

**SARDAR PATEL INSTITUTE OF TECHNOLOGY**  
**MUNSHI NAGAR, ANDHERI (WEST), MUMBAI - 400 058**  
**(Autonomous Institute Affiliated to University of Mumbai)**  
**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING**  
**Academic Year: 2023-2024 Class: B.Tech (Sem: VII) Course: Major Project**

Sr. No	Group No.	UCID No.	Name of Students	Email	CAT	Guide	Co-Guide	Topic
1	C1.1	2020200037	Aditya Kulkarni	aditya.kulkarni@spit.ac.in	1	Dr. Sujata Kulkarni	Prof. Milind Paraye	Drones for Smart Agriculture
2		2020200063	Vrushali Varude	vrushali.varude@spit.ac.in	1			
3		2020200003	Harish Balasubramanian	n	1			
4	C1.2	2020200031	Sarthak Kambli	sarthak.kambli@spit.ac.in	1	Dr. Reena Sonkusare		Real-Time Waveform Player
6		2020200060	Kunal Thakur	kunal.thakur@spit.ac.in	1			
7	C1.3	2020200012	Tanmay Gadgil	tanmay.gadgil@spit.ac.in	1	Dr. Rajendra Sawant		FPGA-Integrated Real-Time Control and Signal Verification For Digital Control of High Frequency Induction Heating Inverter
8		2020200050	Monish Rane	monish.rane@spit.ac.in	1			
9	C1.4	2020200008	Janhavi Dangle	janhavi.dangle@spit.ac.in	1	Prof. Milind Paraye		Forex Trade Prediction and Tracking using Ensemble Learning
10		2020200006	Atharva Chaudhari	atharva.chaudhari@spit.ac.in	1			
11		2020200028	Aarnav Joshi	aarnav.joshi@spit.ac.in	1			
12	C1.5	2021201074	Rina Pachkale	rina.pachkale@spit.ac.in	1	Dr. Sukanya Kulkarni		Solar-powered wireless charging system for Electric Vehicles
13		2021201072	Mitali Sherkhane	mitali.sherkhane@spit.ac.in	1			
		2020100051	Nikhil Saraf (ETRX)		1			
14	C1.6	2020200043	Guruprasad Parasnis	guruprasad.parasnis@spit.ac.in	1	Dr. B N Chaudhari	Dr. Vikram Gadre	Applications of Multiresolution Wavelets for Efficient Image Processing and Lightweight Deep
15		2020100004	Rajas Bhope(ETRX)		1			
16	C1.7	2020200055	Rushikesh sangole	rushikesh.sangole@spit.ac.in	1	Dr. B N Chaudhari	Dr. Vikram Gadre	
1	C2.1	2020200023	Bhavesh Jadhav	bhavesh.jadhav@spit.ac.in	2	Dr. Y. S. Rao		Telematic: next gen telecom data visualization
2		2021201073	Sahil Patil	sahil.patil2@spit.ac.in	2			
3		2020200021	Saurabh Hagawane	saurabh.hagawane@spit.ac.in	2			
4	C2.2	2020200009	Shreyas Dherange	shreyas.dherange@spit.ac.in	2	Dr.Y.S Rao		Solar powered sensorless submerged water pump
5		2020200058	Navinder Singh	navinder.singh@spit.ac.in	2			
6	C2.3	2020200044	Laukik Patade	laukik.patade@spit.ac.in	2	Dr. Sujata Kulkarni	Dr. Amol Deshpande	Unmanned ground robot for agriculture
7		2020200049	Sandeep Pillai	sandeep.pillai@spit.ac.in	2			
8		2020200051	Rohan Rane	rohan.rane@spit.ac.in	2			
9	C2.4	2020200040	Vineet Mankani	vineet.mankani@spit.ac.in	2	Dr. Amol Deshpande		Memory-driven Robotic Arm with WiFi enabled control using ESP32
10		2020200066	Chirag Wadhwani	chirag.wadhwani@spit.ac.in	2			
11	C2.5	2020200022	Yug Harlalka	yug.harlalka@spit.ac.in	2	Prof. Sneha Weakey	Dr. Reena Sonkusare	Dental Disease Recognition
12		2020200069	Parth Yogaonkar	parth.yogaonkar@spit.ac.in	2			
13		2020200065	Aryan Verma	aryan.verma@spit.ac.in	2			
14	C2.6	2020200052	Prathamesh Rathod	prathamesh.rathod@spit.ac.in	2	Dr. Y.S.Rao	Dr. Anand Mane	Real time condition monitoring system using IoT and AWS integration
15		2020200067	Siddharth Warriar	siddharth.warrior@spit.ac.in	2			
16		2021201080	Siddhesh Choughule	siddhesh.choughule@spit.ac.in	2			
17	C2.7	2020200005	Akash Biswas	akash.biswas@spit.ac.in	2	Prof. Milind		Depression detection using smartwatch
18		2020200011	Keerti Didwania	keerti.didwania@spit.ac.in	2			

