




Sardar Patel Institute of Technology
Munshi Nagar, Andheri (West), Mumbai - 400 058
Department of ETRX
B.Tech Project AY 2022-23

Group No.	Student Name	Category	Domain	Project Title	Mentor	Co-Mentor
1	Siddharth Deshpande Sumit Kulkarni Vaishnavi Bhore	2	Deep learning, image processing, IoT	Medical waste separation	RS	MRB
2	Vedant Bhangale Tirth Meghani Pulkit Chaudhari	2 2 1	ML, AI, IOT, Embedded	Traffic Management for Emergency Vehicles	DCK	RRS
3	Sanskar Badjatia Sayali Ayre Aditi Bagwe	2 1 1	Software, Mixed Reality	Immersive Gaming using Mixed Reality	NG	NAB
4	Chaitanya Padachh	2	Software, Stat Analysis, Finance	Research Paper on Impact Cost Analysis	GTH	RGS
5	Devansh Palliyath Rahul Parab Renuka Dyawarkonda	2	Embedded, Control Sys	BLDC Motor Controller	GTH	RGS
6	Prabhat Kumar Varun Kamath Prathamesh Shelar	2	Hardware (VLSI, Power Electronics)	FPGA based digital Power supply	RRS	RGS
7	Pushkar Sutar Sruthi Shivaramakrishnan Siddhant Kamlaskar	2	Hardware & Software (Signal Processing)	Wearable Music Gloves	DCK	NG
8	Eeshaan Asodekar Arpan Nookala Aryan Solanki	2	Deep Reinforcement Learning & hardware	Intelligent traffic Management Systems	NAB	DCK
9	Shivam Thakur Rani Tibdewal Manas Tiwari	1 2 2	Software (Computer Vision)	Violence detection early warning and control system	KTT	GTH
10	Arohi Shinde Shraddha Bhagyawant	2 2	Hardware (Microcontrollers and sensors)	Design and development of Steam Therapy Equipment	PVK	PD
11	Prathamesh Kadam Suraj kamtekar Dhvanik Makwana	2	Embedded Systems and Image Processing	Photographic recognition for Blind	PD	PVK
12	Hitanshu Jain Samay Gada Omkar Shinde	2	Blockchain	crowd funding using blockchain	NAB	NG
13	Chinmay Walinjar Pooja Khismatrao Tejal Dadas	2	software(data analysis)	Automated Fault detection system for distillation columns	MRB	PS
14	Shubham Sawant Niharika Mehta Bilal Sani	2	Web Developer & Data base Management	Web based course management system	KTT	GTH
15	Lokesh Patil Vivek Rajput	2	IoT	IoT based real-time automation system	PD	PVK

	Sahil Patil Tirth Patel Aniket Nadkarni					
16		2	Power Electronics	Single Phase Solid State Transformer Design	RGS	GTH
17	Jenil Dave Dhananjay Joshi Aditya Patwardhan	2	analog VLSI & Neuromorphic Engineering	Bio-inspired Silicon Retina for Color Vision	PS	RS
18	Sandeep Suthar Bhavika Vaishnavi Vinayak Tripathi	2	Data Analytics, IoT	Improving Food Supply Chain by reducing the food grain spoilage	NAB	KT
19	Shahid Shaikh Param Mehta Malhar Vairale		Blockchain Developement	CureChain -Blockchain based Supply Chain Solution of Medicines	PVK	PD
20	Ronit Gandhi Mayur Kumar Janhavi Ramesh Dabhane		Computer Vision	Speed Mapping for Indian Roads	MRB	KT
21	Aditya Umalkar Shivang Singh Manhas Imaz Chandiwalla	2	achine learning and embedded system	Estimation of the remaining useful life of roating machines	PD	PVK
22	Anushka Pilena Vaibhav Raina	2	Power Electronics in PV	MPPT vs PWM	RGS	GTH
23	Shubham Hule Sarvesh Jare	1 1	Computer Vision	Automated Fish Farming	NG	DCK
24	Apoorva Limaye Swaraj Salunke Ojas Pal	1	Blockchain, IoT and Web dev	Blockchain based patient data management system	PD	PVK
25	Ashish Jingar Nidhi Khanorkar Vinay Polewar	1	Communication	Online Tiffin Services	PS	NAB
26	Rahul Alshi Reeshav Guha Parth Lende	1	Analytics	Pollution Monitoring System	PVK	PD
27	Pujan Soni Vivek Thakkar Darshan Tater	1	p Development and Hardware Integrati	3-Step authentication of cab drivers	DCK	NAB
28	Astik Jadhav Divija Shringarpure Chetana Kamalkar	2 2 1	Data Analytics	Strategies to improve NIRF ranking	NAB	DCK
29	Ashutosh Sharma Sneha Ghuge	1		MEMS Based Sensor	PVK	PD

Prof. NA Bhagat		 Dr. Reena Sonskusare
Project Co-ordinator		HoD, EXTC Dept.