

LIST OF RESEARCH SCHOLARS

***YoR = Year of Registration**

CIVIL ENGINEERING

Ph.D. (09)

Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Sagar M S	2014	4MC15PMJ01	Dr. M S Kalappa	Optimum design of tuned liquid damper to reduce tall building responses against earthquake excitation	About to submit thesis
2.	Govindakrishna M	2015	4MC16PMJ01	Dr. A J Krishnaiah	A parametric study on thermal conductivity of concrete slab and walls of residential buildings	Open seminar 2 Completed
3.	Hemanth R	2019	4MC19PCV02	Dr. A J Krishnaiah	Development and durability studies on soil-based SCC	Open seminar 2 Completed
4.	Shilpa B C	2022	4MC21PCV02	Dr. Muralidhar N	Mechanical and Microstructural Characterization of Arecanut Husk Fiber-Reinforced Green Composites	Comprehensive Viva Completed
5.	Siri Hemanth	2022	4MC21PCV01	Dr. Vijay V	Sustainable Self Compacting Concrete	Course work completed
6.	Niranjan Nayaka R K	2024	4MC22PCV01	Dr. Muralidhar N	A Study on Areca Nut Husk Fine Fiber Composites Under Static and Dynamic Loading Condition	Course work completed
7.	Shamana B S	2024	4MC23PCV01	Dr. Manu K C	Application of digital image correlation for health assessment of concrete structures	Course work completed
8.	Chandini M S	2025	4MC24PCV01	Dr. Manu K C	Development of AI and ML based models for remaining life prediction of corrosion affected concrete structures	Course work completed
9.	Pooja N P (FT)	2025	4MC24PCV02	Dr. Muralidhar N	Mechanical characterization of advanced green composites under static and dynamic loading	Applied for course work

MECHANICAL ENGINEERING

Ph.D. (15)						
Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Hanoca P	2013	4MC13PMV05	Dr. H V Ramakrishna	Numerical Analysis of Lubricating Oil in Rolling Contact Bearings	Comprehensive Viva Voce Completed
2.	Pratap M S	2014	4MC15PMJ05	Dr. Amarendra H J	Characterization and Erosion Behaviour of Surface Modified Martensitic Stainless Steel	Open Seminar 2 Completed
3.	Prasanna Kumar B N	2015	4MC16PMJ01	Dr. Amarendra H J	Evaluation of slurry erosion test rigs	Course work completed
4.	Yogish C K (FT)	2015	4MC16PMJ06	Dr. S Pradeep	Experimental investigation and numerical simulation of MFSP Al-Mg Alloy under various tool geometries	Open Seminar 1 Completed
5.	Athith D	2017	4MC18PME01	Dr. B Yogesha	Studies on effect of filler and natural/ Synthetic Rubber for Natural Fiber composites	Course work completed
6.	Deepak S A	2019	4MC19PME01	Dr. Jeevan T P	Investigation of static and dynamic responses of functionally graded beams and plates subjected to mechanical loading	Course work completed
7.	Shivaraj Dharennavar	2021	4MC20PME03	Dr. Jeevan T P	Investigation on the Mechanical and Tribological Behavior of 3D Printed Natural Filler Reinforced Polylactic Acid Composites	Open Seminar 1 Completed
8.	Sharath H K	2021	4MC20PME02	Dr. Jeevan T P	Studies on the Machining of Inconel 718 using Cryogenic treated Cemented Carbide Cutting Tool Inserts and Non-edible Vegetable Oil as Cutting	Open Seminar 1 Completed
9.	Prashanth Sharma K R	2021	4MC20PME01	Dr. Laxmana Naik L/ Dr. Jeevan T P	Investigation on Mechanical, Thermal and Tribological Properties of 3D Printed Graphene Reinforced ABS Composites	Open Seminar 1 Completed
10.	Charanakumar E	2023	4MC21PME01	Dr. Ezhil Vannan S	Experimental investigation and numerical analysis of loop heat pipe for electronic cooling devices	Comprehensive Viva Voce Completed
11.	Naveen Kumar B J	2023	4MC21PME02	Dr. Ezhil Vannan S	Heat Pipe Assisted Thermal Energy Storage and Battery Thermal Management	Comprehensive Viva Voce Completed

