

THE NATIONAL INSTITUTE OF ENGINEERING MYSURU-08

Details of Ph.D. Awarded

SL. No.	Year of Award	Research Centre	USN (Enrolement No.)	Name of Research Scholar	Name of Supervisor & Co supervisor	Title of Ph.D. Thesis
1	2019	Chemistry	4NI12PGN01	Mr. sangamesha M A	Dr. Pushpalatha	Novel Nanomaterials for Solar Cells: Preparation and Characterization
2	2009	Civil Engineering	4NI03PCM01	Thipperudrappa N.M.	Dr. Yadupathiputty	A study on intensity of rainfall in Karnataka, with particular reference to the Western Ghats
3	2010	Civil Engineering	NA	Gangadharappa B.M.	Dr. G.S. Suresh	Studies on behavior of light weight ferrocement under monotonic and cyclic compression & tension stresses
4	2010	Civil Engineering	AM04F3	Pradeep M.P.	Dr. Yadupathiputty & Dr. H D Phaneendra	Temporal Changes in the streamflow region in a wet tropical region – a case study in the Nethravathi Basin
5	2011	Civil Engineering	4NI04PCN01	Manjunath K S	Dr. N. Suresh	Studies on behavior of light weight ferrocement under monotonic and cyclic compression & tension stresses
6	2013	Civil Engineering	NA	Suresh Chandra	Dr. G. Sarangapani	Characteristics of masonry units mortar and masonry
7	2015	Civil Engineering	4NI08PCN01	Ganesh Mogaveer	Dr. G. Sarangapani	Studies on the behaviour of laterite block masonry arches & plain cement concrete arches
8	2015	Civil Engineering	4NI10PCM03	Naveena G.M.	Dr. G.S. Suresh	Studies on light weight ferrocement subjected to repeated flexural loading
9	2015	Civil Engineering	4NI05PCM01	Vishwanath K N	Dr. N. Suresh & Dr. Suresha B	Study on Effect of Sustained Temperature on High Volume Fly Ash Concrete
10	2019	Civil Engineering	4NI12PCN02	Maheshprabhu K	Dr. N. Suresh	Studies on the effects of elevated temperature on fiber reinforced high strength concrete
11	2020	Civil Engineering	4NI12PCN01	Sachin B P	Dr. N. Suresh	Studies on retrofitting of hybrid fiber self compacting concrete beams subjected to elevated temperature
12	2022	Civil Engineering	4NI15PCJ02	Arun L.	Dr. G. Sarangapani Dr. H. S. Prasanna	Study on Structural Characteristics of high strength masonry units & mortar
13	2008	Computer Science & Engineering	4NI03PEM03	Nalini N	Dr. G. Raghavendra Rao	Heuristic Algorithms in Secure Networks: Design and Performance Evaluation Studies
14	2008	Computer Science & Engineering	4NI03PEM04	Phaneendra H.D	Dr. M. S. Shivakumar	Performance Analysis of Quantum Algorithms
15	2008	Computer Science & Engineering	4NI03PEM03	Raghuveer K	Dr. G. Raghavendra Rao	Design and Evaluation Studies of Summarization Techniques for Text documents
16	2008	Computer Science & Engineering	4NI03PEM05	Vidyaraj C	Dr. M. S. Shivakumar	Analysis of Fast Quantum Algorithms for Solution to Hard Problems on Quantum Computers
17	2012	Computer Science & Engineering	4NI06PEM01	Shriranga Ambaji Kulkarni	Dr. G. Raghavendra Rao	Optimizing Reinforcement Learning Based Routing Algorithm for Dynamic Networks
18	2015	Computer Science & Engineering	4NI08PEN03	Ravi Kumar V	Dr. Raghuveer. K	Study of feature selection using Statistical and Semantic Phrase Techniques with Text Documents
19	2015	Computer Science & Engineering	4NI09PEM01	Shrikanta Swamy	Dr. H. D. Phaneendra	Performace analysis abd evaluation of classical and Quantum Metrics
20	2017	Computer Science & Engineering	4NI08PEN02	Kuzhalvaimozhi S	Dr G. Raghavendra Rao	An Identity based Group Signature Scheme for Enhancing Public Key Cryptosystem
21	2017	Computer Science & Engineering	4NI09PEN01	Shabana Sultana	Dr. C. Vidyaraj	To Study and Develop Game Theoretic Model to Analyze Selfishness in Forwarding Packets on Ad Hoc Networks
22	2018	Computer Science & Engineering	4NI10PEM01	Annapurna V K	Dr. C. Vidyaraj	Development of an Efficient SMART Protocol for ATM Multipoint Connections using Game Theoretical Approach
23	2018	Computer Science & Engineering	4NI12PEN08	Ashwini B	Dr. Yuvaraju. B. N	An optimized Data Mining Algorithm for User Applications.

