

**Ph.D Awarded**

Sr. No	Name of Candidate	Name of Supervisor/Co Supervisor	Title of Research	Department at ARC	Registration No. & Date	No. of Publications		Date of Award	Expert
						IJ	IC		
1	Mr. D. V. Padole	Dr. P.R. Bajaj & Dr. S.S. Limaye	Optimum Prototype Design of Embedded Controller for Some Applications in Intelligent Transportation Systems (Awarded)	Dept. of Electronics Engineering	PhD(Cell)Research/E&T/995/B/225 Dated:- 29/01/2007	1	4	6/7/2011	
2	Mr. M.M. Khanapurkar	Dr. P.R. Bajaj & Dr.S.S. Limaye	Vehicular Communication: A Design for Some Intra-vehicular Communication applications with VLSI Tools (Awarded)	Dept. of Electronics Engineering	PhD(Cell)Research/E&T/1000/B/230 Dated :- 29/01/2007	1	5	6/7/2011	
3	Mr. Manoj B. Chandak	Dr. R. V. Dharaskar	Machine Translation Strategies and Speech Synthesis Initiatives for Indian Language (Awarded)	Dept. of Computer Science & Engineering	PhD(Cell)Research/E&T/257/B/1204 Dated:- 24/07/2009	5	3	13/03/2013	Dr. M. Sasikumar, Director (R&D), CDAC
4	Mr. Prashant Sharma	Dr. P. R. Bajaj	A Design Approach to Hybrid Intelligent System with Type 2 Fuzzy Logic for Some Applications of Intelligent Transportation System. (Awarded)	Dept. of Electronics Engineering	PhD(Cell)Research/E&T/232/B/1178 Dated:- 23/07/2009	3	3	13/09/2013	Dr. Shiv Prakash, IISc, Bangalore
5	Ms. Shubhangi.D Giripunjje	Dr. P. R. Bajaj	A Design and Implementation of Simulation Facial Action Tracking and Emotion Recognition Based on Non Intrusive Parameters (Awarded)	Dept. of Electronics Engineering	PhD(Cell)Research/E&T/1128/B/1527 Dated:- 05/09/2009	4	4	30/03/2014	Dr. V. M. Gadre, Professor IIT, Bombay
6	Mr. Nitin Mandavgade	Dr. S. B. Jaju, Dr. R.R. Lakhe	Impact of various factors on Measurement of Uncertainty. (Awarded)	Dept. of Mechanical Engineering	PhD(Cell)RRC/252 Dated:- 13/07/2010	7	1	11/2/2015	Dr. R. P. Mohanty, Vice Chancellor, Shiksha 'O' Anusandhan University, Bhubaneswar, Orissa
7	Mrs. Shakti S. Awaghad	Dr. S.B. Pokle	Designing Approach for Transcoding Multimedia Over Wireless Channels and It's Applicability for Mobile Devices (Awarded)	Dept. of Electronics Engineering	PhD(Cell)RRC/460/B/4079 Dated:- 04/10/2010	4	4	20/08/2015	Dr. Swagatam Das, Indian Statistical Institute, Kolkata
8	Ms. Rahila Patel	Dr. M. M. Raghuwanshi	Performance Improvement of Genetic Algorithm Used for Multiobjective Optimization (Awarded)	Dept. of Computer Science & Engineering	PhD(Cell)RRC/Com.Sci & Tech/978/B/1693 Dated:- 18/11/2010	4	4	31/07/2015	Dr. Swagatam Das, Indian Statistical Institute, Kolkata
9	Mrs. M.V. Palandurkar	Dr. J.P. Modak Dr. S.G.Tarnekar	Replacement of flywheel of the process m/c with appropriate electric Drives (Awarded)	Dept. of Electrical Engg.	PhD(Cell)research/E&DT/322/B/1277 Dated:- 27/07/2009	4	4	20/08/2015	Dr. Tukaram, IISc, Bangalore
10	Mr.S.F.Lilhare	Dr.N.G.Bawne	A study on design of neural controller for paddy dryer system (Submitted)	Dept. of Electrical Engg.	Ph.D.(Cell)/Research/E&T/448 Dated: 15/7/2009	3	1	22/04/2016	Dr. B.K.Panigrahi, IIT Delhi
11	Mr.A.K.Mahalle	Dr.G.K.Awari	Optimization of wheel dimensions and speed ratio between crank and wheel for cycle rickshaw (Awarded)	Dept. of Mechanical Engineering	PhD(Cell)RRC/204B/232 Dated: 9/12/2010	4	-	20/08/2015	Dr.Karunakaran, Professor,IIT Bombay

