संगणक विज्ञान एवं अभियांत्रिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज – 211004 , भारत
Department of Computer Science & Engineering
Motilal Nehru National Institute of Technology Allahabad
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LIST OF PH.D AWARDED

S. No.	Name of Ph.D. Student	Title of Thesis	Name of Supervisor	Year of Submission
1	Suman Purwar	Testing for detection in Digital Circuits	Prof. M.R. Mukherjee	1990
2	Arun Kumar Misra	Development & Analysis of Structured Decision Tables	Prof. B.D. Chaudhary	1990
3	Dhruv Kumar Misra	Design and development of Knowledge based systems for process design systems	Dr. A. K. Mishra	2001
4	Sanjay Kumar Jain	Entity relationship schemes compression and semantic modeling of databases utilizing structural strength of tables	Prof. Gulab Singh and Prof. M.M. Gore	2006
5	M. Devi Prasad	A Type System, semantics and model of aspects for a statically typed aspect oriented language	Prof. B.D. Chaudhary	2006
6	Hadi K. Mohammed	Rformance Analysis and design of Reconfigurable Rake Receiver for Adaptive Modulation	Prof. Krishna Kant & Prof. Rajeev Tripathi	2007
7	Pankaj Bhatt	Development of Influence models for effort estimation in outsource software maintenance	Prof. A.K. Mishra	2007
8	Dharmendra Singh Kushwaha	Cognitive complexity metrics: A new approach based on Software	Prof. A.K. Mishra	2007

		cognition		
9	Maheshwari Prasad Singh	A secure, energy efficient, cluster based sensor network data routing protocol	Prof. M.M. Gore	2008
10	Neeraj Tyagi	Hybrid Model with modified MANET and MIP Routing for internet access	Prof. A.K. Mishra and Prof. Rajeev Tripathi	2008
11	Neelendra Badal	A Novel Approach for parallelization and distribution of spatial data	Prof. Krishna Kant	2009
12	Nikam Shanker Bhausaheb	Texture based Liveness detection embedded fingerprint Biometric System using Curvelets	Prof. Suneeta Agrawal	2009
13	Smriti Agrawal	An efficient scheduling algorithm for reliable energy aware real time system with arbitrary deadline	Prof. R.S. Yadav	2009
14	Prabhat Ranjan	Domain specific requirements gathering pre-system analysis and role-grouping strategy for agent based system development	Prof. A.K. Mishra	2010
15	Ashutosh Gupta	Text compression schemes for various state of affairs allowing partial decompression and other operations	Prof. Suneeta Agrawal	2010
16	Karan Singh	Load Management using efficient secure mechanism in multicast	Prof. R.S. Yadav	2010
17	Reena Srivastava	An efficient and scalable classification method for multi-relational databases	Prof.M.M. Gore	2010
18	Ruchi Shukla	Static and dynamic software maintenance effort estimation: An artificial intelligence and empirical approach	Prof.A.K. Mishra	2011

19	Rajesh Prasad	Improved algorithms for various string matching problems through bit parallelism and other techniques	Prof. Suneeta Agrawal	2012
20	Shakti Mishra	Hybrid load balancing and self-organizing trusted clusters	Dr. D.S. Kushwaha and Prof. A.K. Mishra	2012
21	Mayank Pandey	A formal model, simulation and implementation of publish/subscribe services over multi-tiered structural p2p overlay for interest based community evolution and sharing of latent knowledge	Prof. B.D. Chaudhary	2012
22	Girish Kumar Patnaik	Trustworthy MANET for secure communication	Prof.M.M. Gore	2012
23	Raghav Yadav	P-cycle based efficient spam protection approaches for survive ability of WDM networks	Prof. R.S. Yadav	2012
24	Manas Kumar Mishra	Self-localization, full-covered, m-connected 3-D wireless sensor network with energy aware routing with CD	Prof.M.M. Gore	2012
25	Rozita Jamili Oskouei	Web signatures and differential relationships with outliers from gender groups of students community based on academic performance and other behavioral dimensions	Prof. B.D. Chaudhary	2012
26	Arun Mishra	Dynamic Adaptability : Assessment Analysis and Validation	Prof.A.K. Mishra	2012
27	Shefalika Ghosh Samaddar	Circumstantial Robustness in Information Security	Prof.A.K. Mishra	2012
28	Ranvijay	Improved energy aware scheduling for time-critical applications and energy harvesting constraints	Prof.R.S. Yadav	2013