24	2018	Computer Science & Engineering	4NI07PEN01	Devaki P	Dr. G. Raghavendra Rao	Developing Novel Algorithms for Multi User, Shared Key Secured System.
25	2019	Computer Science & Engineering	4NI10PEM02	Girish H. P	Dr. H. D. Phaneendra	Analysis, Design and Implementation of Certification by Identity Based Encryption Schemes for Information Security
26	2019	Computer Science & Engineering	4NI13PEN06	Jayasri B S	Dr. G. Raghavendra Rao	Novel Framework for Reliability and Energy Efficiency in Data Fusion in Large Scale Wireless Sensor Networks
27	2019	Computer Science & Engineering	4NI13PEN04	Rekha K S	Dr. A. D. Kulkarni	An Adaptive Model for Runtime Reconfigurations in Wireless Sensor Networks
28	2019	Computer Science & Engineering	4NI12PEN07	Sapna B Kulkarni	Dr. Yuvaraju. B. N	A Dynamic Energy Efficient and Bandwidth Aware Real-Time Traffic Multicast Routing Algorithm for Mobile Ad Hoc Network
29	2020	Computer Science & Engineering	4NI12PEN05	Anitha R	Dr. C. Vidyaraj	An Energy and Cost Efficient Load Balancing System for Cluster of Clouds
30	2020	Computer Science & Engineering	4NI12PEN01	Asha N	Dr. G. Raghavendra Rao	Energy Efficient Optimized Resource Allocation Scheme in a Cloud Computing Environment
31	2020	Computer Science & Engineering	4NI08PEM01	Chandrashekar A M	Dr. Raghuv eer. K	Effective Data Mining Techniques to Detect Network Intrusions
32	2020	Computer Science & Engineering	4NI12PEN03	Sowmya	Dr. G. Raghavendra Rao	An Innovative Device to Report Chain Snatching
33	2022	Computer Science & Engineering	4NI15PEJ03	Mohammed Muddasir.N	Dr. Raghuv eer. K	A Study of Renal failure causes using Data Mining Techniques
34	1997	Electrical and Electronics	NA	Ananthapadmanabha T	Dr. A. S. Gopal Rao	Artificial Intelligence Methodologies for planning and Operation of distribution system
35	1999	Electrical and Electronics	NA	Kulkarni A.D	Dr. K. Raghavendra Rao	Development of Artificial Intelligence Algorithms for Energy Management System
36	2002	Electrical and Electronics	NA	Shiva Kumar W. M	Dr. T. Ananthapadmanabha	AI Methodologies for electric distribution system
37	2003	Electrical and Electronics	NA	Aravinda Murthy A.S	Dr. K. V. Srinivas	Investigation of Some Issues Related to Small Scale Power Generation
38	2007	Electrical and Electronics	4NI02PEM02	Balaraman K.	Dr. T. Ananthapadmanabha	Application of New methodologies in energy Management Systems
39	2007	Electrical and Electronics	4NI02PEM03	Nagaraja M.S.	Dr. T. Ananthapadmanabha	Development of Artificial Neural Network & Fuzzy Logic Based Algorithm for planning, operation & Control of Distribution Systems
40	2007	Electrical and Electronics	4NI02PEM04	Venkataramu P.S	Dr. T. Ananthapadmanabha	Power System studies incorporating Voltage Collapse Phenomenon.
