

**ABES Engineering College, Ghaziabad**  
**Department of Electronics & Communication Engineering**  
**Major Project Final Year (Batch 2020-24), Session 2023-24**

SN	GN	Roll No.	Student Name	Project Title	Guide Allotted
1	A1	2000320310001	AAKASH MALIK	DESIGN AND IMPLEMENTATION OF 16 BIT ADDER USING VITUOSO	Mr. Kamal Bhatia
2		2000320310013	AKASH YADAV		
3		2000320310059	Chirag Gupta		
4		2000320310031	Anshika Garg		
5	A2	2000320310004	ADARSH BHARDWAJ	A Low power high speed sense amplifier based flip flop in 45nm MTCMOS	Mr. Shailendra Bisariya
6		2000320310020	Amar Jyothi		
7		2000320310023	AMIT PAL		
8		2000320310027	ANKIT KUMAR BHARTI		
9	A3	2000320310009	Agnimitra Mishra	Smart Bidge collapse prevention system using microcontroller & sensors	Dr. Manish Zadoo
10		2000320310012	AKASH VERMA		
11		2000320310018	ALOK TIWARI		
12		2000320310022	AMIT BHATT		
13	A4	2000320310016	AKSHITA SINGH	An FPGA Implementation of health monitoring system	Ms. Unnati Mehta
14		2000320310025	ANIKET RANA		
15		2000320310043	Arjun Garg		
16		2000320310060	David Chaudhary		
17	A5	2000320310008	ADITYA SWARNAKAR	Design of FIR filter based on improved DA algorithm	Ms. Unnati Mehta
18		2000320310011	AKASH SHARMA		
19		2000320310014	AKRITI		
20		2000320310017	AKSHYA DWIVEDI		
21	A6	2000320310039	Anurag Mishra	Design and analysis of surface plasmon resonance based photonic crytal fiber refractive index sensor	Dr. Shivam Singh Mr. Kamal Bhatia
22		2000320310053	AVISHA TIWARI		
23		2000320310035	Anubhav Chaudhary		
24		2000320310057	AYUSH TYAGI		
25	A7	2000320310040	Anurag Pal	Industrial Pollution Monitoring System using Lab View & GSM	Mr.Deepak Garg
26		2000320310065	DIPANSHU GAUR		
27		2100320319002	AZAM KHAN		
28		2100320319003	KARTIKEY TYAGI		
29	A8	2000320310044	ARNAV GUPTA	A Compact Patch Antenna with reduced return loss & reflection coefficient	Dr. Navneet Sharma
30		2000320310046	ARYAN SINGH DAHIMA		
31		2000320310058	AYUSHI RAI		
32	A9	2000320310041	ANUSHKA TIWARI	Wi-Fi Tally: Crowd Monitoring & Counting	Mr. Rajeev Pandey
33		2000320310045	ARPIT SRIVASTAVA		
34		2000320310062	Deepesh Attri		
35	A10	2000320310010	AHTISHAM AHMAD	Satellite Image Processing	Mr. Dalak Jain
36		2000320310048	ASHISH YADAV		