29	Ravi Shanker Pandey	Identification Estimation and visualization of Meta-Model Based QOS Attributes of Web Service Choreography	Prof.R.S. Yadav	2013
30	Ashish Sharma	Early estimation of software complexity, development and testing effort from IEEE SRS Documents	Dr.D.S. Kushwaha	2013
31	Sarsij Tripathi	Effective scheduling of security constrained time-critical application on cluster	Prof. R.S. Yadav	2013
32	Krishn Kumar Mishra	New Bio Inspired Optimization Algorithms	Prof. A.K. Mishra	2013
33	Sushila Kamble	Imperceptibility and Robustness Improvement in Digital Image Watermarking .	Prof. Suneeta Agarawal & Prof. V.K. Srivastava	2013
34	Sandeep Kumar Harit	Proposals for certificate revocation and dissemination of revocation information in VANET	Prof. Neeraj Tyagi	2013
35	Shailesh Tiwari	Regression Testing : A New approach Test Suits Generation, Minimization and Prioritization	Prof. A.K. Mishra	2013
36	Chintan Kumar Mandal	Applications of Delaunay Triangulation for Some 2D-Euclidean Geometric Graph Problems in the Online Kinetic Environment	Prof. Suneeta Agarwal	2013
37	Mohamed Meftah Alrayes	Performance Enhancement of MANET Routing Protocol over Hybrid Wireless Mesh Network	Prof. A.K. Mishra & Prof. Neeraj Tyagi	2013
38	Manu Vardhan	A Dynamic Consistency Aware Secure File Replication Mechanism	Dr. D. S. Kushwaha	2014

39	Chintan Kumar Mandal	Applications of Delaunay Triangulation for some 2 D – Euclidean Geometric Graph Problems in the Online and Kinetic Environment	Prof. Suneeta Agarwal	2014
40	Mohamed Meftah Alrayes	Performance Enhancement MANET Routing Protocol Over Hybrid Wireless Mesh Network	Prof.. A. K. Mishra & Prof. Neeraj Tyagi	2014
41	Vikas Maheshkar	Face Recognition using Holistic and Feature Based Approaches	Prof. Suneeta Agarwal & Prof. V. K. Srivastava	2014
42	Archana Shukla	A Study of the Relationship between Symbols and Sentiments for Management of Annotated Academic Resources	Prof. B. D. Chaudhary	2014
43	Anoj Kumar	Efficient Test Case Generation: An Approach using Elitist Genetic Algorithm	Prof. A. K. Mishra	2014
44	Shrabani Mallick	A Hybrid Framework for Efficient Web Service Discovery and Composition	Dr. D. S. Kushwaha	2014
45	Deepak Kr. Singh	Variants of PSO and its Application in Software Cost Estimation	Prof. A. K. Mishra	2014
46	Aprna Tripathi	Managing Design Phase Package Level Coupling & Cohesion and Reducing the Design Document Comprehension Effort	Dr. D. S. Kushwaha & Prof. A. K. Mishra	2014
47	Brajesh Kumar Singh	Software Effort Estimation: An Approach for Estimation at Early Stage	Prof. A. K. Mishra	2014
48	Arvind Kumar Upadhyay	Regression Testing : A New Approach using Clustering and Association Rule in Test Suite Prioritization and Reduction	Prof. A. K. Mishra	2015

49	Arun Kumar Singh	Cryptanalysis and Design and Development of Cryptographic Algorithms for Information Security	Prof. A. K. Mishra	2015
50	Divya Kashyap	Software Effort Estimation : Evolutionary Algorithm based Approach for estimation at early Stages of Software Development	Prof. A. K. Mishra	2015
51	Pushpa Kesarwani	Automatic Face and Facial Expression Recognition System : A new Approach Based on Mean Distance Parameter	Prof. A. K. Mishra	2015
52	Mohit Gangwar	Intelligent Computing methods in the Diagnosis of Neuropsychiatric Diseases	Dr. R.S. Yadav and Dr. R.B. Mishra, IIT (BHU)	2015
53	Shivani Mishra	Modeling and Analysis of Complex Cyber Attacks	Dr. Krishna Kant & Dr. R.S. Yadav	2015
54	Anand Prakash Shukla	Design and Analysis of Cellular Automata Based Algorithms for Some Image Processing Tasks	Prof. Suneeta Agarwal	2015
55	Ravi Shankar Shukla	Modified Routing Algorithm and Handover Scheme for VANET	Dr. Neeraj Tyagi	2015
56	Anil Kumar Yadav	Efficient Connected Dominating Set Construction for Wireless Ad-hoc Networks	Dr. R.S.Yadav	2015
57	Ashish Tripathi	Nature Inspired Optimization Algorithms : A New Perspective Based on Evolution in Dynamic Environment	Dr. K.K. Mishra	2015
58	Neelam Bhardwaj	A New Imaging Approach for Automation Fresh holding of Photo Defect	Prof. Suneeta Agarwal	2015