41	2011	Electrical and Electronics	4NI02PEM05	Shivakumar S B	Dr. A. D. Kulkarni	Intelligent Algorithm of Knowledge Based methodologies and Artificial Neural network in SCADA Environment
42	2011	Electrical and Electronics	4NI06PEM02	Shobha Shankar	Dr. T. Ananthapadmanabha	Fuzzy application for voltage collapse based power system studies
43	2011	Electrical and Electronics	4NI06PEM03	Prakash R	Dr. T. Ananthapadmanabha	Development of new algorithm for reactive power optimization in radial distribution system
44	2012	Electrical and Electronics	4NI02PEN02	Shekhappa G Ankaliki	Dr. A. D. Kulkarni	New Algorithms for Power System Security Functions
45	2012	Electrical and Electronics	4NI07PEM01	Manojkumar H Pujar	Dr. T. Ananthapadmanabha & Dr. N Rajendra	Development of algorithms for operational planning at distribution automation environment
46	2013	Electrical and Electronics	4NI03PEM01	Bhanuprakash K. N	Dr. A. D. Kulkarni	Development of intelligent algorithms for load forecasting and state estimation in power system
47	2013	Electrical and Electronics	4NI08PEM02	Surekha T.P	Dr. T. Ananthapadmanabha	Advanced Communication techniques in power systems
48	2014	Electrical and Electronics	4NI04PEN02	Sumathi S	Dr. Bansilal & Dr. T.N.Shridhar	Artificial intelligence applications for monitoring and control of voltage stability in power systems
49	2015	Electrical and Electronics	4NI09PEN02	Parthasarathy L	Dr. T. Ananthapadmanabha	Reactive Power planning in restructured power system

50	2016	Electrical and Electronics	6NI11EPS10	Likith Kumar M V	Dr. T. Ananthapadmanabha	Development of novel algorithms for distribution system state estimation
51	2016	Electrical and Electronics	6NI11EPS11	Maruthi Prasanna H A	Dr. T. Ananthapadmanabha	Development of new algorithms for Distributed generation Planning
52	2017	Electrical and Electronics	4NI11PEM02	Pradeepa H	Dr. T. Ananthapadmanabha	Distribution System Performance Studies under the Influence of Distributed Generation
53	2017	Electrical and Electronics	4NI11PEM03	Chidananadappa R	Dr. T. Ananthapadmanabha	Development of new algorithms for the operational planning of electrical distribution system in distributed generator environment
54	2017	Electrical and Electronics	4NI11PEM04	Girish V	Dr. T. Ananthapadmanabha	Integration of smart grid technology-wide area monitoring and control of the power transmission network
55	2017	Electrical and Electronics	4NI11PEN01	Arun Kumar B Patil	Dr. A. D. Kulkarni	Development of Intelligent Algorithms for Power System Smart Grid Operation & Control
56	2017	Electrical and Electronics	4NI11PEN04	Mohan N	Dr. A. D. Kulkarni	Development of Intelligent Techinques for Electrical Energy management System in Deregulated Environment
57	2019	Electrical and Electronics	4NI11PEN02	Gopala Reddy K	Dr. T. Ananthapadmanabha	Develoment of Intelligent Technique for optimal Distrbuted Genration Planning for Power Quality Improverment in Distribution Network.
58	2020	Electrical and Electronics	4NI11PEN05	Radhakrishna R	Dr. T. Ananthapadmanabha	Development of New Algorithms for Control of Distribution System in DG Environment
59	2021	Electrical and Electronics	4NI13PEN02	Sandeep Kumar K J	Dr. A. D. Kulkarni & Dr. G L Shekar	Analyzing the Impacts of Distributed Generation on Power System Stability
60	2021	Electronics and Communication Engineering	4NI13PEN03	Salila Hegde	Dr. Rohini Nagapadma	Implementation of Medical Image Compression Schemes using Number Theoretic Transforms and Performance Evaluation
61	2018	Electronics and Communications	4NI11PEN03	Padmashree S	Dr. Rohini Nagapadma	Some investigative studies on Fractal image compression for medical images and optimization using neural networks
62	2013	Industrial production and Engineering	NA	Nagendra Gupta C K	Dr. G. L. Shekar & Dr. N Rajendra	Reverse logistics Network for e-waste recovery.