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37	A10	2000320310052	ATIF ALI	using Verilog	Mrs. Parak Jami
38		2000320310056	AYUSH KUMAR		
39	A11	2000320310049	ASHUTOSH KUMAR SINGH	UART using Verilog	Ms. Kavita Chaudhary
40		2000320310061	DEEPANSHU PAL		
41	A12	1900320310035	Ashish Kumar Yadav	Miniaturized Drone	Mr. Deepak Garg
42		2000320310050	ASHUTOSH MISHRA		
43	A13	2000320310034	ANSHUL PANDEY	solar powered air purifier with air quality monitor	Dr. Ajay suri
44		2000320310055	AYUSH		
45		2000320310064	DHARMENDRA NISHAD		
46	A14	2000320310002	ABHISHEK MODANWAL	Design & development of electrically small antenna for sensing app.	Dr. Jugul Kishore
47		2000320310028	ANKIT SINGH YADAV		
48		2000320310036	ANUJ KUMAR		
49		2000320310038	ANUPAM CHOUDHARY		
50	A15	2000320310024	ANAND VISHWAKARMA	IoT Mining Tracking and worker safety helmet	Ms. Ranjeeta Yadav
51		2000320310026	ANIMESH YASH		
52		2000320310033	ANSHIKA SINGH		
53		2000320310066	DIVYANSHU AWASTHI		
54	A16	2000320310006	ADITYA RAJ	Number plate recognition system using verilog	Dr. Raman Kapoor
55		2000320310007	ADITYA SHARMA		
56		2000320310015	AKSHAT KUMAR GUPTA		
57		2000320310019	AMAN GUPTA		
58	A17	2000320310032	ANSHIKA SINGH	Design & Implementation of braun multiplier using Verilog	Dr. Raman Kapoor
59		2000320310037	ANUKRATI SHARMA		
60		2000320310042	APARNA MITTAL		
61	A18	2000320310005	ADITYA GANDHI	Object identification for blind people using image processing	Mr. Manish
62		2000320310021	AMBUJ TRIPATHI		
63		2000320310054	AYUSH		
64		2000320310063	DEVANSH SRIVASTAVA		
65	B1	2000320310119	Piyush Pandey	Virtual Reality Based Simulation of Real Estate	Dr. Ajay Suri
66		2000320310118	Piyush Goswami		
67		2000320310068	Divyanshu Singh		
68	B2	2000320310108	Naveen Tripathi	An Advanced Sysytem for Accurate Control and Energy Optimization of Smart Appliances Through GPRS	Dr. Manish Zadoo
69		2000320310130	Pushkar Chaubey		
70		2000320310106	Mukesh Kumar Chauhan		
71	B3	2000320310097	Lakshay Dixit	Slotted Microstrip MIMO antenna	Dr. Navneet Sharma
72		2000320310127	Priya Verma		
73		2000320310120	Prajjwal Jaiswal		
74		2000320310090	Keertika Singh		

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75	<b>B4</b>	2000320310082	Himanshu Pandey	Low Power 4:1 MUX using TGL Technology	Mr. Kamal Bhatia
76		2000320310102	Manvi Pankaj		
77		2000320310084	Jatin Sharma		
78		2000320310075	Geetika Parashar		
79	<b>B5</b>	2000320310115	Paridhi Pandey	Health care monitoring system	Prof.(Dr.) Priyanka Bhardwaj
80		2000320310077	Harsh Kumar Srivastav		
81		2000320310113	Nishant bharadwaj		
82	<b>B6</b>	2000320310088	Kanchan Kumari	Advanced Digital Door Lock Using Blockchain Based on GCP Technology	Prof.(Dr.) Priyanka Bhardwaj
83		2000320310089	Kartik Kaushik		
84		2000320310072	Gagan Sharma		
85	<b>B7</b>	2000320310094	Kshitij Kumar	DIY Ventilator using Arduino	Ms. Ranjeeta Yadav
86		2100320319005	Nishant Pandey		
87		2000320310132	Raghav Shah		
88		2000320310112	Nilesh Agarwal		
89	<b>B8</b>	2000320310109	Neha Tiwari	Design and Implementation of Baugh Wooley Signed Multiplier using Verilog.	Mr. Shailendra Bisariya
90		2000320310098	Mahak Gupta		
91		2100320319001	Anamika Shrivastav		
92	<b>B9</b>	2000320310116	Parth Kumar Dhiman	Design & Implementation of IoT Based Smart Helmet for Road Accident Detection	Ms. Rakhi Kumari
93		2000320310110	Niharika		
94		2000320310081	Harsh Pratap Singh		
95	<b>B10</b>	2000320310131	Rachit	Design and Implementation of SRAM Using Verilog	Mr. Kamal Bhatia
96		2000320310107	Mukul		
97		2000320310092	Kirti Bindal		
98	<b>B11</b>	2000320310105	Mohit Joshi	Fully Automated Solar Grass Cutter	Ms. Upasana Sharma
99		2000320310076	Harsh Chaurasiya		
100		2000320310123	Prashant Kumar		
101	<b>B12</b>	2000320310122	Prashant	Automatic Gate Entry Alarm System	Ms. Rakhi Kumari
102		2000320310121	Prasann Gaurav		
103		2000320310114	Pankaj Singh		
104	<b>B13</b>	2000320310083	Himesh Chauhan	Smart irrigation system	Ms. Shilpa Srivastava
105		2000320310080	Harsh vardhan		
106		2000320310073	Gaurav Chaudhary		
107	<b>B14</b>	2000320310129	Priyanshu Sharma	Fast Fourier Transform Using HDL	Mr. Shailendra Bisariya
108		2000320310093	Krishna Kumar		
109		2000320310087	Kabir Mendiratta		
110		2000320310101	Manav		

