

LIST OF RESEARCH SCHOLARS

***YoR = Year of Registration**

CIVIL ENGINEERING

Ph.D. (07)

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.	Supriya M J	2017	4MC17PCA01	Dr. A J Krishnaiah	Evaluation of Engineering Properties of fine-Grained Expensive soil in Presence of Industrial Waste Bi-Products and other Additives for Road Construction	Open seminar 2 Completed
4.	Hemanth R	2019	4MC19PCV02	Dr. A J Krishnaiah	Development and durability studies on soil-based SCC	Course work completed
5.	Siri Hemanth	2022	4MC21PCV01	Dr. Vijay V	Sustainable Self Compacting Concrete	Applied for course work
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	Applied for course work
7.	Shamana B S	2024	4MC23PCV01	Dr. Manu K C	Application of digital image correlation for health assessment of concrete structures	New registrant

MECHANICAL ENGINEERING

Ph.D. (14)						
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	Comprehensive Viva Voce 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.	Banupriya	2018	4MC18PME02	Dr. Jeevan T P	Evaluation and prediction of mechanical and tribological behaviour of additively manufactured polymer matrix composites	Comprehensive Viva Voce Completed
7.	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
8.	Shivaraj Dharennavar	2021	4MC20PME03	Dr. Jeevan T P	Investigation on the Mechanical and Tribological Behavior of Bio Composites by fused Filament Fabrication	Course work completed
9.	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 Nonedible Vegetable Oil as Cutting	Comprehensive Viva Voce Completed
10.	Prashanth Sharma K R	2021	4MC20PME01	Dr. Laxmana Naik L	Development of Bio Based Polymer Composite for Printed Circuit Boards	Comprehensive Viva Voce Completed
11.	Charanakumar E	2023	4MC21PME01	Dr. Ezhil Vannan S	Experimental investigation and numerical analysis of loop heat pipe for electronic cooling devices	Applied for course work
12.	Naveen Kumar	2023	4MC21PME02	Dr. Ezhil Vannan	Experimental and numerical study on heat pipe	Applied for course

	B J			S	assisted phase change material for thermal storage system	work
13.	Manjunath H N	2024	4MC23PME01	Dr. Madhu P	Effect of Bio Waste Filler on Mechanical and Morphological Behavior of Natural and Synthetic Fibers Reinforced Hybrid Composites for Automotive Applications	New Registrant
14.	Rani R	2024	4MC23PME02	Dr. Madhu P	Impact of Gamma Radiation on the Mechanical Behaviour of Natural Fiber Reinforced Hybrid Composites for Structural Applications	New Registrant

ELECTRICAL AND ELECTRONICS ENGINEERING

Ph.D. (06)						
Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Arjun GT	2019	4MC19PEE07	Dr. N S Jyothi	Design and Implementation of Control Strategy for Induction motor-driven Electric Vehicle	Comprehensive Viva Voce Completed
2.	Varaprasad NL	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 yet to be completed
6.	Ambika K	2024	4MC22PEE01	Dr. Ramesh M	Design and Analysis of Integrated Optic Devices for Sensing and Communication Applications	New registrant

ELECTRONICS AND COMMUNICATION ENGINEERING

Ph.D. (10)

Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Ravikumar M N	2014	4MC15PEJ05	Dr. B R Sujatha	ECC for multimedia in wireless networks	Course work completed
2.	Basavaprasad	2020	4MC20PEC01	Dr. Venkateswara Rao Kolli	Photonic crystal resonators for sensing applications	Open Seminar 1 completed
3.	Meghashree B S	2023	4MC21PEC01	Dr. Venkateswara Rao Kolli	Design and Analysis of Photonic Devices for sensing and communication applications	Course work yet to be completed
4.	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
5.	Sachin S Gowda	2024	4MC22PEC01	Dr. Keerthi D S	Efficient network slicing algorithms for IOT applications	Applied for course work
6.	Sharath J	2024	4MC22PEC03	Dr. Murthi Mahadeva Naik G	Performance enhancement of a microstrip patch antenna using defected structures for fifth generation wireless mobile applications	Applied for course work
7.	Vijayakumar D R	2024	4MC22PEC05	Dr. Indira Bahaddur/ Dr. P C Srikanth	Quantum machine learning	Applied for course work
8.	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	Applied for course work
9.	Radhika K A (FT)	2024	4MC22PEC06	Dr. Venkateswara Rao Kolli	Design and analysis of optical devices for sensing and communication applications	Applied for course work
10.	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	New registrant