59	Pawan Kumar	Symbiotic Software Engineering for Integration, Development and Management of Non – Functional Requirements for Research Prototypes	Dr. B.D. Chaudhary & Dr. Mukul K. Sinha	2016
60	Hari Mohan Singh	Strategies for Enhanced Protection Path & Dual Failure Restorability in WDM Mesh Networks using Reconfigurable and Partitioned p-Cycle	Dr. R.S. Yadav	2016
61	Shivendra Shivani	Novel Advancements in Multiple Dimensions of Visual Cryptography	Prof. Suneeta Agarwal	2016
62	Avinash Gupta	Test Case Reduction Techniques for Design and Maintenance Phase of Software Development	Dr. D. S. Kushwaha	2016
63	Divya Kumar	Co-variance Based ABC Variants and Their Applications	Dr. K.K. Mishra	2016
64	Rajitha Bakthula	Pre-Processing and Segmentation of Human Hand X-ray Images Suitable for Various Application	Prof. Suneeta Agarwal	2017
65	Dinesh Singh	Efficient Cluster Based Misbehavior Detection and Revocation of Malicious Vehicle in VANET	Dr. Ranvijay and Prof. R.S. Yadav	2017
66	Sanjeev Kumar Pipple	A Reliable Framework for Efficient Data Management for Ad hoc Cloud	Dr. D.S. Kushwaha	2017
67	Dushyamt Kumar Singh	Automatic Intruder Detection System for Border Serveillance	Dr. D.S. Kushwaha	2017
68	Sansar Singh Chauhan	An Energy Efficient Low Latency MAC Protocol for Clustered Wireless Sensor Networks	Prof. M.M. Gore	2017
69	Shashwati Banerjea	Design and Implementation of Publish /Subscribe based Peer-to Peer	Dr. Mayank Pandey	2017

		Cloud of Underutilized Resources for Providing Computation –as –a Service	& Prof. M.M. Gore	
70	Rupesh Kumar Dewang	Content Based Approaches for Detection of Review Spam and Spammer	Dr. A.K. Singh	2017
71	Shailendra Pratap Singh	Homeostasis Mutation Based Differential Evolution Algorithm for Software Cost Estimation	Dr. Anoj Kumar	2017
72	Awadhesh Kumar	Energy – Efficient Data Gathering and Forwarding Schemes for Wireless Sensor Networks	Prof. Neeraj Tyagi	2017
73	Shilpy Agrawal	VANET Routing Algorithms for Urban and Rural Highway Environments	Prof. Neeraj Tyagi and Prof. A.K. Misra	2017
74	Subhadra Bose Shaw	Energy – Performance Trade-offs through Proactive and Reactive Hotspot Detection Technique , Optimized VM Placement and Restricted VM Consolidation in Cloud Data Center	Dr. A.K.Singh	2018
75	Sarika Yadav	Energy Efficient Aggregation Head Selection Algorithms for Structure – free Wireless Sensor Networks	Prof. R.S. Yadav	2018
76	Nitin Saxena	Variants of particle swarm optimization and their application in Digital Image	Dr. K.K. Mishra	2018
77	Kumari Nidhi Lal	Distributed In-Network cache content strategy for Information Centric Networking(ICN)	Dr. Anoj Kumar	2018
78	Debjani Ghosh	Towards formal modeling, verification and stochastic analysis of P2P VOD streaming with VCR functionalities	Dr. Mayank Pandey and Prof. Neeraj Tyagi	2018

79	Neelam Dayal	FloodKnight: An Intelligent DDoS Defense Scheme Leveraging SDN to Combat Attacks Near Attack Entry Points	Dr. Shashank Srivastava	2019
80	Shambhu Shankar	Novel Technique for security and enhancement of Audio	Prof. Suneeta Agarawal	2019
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