12.	Manjunath H N	2024	4MC23PME01	Dr. Madhu P	Experimental and Finite Element Analysis of Bio-Nano Filler Reinforced Jute-Carbon Reinforced Epoxy Composites for Lightweight Automotive Applications	Comprehensive Viva Voce Completed
13.	Rani R	2024	4MC23PME02	Dr. Madhu P	Impact of Gamma Radiation on the Mechanical Behaviour of Natural Fiber Reinforced Hybrid Composites for Structural Applications	Course work completed
14.	Chandra K	2025	4MC24PME01	Dr. Srinath M S	Synthesis and behavioural studies of non-conventional polymer matrix composites developed for bio-medical applications	Applied for course work
15.	Rajesh T N	2026	4MC25PME01	Dr. Sharath B N	Influence of ceramic reinforcement on the mechanical and tribological behavior of three dimensional printed composites	New Registrant

ELECTRICAL AND ELECTRONICS ENGINEERING

Ph.D. (11)						
Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Arjun GT	2019	4MC19PEE07	Dr. N S Jyothi/ Dr. Mohanalakshmi J	Design and Implementation of Control Strategy for Induction motor-driven Electric Vehicle	Comprehensive Viva Voce Completed
2.	Varaprasad N L	2019	4MC19PEE04	Dr. S Rajanna	Development of Integrated Solar-Wind based Charging station for Plug-in Hybrid Electric Vehicles	Course work completed
3.	Neethu VS	2019	4MC19PEE06	Dr. N S Jyothi	Investigation on Impact of Electric Vehicles on Electric Grid	Course work completed
4.	G R Sowmya	2021	4MC20PEE03	Dr. S Rajanna	Standalone Grid Development of Integrated Renewable Energy System for Remote Electrification	Course Work Completed
5.	Pramodh H K	2021	4MC21PEE01	Dr. M Ramesh	Electrification of an area using Hybrid Renewable Energy System	Course work completed
6.	Ambika K	2024	4MC22PEE01	Dr. Ramesh M	Design and Analysis of Integrated Optic Devices for Sensing and Communication Applications	Applied for course work
7.	Pooja Suman	2025	4MC24PEE01	Dr. Kaveri K B	Performance enhancement of a stand alone hybrid renewable energy system	Course work completed
8.	Suchithra M M	2025	4MC24PEE02	Dr. Kaveri K B	Techno economic performance analysis of a hybrid renewable energy system	Course work completed
9.	Kirankumar Hittanagi	2025	4MC24PEE03	Dr. Rajanna S	Performance analysis of an optimized off-grid integrated renewable energy system for an engineering institute in Karnataka	Applied for course work
10.	Hemanth Kumar S	2026	4MC25PEE01	Dr. Gowri Shankar M/ Dr. Surekha Manoj	Investigations on artificial intelligence techniques based predictive energy management for reliable power system operation	New registrant
11.	Swathy B A	2026	4MC25PEE02	Dr. Gowri Shankar M/ Dr. Rajanna S	Investigations on computational intelligence techniques for energy management in virtual power plants	New registrant

