

**Ph.D Awarded**

Sr. No	Name of Candidate	Title of Research	Department at ARC	Date of Award	Pre Submission Expert
1	Mr. D. V. Padole	Optimum Prototype Design of Embedded Controller for Some Applications in Intelligent Transportation Systems	Dept. of Electronics Engineering	6/7/2011	Dr M U Deshpande ,IIT Bombay
2	Mr. M.M. Khanapurkar	Vehicular Communication: A Design for Some Intra-vehicular Communication applications with VLSI Tools	Dept. of Electronics Engineering	6/7/2011	Dr M U Deshpande ,IIT Bombay
3	Mr. Manoj B. Chandak	Machine Translation Strategies and Speech Synthesis Initiatives for Indian Language	Dept. of Computer Science & Engineering	13/3/2013	Dr. M. Sasikumar, Director (R&D), CDAC
4	Mr. Prashant Sharma	A Design Approach to Hybrid Intelligent System with Type 2 Fuzzy Logic for Some Applications of Intelligent Transportation System. )	Dept. of Electronics Engineering	13/9/2013	Dr. Shiv Prakash, IISc,Banglore
5	Ms. Shubhangi.D Giripunje	A Design and Implementation of Simulation Facial Action Tracking and Emotion Recognition Based on Non Intrusive Parameters	Dept. of Electronics Engineering	30/3/2014	Dr. V. M. Gadre, Professor IIT, Bombay
6	Mr. Nitin Mandavgade	Impact of various factors on Measurement of Uncertainty.	Dept. of Mechanical Engineering	11/2/2015	Dr. R. P. Mohanty, Vice Chancellor, Shiksha 'O' Anusandhan University, Bhubaneswar, Orissa
7	Mrs. Shakti S. Awaghad	Designing Approach for Transcoding Multimedia Over Wireless Channels and It's Applicability for Mobile Devices	Dept. of Electronics Engineering	20/8/2015	Dr. Swagatam Das, Indian Statistical Institute, Kolkata
8	Ms. Rahila Patel	Performance Improvement of Genetic Algorithm Used for Multiobjective Optimization	Dept. of Computer Science & Engineering	31/7/2015	Dr. Swagatam Das, Indian Statistical Institute, Kolkata
9	Mrs. M.V. Palandurkar	Replacement of flywheel of the process m/c with appropriate electric Drives	Dept. of Electrical Engg.	20/8/2015	Dr. Tukaram, IISc, Bangalore
10	Mr.S.F.Lilhare	A study on design of neural controller for paddy dryer system	Dept. of Electrical Engg.	22/4/2016	Dr. B.K.Panigrahi, IIT Delhi
11	Mr.A.K.Mahalle	Optimization of wheel dimensions and speed ratio between crank and wheel for cycle rickshaw	Dept. of Mechanical Engineering	20/8/2015	Dr.Karunakaran,Professor,IIT Bombay
12	Mr.P.S.Kadu	Design and development of hydraulically driven water monitor trailer	Dept. of Mechanical Engineering	28/7/2016	Dr.Karunakaran,Professor,IIT Bombay
13	Ms. S.S.Godbole	Approaches for implementation adaptive noise canceller in digital filter for audio related applications (Submitted)	Dept. of Electronics Engineering	27/9/2016	Dr. R.K.Patney, IIT Delhi
14	Mr.Syed Rizwan Ahmed	Analysis and design of efficient generalized forensics framework for mobile devices	Dept. of Computer Science & Engineering	21/10/2016	Dr. Amit Kumar, CEO,Bio Axis DNA Rasearch Centre(P) Ltd., Hyderabad
15	Mrs.Soni Chaturvedi	Reconfiguration of spiking neural network for optimization with application to image processing	Dept. of Electronics Engineering	7/1/2017	Dr.Prabir Kumr Biswas, IIT Kharagpur
16	Pallavi V. Chavan	An Intelligent system with Secured Authentication using Hierarchical Visual Cryptography	Dept. of Computer Science & Engineering	11/2/2017	Dr. Swagtam Das, ISI, Kolkota
