

THE NATIONAL INSTITUTE OF ENGINEERING MYSURU-08							
Details of Ph.D. Awarded							
SL. No.	Year of Award	Research Centre	USN	Name of Research Scholar	Name of Supervisor & Co supervisor	Title of Ph.D. Thesis	Full Time / Part Time
1	1997	Electrical and Electronics	NA	Ananthapadmanabha T	Dr. A. S. Gopal Rao	Artificial Intelligence Methodologies for planning and Operation of distribution system	Part Time
2	1999	Electrical and Electronics	NA	Kulkarni A.D	Dr. K. Raghavendra Rao	Development of Artificial Intelligence Algorithms for Energy Management System	Part Time
3	2002	Electrical and Electronics	NA	Shiva Kumar W. M	Dr. T. Ananthapadmanabha	AI Methodologies for electric distribution system	Part Time
4	2003	Electrical and Electronics	NA	Aravinda Murthy A.S	Dr. K. V. Srinivas	Investigation of Some Issues Related to Small Scale Power Generation	Part Time
5	2007	Electrical and Electronics	4NI02PEM02	Balaraman K.	Dr. T. Ananthapadmanabha	Application of New methodologies in energy Management Systems	Part Time
6	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	Part Time
7	2007	Electrical and Electronics	4NI02PEM04	Venkataramu P.S	Dr. T. Ananthapadmanabha	Power System studies incorporating Voltage Collapse Phenomenon.	Part Time
8	2008	Computer Science & Engineering	4NI03PEM03	Nalini N	Dr. G. Raghavendra Rao	Heuristic Algorithms in Secure Networks: Design and Performance Evaluation Studies	Part Time
9	2008	Computer Science & Engineering	4NI03PEM04	Phaneendra H.D	Dr. M. S. Shivakumar	Performance Analysis of Quantum Algorithms	Part Time
10	2008	Computer Science & Engineering	4NI03PEM03	Raghuvveer K	Dr. G. Raghavendra Rao	Design and Evaluation Studies of Summarization Techniques for Text documents	Part Time
11	2008	Computer Science & Engineering	4NI03PEM05	Vidharaj C	Dr. M. S. Shivakumar	Analysis of Fast Quantum Algorithms for Solution to Hard Problems on Quantum Computers	Part Time
12	2009	Civil Engineering	4NI03PCM01	Thipperudrappa N.M.	Dr. Yadupathiputty	Studies on rainfall Intensity pattern in Karnataka state with particular reference to Western Ghats	Part Time
13	2010	Civil Engineering	NA	Gangadharappa B.M.	Dr. G.S. Suresh	Studies on behavior of light weight ferrocerment under monotonic and cyclic compression & tension stresses	Part Time
14	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,karnataka	Part Time
15	2010	Mechanical Engineering	4NI04PMM01	Govindaraju H.K.	Dr. T. Jayaraju	Effect of Heat Treatment on Fracture Toughness of Aluminium Alloys	Part Time
16	2011	Civil Engineering	4NI04PCN01	Manjunath K S	Dr. N. Suresh	Studies on repair & rehabilitation of concrete structures subjected to sustained elevated temperature	Part Time
17	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	Part Time
18	2011	Electrical and Electronics	4NI06PEM02	Shobha Shankar	Dr. T. Ananthapadmanabha	Fuzzy application for voltage collapse based power system studies	Part Time
19	2011	Electrical and Electronics	4NI06PEM03	Prakash R	Dr. T. Ananthapadmanabha	Development of new algorithm for reactive power optimization in radial distribution system	Part Time
20	2012	Computer Science & Engineering	4NI06PEM01	Shriranga Ambaji Kulkarni	Dr. G. Raghavendra Rao	Optimizing Reinforcement Learning Based Routing Algorithm for Dynamic Networks	Part Time
21	2012	Electrical and Electronics	4NI02PEN02	Shekhappa G Ankaliki	Dr. A. D. Kulkarni	New Algorithms for Power System Security Functions	Part Time
22	2012	Electrical and Electronics	4NI07PEM01	Manojkumar H Pujar	Dr. T. Ananthapadmanabha & Dr. N Rajendra	Development of algorithms for operational planning at distribution automation environment	Part Time
