Bhagwan Parshuram Institute of Technology				
B. Tech. 7th Sem (ECE) - Batch (2021-25)				
Academics Session (2023-24)				
LIST OF MINOR PROJECTS ALLOTED (2021-2025 BATCH)				

Gr. No	Project Title	Student Members	Enrolment Number	Mentor Name
1	Voice Communication via optical fibre	Atul Mishra	09020802821	Prof. Anuradha Bhasin
		Shubham Singh	08220802821	
2	Smart Parking System	Deepti Gaur	09920802821	Dr.Akash Rathee
		Divanshi Aggarwal	20820802821	
		Rahul Sharma	20420802821	
		Ankit Singh	21620802821	
3	Smart Home using IOT	Kaustubh Kr Singh	20920802821	Dr.Akash Rathee
		Yuvraj Ahuja	20220802821	
		Ayush Chand	20620802821	
		Yashika Diwan	20320802821	
4	Smart irrigation system	Prince Singh	06020802821	Dr.Akash Rathee
		Madhav Gupta	50120802821	
		Saksham Choudhary	05420802821	
		Priyanshu kinha	09420802821	
5	Development of Brain-Computer interface to control Real Time IoT devices.	Naman Jain	04320802821	Dr .Dileep Dwivedi
		Lokesh Singh	02320802821	
		Akshit Shroff	02120802821	
		Riya Dhami	05820802821	
6	Novel methods to detect brain tumor in MRI images	Tripti Aggarwal	06820802821	Dr.Jayant Bhardwaj
		Upasana singla	07820802821	
		Shelly sati	09720802821	
7	IOT based Home Automation System	Nishant jindal	04220802821	Dr..Jayant Bhardwaj
		Gauri pandey	01120807322	
		Rohit rawat	00920802821	
8	Fetal ECG waveform segmentation using Deep Learning	Alok Tiwari	08120802821	Dr.Komal Bhagat
		Bhawar syal	08020802821	
9	ML and Iot based cleaning robot	Pratham Bhatia	00720802821	Dr. Komal Bhagat
		Suraj Singh	00620802821	
		Garvit Kumar	36120802821	
		Rohit Roy	01520802821	
10	Machine Learning Weather Prediction	Amanjyot Singh Kalsi	05520802821	Dr. Megha Aggarwal
		Simran Bandhu	05020802821	
		Karan Pahwa	07320802821	
		Mansi kumari	03020802821	
		Avinash Gautam	08620802821	

11	House Prices Prediction using ML	Kartikey Pandey	08520802821	Dr. Megha Aggarwal
		Prince Jha	07520802821	
12	Chain Query AI	Aadi Gupta	06520802821	Dr. Megha Aggarwal
13	Predictive Model for Agriculture	Alka Singh	05920802821	Dr.Megha Aggarwal
		Divya Jain	06320802821	
		Tanmayta Tyagi	05120802821	
14	Arduino Based Security System	Garvit Jain	01420802821	Dr. Komal Bhagat
		Sourabh Singh	00320802821	
		Kartikay Pathak	02520802821	
15	Concrete Crack Detection using ML	Yash Gupta	00820802821	Dr. Pavika Sharma/ Ms.Tanima Ghosh
		Tanish Saini	01320802821	
		Ankit Jha	04720802821	
16	Deep Learning Based Robot Navigation system	Aryan Kamboj	01020802821	Dr.Pavika Sharma
		Mohit Sharma	01620802821	
		Vangara Yasaswini	35320802821	
		Shriya Pandey	35520802821	
17	Home Automation using IOT	Rajtilak Panday	09320802821	Dr. Preeti Singh
		Rohit Sharma	50320802821	
		Saurabh Kumar Rai	09820802821	
		Amandeep Singh	08820802821	
18	8-bit Wallace Multiplier	Rohit Rajnish	06420802821	Dr. Preeti Singh
		Shivshankar Tripathi	06120802821	
		Manav Negi	06720802821	
		Rahul Chaudhary	07120802821	
19	Plant monitoring system using IOT	Nitin kumar	00420807322	Dr. Preeti Singh
		Jyoti Saha	00920807322	
		Aniket Sarbha	00620807322	
		Ashish Wadhwa	00820807322	
20	Segmentation of Brain Tumor using Modified 2-D U-Net Model in MRI images	Renam Singla	04520802821	Dr Ritu Rani
		Naveen Singh	07920802821	
21	Design, Implementation and Analysis of a VoIP- IP Telephony System Network Design using Different Routing protocols.	Jai sharma	36020802821	Dr. Sandeep Sharma
		Shubham bisht	03420802821	
		Sagar yadav	03820802821	
		Ekamber sharma	03520802821	
22	Design of a compact microstrip Antenna for Wi-Fi ,WLAN, X-Band & UWB applications	Sakshi Aggarwal	21020802821	Dr. Sandeep Sharma

