



Sardar Patel Institute of Technology

Munshi Nagar Andheri (West), Mumbai-400 058

Electronic and Telecommunication Engineering Department

Academic Year: 2018-2019

Lists of BE Project Groups

Group No	Name of the Students	Project Title	Guide/ Co-guide
1	Sharvika Raut	Implementation of power management scheduling algorithm on heterogeneous multicore SoC	Dr. Y.S. Rao
	Shubham Poyekar		
	Anirudh Sharma		
2	Kamlesh Badgujar	Implementation of Adaptive RF System using Software Defined Radio	Dr. Y.S. Rao/ Prof. Anand Mane
	Nachiket Chiplunkar		
	Atharva Deshpande		
3	Rohin Razdan	Violence detection using real time image processing	Dr. Y.S. Rao
	Aditya Sridhar		
	Pawanjeet Singh		
4	Ruman Kazi	Morphius: Self-reconfiguring modular robot that navigates through cracks and debris for inspection of inaccessible areas	Dr. Preetida V. Jani
	Ameya Nambisan		
	Simran Tiwari		
5	Akash Mahale	Generating a Decentralised Architecture for Data Privacy & Sharing using Blockchain Technology	Dr. Preetida V. Jani
	Anirvin Vishwanathan		
	Kanishka Kothari		
6	Umair Modak	Detection of Botnet and Ddos using a fast processing framework	Prof. D. Ambawade
	Eshaan Mudgal		
	Subhiksha Mukuntharaj		
7	Saish Raut	Authentication of transactions in Record Management using Hyper Ledger Platform	Prof. D. Ambawade
	Himani Mukne		
	Prathamesh Pai		
8	Abhinav Verma	Generation, encoding and detection of discrete information states in optical frequencies using acousto-optical modulation of modulated RF signals.	Prof. Reena Sonkusare/ Prof. Pallavi Malame
	Rishi Vedula		
	Vignesh Viswanathan		
9	Brinda Sarkar	Advanced Driver Assistance System	Prof. Reena Sonkusare/ Prof. Ganpat Parulekar
	Shivani Shekhar		
	Ankit Sawant		
10	Hrohaan Malhotra	Predictive Maintenance and Monitoring of Automobiles and Detection of Driving Patterns.	Prof. Reena Sonkusare/ Prof. Pallavi Malame
	Rohit Murali		
	Shraddha Wani		

11	Mohit Kapoor	Image Captioning System using Deep Learning	Prof.Manish Parmar
	Varun Kamble		
	Krishnaditya Kancharla		
12	Swapnil Masurekar	Video/Image generation from text using Deep learning	Prof.Manish Parmar
	Hrishikesh Shedekar		
	Roshankumar Sah		
13	Gaurav Gaikwad	Phase detection and its Behavioural Analysis for Efficient cache Modelling	Prof.Manish Parmar
	Nischint Jagdale		
	Omkar Waje		
14	Ankita Bhusari	Myoelectric Signal Driven Prosthetic Arm using Machine learning	Prof. Sukanya Kulkarni
	Neha Gupta		
	Tanya Kambli		
15	Girija Deshmukh	Emotion Recognition, Attribute Analysis of Audio Signals using Machine learning	Prof. Sukanya Kulkarni
	Apurva Gaonkar		
	Gauri Golwalkar		
16	Harshita Mondkar	Smart Healthcare Data Acquisition System	Dr. Sujata Kulkarni
	Tanvi Ghole		
	Shruti Karande		
17	Dharini Mehta	Solar Powered Self cleaning Toilets	Dr. Sujata Kulkarni/ Prof. Sneha Weakey
	Divit Karmiani		
	Aastha Shah		
18	Vedanta Pawar	Deep Learning approach to Video Compression using Convolutional Neural Networks	Prof. Anand Mane/ Prof. Ganpat Parulekar
	Vinay Vishwakarma		
	Alan Jacob		
19	Ankita Patil	Heart attack detection and prevention	Prof. Anand Mane
	Nilesh Jadhav		
20	Varsha shingade	Auto-Fertilisation and Irrigation Based on soil nutrient value	Prof. Anand Mane
	Rasica telgote		
	Shweta shinde		
21	Aniket wagh	Smart Bag with Embedded Cellphone Receiver and Seamless Smartphone Connectivity	Prof. Vijaya Kamble
	Neel Surti		
	Ameya Vatkar		
22	Vineetkumar Sharma	Emotion Recognition using Microexpressions	Prof. Vijaya Kamble
	Dharni Shah		
	Saloni Shah		
23	Saba mokashi	High-Temperature Measurement and	Prof. Milind Paraye/

	kumar amlendu	Control System	Prof. Sneha Weakey
	Shruti chougule		
24	Onkar Patil	Crop and Soil based Programmable farming system	Prof. Milind Paraye
	Karan Navale		
	Aniket Karande		
25	Samruddha Gupte	Maximum Power Point Tracking using Photovoltaic Solar System	Prof. Milind Paraye
	Akshay Jangam		

Reena Sonkusare
Project Coordinator

D. Ambawade
Dy. HOD

Y.S. Rao
HOD EXTC