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111	<b>B15</b>	2000320310111	Nikhil Mishra	Vehicle Theft Detection and Tracking Based on GSM and GPS	Mr. Hitesh Tomar
112		2000320310117	Pinkoo Gupta		
113	<b>B16</b>	2000320310104	Mohd Arsh Ali	Air Quality Monitoring Using FPGA	Ms. Unnati Mehta
114		2000320310124	Pratham Maurya		
115		2000320310069	Ehtesham Ahmed		
116	<b>B17</b>	2000320310074	Gautam Garg	Air Purifier Robot	Ms. Anupam Singh
117		2000320310091	Keshav Goel		
118		2000320310095	Kunal Singh Naruka		
119	<b>B18</b>	2000320310128	Priyansh Rai	To implement an area efficient universal cryptography processor for smart cards	Dr. Raman Kapoor
120		2000320310067	Divyanshu Gupta		
121		2000320310096	Lagan Sharma		
122	<b>B19</b>	2000320310071	Fyona Vats	LORA Based Advanced Multipurpose Security System	Mr. Manish
123		2100320319004	Kopal Srivastava		
124		2000320310086	Jayan Kumar Goel		
125		2000320310125	Pratibha		
126	<b>B20</b>	2000320310078	Harsh Verma	Health Monitoring System Using Verilog	Dr. Raman Kapoor
127		2000320310100	Manas Kumar Upadhyay		
128	C1	2000320310147	Sachin Jaiswal	Smart Wheelchair for specially Abled people	Ms. Pooja Pathak
129		2000320310150	Sahil Jain		
130		2000320310176	Tanmay Srivastava		
131		2000320310181	Utkarsh Dhar Dubey		
132	C2	2000320310145	Riya Srivastava	Design & implementation of a low power high speed full adder cell for low power application	Mr. Shailendra Bisariya
133		2000320310160	Shivam Tiwari		
134		2000320310191	Vidhi Verma		
135	C3	2000320310148	Sagar Verma	Smart shopping trolley (E-Cart)	Ms. Geetanjali Raj
136		2000320310173	Suryansh Rai		
137		2000320310193	Vineet Gupta		
138		2100320319007	Shushant Sharma		
139	C4	2000320310141	Ritambhra Sharma	Heavy Vehicle monitoring & tracking system using IoT	Ms. Pooja Pathak
140		2000320310142	Ritendra Kumar Yadav		
141		2000320310152	Sandeep Sharma		
142		2000320310199	Yukti Pujari		
143	C5	2000320310134	Rahul Pandey	Design & implementation of two-stage CMOS operational amplifier.	Mr. Shailendra Bisariya
144		2000320310135	Raj Kesarwani		
145		2000320310149	Sahil Agarwal		
146	C6	2000320310139	Rishav Mittal	Aegis of advanced mobility regulation by spotting motorcyclist carrying helmet leveraging compuer	Ms. Palak Jain
147		2000320310179	Tushar Goyal		