23	2012	Mechanical Engineering	4NI04PMN03	Neelkant V. Londe	Dr. T. Jayaraju	Crack Propagation Studies in Metallic Materials	Part Time
24	2012	Mechanical Engineering	4NI12PMN04	Kiran Kumar .C	Dr. N. V. Raghavendra	Studies on Infrared Cured Fibre Reinforced Polymer Composites	Part Time
25	2012	Mechanical Engineering	4NI09MMM01	Ravishankar B L	Dr. Suresha. B	Processing Microstructure and tribological characterization of fiber and particulate filled nano composites	Part Time
26	2012	Mechanical Engineering	4NI12PMN06	Ravi Kumar V	Dr. K. R. Prakash	Characterization of polymer carbon nanofiber composites for strain measurement	Part Time

27	2013	Civil Engineering	4PSO4PCN02	Suresh Chandra	Dr. G. Sarangapani	Structural Characteristics of masonry units mortar and masonry	Part Time
28	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	Part Time
29	2013	Electrical and Electronics	4NI08PEM02	Surekha T.P	Dr. T. Ananthapadmanabha	Advanced Communication techniques in power systems	Part Time
30	2013	Industrial production and Engineering	4NI07PMM01	Nagendra Gupta C K	Dr. G. L. Shekar & N Rajendra	Reverse logistics Network for e-waste recovery.	Part Time
31	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	Part Time
32	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	Part Time
33	2014	Industrial production and Engineering	4NI06PMM01	Subbaiah K M	Dr. Y. S. Varadarajan & Dr.T.N.Shridhar	Study of Tribological Behavior of Polymer Composites	Part Time
34	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	Part Time
35	2015	Civil Engineering	4NI08PCN01	Ganesh Mogaveer	Dr. G. Sarangapani	Study on the behaviour of arches	Part Time
36	2015	Civil Engineering	4NI10PCM03	Naveena G.M.	Dr. G.S. Suresh	Studies on light weight ferrocement subjected to repeated and reversed flexural	Part Time
37	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	Part Time
38	2015	Computer Science & Engineering	4NI08PEN03	Ravi Kumar V	Dr. Raghuvveer. K	Study of feature selection using Statistical and Semantic Phrase Techniques with Text Documents	Part Time
39	2015	Computer Science & Engineering	4NI09PEM01	Shrikanta Swamy	Dr. H. D. Phaneendra	Performance analysis and evaluation of classical and Quantum cryptographic algorithms	Part Time
40	2015	Electrical and Electronics	4NI09PEN02	Parthasarathy L	Dr. T. Ananthapadmanabha	Reactive Power planning in restructured power system	Part Time
41	2015	Industrial production and Engineering	NA	Muthukumar	Dr. G. L. Shekar	Impact of Cultural changes on continues Improvement	Part Time
42	2015	Industrial production and Engineering	4NI07PMN01	Sudarshan Rao	Dr. Y. S. Varadarajan	A study on Tribological behaviour of Composite Materials	Part Time
43	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	Part Time
44	2015	Mechanical Engineering	4NI16PMJ01	Raju B R	Dr. Suresha. B	Investigations on Tribological Behaviour and Machining of Fibre reinforced Polymeric Composites	Part Time
45	2016	Electrical and Electronics	6NI11EPS10	Likith Kumar M V	Dr. T. Ananthapadmanabha	Development of novel algorithms for distribution system state Estimation	Part Time
46	2016	Electrical and Electronics	6NI11EPS11	Maruthi Prasanna H A	Dr. T. Ananthapadmanabha	Development of new algorithms for optimal Distributed generation Planning in electrical distribution system	Part Time
47	2017	Computer Science & Engineering	4NI08PEN02	Kuzhalvaimozhi S	Dr G. Raghavendra Rao	An Identity based Group Signature Scheme for Enhancing Public Key Cryptosystem	Part Time