No.	Project Title	Name	Roll No.	Guide
23	IOT Based Smart City Model	Divyansh Arora	03920802821	Dr. Sandeep Sharma
		Abhigya Sharma	03320802821	
		Debdatta Roy	35720802821	
24	Simulation of Smart Classroom using CPT	Kamini Kumari	20120802821	Mr. Risheek Kumar
		Nandana Nair	21320802821	
		Devisha	50220802821	
		Bhavya Ahuja	21520802821	
25	Comprehensive Network Infrastructure for healthcare company	Mayank Bhardwaj	04820802821	Mr. Risheek Kumar
26	Comparative study of RIP, OSPF, EIGRP protocol using CPT	Aman Mishra	08420802821	Mr. Risheek Kumar
		Prashansa Shrivastava	09120802821	
		Musaib Ahmad Parray	75120802821	
27	Implementation of IOT based Smart Hospital System	Ridhima Sharma	05320802821	Mr. Risheek Kumar
		Piyush Sharma	75220802821	
		Israil Saifi	08720802821	
		Sanya Rungta	07620802821	
28	Inteligent Chatbot for PCOS detection	Aniket Kumar	00220802821	Dr. Ritu Rani
		Nishant kaushik	00520802821	
		Lavanshi Bansal	35820802821	
		Mouli Kwatra	35620802821	
29	Face Recognition Attendance system using Deep Learning	Nishant Kumar Singh	20520802821	Dr. Ritu Rani
		Aditya Dixit	21420802821	
		Harsh Kaushik	21220802821	
		Harsh Goel	21820802821	
		Mayank Shokeen	04420802821	
30	Design and Analysis of Multiband MIMO antenna	Varun Parashar	01120802821	Dr. Usha Sharma
		Vaibhav Madan	02220802821	
		Siddharth Vashisht	35920802821	
		Yash Kaushik	35220802821	
31	Weather Monitoring system using node MCU ESP8266	Govind Singh	00320807322	Dr. Usha Sharma
		Roshan kumar	01020807322	
		Deepak Yadav	00120807322	
		Robinsh Kumar	09220802821	
32	Design and analysis of multiband MIMO antenna	Kartik sharma	00520807322	Dr. Usha Sharma
		Piyush	36220802821	
		Vandana Sharma	00220807322	
		Reyanshi Mukund	00720807322	
33	Wideband MIMO antenna design	Smriddhi Lau	02820802821	Ms. Monika Kaushik
		Ananya Garg	02720802821	
		Kanishk Garg	02920802821	
		Piyush Mehta	02620802821	

34	Fetal Health Monitoring using Deep learning	Divye Dewan	03720802821	Ms. Prachi Kaushik
		Ritvik Sakhuja	01820802821	
		Aakash Gupta	03220802821	
35	Deep Learning Based Fetal Health Monitoring Systm	Jai Tyagi	03620802821	Ms. Prachi Kaushik
		Rahul Baliyan	04120802821	
		Manya Goyal	01720802821	
36	Concrete Crack Detection by ML	Aditya Kumar	00420802821	Ms. Tanima Ghosh
		Raj Verma	01920802821	
		Yash Bansal	02020802821	
		Neeraj	02420802821	
37	Comparative Analysis of Multi-Modality Medical Image Fusion Techniques	Vansika Raj	06920802821	Ms. Tanima Ghosh
		Chitranshi Joshi	07020802821	
		Deepti Kushwaha	07720802821	
38	Medical Image Enhancement	Manish Pokhrel	20720802821	Ms. Tanima Ghosh
		Akash Ranjan	21720802821	
		Sneh Shrivastava	21120802821	
39	Scan & Go (Implementation of Smart Billing System to avoid Long Queues at Retail Stores)	Yatharth Jain	05620802821	Ms. Tanima Ghosh
		Vaibhav Bharadwaj	07420802821	
		Mayank Chaturvedi	06220802821	