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148		2000320310186	Vaibhav Tripathi	vision	
149	C7	2000320310138	Riddhi Gupta	Design & Implementation of FIR filter Using Verilog	Dr. Raman Kapoor
150		2000320310187	Vaishali Agrawal		
151		2000320310190	Vanshika Jain		
152	C8	2000320310175	Swarit Pandey	8-bit Vedic Multiplier using Verilog	Mr. Kamal Bhatiya
153		2000320310185	Vaibhav Mohan		
154	C9	2000320310137	Reyansh Upadhyay	Aurduino based IoT smart parking system	Ms. Anupam Singh
155		2000320310182	Utkarsh Kumar Srivastava		
156		2100320319006	Shubh Tyagi		
157	C10	2000320310144	Ritika Saini	IoT based Voice Cntrolled robor using aurduino	Ms. Shilpa Srivastava
158		2000320310165	Shubham Shukla		
159		2000320310170	Sneha Gupta		
160	C11	2000320310158	Shikhar Srivastava	CampusConnect (a Student and Teacher app Using Blockchain)	Ms. Geetanjali Raj
161		2000320310163	Shreya Tyagi		
162	C12	2000320310184	Vaibhav Gupta	Agri-Bot: IoT based unmaned smart vehicle for agriculture operation	Mr. Rajeev Pandey
163		2000320310188	Vansh Sharma		
164		2000320310198	Yash Tonk		
165	C13	2000320310157	Shashank Shekhar Yadav	Metamaterial based Patch anteenaa for Biomedical Application	Dr. Manidipa Roy
166		2000320310194	Vipul Verma		
167	C14	2000320310159	Shivam Singh	Electronic Voting Machine	Manish
168		2000320310195	Vishal Singh Chandel		
169		2000320310169	Sidharth Pratap Singh		
170	C15	2000320310155	Satyam Verma	Smart Helmet Based on IoT (Embedded IoT Technology)	Ms. Ritu Aggarwal
171		2000320310196	Vishwajeet Kumar Singh		
172		2000320310200	Zeeshan Khan		
173	C16	2000320310162	Shivesh Mehta	Vehicle Antitheft system using finger print & passcode with speed control and obstacle detection	Ms. Geetanjali Raj
174		2000320310174	Swadha Srivastava		
175		2000320310178	Tapesh Pratap Singh		
176	C17	2000320310143	Ritika Jain	Design of high speed, low power & area efficient ALU	Prof. (Dr.) Sanjay Kumar Singh
177		2000320310180	Utkarsh Agrawal		
178		2000320310183	Vaibhav Aggarwal		
179	C18	2000320310153	Sanskar Jindal	Health monitoring system for soldiers using IoT	Ms Upasana Sharma
180		2000320310154	Sarthak Upadhyay		
181		2000320310167	Siddhant Kumar		
182	C19	2000320310166	Shubhansh Mahawar	Metamaterial based patch antenna for satellite communication	Dr. Manidipa Roy
183		2000320310192	Vidushi Gupta		
184	C20	2000320310171	Snehil Sachdeva	Design of Compact Size Tri-Band Stacked Patch Antenna for GPS and IRNSS Applications	Dr. Jugul Kishore
185		2000320310197	Yash Sarin		

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186	C21	2000320310151	Sajal Tripathi	Design & Implementation of Linear Feedback shift register using FPGA	Mr. Kamal Bhatiya
187		2000320310161	Shivanshu Pratap Singh		
188		2000320310156	Sharad Gupta		
189	C22	2000320310164	Shreyansh	Smart Car Parking System Using Piezoelectric Energy	Ms. Ritu Agarwal
190		2000320310168	Siddharth Srivastava		
191		2000320310172	Srijit Pandey		