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Sr. No	Group No.	UCID No.	Name of Students	Email	CAT	Guide	Co-Guide	Topic
19		2020200017	Riya Goenka	riya.goenka@spit.ac.in	2	Paraye		
20		2020200016	Kaustubh Ghare	kaustubh.ghare@spit.ac.in	2			
21	C2.8	2020200029	Alisha Kadam	alisha.kadam@spit.ac.in	2	Dr. Anand Mane	Dr. K. T. Talele	Real-Time Surveillance system over High Distances
22		2020200032	Shubham Kanhere	shubham.kanhere@spit.ac.in	2			
23		2020200002	Tanya Anupam	tanya.anupam@spit.ac.in	2			
24	C2.9	2020200039	Darshan Lahamage	darshan.lahamage@spit.ac.in	2	Dr. R. R. Sawant		CCTV Integrated Attendance Monitoring System Using Face Recognition
25		2020200041	Nishali Dhanshika	nishali.dhanshika@spit.ac.in	2			
26		2020200036	Sangharsh Kuldipkar	sangharsh.kuldipkar@spit.ac.in	2	Dr. Amol Deshpande		Banana plant disease detection using Image Processing
27	C2.10	2020200045	Preet Patil	preet.patil@spit.ac.in	2			
28		2020200048	Yogendra Pawar	yogendra.pawar@spit.ac.in	2			
29	C2.11	2020200020	Vijay Prasanna	vijay.prasanna@spit.ac.in	2	Prof. Sneha Weakey	Dr. Sukanya Kulkarni	Water cooler using Control System
30		2020200027	vishal jha	vishal.jha@spit.ac.in	2			
31		2020200014	Palaash Gandhi	palaash.gandhi@spit.ac.in	2			
32	C2.12	2020200064	Swarangi Vedpathak	swarangi.vedpathak@spit.ac.in	2	Prof. Manish Parmar		2D Brain MRI Segmentation: U-Nets versus Optimized DeepLab Models
33		2020200013	Srushti Gaikwad	srushti.gaikwad@spit.ac.in	2			
34		2020200059	Piyush Soni	piyush.soni@spit.ac.in	2			
35	C2.13	2020200061	Akshat Tickoo	akshat.tickoo@spit.ac.in	2	Prof. Manish Parmar		Pathole Detection
36		2020200068	Kevin Xavier	kevin.xavier@spit.ac.in	2			
37		2020200056	Siddharth Sasane	siddharth.sasane@spit.ac.in	2			
38	C2.14	2020200062	Omkar Vaidya	omkar.vaidya@spit.ac.in	2	Prof. Milind Paraye		Classification of Parkinson's disease from spiral and wave drawings using deep learning
39		2020200054	Onkar Salvi	onkar.salvi@spit.ac.in	2			
40		2021201079	Virendra Mahajan	virendra.mahajan@spit.ac.in	2			
41		2020200015	Shruti Gautam	shruti.gautam@spit.ac.in	2	Dr. Reena Sonkusare		Sensory Sight: Next-Generation Cap for the visually Impaired
42	C2.15	2020200019	Shreya Gurav	shreya.gurav@spit.ac.in	2			
43		2021201070	Narayan Gawas	narayan.gawas@spit.ac.in	2			
44	C2.16	2020200034	Vyom Khare	vyom.khare@spit.ac.in	2	Prof. Manish Parmar		Comparative analysis of ML models for Posture
45		2020200030	Utsav Kaim	utsav.kaim@spit.ac.in	2			
46		2020200026	Aryan Jaiswal	aryan.jaiswal@spit.ac.in	2			
47	C2.17	2020200004	Nikhil Binnar	nikhil.binnar@spit.ac.in	2	Dr. Anand Mane		Lora net base station monitoring
48		2020200007	Swapnil Chavan	swapnil.chavan@spit.ac.in	2			
49		2020200053	Akash Salgar	akash.salgar@spit.ac.in	2			
50	C2.18	2020200025	Khush jain	khush.jain@spit.ac.in	2	Dr. Anand Mane		Electricity bill prediction
51		2020200057	Harshvardhan sethia	harshvardhan.sethia@spit.ac.in	2			
52		2020200024	Heet jain	heet.jain@spit.ac.in	2			
53	C2.19	2021201076	Shashank Jagtap	shashank.jagtap@spit.ac.in	2	Prof. Sneha	Dr. Reena	

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54		2021201077	Shubham Shirke	shubham.shirke@spit.ac.in	2	Prof. Sneha Weakey	Dr. Reena Sonkusare	Scalable Client-Server Home Automation over Wireless Networks
55		2021201078	Rutika Shinde	rutika.shinde@spit.ac.in	2			
56	C2.20	2020200018	Dil Gupta	dil.gupta@spit.ac.in	2	Dr. Sukanya Kulkarni		Change detection of land cover and land usage classified image
57		2020200035	Ruchi Kowarkar	ruchi.kowarkar@spit.ac.in	2			
58		2020200033	Jatin Karkera	jatin.karkera@spit.ac.in	2			
59	C2.21	2021201075	Suyash Bargal	suyash.bargal@spit.ac.in	2	Dr. Amol Deshpande		Underground cable fault detection
60		2020200010	Tejas Dhurve	tejas.dhurve@spit.ac.in	2			
61	C2.22	2020200042	Adit Padgaonkar	adit.padgaonkar@spit.ac.in	2	Prof. Sneha Weakey	Dr. Sukanya Kulkarni	Design and development of educational app.
62		2020200038	Harshal Lade	harshal.lade@spit.ac.in	2			
63		2021201071	Gaurang Gawas	gaurang.gawas@spit.ac.in	2			