12	Mr.P.S.Kadu	Dr.G.K.Awari	Design and development of hydraulically driven water monitor trailer (Thesis submitted )	Dept. of Mechanical Engineering	Ph.D. (Cell)/RRC/6133 dated 30/06/2010	3	1	28/7/2016	Dr.Karunakaran, Professor,IIT Bombay
13	Ms. S.S.Godbole	Dr. S.B.Pokle	Approaches for implementation adaptive noise canceller in digital filter for audio related applications (Submitted)	Dept. of Electronics Engineering	Ph.D. (Cell)/RRC/1261 dated 07/12/2012	3	1	27/09/2016	Dr. R.K.Patney, IIT Delhi
14	Mr.Syed Rizwan Ahmed	Dr.R.V.Dharaskar	Analysis and design of efficient generalized forensics framework for mobile devices (Submitted)	Dept. of Computer Science & Engineering	Ph.D. (Cell)/RRC/Com. Sci & Tech./977B/1692 dated 18/10/2010	4	-	21/10/2016	Dr. Amit Kumar, CEO,Bio Axis DNA Research Centre(P) Ltd., Hyderabad
15	Mrs.Soni Chaturvedi	Dr.S.S.Khurshid	Reconfiguration of spiking neural network for optimization with application to image processing (Thesis submitted )	Dept. of Electronics Engineering	Ph.D. (Cell)/RRC/Electronics Engg/1039B/1750 dated 20/11/2010	3	1	7/1/2017	Dr.Prabir Kumor Biswas, IIT Kharagpur
16	Pallavi V. Chavan	Dr. Mohd. Aatique Ph.D.(Cell)/RRC/Guide/1262/B/1987 Nagpur, dated 29/11/2010	Dr. A.R. Mahajan No. Ph.D. Cell/RRC/Guide/21/B/64 Nagpur, Dated, 01/12/2010	Dept. of Computer Science & Engineering	An Intelligent system with Secured Authentication using Hierarchical Visual Cryptography	3	1	11/2/2017	Dr. Swagtam Das, ISI, Kolkata
17	Mr.K.G.Bante	Dr.S.G.Tarnekar,Dr.Tutkane	Industrial Power Electronics and PLC system solution for enhancing the performance of DC/AC drive for specific application (Submitted)	Dept. of Electrical Engg.	PhD(Cell)/RRC/274 Dated: 10/1/2011	3	1	30/3/2017	Dr. Vedula Sastry, Ex-Professor, IIT Chennai
18	Ms. Vijaya Balpande	Dr.A.R.Mahajan	Development of an efficient parallelization algorithm for multicore architecture ( Submitted )	Dept. of Comp. Sci. & Engineering	Ph.D. (Cell)/RRC/1226 dated 22/05/2012	3	1	20/04/2017	Dr. Swagtam Das,ISI,Kolkata
19	Mr.Pankaj Thote	Dr.Manoj Daigvane	Use of hybrid intelligence for smart protection of transformer ( Submitted )	Electrical Engineering	Ph.D.(Cell)/RRC/1643 dated 10/01/2011	3	1	20/04/2017	Dr.Kishore Chaterjee,IIT,Bombay
20	Ms.Megha Chakole	Dr.S.B.Pokle	Strategies for performance evaluation of wavelet packet modulation in wireless adhoc networks (Thesis submitted )	Dept. of Electronics Engineering	Ph.D. (Cell)/RRC/1250 dated 7/12/2012	3	1	15/05/2017	Dr.A.B. Karandikar, IIT Bombay
21	Mr. Sayyad Naimuddin	Dr.Tutakane	Enhancing the power quality and performance of electrical drives for various industrial applications (Submitted )	Electrical Engineering	No. Ph.D. (Cell)/RRC/ 287 Dated 11/01/2011	3	1	15/05/2017	Dr.Kishore Chaterjee,IIT,Bombay
22	Mr. Rakesh Shriwastava	Dr.Manoj Daigvane	Some studies in performance enhancement of permanent magnet synchronous motor drive in automotive application (submitted)	Electrical Engineering	Ph.D.(Cell)/Research/E&T/307 B /645 dated 3/3/2011	3	1	15/05/2017	Dr.Kishore Chaterjee,IIT,Bombay
23	Mr.Shailendra Aote	Dr.M.V. Raghuwanshi	Development of an algorithm to enhance the performance of particle swarm optimization ( Submitted )	Dept. of Comp. Sci. & Engineering	Ph.D. (Cell)/RRC/890 Dated 15/01/2011	3	2	15/05/2017	Dr. Swagtam Das,ISI,Kolkata