63	2014	Industrial production and Engineering	4NI06PMM01	Subbaiah K M	Dr. Y. S. Varadarajan & Dr. T.N.Shridhar	Study of Tribological Behavior of Polymer Composites
64	2015	Industrial production and Engineering	NA	Muthukumar	Dr. G. L. Shekar	Impact of Cultural changes on continues Improvement
65	2015	Industrial production and Engineering	4NI07PMN01	Sudarshan Rao	Dr. Y. S. Varadarajan	A study on Tribological behaviour of Composite Materials
66	2010	Mechanical Engineering	4NI04PMM01	Govindaraju H.K.	Dr. T. Jayaraju	Effect of Heat Treatment on Fracture Toughness of Aluminium Alloys
67	2012	Mechanical Engineering	4NI04PMN03	Neelkant V. Londe	Dr. T. Jayaraju	Crack Propagation Studies in Metallic Materials
68	2012	Mechanical Engineering	4NI12PMN04	Kiran Kumar .C	Dr. N. V. Raghavendra	Studies on Infrared Cured Fibre Reinforced Polymer Composites
69	2012	Mechanical Engineering	4NI09MMM01	Ravishankar B L	Dr. Suresha. B	Processing Microstructure and tribological characterization of fiber and particulate filled nano composites
70	2013	Mechanical Engineering	4NI06PMM02	Aravind Rao M Yadwad	Dr. T. Jayaraju	Feasibility Study on the use of Agro-based Biomass Fuel in a Pilot Scale FBC Power Generation Plant
71	2014	Mechanical Engineering	4NI08PMM01	Ramesh B N	Dr. Suresha. B & Dr. T.N.Shridhar	Processing, Microstructure and Tribological Characterization of Fiber and Particulate filled Polymer Composite Systems
72	2015	Mechanical Engineering	4NI08PMN01	Devarajaiah R M	Dr. Suresha. B	Experimental and Mathematical Modelling of Abrasive Wear Behaviour of Particulate Filled Fabric Reinforced Thermoset Polymer Matrix Composites

73	2015	Mechanical Engineering	4NI16PMJ01	Raju B R	Dr. Suresha. B	Investigations on Tribological Behaviour and Machining of Fibre reinforced Polymeric Composites
74	2017	Mechanical Engineering	4NIIPMN01	Mr. Krupashankar M S	Dr. B. K. Sridhara	Studies on processing thermo mechanical behaviour of carbon nanotube filled thermo plastic polymer composites
75	2017	Mechanical Engineering	4NIIPMM01	Mohan Krishna S A	Dr. L. Krishnamurthy	Thermal characterization of Hybrid Metal Matrix Composites
76	2017	Mechanical Engineering	4NI06PMN01	Hulugappa B	Dr. M. V. Achutha	Processing, Characterization and Fracture Toughness of Thermoset Polymer Composites
77	2018	Mechanical Engineering	4NI12PMN01	Mr. Muralidhar Singh M	Dr. B. K. Sridhara	Experimental Investigation on Deposition and Characterisation of Multi Layer Thin Film Coatings for Solor Energy Application
78	2018	Mechanical Engineering	4NI10PMN01	Bharath P B	Dr. Suresha. B	Studies on the effect of micro and nano filler addition on the tribological behaviour of thermoset polymer composite
79	2020	Mechanical Engineering	4NI12PMN03	Naveen A	Dr. L. Krishnamurthy	Development and Characterization of Nano structure thermal barrier coatings for turbines blades
80	2020	Mechanical Engineering	4NI12PMN02	Sharath Chandra N	Dr. N. V. Raghavendra	An Empirical Study to Assess the Technological Capability of Aerospace Industry Cluster of Bangalore
81	2020	Mechanical Engineering	4NI15PMJME08	Arun Chandrashekhara Dixit U	Dr. M. V. Achutha	Studies in fatigue behaviour of Aluminium-Boron Carbide metal matrix composittes
82	2020	Mechanical Engineering	4NI15PMJ04	Mahesh G. Emmi	Dr. Aravinda Rao M. Yadwad	Development of Simulation model for Performance Evaluation of Bagasse unit in a Sugar Plant.
83	2022	Mechanical Engineering	4NI12PMN06	Ravi Kumar V	Dr. K. R. Prakash	Polymer composites as Sensor Materials