ELECTRONICS AND COMMUNICATION ENGINEERING

Ph.D. (14)						
Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Sushma Sheshadri	2020	4MC20PEC02	Dr. Indira Bahaddur	Performance Analysis and Detection of EEG based Epileptic Seizures Using Machine Learning Techniques	Comprehensive Viva Voce Completed
2.	Meghashree B S	2023	4MC21PEC01	Dr. Venkateswara Rao Kolli	Design and Analysis of Photonic Devices for sensing and communication applications	Comprehensive Viva Voce Completed
3.	Tejaswini M R	2024	4MC22PEC04	Dr. Triveni C L	Design and analysis of photonic crystal based devices for optical sensing and communication applications	Applied for course work
4.	Sachin S Gowda	2024	4MC22PEC01	Dr. Keerthi D S	Efficient network slicing algorithms for IOT applications	Course Work Completed
5.	Sharath J	2024	4MC22PEC03	Dr. Murthi Mahadeva Naik G	Performance enhancement of a microstrip patch antenna using defected structures and meta materials for 5G applications	Comprehensive Viva Voce Completed
6.	Vijayakumar D R	2024	4MC22PEC05	Dr. Indira Bahaddur/ Dr. P C Srikanth	Quantum machine learning	Course Work Completed
7.	Sangeetha B S	2024	4MC22PEC02	Dr. Murthi Mahadeva Naik G	The enhancement of rectangular dielectric resonator antenna characteristics using stacking and perturbation technique for wireless applications	Course Work Completed
8.	Radhika K A (FT)	2024	4MC22PEC06	Dr. Venkateswara Rao Kolli	Design and analysis of fiber bragg grating for sensing applications	Comprehensive Viva Voce Completed
9.	Mitha D	2024	4MC23PEC01	Dr. Venkateswara Rao Kolli/ Dr. Santosh Kumar K B	Design analysis and optimization of integrated photonic based device for sensing and communication applications	Course Work Completed
10.	Dakshayini M R	2025	4MC24PEC01	Dr. Triveni C L	Photonics crystal based structural design analysis for bio sensing applications	Applied for course work
11.	Varshitha M	2025	4MC24PEC02	Dr. Santosh Kumar K B	Design analysis and optimization of integrated photonic based devices for communication applications	Applied for course work

12.	Divya G S	2025	4MC24PEC03	Dr. Keerthi D S/ Dr. P C Srikanth	Quantum cyber security	Applied for course work
13.	Hemanth Kumar D T	2025	4MC24PEC04	Dr. Triveni C L	Design and structural optimization of two dimension photonic crystal based MRR for elastic optical network	Applied for course work
14.	Shalini I	2023	4MC22PEC07	Dr. Ravikiran H K	Enhanced Animal Breed Recognition Through Deep Learning Models	Course Work Completed

AUTOMOBILE ENGINEERING

Ph.D. (06)						
Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Girish A R	2017	4MC17PMA03	Dr. Y M Shashidhara	Experimental Investigations on Tribological & Stability Characteristics of Formulated Vegetable Oils for Automotive Engine Operation	Comprehensive Viva Voce Completed
2.	Vijay R	2017	4MC17PMA02	Dr. Ravikumar K P	Condition Monitoring of an Engine Performance Through the Analysis of Contaminants in Engine Lubricant with Biofuels	Course work completed
3.	Jerome Anthony A	2017	4MC17PMA08	Dr. Y M Shashidhara	Studies on Tribological & Stability Behaviour of Formulated Vegetable Oils for Lubrication of Automotive Transmission System	Course work completed
4.	Nishchitha KM	2017	4MC17PMA01	Dr. Y M Shashidhara	Studies on Cup Drawing of Austenitic Stain steel and Aluminum Alloy Blanks using Formulated Vegetable Oils as Metal Forming Lubricant	Comprehensive Viva Voce Completed
5.	Sandeep S	2017	4MC17PMA05	Dr. Ravikumar K P	Investigation on Physical & Mechanical Characterization of Natural Fiber Reinforced Polymer Composites	Course work completed
6.	Vidyashree H R (FT)	2017	4MC18PAU03	Dr. M K Ravishankar	Studies on Mechanical & wear Behaviour of Jute-Epoxy composite filled with Nano fillers	Course work yet to be completed

