

Ph.D Submitted / Pre-submission

Sr. No	Name of Candidate	Name of Supervisor/Co	Title of Research	Department at ARC	Submitted Date
1	Ms.Dipti Ajmire	Dr.Mohd. Atique	Dynamic load balancing on small and medium sized enterprise cloud	Dept. of Comp. Sci. & Engineering	29/6/2016
2	Mr. Devendra Holey	Dr. V. K. Chandrakar	Power quality enhancement using VSC-based FACTS devices of the power system.	Electrical Engineering	8/7/2016
3	Ms.Shilpa Shrawane	Dr.Manoj Daigvane	Hybrid intelligence approach for optimal reactive power dispatch	Electrical Engineering	16/09/2016
4	Aruna D. Tete	Dr. A.Y. Deshmukh	Design of Electronic Measurement system for velocity of Detonation of bulk Explosives	Dept. of Electronics Engineering	28/11/2016
5	Sanjay Gulabchand Mantri	Dr. S. B. Jaju Ph.D.(Cell)/RRC/Guide/205 B/169 Nagpur Dated 26/10/2009	Modelling Quality Cost Management System in Advanced Manufacturing Environment	Dept. of Mechanical Engineering	6/1/2017
6	Sonali U. Nimbhorkar	Dr. L. G. Malik	Efficient Impementaion of Key Agreement Protocol Based on Elliptic Curve Cryptosystem	Dept. of Comp. Sci. & Engineering	31/12/2016
7	R.W.Jasutkar	Dr.P.R.Bajaj	Design and Development of Sigma Delta Modulus with power optimization for Biomedical Applications	Dept. of Electronics Engineering	12/1/2017
8	Dharmendra Yadav	Dr. A. R. Mahajan	Design and Implementation of Nobel Approach for Information Security Risk Analysis in Smart Power Grid System	Dept. of Comp. Sci. & Engineering	12/1/2017
9	Buddharatna J. Godbole	Dr. P. B. Nagarnaik	Feasibility Study of Removal of Fluoride from Ground Water by Various Solid Waste Adsorbent	Civil Engg.	12/1/2017
10	Mrs. Veena S. Gulhane	Dr. L. G. Malik	Exploring Efficient Adaptive Reprogramming by Optimized multihop Code Generation in Ad HOC Wireless Network	Dept. of Comp. Sci. & Engineering	10/2/2017
11	Neeta Nathani	Dr. G.C. Manna Ph.D.	Performance Analysis for Quality of Service (QOS) of Cognitive Radio Systems	Dept. of Electronics Engineering	28/2/17
12	Prashant N. Borkar	Dr. Milind V. Sarode	Design and Development of a System for Traffic Density State Estimation Using Acoustic Signal and its Applications in Intelligent Transport System	Dept. of Comp. Sci. & Engineering	25/1/2017
13	Mrs. Shamlia T. Mantri	Dr. Pankaj Agrawal	Real Time Depression Analysis Using Signal Processing Techniques	Dept. of Electronics Engineering	1/3/2017
14	Komal Mehta	Dr. P. R. Bajaj	Performance Improvement of Vehicular Ad-HOC Network (Vanet) with Nature Inspired Biological Computing Algorithms	Dept. of Electronics Engineering	4/3/2017
15	Nagnath Bhagwat Hulle	Dr. R. D. Kharadkar	Study, Analysis and Refinement of Stream Ciphers	Dept. of Electronics Engineering	16/8/2017
16	Pankaj Haribhau Chandankhede	Dr. M.M. Khanapurkar Ph.D.(Cell)/RRC/Guide/2257, Nagpur, Dated 18/04/2012	Designing of Controller Area Network Based Event Data Recorder & Data Analysis for Evidence Collecting System	Dept. of Electronics Engineering	10/4/2017
17	Pradnya P. Zode	Dr. A.Y. Deshmukh Ph.D(Cell)/RRC/Guide/2241/B/981, Nagpur, Dated 18/04/2012	Design of Low Power High Speed VLSI Digital Signal Processing Systems	Dept. of Electronics Engineering	11/7/2016

