHISH CHAUHAN			
37	G37	1900320310050	CHARU VARSHNEY	A13	Mr. Shailendra Bisariya	Finfet Based Standard cell design & Characterization for varying drive strength
38	G38	1900320310052	DEEPAK TOMAR			
39	G39	1900320310054	DEEPIKA VARSHNEY			
40	G40	1900320310030	ARCHIT SURYAVANSHI	A14	Prof. (Dr.) Sanjay Kr. Singh Prof. (Dr.) Priyanka Bhardwai	Student Management Sysyem Using UDU
41	G41	1900320310046	ASHI GUPTA			
42	G42	1900320310056	DEEPTI SINGH			
43	G43	1900320310023	AMRITANSH SINGH	A15	Mr. Manish	Microstrip Patch Antenna for WLAN and WIMAX using Metamaterial
44	G44	1900320310028	ANURAG CHAUHAN			
45	G45	1900320310040	AYUSH RANJAN			
46	G46	1900320310032	ARPIT RAJ SHUKLA	A16	Mr. Sanjeev Saini	Smart Door Camera with facial recognition feature for thermal scanning
47	G47	1900320310033	ARPIT SINGH			
48	G48	1900320310024	ANIMESH AGGARWAL			

49	G49	1900320310029	Anushka shahi	A17	Mr. Rajneesh Kr. Singh	Color Object Tracking Robot
50	G50	1900320310043	Ayushi Rai			
51	G51	1900320310047	BADAL AGARWAL			
52	G52	1900320310013	ADYASRI SINHA	A18	Prof.(Dr.) Priyanka Bhardwaj	Smart GPS Geofencing System
53	G53	1900320310009	ADITYA BAGHEL			
54	G54	1900320310026	ANMOL SINGH			
55	G55	1900320310006	ABHISHEK SAINI	A19	Ms. Rakhi Kumari	Simulation of Rectangular Ring Microstrip Patch antenna to enhance Impedance Bandwidth for UWB Wireless application
56	G56	1900320310007	ACHINTYA MISHRA			
57	G57	1900320310017	AKSHAT YADUVANSHI			
58	G58	1900320310001	AAKARSH AGARWAL	A20	Dr. Ajay Suri	Automatic attendance system using RFID & Face recognition system
59	G59	1900320310012	ADNAN ASIF			
60	G60	1900320310020	AMAN RAJ			
61	G61	1900320310022	Ambikesh Pandey	A21	Mr. Mudit Saxena	Emotion Detection Using Digital Images
62	G62	1900320310053	Deepak Sharma			
63	G63	1900320310058	Dhruv Dhoundiyal			
64	G64	1900320310067	Ishita Gupta	B1	Mr. Mudit Saxena	Smart Door Locking System using Raspberry Pi
65	G65	1900320310085	Manav Goswami			
66	G66	1900320310105	Nikita Pandey			
67	G67	1900320310061	Divyanshi Dwivedi	B2	Dr. Manish Zadoo	Advanced Drone Delivery vechile using GSM and GPS
68	G68	1900320310070	Kanishka Saini			
69	G69	1900320310109	Pavitra Nayak			
70	G70	1900320310071	Karan Gupta	B3	Dr. Priyanka Bhardwaj	Weather station using Lora and Wi-Fi
71	G71	1900320310060	Divya Yadav			
72	G72	1900320310068	Jalaj Biswas			
73	G73	1900320310102	Niharika Goswami	B4	Ms. Arpita Johari	Raspberry Pi based Kinesics interpreter for physically disabled
74	G74	1900320310118	Priyanka Verma			
75	G75	1900320310106	Nikki Dagar			
76	G76	1900320310081	Lakshay Garg	B5	Dr. Himani Garg	Ardiuno based fire fighting robot
77	G77	1900320310097	Nandini Bhardwaj			
78	G78	1900320310100	Neha Singh			
79	G79	1900320310093	Mukul Awasthi	B6	Dr. Devvrat Tyagi	Automatic Solar Panel to Point in direction of Sunlight
80	G80	1900320310087t	Manish Tomer			
81	G81	1900320310083	Lokesh Gupta			
82	G82	1900320310120	Priyanshu Gupta	B7	Prof.(Dr.) Sanjay Kr. Singh	Advanced Vehicle security with theft control and accident
83	G83	1900320310108	Parth Tripathi		Ms. Pallavi Tyagi	
84	G84	1900320310114	Prakhar Dixit	B8	Mr. Deepak Garg	Gesture Control Robot Car
85	G85	1900320310115	Prasant Singh			
86	G86	1900320310091	Mehul Kumar Singh			
87	G87	1900320310073	Kartikeya Kushwaha	B9	Dr. Jugul Kishor	Microstrip Antenna for IoT Application
88	G88	1900320310092	Mihir Sharma			