COMPUTER SCIENCE AND ENGINEERING

Ph.D. (20)						
Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Prasanna K S	2011	4MC11PEN02	Dr. B Ramesh	Reliance Routing Techniques for Secure Routing in Mobile Ad Hoc Networks	Course work completed
2.	Chandrashekar H S	2015	4MC16PEJ07	Dr. Geetha Kiran A	Adaptive OFDM-MIMO Techniques for Wireless Sensors Networks	Comprehensive Viva Voce Completed
3.	Vasanth Kumar N T	2017	4MC18PCS01	Dr. Geetha Kiran A	Automatic 360-degree surround view generation from images obtained by multiple cameras in real time	Open Seminar 1 Completed
4.	Prema N	2021	4MC20PCS05	Dr. Geetha Kiran A	AI-Driven Moisture and Nutrient Analysis in Sugarcane Crop	Comprehensive Viva Voce Completed
5.	Kavya D	2021	4MC20PCS03	Dr. Geetha Kiran A	Multi person action recognition for smart surveillance	Course work completed
6.	Chandana H M	2024	4MC22PCS01	Dr. Ramesh B	Optimization techniques for green computing for maximize environmental sustainability using AI	Course work completed
7.	Yashaswini S	2024	4MC22PCS02	Dr. Keerthi Kumar H M	Design and development to detect autistic spectrum disorder using machine learning approaches	Course work completed
8.	Ayesha Siddiqha	2024	4MC22PCS03	Dr. Ramesh B	Developing AI based system to detect and mitigate social engineering attacks by analyzing human interaction patterns	Course work completed
9.	Rohit	2025	4MC24PCS01	Dr. Nanditha B R/ Dr. Geetha Kiran A	Development of portable low cost imaging modality for oral lesion detection	Applied for course work
10.	Chitra A R	2025	4MC24PCS02	Dr. Arjun B C	Automated medical imaging report generation using AI driven models	Applied for course work
11.	Sindhu Jain A	2021	4MC22PCS04	Dr. Arjun B C	Enhancing schizophrenia diagnosis through multi source neuro data using machine learning intelligence	Comprehensive Viva Voce Completed

12.	Divya H T	2026	4MC25PCS01	Dr. Ananda Babu J/ Dr. Balaji Prabhu B V	Robust deep learning based segmentation of pulmonary parenchyma in lung CT Slices	New registrant
13.	Mangala R	2026	4MC25PCS02	Dr. Kavyasri M N	Cloud based multi modal deep learning framework for lung cancer segmentation and classification	New registrant
14.	Nanditha S R	2026	4MC25PCS03	Dr. Arjun B C	Quantum AI based multimodal diagnostic optimization for early detection of ovarian cancer	New registrant
15.	Pallavi H S	2026	4MC25PCS04	Dr. Kavyasri M N	LLM federated learning model for E waste procurement estimation and forecasting	New registrant
16.	Prashanth G M	2026	4MC25PCS05	Dr. Ananda Babu J	AI driven detection of coronary artery disease from CT angiography using hybrid 3D deep learning modules	New registrant
17.	Sushma M V	2026	4MC25PCS06	Dr. C M Naveen Kumar	Certain analysis of physiological signals using artificial intelligence techniques	New registrant
18.	Usha M G	2026	4MC25PCS07	Dr. Ramesh B	Adaptive hybrid AI- swarm intelligence model for anomalous node detection and data security in multi cloud environment	New registrant
19.	Vedesh Kumar Ningaiah	2026	4MC25PCS08	Dr. Arjun B C	Quantum machine learning for network intrusion detection	New registrant
20.	Vishwas D B	2022	4MC21PCS05	Dr. Arjun B C	Internet of Things Vulnerability Assessment and Mitigation: An Integrated Framework Using Data Driven AI Techniques	Comprehensive Viva Voce Completed