18	Abhay Haribhau Kshirsagar	Dr. A. Y. Deshmukh Ph.D.(Cell)/RRC/Guide/2241/B/981, Nagpur, Dated 18/04/2012	Design of Reconfigurable and Scalable wireless Body Area Network (BAN) For Secured Communication	Dept. of Electronics Engineering	10/4/2017
19	Vishnu Annarao Suryawanshi	Dr. R. D. Kharadkar Ph.D.(Cell)/RRC/Guide/E&T/3457/B/533, Nagpur Dated 01/08/2008	Implementation of Block Cipher Techniques to Enhance the Performance of Mobile Communication Network	Dept. of Electronics Engineering	14/06/2017
20	Shrishali Basawant Mule	Dr. G.C. Manna Ph.D. (Cell)/RRC/Guide/2276, Nagpur, Dated 18/04/2012	Data Rate Enhancement of GSM Network using Cognitive Radio OFDM Technology	Dept. of Electronics Engineering	18/05/2017
21	Neeta Pravin Maitre	Dr. M.M. Kshirsagar Ph.D.(Cell)/RRC/Guide/23/B/66 Nagpur, Dated 01/12/2010	Use of ESTs in Gene prediction for Cotton genome (A Clustering perspective)	Dept. of Comp. Sci. & Engineering	20/4/2017
22	Shri. Harshit S. Dalvi	Dr. V. K. Chandrakar Ph.D Cell/RRC/ Guide/E&T/117/B/48 1 Nagpur, dated	“Stabilization of Grid connected Wind Generator By Shunt FACTS Devices”	Electrical Engineering	29/7/2017
23	Dhiraj N. Katole	Dr. M. B. Daigavane Ph.D (Cell)/RRC/Guide/1255B/1980 Nagpur, dates-29/11/2010	Some Studies for Power Quality Improvement in Distributed System Using Dynamic Voltage Restorer	Electrical Engineering	6/7/2017
24	Jyoti B. Fulzele	Dr. M. B. Daigavane	Design and Optimization Strategy for Hybrid Renewable Energy System	Electrical Engineering	6/7/2017
25	Saket R. Yeolekar	Dr. J.B. Helonde Acad/Recog/Guide/E &TC/1990B/643 Dated 15/01/2004	Induction Motor Fault Diagnosis by Transient Current Analysis Using Advanced Digital Signal Processing Techniques	Electrical Engineering	6/7/2017
26	Vijayshri Mahobiya	Dr. S. B. Jaju Ph.D.(Cell)/RRC/Guide/205 B/169 Nagpur Dated	Development of Lean Manufacturing Model for Performance Improvement of Testing Laboratories	Dept. of Mechanical Engineering	6/7/2017
27	Sambhaji Sopan Sarode	Dr. J.W. Bakal Ph.D(Cell)/RRC/Guide/615 Nagpur, dated 24/05/2013	Design & Implementation of Prioritized Transport Layer Protocol for Reliable Data Transmission in Multi - Event Wireless Sensor Network	Dept. of Comp. Sci. & Engineering	13/07/2017
28	Balaso Nivrutti Jagdale	Dr. J.W. Bakal Ph.D(Cell)/RRC/Guide/615 Nagpur, dated 24/05/2013	Advanced Anonymization Techniques to Protect Spatial and Temporal Location Privacy	Dept. of Comp. Sci. & Engineering	1/8/2017
29	Bhavana S. Tiple	Dr. M.S. Patwardhan No. Ph.D. Cell/RRC/Guide/229 2/B/1048 Nagpur, Dated the 08/04/2012	Development & Designing of a Mathematical Mood Model for Classification of Music Data Using Foundation of Hindustani Classical Raga.	Dept. of Comp. Sci. & Engineering	7/7/2017
30	Vipul D. Dalal	Dr. L. G. Malik Ph.D.(Cell)/RRC/Guide/1476 Nagpur, Dated 16/01/2013	Design of Automatic Text Summarizer for Hindi Text Document Using Bio-Inspired Algorithms	Dept. of Comp. Sci. & Engineering	7/7/2017
31	Bhushan N. Mahajan	Dr. A. R. Mahajan No. Ph.D. Cell/RRC/Guide/21/ B/64 Nagpur, Dated, 01/12/2010	Implementation of Synchronous Time Dissemination Voice & Video Relay Protocol in Wireless Sensor Network	Dept. of Comp. Sci. & Engineering	12/7/2017