AUTOMOBILE ENGINEERING

Ph.D. (11)						
Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Prem Kumar B G	2015	4MC16PMJ08	Dr. M K Ravishankar	A study on the performance, emission characteristics of a diesel engine using esters of cotton seed and corn seed oils as fuel blends using fuel additives	Comprehensive Viva Voce Completed
2.	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
3.	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
4.	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
5.	Nishchitha K M	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
6.	Sathish Kumar	2017	4MC18PAU02	Dr. Basavaraju A N	Experimental investigation of performance characteristics, Combustion characteristics & emission analysis	Open Seminar 1 completed
7.	Nitin Dattatreya Kamitkar	2017	4MC18PAU01	Dr. Basavaraju A N	Experimental investigation, Combustion characteristics & emission analysis of 4 stroke CI engine.	Open Seminar 1 completed
8.	Sandeep S	2017	4MC17PMA05	Dr. Ravikumar K P	Investigation on Physical & Mechanical Characterization of Natural Fiber Reinforced Polymer Composites	Course work completed
9.	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
10.	Srinivas B N (FT)	2018	4MC19PAU01	Dr. M K Ravishankar	Performance study of single cylinder C.I. engine using fuel additives	Comprehensive Viva Voce Completed
11.	Pradeep K V (FT)	2019	4MC19PAU03	Dr. Ravikumar K P	Investigating the applicability of Michelin Champaca seed oil as an alternative to diesel and lubricant for CI engines	Open Seminar 2 completed

COMPUTER SCIENCE AND ENGINEERING

Ph.D. (11)						
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	Comprehensive Viva Voce Completed
4.	Sunitha P	2019	4MC19PCS01	Dr. Uma B	Yield enhancement by detecting micro nutrient deficiency in plants/crops- A machine learning approach	Thesis submitted
5.	Prema N	2021	4MC20PCS05	Dr. Geetha Kiran A	Moisture and nutrient analysis in Sugarcane and Paddy crops	Comprehensive Viva Voce Completed
6.	Kavya D	2021	4MC20PCS03	Dr. Geetha Kiran A	Multi person action recognition for smart surveillance	Course work completed
7.	Shobha Chandra K	2021	4MC20PCS06	Dr. Ramesh B	Energy Aware Cluster Head Selection for Improving Network Lifetime in Wireless Sensor Networks using Machine Learning Techniques	Course work completed
8.	Shruthi K R	2022	4MC21PCS03	Dr. Uma B	Hate Speech detection at finer level of granularity	Applied for course work
9.	Chandana H M	2024	4MC22PCS01	Dr. Ramesh B	Optimization techniques for green computing for maximize environmental sustainability using AI	New registrant
10.	Yashaswini S	2024	4MC22PCS02	Dr. Keerthi Kumar H M	Design and development to detect autistic spectrum disorder using machine learning approaches	New registrant
11.	Ayeesha Siddiqha	2024	4MC22PCS03	Dr. Ramesh B	Developing AI based system to detect and mitigate social engineering attacks by analyzing human interaction patterns	New registrant

INFORMATION SCIENCE AND ENGINEERING

Ph.D. (11)

Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Suhas K C	2021	4MC20PIS01	Dr. Ananda Babu J	A Multimodal early diabetic disease Identification using Machine learning over big data	Course work completed
2.	Vinaykumar V N	2021	4MC20PIS02	Dr. Ananda Babu J	Artificial Intelligence Based Methodologies for Crop Type Mapping and Yield Estimation Using Remote Sensing	Comprehensive Viva Completed
3.	Ganapathi Avabrath	2021	4MC21PIS03	Dr. Ananda Babu J	Proactive and reactive engagement of AI in Education	Yet to complete course work
4.	Manu G V	2022	4MC21PIS02	Dr. Ananda Babu J	Anomaly Based Intrusion Detection on IoT Networks Using Deep Learning	Applied for course work
5.	Srikanth M S	2022	4MC21PIS01	Dr. Ananda Babu J	Intelligent cyberattack detection and classification system for iot network	Applied for course work
6.	Husna Bhanu	2024	4MC22PIS02	Dr. Balaji Prabhu B V	Enhancing retinal detachment using novel deep learning technique	Applied for course work
7.	Harish B M	2024	4MC22PIS01	Dr. Balaji Prabhu B V	Enhancing pomegranate agriculture by disease prediction fruit quantification and quality evaluation using artificial intelligence	Applied for course work
8.	Shruthi A S	2024	4MC22PIS03	Dr. Chandrika J	Early detection of asthma using machine learning techniques	Applied for course work
9.	Kotra Naik D	2024	4MC23PIS01	Dr. Ananda Babu J	Advanced deep learning techniques for accurate identification of leaf diseases	New registrant
10.	Poornima S P (FT)	2024	4MC23PIS02	Dr. Balaji Prabhu B V	Maize crop detection using deep learning	New registrant
11.	Sindhu K S	2024	4MC23PIS03	Dr. Ananda Babu J	Acute lymphoblastic leukaemia detection using deep learning	New registrant

MATHEMATICS

Ph.D. (11)

Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	M. Somashekar	2019	4MC19PMA02	Dr. G K Kalavathi	Numerical Approach for the Study of Varying Porosity in a Finite Geometry	Course work completed
2.	Nagalakshmi R (FT)	2021	4MC20PMA03	Dr. G K Kalavathi	Spectral Graph Theory and Labeling	Open Seminar 2 Completed
3.	Chaithra C M	2021	4MC20PMA01	Dr. G K Kalavathi	Energy Harvesting	Course work completed
4.	Chidananda C N	2021	4MC20PMA02	Dr. Roopa G S	Nano fluid flow over a different geometry.	Course work completed
5.	Niharika Hegde M	2022	4MC21PMA01	Dr. Shashikumar N S	Thermal analysis of Non-Newtonian fluid flow over various geometry	Course work completed
6.	Pradyumna R	2022	4MC21PMA02	Dr. Roopa G S	Computational framework for heat dispersion in composite nanofluid over a slipped surface	Applied for course work
7.	Shwetha R	2022	4MC21PMA03	Dr. Kalavathi G K	Energy harvesting	Applied for course work
8.	Suma D	2024	4MC22PMA01	Dr. Shashikumar N	Flow and heat transport of Non-Newtonian fluid through a microchannel	Applied for course work
9.	Ankitha K P	2024	4MC23PMA01	Dr. Roopa G S	Effective computational models for heat and mass transfer in magnetized fluid flows	New registrant
10.	Chandhini K S	2024	4MC23PMA02	Dr. Kalavathi G K	Analysis of isotropic and anisotropic in finite geometry	New registrant
11.	Thejaswini D T	2024	4MC23PMA03	Dr. Shashikumar N	Flow and heat transfer analysis of Newtonian/ Non-Newtonian fluid	New registrant

PHYSICS**Ph.D. (04)**

Sl. No.	Name	YoR	USN	Guide/ s Name	Title	Status
1.	Poornima P	2021	4MC20PPY01	Dr. S P Raju	Modification of Electrical Properties of Polymer Nano composites using Nontangible Processing Techniques	Comprehensive Viva Completed
2.	Chethan H V	2022	4MC21PPY01	Dr. S P Raju	Laser beam irradiation effects on structural and optical properties of polymer composites	Course work yet to be completed
3.	Dhanush Chandraguru H M	2022	4MC21PPY02	Dr. Hemaraju B C	Structural studies and molecular modelling of some important heterocyclic compounds	Course work completed
4.	Girisha K R	2024	4MC23PPY01	Dr. Hemaraju B C/ Dr. Yashas Gowda T G	Synthesis characterization crystal structure and DFT analysis of organic compounds	New registrant

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	New registrant