



# Sardar Patel Institute of Technology

(Autonomous Institute)

## Ph.D.

(Faculty of Technology, University of Mumbai)

Electronics, Electronics and Telecommunication, Computer Engineering and Master of Computer Application

### Ph.D awarded/Thesis submitted/Title approved

S.N	Name of the Student	Faculty	Registration	Title	PhD Status
<b>Electronics and Telecommunication/COMP</b>					
1	Bhavarthe Pramod	EXTC	15/29-12-2016	Design of Compact Electromagnetic Band Gap Structures for Enhancement of Microstrip Patch Performances	PhD awarded Jan 2019
2	Sukanya A Kulkarni	EXTC	7/24-11-2014	Efficient peak to average power reduction techniques for OFDM system	Thesis Submitted
3	Sonkusare Reena S	EXTC	10/23-12-2014	Analysis of FinFET for analog performance and its application in analog circuit	Thesis Submitted
4	Madhavi Harish Waghmare	EXTC	11/30-12-2014	Enhancement of Bandwidth for broadband communication by using Photonic band gap Structure in optical fiber	Thesis Submitted
5	Aarti Milind Karande	COMP	1/15-07-2014	Modeling software solutions leveraging soft computing techniques to improve business process agility	Thesis Submitted
S.N	Name of the Student	Faculty	Registration	Title	PhD Status
<b>MCA</b>					
1	Nagar Mayura Rupesh	MCA		Improving Early Diagnostic Tech of DCAN by discovering latent features	Title Approved
2	Kulkarni Manasi Mohan	MCA		Investigating approaches to address long tail problem for efficient recommendation system	Title Approved
3	Zaibunnisa Malik	MCA		Predicting motor control in autism by measuring brain activities and characterizing motor impairments	Title Approved
S.N	Name of the Student	Faculty	Registration	Title	PhD Status
<b>Electronics and Telecommunication</b>					
1	Ambawade Dayanand D	EXTC	14/04-03-2015	Study of Event Correlation Analysis Techniques for Network Security	Title Approved
2	Bhagat Narendra Anant	EXTC	8/25-11-2014	Current mode technique for optimizing the performance of transmitter and receiver in communication system	Title Approved
3	Tusharika S Banerjee	EXTC	9/27-11-2014	Numerical and analytical study for Microwave generation using backward wave oscillator	Title Approved
4	Talele Kiran Tulshiram Vasumati	EXTC	12/21-01-2015	Emotion Recognition using facial expression	Title Approved

5	Marathe Dipak Sitaram	EXTC	6/17-11-2014	Parameter optimization of WSN using mixed mode logic	Title Approved
6	Sankhe Darshana Nimesh	EXTC	18/18-11-2017	Hardware in the Loop Test Bench for Resonant Inverter Load Characterization	Title Approved
<b>S.N</b>	<b>Name of the Student</b>	<b>Faculty</b>	<b>Registration</b>	<b>Title</b>	<b>PhD Status</b>
<b>COMPUTER</b>					
1	Kavita Mahesh Kelkar	COMP	3/19-07-2014	Affective state learner model in virtual learning environment	Title Approved
2	Manish Parmar	COMP	13/23-01-2015	Regulated Contention of Shared Resources in Multi-Core Processors through Hardware Performance Monitoring Units	Title Approved
3	Lakshmi M Gadhikar	COMP	5/20-10-2014	Analysis and optimization of programs for GPGPU architectures	Title Approved
4	Kailas Kisan Devadkar	COMP	2/15-07-2014	Seamless integration of applications on mobile cloud using hybrid approach	Title Approved
5	Vijaya.B	COMP	4/23-07-2014	A hybrid approach for interlinking heterogeneous data on Linked data Web	Title Approved
6	Anand Godbole	COMP		Modeling Indian Classical Music using symbolic representation : Classification, Comparison and Composition	Title Approved
7	Surekha Dholay	COMP	17/12-04-2017	Imaging Techniques for Road Pothole Analysis	Title Approved
8	Natasha Raul	COMP	16/03-04-2017	Machine Learning Enabled Keystroke Behavioral Analytics as a support factor for User Authentication	Title Approved
9	Bide Pramod Jagannath	COMP		Social network user behavior analytics for manmade disaster	Title Approved
10	Kakad Shital Arun	COMP		Cross domain data interoperability and annotation using semantic web of things	Title Approved
11	Ladge Leena Vishwajit	COMP		Optimization of temperature and performance of heterogeneous multi-core system using temperature based task allocation	Title Approved
12	Modak Masooda Mohamed Aslam	COMP		Detection of Learning Disability using Learning Analytics	Title Approved
13	Mulla Nikahat Sammie	COMP		Synthesizing natural language conversations based on cognitive factors using generative artificial intelligence	
14	Pawar Dipti Rohan	COMP		A Speech model for Unvoiced Speech Recognition based on Electroencephalography	Title Approved
15	Pawar Renuka Sahebrao	COMP		An Intelligent IoT approach for enabling an access control solution for smart health care system	Title Approved
16	Sisodia Jignesh Amarsingh	COMP		Video analytics for monitoring of activities of elderly people to detect neurodegenerative disease Parkinson	Title Approved
17	Ambekar Neelima Sagar	COMP			
18	Kshirsagar Prachi Prashant	COMP			
<b>S.N</b>	<b>Name of the Student</b>	<b>Faculty</b>	<b>Registration</b>	<b>Title</b>	<b>PhD Status</b>

## Electronics

1	Bansode Manisha Ravindra	ETRX		Design of compact electromagnetic band gap structures for high speed signaling.	Title Approved
2	Kapure Vijay Ramesh	ETRX		Design of Metamaterial Structure for Triple band-notch Ultra wideband Monopole Antenna	Title Approved
3	Keshwani Vidya Rajesh	ETRX		Design of Compact Monopole Antenna with Low Specific Absorption Rate using Metamaterial	Title Approved
4	Mahind Umesh Sarjerao	ETRX		Development of compressive sensing based iterative solution of sparse signal representation problem	Title Approved
5	Shah Payal Hitesh	ETRX		Modeling and design of silicon neurons and synapse for neuromorphic chip implementation	Title Approved
6	Thakkar Rushali Ritesh	ETRX		An Investigation on reliable and efficient power electronic converters and their control for active balancing of energy cells.	
7	Velankar Shrikant Shrinath	ETRX			
8	Goswami Siddhant Arun	ETRX			
9	Khandagle Kumar Gopinath	ETRX			