INFORMATION SCIENCE AND ENGINEERING

Ph.D. (09)						
Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Manu G V	2022	4MC21PIS02	Dr. Ananda Babu J	Optimizing Intrusion Detection Systems Using Swarm Intelligence for Enhanced Cybersecurity	Comprehensive Viva Voce Completed
2.	Srikanth M S	2022	4MC21PIS01	Dr. Ananda Babu J	Intelligent cyberattack detection and classification system for IOT network	Comprehensive Viva Voce Completed
3.	Husna Bhanu	2024	4MC22PIS02	Dr. Balaji Prabhu B V	Enhancing retinal detachment using novel deep learning technique	Comprehensive Viva Voce Completed
4.	Harish B M	2024	4MC22PIS01	Dr. Balaji Prabhu B V	Design and development of integrated machine learning models for non-destructive pomegranate cultivation management	Comprehensive Viva Voce Completed
5.	Shruthi A S	2024	4MC22PIS03	Dr. Chandrika J	Early detection of asthma using machine learning techniques	Course work completed
6.	Kotra Naik D	2024	4MC23PIS01	Dr. Ananda Babu J	An intelligent vision framework for plant disease lesion analysis through deep learning based segmentation, severity quantification and explainable artificial intelligence	Comprehensive Viva Voce Completed
7.	Poornima S P (FT)	2024	4MC23PIS02	Dr. Balaji Prabhu B V	Maize crop detection using deep learning	Applied for course work
8.	Sindhu K S	2024	4MC23PIS03	Dr. Ananda Babu J	Intelligent histopathological image analysis for detection and classification of acute lymphoblastic leukaemia using deep learning	Comprehensive Viva Voce Completed
9.	Divya C	2025	4MC24PIS01	Dr. Ananda Babu J/ Dr. C M Naveen Kumar	Automatic optic disc segmentation for glaucoma diagnosis in retinal images using deep learning approach	Course work completed

MATHEMATICS

Ph.D. (8)						
Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Chidananda C N	2021	4MC20PMA02	Dr. Roopa G S	Nano fluid flow over a different geometry	Open Seminar 2 Completed
2.	Niharika Hegde M	2022	4MC21PMA01	Dr. Shashikumar N S	Thermal analysis of Non-Newtonian fluid flow over various geometry	Course work completed
3.	Pradyumna R	2022	4MC21PMA02	Dr. Roopa G S	Computational framework for boundary layer fluid flow and heat transfer over different geometries under coupled physical effects	Comprehensive Viva Voce Completed
4.	Shwetha R	2022	4MC21PMA03	Dr. Kalavathi G K/ Dr M G Vasundhara	Modelling and analysis of frequency-tunable SMA-based piezoelectric energy harvesters using tapered beams with and without tip mass	Comprehensive Viva Voce Completed
5.	Suma D	2024	4MC22PMA01	Dr. Shashikumar N	Flow and heat transport of Non-Newtonian fluid through a microchannel	Course work completed
6.	Ankitha K P	2024	4MC23PMA01	Dr. Roopa G S	Effective computational models for heat and mass transfer in magnetized fluid flows	Applied for course work
7.	Chandhini K S	2024	4MC23PMA02	Dr. Kalavathi G K	Analysis of isotropic and anisotropic in finite geometry	Applied for course work
8.	Thejaswini D T	2024	4MC23PMA03	Dr. Shashikumar N	Flow and heat transfer analysis of Newtonian/ Non-Newtonian fluid	Applied for course work

PHYSICS

Ph.D. (03)						
Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Chethan H V	2022	4MC21PPY01	Dr. S P Raju	Laser beam irradiation effects on structural and optical properties of polymer composites	Course work completed
2.	Dhanush Chandraguru H M	2022	4MC21PPY02	Dr. Hemaraju B C	Structural studies and modelling analysis of biologically important organic compounds	Open Seminar 1 Completed
3.	Girisha K R	2024	4MC23PPY01	Dr. Hemaraju B C/ Dr. Yashas Gowda T G	Synthesis characterization of crystal structure and DFT analysis of organic compounds	Course work completed

CHEMISTRY

Ph.D. (01)						
Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Chaithra N	2024	4MC23PCY01	Dr. Pradeep Kumar C B	Corrosion inhibition studies of organic compounds on mild steel in acidic medium	Course work completed