48	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	Part Time
49	2017	Electrical and Electronics	4NI11PEM02	Pradeepa H	Dr. T. Ananthapadmanabha	Distribution System Performance Studies under the Influence of Distributed Generation	Part Time
50	2017	Electrical and Electronics	4NI11PEM03	Chidanadanadappa R	Dr. T. Ananthapadmanabha	Development of new algorithms for the operational planning of electrical distribution system in distributed generator environment	Part Time
51	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	Part Time
52	2017	Electrical and Electronics	4NI11PEN01	Arun Kumar B Patil	Dr. A. D. Kulkarni	Development of Intelligent Algorithms for Power System Smart Grid Operation & Control	Part Time
53	2017	Electrical and Electronics	4NI11PEN04	Mohan N	Dr. A. D. Kulkarni	Development of Intelligent Techniques for Electrical Energy management System in De-Regulated Environment	Part Time

54	2017	Mechanical Engineering	4NI11PMN01	Krupashankar M S	Dr. B. K. Sridhara	Studies on processing thermo mechanical behaviour of carbon nanotube filled thermo plastic polymer composites	Part Time
55	2017	Mechanical Engineering	4NI11PMM01	Mohan Krishna S A	Dr. L. Krishnamurthy & Dr.T.N.SHRIDHAR	Thermal characterization of Hybrid Metal Matrix Composites	Part Time
56	2017	Mechanical Engineering	4NI06PMN01	Hulugappa B	Dr. M. V. Achutha	Processing, Characterization and Fracture Toughness of Thermoset Polymer Composites	Part Time
57	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	Part Time
58	2018	Computer Science & Engineering	4NI12PEN08	Ashwini B	Dr. Yuvaraju. B. N	An optimized Data Mining Algorithm for User Applications.	Part Time
59	2018	Computer Science & Engineering	4NI07PEN01	Devaki P	Dr. G. Raghavendra Rao	Developing Novel Algorithms for Multi User, Shared Key Secured System.	Part Time
60	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	Part Time
61	2018	Mechanical Engineering	4NI12PMN01	Muralidhar Singh M	Dr. B. K. Sridhara & Dr.T.N.SHRIDHAR	Experimental Investigation on Deposition and Characterisation of Multi Layer Thin Film Coatings for Solor Energy Application	Part Time
62	2018	Mechanical Engineering	4NI10PMN01	Bharath P B	Dr. Suresha. B	Studies on the effect of micro and nanofiller addition on the tribological behaviour of thermoset polymer composite systems	Part Time
63	2019	Chemistry	4NI12PGN01	Sangamesha M A	Dr. Pushpalatha	Novel Nanomaterials for Solar Cells: Preparation and Characterization	Full Ime
64	2019	Civil Engineering	4NI12PCN02	Maheshprabhu K	Dr. N. Suresh	Studies on the effects of elevated temperature on fiber reinforced high strength concrete	Part Time
65	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	Part Time
66	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 Network	Part Time
67	2019	Computer Science & Engineering	4NI13PEN04	Rekha K S	Dr. A. D. Kulkarni	An Adaptive Model for Run time Reconfigurations in Wireless Sensor Networks	Part Time
68	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	Part Time
69	2019	Electrical and Electronics	4NI11PEN02	Gopala Reddy K	Dr. T. Ananthapadmanabha	Development of Intelligent Technique for optimal Distrbuted Genration Planning for Power Quality Improvement in Distribution Network.	Part Time
70	2020	Civil Engineering	4NI12PCN01	Sachin B P	Dr. N. Suresh	Behavioral study on rehabilitation of hybrid fiber self compacting concrete beams subjected to sustained evevated temperature	Part Time
71	2020	Computer Science & Engineering	4NI12PEN05	Anitha R	Dr. C. Vidyaraj	An Energy and Cost Efficient Load Balancing System for Clusterof Clouds	Part Time