89	G89	1900320310107	Parth Bansal			
90	G90	1900320310103	Nikhil Pratap Singh	B10	Dr. Himani Garg	IoT based garbage and waste collection bins overflow indicator
91	G91	1900320310086	Manish Shishodia			
92	G92	1900320310193	Vismit Kumar	B11	Dr. Shivam	Automatic Face indentification based door lock system
93	G93	1900320310089	Mansi Garg			
94	G94	1900320310096	Namit Kumar			
95	G95	1900320310190	Vishal Mangal	B12	Dr. Shobha Sharma	Gesture controlled robotic arm
96	G96	1900320310090	Medhavi Tayal			
97	G97	1900320310076	Khushi Garg	B13	Md. Shabaz Alam	IoT/ GPS based accident detection and prevention system
98	G98	1900320310078	Kratika Yadav			
99	G99	1900320310062	Ekta Singh Yadav	B14	Dr. Manish Zadoo	Advanced Power theft detection meter employing IOT technology
100	G100	1900320310063	Gurpreet Singh			

101	G101	1900320310065	Irshan Akhtar	B15	Dr. Raman Kapoor	Validation and Implementation of a Phasor Estimation Algorithm for FPGA
102	G102	1900320310084	Lolark Nath Sudama			
103	G103	1900320310080	Kushagra Punia	B16	Dr. Manidipa Roy	Microstrip patch antenna bandwidth enhancement using Metasurface
104	G104	1900320310066	Ishani Nigam			
105	G105	1900320310113	Pradumn	B17	Ms. Shilpa Srivastava	MPA for IoT
106	G106	1900320310069	Kamlesh Singh Adhikari			
107	G107	1900320310088	Manoj Kumar Prajapati	B18	Mr. Navneet Sharma	Docs BOT (A healthcare Bot to analyse the symptoms of disease between user and interface)
108	G108	1900320310072	Kartikey Dubey			
109	G109	1900320310094	Muskan Bhardwaj	B19	Ms. Shilpa Srivastava	Biometric EVM machine
110	G110	1900320310119	Priyanshi Jhalani			
111	G111	1900320310110	Pavni Sharma			
112	G112	1900320310098	Navneet Singh	B20	Mr. Navneet Sharma	Patient Health Monitoring System
113	G113	1900320310099	Neha Kumari			
114	G114	1900320310104	Nikhil Tiwari			
115	G115	1900320310111	Piyush Yadav	B21	Dr. Manidipa Roy	Design of miniaturized patch antenna for biomedical applications
116	G116	1900320310101	Nidhi			
117	G117	1900320310117	Pratyush Raj			
118	G118	1900320310189	Vishal Kumar Singh	B22	Md. Shahbaz Alam	Autonomous fire detector and extinguisher robot
119	G119	1900320310192	Vishwajeet Sharan Singh			
120	G120	1900320310191	Vishal Sharma			
121	G121	1900320310074	Kashish Tiwari	B23	Mr. Mudit Saxena	Human Activity Detection using Machine Learning
122	G122	1900320310075	Keertika Singh			
123	G123	1900320310194	Vivek Kumar			
124	G124	1900320310079	Krityanshi Kushvanshi	B24	Mr. Deepak Garg	Application based home automation using IoT
125	G125	1900320310112	Pooja Madhwani			
126	G126	1900320310136	Sanchi Pahuja			
127	G127	1900320310095	Naman Tyagi	B25	Mr. Deepak Garg	Smart Vehicle
128	G128	1900320310121	Rachit Gupta			
129	G129	1900320310162	SPARSH KUMAR SINGH	C1	Mr. Rajnesh Kr Singh	High speed drone for public announcement
130	G130	1900320310199	YASH SHARMA			
131	G131	1900320310200	YATI JAISWAL			
132	G132	1900320310139	SATYAM MISHRA	C2	Ms. Ritu Agarwal (Mr. Sanjeev Kr. Saini)	Vehicle Authorisation & Parking management System
133	G133	1900320310144	SHANIGDH RAJ			
134	G134	1900320310175	UTKARSH GOEL			
135	G135	1900320310127	RIYA BANSAL	C3	Mr. Rajeev Kr. Pandey	Solar energy based air quality pollution monitoring system
136	G136	1900320310198	YASH DWIVEDI			
137	G137	1900320310149	SHIVAM GUPTA			
138	G138	1900320310140	SATYAM SINGH	C4	Mr. Rajeev Kr. Pandey	An IOT based patient health monitoring system