32	Jagruti jai Shah	Dr. L. G. Malik Ph.D.(Cell)/RRC/Guide/1476 Nagpur, Dated 16/01/2013	Development of a Design Approach for Data Extraction Analysis and Methods for Cloud Forensics	Dept. of Comp. Sci. & Engineering	13/07/2017

33	Sanjay S. Chopade	Dr. D. V. Padole Ph.D.(Cell)/RRC/Guide/2250, Nagpur, Dated 18/04/2012	Design of Variability Aware Low Power Circuits for Portable Applications	Dept. of Electronics Engineering	3/7/2017
34	Kuldeep R Dhabekar	Dr. P. B. Nagarnaik Ph.D.(Cell)/RRC/Guide/E&T/113/B/476 Nagpur, Dated 10/01/2008	Feasibility study of influence of ground granulated blast furnace slag and steel fibers in enhancing properties of concrete	Civil Engg.	13/07/2017
35	Minal Arun Deshpande	Dr. P. R. Bajaj Ph.D.(Cell)/RRC/Guide/E&T/4242/O/332, Nagpur, Dated 04/12/2006	Development of Some Strategies for Traffic Flow Prediction Using Rough Set and Soft Computing Tools	Dept. of Electronics Engineering	23/9/2017
36	Chandrashekhar A. Akhadkar	Dr. A. B. Deoghare Ph.D. (Cell)/RRC/Guide/15 11, Nagpur, Dated 17/01/2013	Influence of Tolerance Stack-up on Dynamics of Mechanism	Dept. of Mechanical Engineering	28/11/2017
37	Sharda A. Chhabria	Dr. Rajiv V. Dharaskar (Ph. D. Cell /E&T/3465/ B/542)	“Intelligent Gesture Recognition To Design More Efficient & Intelligent Multimodal System”	Dept. of Comp. Sci. & Engineering	21/02/2018
38	Ghanshyam Rameshchandra Boob	Dr. A. B. Deoghare Ph.D. (Cell)/RRC/Guide/15 11, Nagpur, Dated 17/01/2013	Prediction of Mechanical Behaviour of Material Subjected to Fatigue	Dept. of Mechanical Engineering	5/1/2018
39	Pravin P. Wararkar	Dr. S.S. Dorle Ph.D.(Cell)/RRC/Guide/2242/B/980, Nagpur, Dated 18/04/2012	Performance Analysis of Vehicular Adhoc Networks Handovers with Metaheuristic Algorithms	Dept. of Electronics Engineering	11/1/2018
40	Jyoti Jagdish Malhotra	Dr. J.W. Bakal Ph.D(Cell)/RRC/Guide/615 Nagpur, dated 24/05/2013	Design and Implement an Efficient Algorithm to Improve the Data De-Duplication Efficiency in Distributed Systems	Dept. of Comp. Sci. & Engineering	30/12/2017
41	Surekha K. Tadse	Dr. S.L. Haridas Ph.D(Cell)/RRC/Guide/1492, Nagpur, Dated 17/01/2012	Design of Asynchronous Viterbi Decoder Using Minimum Transition Hybrid Register Exchange Method for Low Power Applications	Dept. of Electronics Engineering	11/1/2018
42	Jagdish G. Chaudhari	Dr. S.B. Bodkhe Ph.D(Cell)/RRC/Guide/1449 Nagpur, dated-16/01/2013	Improved Direct Torque Control of AC Motor Drive	Electrical Engineering	9/5/2018
43	Aparna R. Prayag	Dr. S.B. Bodkhe Ph.D(Cell)/RRC/Guide/1449 Nagpur, dated-16/01/2013	Development of a Novel Multilevel Inverter Topology for Permanent Magnet Synchronous Motor Drive	Electrical Engineering	6/4/2018
44	Vaishnavi Pralhad Deshpande	Dr. S.B. Bodkhe Ph.D(Cell)/RRC/Guide/1449 Nagpur, dated-16/01/2013	Performance Enhancement of Photovoltaic Array by Maximum Power Poin Tracking (MPPT) Using Array Reconfiguration and A1 Based Methods	Electrical Engineering	