72	2020	Computer Science & Engineering	4NI12PEN01	Asha N	Dr. G. Raghavendra Rao	Energy Efficient Optimized Resource Allocation Scheme in a Cloud Computing Environment	Part Time
73	2020	Computer Science & Engineering	4NI08PEM01	Chandrashekar A M	Dr. Raghuv eer. K	Effective Data Mining Techniques to Detect Network Intrusions	Part Time
74	2020	Computer Science & Engineering	4NI12PEN03	Sowmya S	Dr. G. Raghavendra Rao	A Novel tracker to catch chain snatchers-MEMS Technique (registered forprovisional patent	Part Time
75	2020	Electrical and Electronics	4NI11PEN05	Radhakrishna K R	Dr. T. Ananthapadmanabha	Development of New Algorithms for Control of Distribution System in DG Environment	Part Time
76	2020	Mechanical Engineering	4NI12PMN03	Naveen A	Dr. L. Krishnamurthy	Development and Characterization of Nano structure thermal barrier coatings for turbines blades	Part Time
77	2020	Mechanical Engineering	4NI12PMN02	Sharath Chandra N	Dr. N. V. Raghavendra & Dr.G.L.Shekar	An Empirical Study to Assess the Technological Capability of Aerospace Industry Cluster of Bangalore	Part Time
78	2020	Mechanical Engineering	4NI15PMJ08	Arun Chandrashekhara Dixit U	Dr. M. V. Achutha/ Dr.B K Sridhara	Studies in fatigue behaviour of Aluminium-Boron Carbide metal matrix composites	Part Time

79	2020	Mechanical Engineering	4NI15PMJ04	Maresh G. Emmi	Dr. Aravinda Rao M. Yadwad	Development of Simulation model for Performance Evaluation of Bagasse unit in a Sugar Plant.	Part Time
80	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	Part Time
81	2021	Electronics and Communication Engineering	4NI13PEN03	Salila Hegde	Dr. Rohini Nagapadma	Implementation of image compression schemes using number theoretic transform and performance evaluation	Part Time
82	2022	Civil Engineering	4NI15PCJ02	Arun L.	Dr. G. Sarangapani Dr. H. S. Prasanna	Study on Structural Characteristics of high strength masonry units & mortar	Part Time
83	2022	Computer Science & Engineering	4NI15PEJ03	Mohammed Muddasir.N	Dr. Raghuvveer. K	Study and Evaluation of Performance optimization Techniques for near real time ETL	Part Time
84	2022	Computer Science & Engineering	4NI15PEJ06	B R Vatsala	Dr. C. Vidya Raj	To Develop Flow Control Protocol for Internet of Things using Li Fi	Part Time
85	2022	Computer Science & Engineering	4NI10PEN03	Sanjay Kumar C K	Dr. H. D. Phaneendra	Novel approaches in Medical Image Analysis	Part Time
86	2022	Computer Science & Engineering	4NI18PCS02	Mahesha Y	Dr. Nagaraju. C	Statistical Approach to Diagnose Congenital heart Disease using palmar dermatoglyphics titled has been changed to " Early detection of congenital heart disease using palmar dermatoglyphics	Part Time
87	2022	Electrical & Electronics Engineering	4NI16PEJ03	Lokesh M	Dr. A. D. Kulkarni	"Power Quality and Stability Analysis of Distribution System Integrated With Distributed Generators"	Part Time
88	2022	Electrical & Electronics Engineering	4NI13PEN01	Vishwanath G	Dr. A. D. Kulkarni	Power Quality Analysis, Control & Improvement in Distribution system with DG's	Part Time
89	2022	Mechanical Engineering	4NI12PMN06	Ravi Kumar V	Dr. K. R. Prakash	Characterization of polymer carbon nanofiber composites for strain measurement	Part Time
90	2022	Mechanical Engineering	4NI15PMJ01	Shrinatha R Katti	Dr. M. V. Achutha	Investigations on fatigue behaviour of carbon nanotubes filled thermoplastic composites	Part Time
91	2022	Mechanical Engineering	4NI16PMJ09	Divya G S	Dr. Suresha. B	Investigation of Tribological Properties of Nanofillers filled Carbon Fabric Reinforced Epoxy Hybrid Composites	Part Time