139	G139	1900320310174	UMESH PAL			
140	G140	1900320310168	TEJ PRATAP			
141	G141	1900320310143	SHAILESH YADAV	C5	Ms. Shobha Sharma	Smart Guiding Application for Visually Impaired People Using ML
142	G142	1900320310123	RAHUL PAL			
143	G143	1900320310125	RISHABH SAXENA			
144	G144	1900320310180	VANSH MISHRA	C6	Ms. Tania Gupta	IoT based smart energy meter and analysis using ML algorithm
145	G145	1900320310161	SIDDHARTH			
146	G146	1900320310176	UTKARSH CHAUDHARY			
147	G147	1900320310156	SHRUTI SINGH	C7	Dr. Manidipa Roy	Wheelchair with advanced communication
148	G148	1900320310197	YASH YADAV			
149	G149	1900320310082	LALIT SHARMA			
150	G150	1900320310195	VRITTI MEHROTRA	C8	Dr. Priyanka Bhardwaj	Bluetooth based Home Automation System using android phone
151	G151	1900320310196	YASH SURI			
152	G152	1900320310173	UJJWAL TRIPATHI			

153	G153	1900320310181	VARTIKA CHAURASIA	C9	Ms. Upasana Sharma	Covid-19 safety protocol measuring system
154	G154	1900320310145	SHANTANU NAITHANI			
155	G155	1900320310172	UJJWAL SHUKLA	C10	Mr. Ajay Suri	Interfacing of GPS and GSM with the help of node MCU for vehicle monitoring and tracking
156	G156	1900320310179	VAIBHAV PATEL			
157	G157	1900320310137	SANDESH SINGH			
158	G158	1900320310134	SAKSHI VERMA	C11	Ms. Khushbu Bansal	Design of 8- Bit ALU on Lower Technology Node
159	G159	1900320310129	ROHIT CHOUDHARY			
160	G160	1900320310124	RISHABH KUMAR			
161	G161	1900320310130	ROHIT KUMAR SINGH	C12	Ms. Upasana Sharma	Advance Night Surveillance Drone
162	G162	1900320310160	SIDDHANT BANSAL			
163	G163	1900320310126	RISHIT SITHOLEY			
164	G164	1900320310170	UJJAVAL JHANWAR			
165	G165	1900320310171	UJJWAL RANA	C13	Dr. Jugul Kishore	Design of Microstrip patch antenna for 5G
166	G166	1900320310132	SAKSHI GUPTA			
167	G167	1900320310152	SHIVANKI SRIVASTAVA	C14	Dr. Ajay Suri	Brain Tumour Detection system using Machine learning
168	G168	1900320310155	SHRUTI SINGH			
169	G169	1900320310166	TANYA OJHA			
170	G170	1900320310159	SHWETA SINGH	C15	Ms. Geetanjali Raj	Face recognition Application Using Matlab and Python
171	G171	1900320310151	SHIVANGI SINGH			
172	G172	1900320310153	SHREY BHARDWAJ	C16	Mr. Manish	Design of Microstrip patch antenna for wearable applications
173	G173	1900320310142	SAURABH SUR			
174	G174	1900320310148	SHIKHAR CHOUDHARY			
175	G175	1900320310147	SHASWAT AWASTHI	C17	Prof.(Dr.) Sanjay Kr. Singh, Dr. Raman Kapoor	FPGA implementation of distance measurement using ultrasonic sensor
176	G176	1900320310146	SHAQUIB IKHLAQ			
177	G177	1900320310163	SUPRANSH SRIVASTAVA			
178	G178	1900320310157	SHUBH SHRIVASTAVA	C18	Ms. Geetanjali Raj	Wireless notice board using LoRa
179	G179	1900320310165	TANISHK MISHRA			
180	G180	1900320310169	TUSHAR TEGWANI	C19	Ms. Arpita Johari	Solar Energy prediction using ML
181	G181	1900320310128	ROHAN RAJPUT			
182	G182	1900320310177	UTKARSH RAJPUT			
183	G183	1900320310135	SAMEER SAIFI	C20	Ms. Tania Gupta	Renewable Energy Based Secure Automation System
184	G184	1900320310164	SURAJ BHAN SINGH			
185	G185	1900320310158	SHUBHAM RAJ			
186	G186	1900320310150	SHIVAM VERMA	C21	Dr. Raman Kapoor	IOT enabled air pollution meter with digital dashboard on smartphone
187	G187	1900320310178	UTKARSH SRIVASTAVA			
188	G188	1900320310167	TANYA PARWAL			
189	G189	1900320310141	SAUMYA SINGH			