17	Mr.K.G.Bante	Industrial Power Electronics and PLC system solution for enhancing the performance of DC/AC drive for specific application	Dept. of Electrical Engg.	22/3/2017	Dr. Vedula Sastry, Ex-Professor, IIT Chennai
18	Ms. Vijaya Balpande	Development of an efficient parallelization algorithm for multicore architecture	Dept. of Computer Science & Engineering	20/4/2017	Dr. Swagtam Das,ISI,Kolkota
19	Mr.Pankaj Thote	Use of hybrid intelligence for smart protection of transformer ( Submitted )	Dept. of Electrical Engg.	20/4/2017	Dr.Kishore Chaterjee,IIT,Bombay
20	Ms.Megha Chakole	Strategies for performance evaluation of wavelet packet modulation in wireless adhoc networks	Dept. of Electronics Engineering	15/5/2017	Dr.A.B. Karandikar, IIT Bombay
21	Mr. Sayyad Naimuddin	Enhancing the power quality and performance of electrical drives for various industrial applications	Dept. of Electrical Engg.	15/5/2017	Dr.Kishore Chaterjee,IIT,Bombay
22	Mr. Rakesh Shriwastava	Some studies in performance enhancement of permanent magnet synchronous motor drive in automotive application (submitted)	Dept. of Electrical Engg.	15/5/2017	Dr.Kishore Chaterjee,IIT,Bombay
23	Mr.Shailendra Aote	Development of an algorithm to enhance the performance of particle swarm optimization	Dept. of Computer Science & Engineering	15/5/2017	Dr. Swagtam Das, ISI, Kolkota
24	Ms.Geeta Tripathi	Dynamic administrator gateway in MGA for performance improvement in wireless mesh networks	Dept. of Computer Science & Engineering	12/6/2017	Dr. Swagtam Das, ISI, Kolkota

25	Ms.Madhuri Tayal	Development of an approach based on soft computing for text summarization	Dept. of Computer Science & Engineering	12/6/2017	Dr. Swagtam Das, ISI, Kolkata
26	Mr.Prashant Dahiwale	Analysis and design of data mining techniques for digital forensics	Dept. of Computer Science & Engineering	12/6/2017	School of Computer & Information Sciences, University of Hyderabad
27	Ms. Prerana Shrivastav	Various strategies for the design of an energy efficient hybrid sink repositioning technique for data gathering in wireless sensor networks	Dept. of Electronics Engineering	12/6/2017	Dr. R.K.Patney, IIT Delhi
28	Ms.Pallavi Choudhari	Finding the most significant solution from the large result set of multi objective evolutionary algorithms by applying clustering techniques	Dept. of Computer Science & Engineering	10/7/2017	Dr. Swagtam Das,ISI,Calcutta
29	Ms.Swapnili Karmore	Development of AI based approach for testing of various embedded system	Dept. of Computer Science & Engineering	10/7/2017	Dr.Ganapati Panda,IIT ,Bhubneshwar
30	Ms.Pradnya kamble	Exploring smart, efficient and robust routing algorithm for VANET	Dept. of Computer Science & Engineering	10/7/2017	Dr. Swagtam Das,ISI,Kolkata
31	Ms.Smita Nirakhi	Design and development of web crawling algorithm using various computational intelligent techniques: An approach to web mining	Dept. of Computer Science & Engineering	7/9/2017	School of Computer & Information Sciences, University of Hyderabad
32	Sonali Ket	Study and Performance Analysis of Adaptive Filter for Speech	Dept. of Electronics Engineering	13/9/2017	Dr. Shiv Prakash, IISc,Bangalore