92	2022	Mechanical Engineering	4NI13PMN01	Krishna	Dr. Suresha. B	Processing, Characterization and Solid Particle Erosion response of Thermoplastic Blend based Hybrid Composite	Part Time
93	2022	Mechanical Engineering	4NI13PMN03	Raghuvveer H Desai	Dr. L. Krishnamurthy Dr. T.N.Shridhar	Study on surface treatment optimization and enhancement of mechanical properties of the areca fiber composites	Part Time
94	2022	Mechanical Engineering	4NI16PMJ01	Darshan S M	Dr. Suresha. B	Fabrication and Characterization of Silk Fiber Reinforced Epoxy Composites With Synthetic Fibers and Fillers	Part Time
95	2023	Civil Engineering	4NI16PCJ06	Pramukh Ganapathy C	Dr. G. Sarangapani Dr. H. S. Prasanna	Structural characteristics of concrete blocks and mortars produced using fibres, soil and self compacting agents	Part Time
96	2023	Civil Engineering	4NI16PCJ02	Rajeeth T.J	Dr. G. Ravi	Fatigue Reliability Analysis of Railway steel Bridges	Part Time
97	2023	Electrical & Electronics Engineering	4NI19PEE01	Shishail K Bilgundi	Dr. H. Pradeepa	Distribution system monitoring and control with distributed energy resources	Full Time
98	2023	Mechanical Engineering	4NI15PMJ12	Umesh V	Dr. K. R. Prakash	Study on effectiveness of Image Guided Medical Robot using Computational 3D-CAD Model	Part Time
99	2023	Computer Science & Engineering	4NI15PEJ02	Lokesh S	Jayasri.B.S	To develop a Cross Layered Protocol for performance optimization in Wireless Sensor-Networks	Part Time
100	2012	Mechanical Engineering	4NI13PMN04	Latha B.M.	Dr. N. V. Raghavendra	A Model Case Approach for Implementation of Lean Manufacturing Tools in Large Scale Manufacturing Industries	Part Time
101	2013	Physics	4NI13PGN01	Madhusudhan R	Dr. R. Gopalkrishne Urs	Nano structured multi-layered thermal barrier coatings for turbine blades	Full Time
102	2013	Computer Science & Engineering	4NI13PEN05	Vanamala C K	Dr. G. Raghavendra Rao	Robust Modeling of Mitigation Techniques on Lethal Attacks in OLSR	Part Time
103	2015	Mechanical Engineering	4NI16PMJ10	Vikram Athreya V	Dr. T. N. Shridhar	Study on HCCI Engine to Establish Control of Combustion Phasing	Part Time
104	2014	Computer Science & Engineering	4NI15PEJ07	Shashank Dhananjaya	Dr. Yuvaraju. B. N	A Holistic Framework in Security of Software Defined Radio for Cognitive Radio Wireless Sensor-Networks	Part Time

105	2015	Mechanical Engineering	4NIE15PMJ05	B Harish	Dr. K. R. Prakash	Characterization of Ni3Al coated on Za-27 as a antifriction bearing Material	Part Time
106	2016	Physics	4NI17PGA01	Sahana D	Dr. R Gopalkrishne Urs	Crystal and Molecular sturcture studies of biologically important organic chemical compounds	Part Time
107	2016	Electrical & Electronics Engineering	4NI16PEJ05	Anil Kumar D'Souza	Dr. T. Ananthapadmanabha	Investigation of Solar PV-DG impacts with the distribution Grid	Part Time
108	2016	Electrical & Electronics Engineering	4NI16PEJ04	D Babu Rajendra Prasad	Dr. A. D. Kulkarni	Operation and Control of Distributed Energy Resources in Electrical Distribution System	Part Time
109	2017	Computer Science & Engineering	4NI17PEA01	Narender M	Dr. Yuvaraju B. N	Firma: Framework for Identifying and Resisting Malicious Attacks in Software Defined Networks	Part Time
110	2019	Electrical & Electronics Engineering	4NI19MEE01	Venkatesh Apatlabathool	Dr. Shankar. N	Design and Implementation of Hybrid Electric Vehicles using Intelligent System	Full Time
111	2012	Physics	4NI12PGN02	Chandrashekar K	Dr. R. Gopalkrishne Urs	Studies on nano structured materials on solar energy applications	Full Time