45	Snehlata S. Dongre	Dr. L. G. Malik Ph.D.(Cell)/RRC/Guide/1476 Nagpur, Dated 16/01/2013	Analysis and Designing of Classification Methods for Data Stream Mining	Dept. of Comp. Sci. & Engineering	13/1/2018
46	Snehal Sanjay Golait	Dr. L. G. Malik Ph.D.(Cell)/RRC/Guide/1476 Nagpur, Dated 16/01/2013	Handwritten Marathi Compound Character Recognition using Combined Statistical and Syntactical Methods	Dept. of Comp. Sci. & Engineering	13/1/2018

47	Amit Thakare	Dr. L. G. Malik Ph.D.(Cell)/RRC/Guide/1476 Nagpur, Dated 16/01/2013	Design & Performance Analysis of Robust Scalable and Adaptive Routing Protocols for Wireless Sensor Networks Using Biologically Inspired Methods	Dept. of Comp. Sci. & Engineering	13/1/2018
48	Dr. Vivek R. Bhore	Dr. S.B. Thombre	Some Studies Related to Improvement in Solar Photovoltaic Module Output - Experimental Approach	Dept. of Mechanical Engineering	8/1/2018
49	Ashish S. Raut	Dr. U.S. Wankhede Ph.D. (Cell)/RRC/Guide/1512, Nagpur, Dated 17/01/2013	Investigation in Performance of Thermoacoustic Refrigeration System	Dept. of Mechanical Engineering	8/1/2018
50	Kishor S. Rambhad	Dr. P. V. Walke Ph.D. (Cell)/RRC/Guide/1513, Nagpur, Dated 17/01/2013	An Experimental Investigation in Application of Concentric Solar Collector in Solid Desiccant Dehumidification	Dept. of Mechanical Engineering	8/1/2018
51	Vivek W. Khond	Dr. V. M. Kriplani Ph.D. (Cell)/RRC/Guide/Acad/Recg/Guide/K/318 Nagpur (21/04/1999)	Experimental Investigation of Nonfluid Additives on Performance and Emission Characteristics of Water Emulsified Biodiesel Fuelled Stationary CI Engine	Dept. of Mechanical Engineering	16/1/2018
52	Prarthana Anand Deshkar	Dr Parag Deshpande Ph.D.(Cell)/RRC/Guide/395/ Nagpur, (09/05/2013)	Design and Implementation of online Multidimensional Analysis and Mining Model for Spacio-Temporal streaming data based on hybrid cube & data summaries	Dept. of Comp. Sci. & Engineering	22/5/2018
53	Mrs. Neeta N. Thune	Dr. S.L. Haridas Ph.D(Cell)/RRC/Guide/1492, Nagpur, Dated 17/01/2012	Design of Low Power Trellis Coded Modulation (TCM) Decoder for Wireless Applications	Dept. of Electronics Engineering	22/6/2018
54	Ms. Jaya R. Suryawanshi	Dr. D. V. Padole Ph.D.(Cell)/RRC/Guide/2250, Nagpur, Dated 18/04/2012	Modeling of Network-on-chip for Improving Quality of Service	Dept. of Electronics Engineering	25/6/2018
55	Mr. Mohd. Sherfuddin Khan	Dr V H Mankar Ph.D(Cell)/RRC/Guide/31B/74, Nagpur, 01/12/2010	Analyzation and Implementation of Robust Techniques to Extract Superficial and Volumetric Features 3D Images	Dept. of Electronics Engineering	11/9/2018
56	Pragati Trimbak Kene	Dr. S.L. Haridas	Cloud Computing Based Handoff for Heterogenous Wireless Network	Dept. of Electronics Engineering	8/1/2014
57	Nikhil P. Wyawahar	Dr. S.L. Haridas	Design & Implementation of Configurable Femtocell Using White-Space	Dept. of Electronics Engineering	8/1/2014
58	Vipin Bondre	Dr. S.S. Dorle	Design of Multipath Routing Protocol for Emergency Services in VANET	Dept. of Electronics Engineering	8/1/2014
59	Ms. Megha D. Chaple	Dr. S.B. Bodkhe	Development of a New Technique for Performance Enhancement of Switched Reluctance Motor Drive by Torque Control	Electrical Engineering	15/1/2013