24	Ms.Geeta Tripathi	Dr.A.R.Mahajan	Dynamic administrator gateway in MGA for performance improvement in wireless mesh networks ( Submitted )	Dept. of Comp. Sci. & Engineering	Ph.D. (Cell)/RRC/173,dated 22/05/2012	3	1	12/6/2017	Dr. Swagtam Das,ISI,Kolkata
25	Ms.Madhuri Tayal	Dr.M.V. Raghuvanshi	Development of an approach based on soft computing for text summarization ( Submitted )	Dept. of Comp. Sci. & Engineering	Ph.D. (Cell)/RRC/180 dated 22/05/2012	3	1	12/6/2017	Dr. Swagtam Das,ISI,,Kolkata
26	Mr.Prashant Dahiwale	Dr.M.V.Raghuvanshi	Analysis and design of data mining techniques for digital forensics ( Submitted )	Dept. of Comp. Sci. & Engineering	Ph.D. (Cell)/RRC/1250 dated 7/12/2012	3	1	12/6/2017	Dr. Arun Pujari, Dean, School of Computer & Information Sciences, Univer sity of Hyderabad
27	Ms. Prerana Shrivastav	Dr.S.B.Pokle	Various strategies for the design of an energy efficient hybrid sink repositioning technique for data gathering in wireless sensor networks (Submitted)	Dept. of Electronics Engineering	Ph.D. (Cell)/RRC/338 dated 24/05/2012	3	1	12/6/2017	Dr. R.K.Patney, IIT Delhi
28	Ms.Pallavi Choudhari	Dr.R.V.Dharaskar	Finding the most significant solution from the large result set of multi objective evolutionary algorithms by applying clustering techniques (Submitted)	Dept. of Comp. Sci. & Engineering	Ph.D. (Cell)/RRC/Com. Sci & Tech./979B/1694 dated 18/10/2010	4	-	10/7/2017	Dr. Swagtam Das,ISI,Calcutta
29	Ms.Swapnili Karmore	Dr.A. R. Mahajan	Development of AI based approach for testing of various embedded system (Submitted )	Dept. of Comp. Sci. & Engineering	Ph.D. (Cell)/RRC/402dated 03/11/2012	3	1	10/7/2017	Dr.Ganapati Panda,IIT ,Bhubneshwar
30	Ms.Pradnya kamble	Dr.M.M.Kshirsagar	Exploring smart, efficient and robust routing algorithm for VANET ( Submitted )	Dept. of Comp. Sci. & Engineering	Ph.D. (Cell)/RRC/1360, dated 07/06/2012	3	1	10/7/2017	Dr. Swagtam Das,ISI,Kolkata
31	Ms.Smita Nirkhi	Dr.R.V.Dharaskar	Design and development of web crawling algorithm using various computational intelligent techniques: An approach to web mining (Submitted )	Dept. of Comp. Sci. & Engineering	Ph.D. (Cell)/RRC/170 dated 22/5/2012	3	1	7/9/2017	Dr. Arun Pujari, Dean, School of Computer & Information Sciences, Univer sity of Hyderabad
32	Sonali Ket	Dr. R. D. Kharadkar	Study and Performance Analysis of Adaptive Filter for Speech	Dept. of Electronics Engineering	Ph.D.(Cell)/Resea rch/E & T/291 dated 30/04/2010	3	1	13/09/2017	Dr.N.C.Shivprak ash, IISC,Banglore
33	Mr.Shrikant Sonekar	Dr.M.M.Kshirsagar	Development of an intelligent approach for intrusion detection in Adhoc wireless network ( Submitted )	Dept. of Comp. Sci. & Engineering	Ph.D. (Cell)/RRC/178 dated 22/05/2012	3	1	27/09/2017	Dr. Swagtam Das,ISI,Kolkata
34	Mr.Pratik Hazare	Dr.N.G.Bawane	Performance optimization of artificial neural networks using swarm intelligence (Submitted )	Dept. of Electronics Engineering	Ph.D. (Cell)/RRC/E&T/287/B/306 dated 20/12/2010	3	1	2/11/2017	Dr. Swagtam Das,ISI,Kolkata
35	Mr.Vijay Bhatkar	Dr.V.M.Kriplani	Design, development and performance evaluation of vapour compression refrigeration system with and without microchannel condenser using alternative refrigerants (Thesis submitted )	Dept. of Mechanical Engineering	Ph.D. (Cell)/RRC/188 Nagpur, dated , 23.05.2012	4	1	2/11/2017	Dr. M.P.Maiya, Professor, IIT Chennai