33	Mr.Shrikant Sonekar	Development of an intelligent approach for intrusion detection in Adhoc wireless network	Dept. of Computer Science & Engineering	27/9/2017	Dr. Swagtam Das, ISI, Kolkata
34	Mr.Pratik Hazare	Performance optimization of artificial neural networks using swarm intelligence	Dept. of Electronics Engineering	2/11/2017	Dr. Swagtam Das, ISI, Kolkata
35	Mr.Vijay Bhatkar	Design, development and performance evaluation of vapour compression refrigeration system with and without microchannel condenser using	Dept. of Mechanical Engineering	2/11/2017	Dr.M.P.Maiya,Professor,II T Chennai
36	Mr. Rajesh Agraw	Advance techniques for classification of remotely sensed images	Dept. of Electronics Engineering	19/03/2018	Dr Prabir Biswas ,IIT Kharagpur
37	Mr. Shaikh Phiroz Chhaware	Personalized web content mining using soft computing approach	Dept. of Computer Science & Engineering	19/03/2018	Dr. Swagtam Das, ISI, Kolkata
38	Arti Bhaskarrao Waghaye	Development of an Approach for Combined use of Association Rule and Clustering Methods using Domain Driven Mining	Dept. of Computer Science & Engineering	17/4/2018	Dr.Atul Negi,University of Hyderabad
39	Anand N. Khobragade	Contextual Soft Classification Approach Using Multi-sensor Remote Sensing Data for Identification of Specific crop	Dept. of Computer Science & Engineering	29/5/2018	Dr. Swagtam Das, ISI, Kolkata
40	Vilas V. Deotare	Design and Implementation of Modular Architecture for Programmable Digital Systems to Support Hardware and Software Co-Design	Dept. of Electronics Engineering	13/6/2018	Dr.N.C.Shivprakash, IISC,Bangalore
41	Amit Khaparde	Development of algorithm to enhance the performance of differential evolution algorithm to find global optimum	Dept. of Computer Science & Engineering	15/6/2018	Dr. Amit Kumar, CEO,Bio Axis DNA Rasearch Centre(P) Ltd., Hyderabad

42	Jyoti G. Agrawal	Sensorless Permanent Magnet Synchronous Motor Drive: A Comparative Study	Dept. of Electrical Engg.	15/6/2018	Dr. M. Veerachary,IIT Delhi
43	Bhushan Rambhau Vidhale	Design of Low Noise Amplifier for Multiple Bands and Its Simulation Based Performance Analysis	Dept. of Electronics Engineering	15/6/2018	Dr.N.C.Shivprakash, IISC,Banglore
44	Mr.P.K.Katara	Concept development, experimental investigation of conical compressor and performance analysis of vapour compression refrigeration system using	Dept. of Mechanical Engineering	15/6/2018	Dr M Atrey ,IIT Bombay
45	Mr Atul Deshmukh	Design of Routing and Mobility Models for Vehicular Ad-Hoc Network (V A Net.)	Dept. of Electronics Engineering	29/7/2018	Dr.Bhaskaran Raman,IIT Bombay
46	Mr Pranav Charkha	Supply Chain Management Practices in Indian Textile Industry Performance Measurement Perspective	Dept. of Mechanical Engineering	29/7/2018	Dr M Atrey ,IIT Bombay
47	Swati R. Dixit	ategies for VLSI Design of edge based Image Processing Algorithms	Dept. of Electronics Engineering	16/08/2016	Prof.Alok Barua IIT Kharagpur
48	Nilesh Parshuram Awate	Design and Development of a Mobile Crop Residue Disintegrator	Dept. of Mechanical Engineering	12/9/2018	Dr. Anirbha Guha, IIT Bombay
49	Manish M. Goswami	Performance Improvement of Packrat Parsing An Approach to Develop an Efficient Parser Based Upon Parsing Expression Grammar	Dept. of Computer Science & Engineering	12/9/2018	Dr. Swagtam Das,ISI,Kolkata
50	Anant Gunwantrao Thakare	Data Dependent Modelling and Analysis Rejections in Duplex Mould Casting	Dept. of Mechanical Engineering	12/9/2018	Dr.Ashok Pundir,NITIE,Mumbai
51	Laxman P. Thakare	Strategies for Design of Reconfigurable FFT/IFFT Architecture for Wireless Communication System Using Vedic Algorithm	Dept. of Electronics Engineering	12/9/2018	Dr.N.C.Shivprakash, IISC,Banglore
52	Ranjit N. Patil	Feasibility Study of Defluoridation Techniques Using Forest Herbs	Dept. of Civil Engineering	13/11/2018	Dr.B.J/Alappat,IIT Delhi
53	Gouri Dhovavkar	Word sense disambiguation strategies related to machine translation for natural launguages	Dept. of Computer Science & Engineering	13/11/2018	Dr. Amit Kumar, CEO,Bio Axis DNA Rasearch Centre(P) Ltd., Hyderabad
54	Ms. Rashmi Jain	Design and Implementation of Dynamic Leadership Protocol For Smart sensor Network	Dept. of Computer Science & Engineering	13/11/2018	Dr.N.C.Shivprakash, IISC,Banglore
55	Shailesh D. Kamble	Fractal Coding Based Color Video Compression Using Automata Theory And Block Matching Motion Estimation	Dept. of Computer Science & Engineering	13/11/2018	Dr. Supratim Biswas, IIT Bombay
56	Kapil Jajulwar	Design of Autonomous Navigation System Using Slam Techniq	Dept. of Electronics Engineering		Prof.Alok Barua IIT Kharagpur
57	Pankaj Hivraj Rangaree	Design Approach to Enhance the Lifetime of Wireless Sensor Network	Dept. of Electronics Engineering	13/11/2018	Dr.Bhaskaran Raman,IIT Bombay
58	Deepakkumar P. Mishra	A Design Approach to Enhance Performance of Some Applications on Intelligent Transportation System Using Wireless Sensor Network	Dept. of Electronics Engineering	13/11/2018	Dr.Atul Negi,University of Hyderabad
59	Pravin Pundlikrao Ashtankar	Application Based Design Strategies and Simulation of Wireless Adhoc Communacation Network Using Intelligent Transportation System	Dept. of Electronics Engineering	13/11/2018	Dr.N.C.Shivprakash, IISC,Banglore
60	Rashmi Jain	Design of Scalable Multicore Systems Using Different Strategies	Dept. of Electronics Engineering	13/11/2018	Dr.N.C.Shivprakash, IISC,Banglore
61	G.N.Akhade	Model for assessing service Quality using Neural Network.	Dept. of Mechanical Engineering	13/11/2018	Dr.Prakash Awate,IIT Bombay
62	Mrs. Sonalee Dhurvey - Ashtankar	Performance Improvement in Power System by using Interline Power flow Controller (IPFC)	Dept. of Electrical Engg.	13/11/2018	Dr.D.Thukaram,IISC, Banglore
63	Shri. Kantilal D. Joshi	“Exploring Voltage Source Converter Based Flexible A.C. Transmission System (Facts) Devices With Energy Storage Capability For Improving	Dept. of Electrical Engg.	13/11/2018	Dr.D.Thukaram,IISC, Banglore
64	Vaishali Ashok Tehre	A System Design and Intergration of Smartcell Architecture for Computationally Intensive Application	Dept. of Electronics Engineering	17/12/2018	Dr.N.C.Shivprakash, IISC,Banglore
65	Prabhakar Domaji Dorge	Design of Vanet for Improvement of Qos with Different Mobility Patterns	Dept. of Electronics Engineering	2/1/2019	Dr.Atul Negi,University of Hyderabad
66	Bharati Bhaurao Sayankar	Design and Implementation of an Efficient Network on Chip Architecture	Dept. of Electronics Engineering	2/1/2019	Dr.N.C.Shivprakash, IISC,Banglore