

List of 2023 Batch - 1 Ph.D. Research Scholars

Batch 1: March 2023 – 24				
SI No.	Research Scholar	USN	Research Supervisor / Co – Supervisor	Title
1.	Ashwini E M	R23E01CS001	Dr. Neelambike S	The Effective usage of Cloud Computing and Securing the Cloud Infrastructure
2.	Dayanand Bhovi	R23E01CS002	Maheshwari Patil*	
3.	Manjula K	R23E01CS003	Dr. Rachana P G	Early Detection of Breast Cancer from Mammogram Images using Artificial Intelligence Approaches
4.	Rashmi S C	R23E01CS004	Dr. B N Veerappa*	Digital Linguistic Markers for Age and Gender Prediction from Chat Data for Online Safety
5.	Thippeswamy G N	R23E01CS005	Dr. Neelambike S	Predictive Maintenance with Intelligence Escation
6.	Usha N	R23E01CS006	Dr. B N Veerappa*	Enhancing Fetal Ultrasound Images for Growth Monitoring of Limbs and other organs using AI
7.	Akshata Chavan	R23E01EC001	Dr. Rajashekhar Somasagar	Implementation of Image based AI System for Multicrop Disease Detection and Diagnosis
8.	Deepika V B	R23E01EC002	Dr. Praveen J	Design and implementation of Low Power Voltage Controlled Oscillator (VCO) based ADC in 45nm, 90nm CMOS Technology for Biomedical Applications
9.	Gnanika I V	R23E01EC003	Dr. Kavitha K J	An Efficient Approach for Face Recognition using Vedic Mathematics on FPGA
10.	Jambukesh H J	R23E01EC004	Dr. Rajashekhar Somasagar	Development of POC Device for Pathogens and Bacteria Detection and Diagnosis
11.	Nishchitha K B	R23M01MB001	Dr. Basavaraju P S	Luxury brands and sustainability in Indian fashion industry
12.	Rashmi J	R23M01MB002	Dr. Keerthi S	An Empirical Study on the Impact of Entrepreneurial Leadership on the Performance of Small Medium Enterprises in Davanagere District
13.	Rubeena J	R23M01MB003	Dr. Basavaraj Swamy*	----

14.	Varsha Hiremath	R23M01MB004	Dr. K Jagadeswari	A Comprehensive Study on Role of Employee Engagement & Retention Strategies in Enhancing Performance in North Karnataka's Retail Stores
Batch 2: September 2024				
15.	Jayashree Nagappanavar	R24B02CH001	Dr. Santhosh B M	Electrochemical Investigation of Neurotransmitter by using Potential Metal-Oxide Nanocomposites
16.	Shamala H M	R24B02CH002	Dr. Veerabhadraswamy B N	Enhancing Nanoparticles to improve Treatment Efficiency and Reduce Side effects in Cancer Therapy
17.	Shreeroopa	R24B02CH003	Dr. V S Betageri	
18.	Kumaraswamy M E	R24B02PH001	Dr. Swaroop K	Synthesis and Characterization of PANI/PPY for Super Capacitor Applications
19.	Manjunatha D	R24B02PH002	Dr. Swaroop K	Synthesis Characterization of Polymer Nanocomposites for Gas Sensing Application
20.	Chetan Kumar G S	R24E02CS001	Dr. Veerappa B N *	A Hybrid Approach for Lung Cancer Classification using Deep and Transfer Learning Techniques and Validation using Explainable AI
21.	Kavyashree P N	R24E02CS002	Dr. Asha K	Develop a Predictive Model using XAI to forecast the movement of the Nifty-50 Index
22.	Prakasha Nelaganahalli	R24E02CS003	Dr. Veeragangadhara Swamy T M	IoT Based Vegetable Spoilage Detection using Methane Gas Sensors by Data Mining and Image Processing
23.	Varun K S	R24E02CS004	Dr. Rachana P G	Early Detection of Diabetic Retinopathy using AI-Powered Retinal Image Analysis
24.	Kiran Kumar C M	R24E02CE001	Dr. Varun B K	A Study on Subgrade Stabilization of Gravel, Loamy and Clayey Soil with GGBS, Copper Slag and Terrasil
25.	Subramanya P G	R24E02CE002	Dr. Harish B A	Microstructural Analysis and Strength Characteristics of Concrete with Aluminium Dross Ash as a cement Replacement
26.	Abhilash L N	R24E02EC001	Dr. Kavitha K J	Application of Vedic Mathematics in Liver Cancer Detection within Medical Image Processing
27.	Basavaraja A S	R24E02EC002	Dr. Rajashekhar Somasagar	Hybrid Deep Learning Model for Emotion Classification using Facial Expression Recognition
28.	Manjya Naik R	R24E02EC003	Dr. Praveen J	Design of Low Power-BIST based on Test Pattern Generation with Maximum Fault Coverage for VLSI Application Circuit
29.	Tanuja T	R24E02EC004	Dr. Kavitha K J	Optimizing Brain Cancer Diagnosis with Object Detection and Deep Learning Models

30.	Shilpa S K	R24E02EE001	Dr. Netravati U M	Performance Analysis of Sensor less Control using AI technique of BLPC motor for Vehicle Application
31.	Yasmin Begum	R24E02ME001	Dr. Bharath K N	Metal Matrix Composites of Failure Analysis
32.	Pallavi Bolakatti	R24B02ZL001	Dr. Prakash K K	Screening of Herbal Extracts for Potential use in Periodontitis Treatment
33.	Rekha C N	R24B02ZL002	Dr. Pavan K J	Optimizing Vermiculture Practices by Leveraging Earthworm Microbe Synergies
34.	Anusha S H	R24M02CM001	Dr. Shweta H S	Examining the Role of Work Environment in Shaping Job Satisfaction among Women Educators in Higher Education
35.	Kiran Kumar G K	R24M02CM002	Dr. Shweta H S	Assessing the Role if FinTech Adoption in Investment Decisions among Young Adults in Urban India
36.	Syeda Muskan Unnisa	R24M02CM003	Dr. Shweta H S	----
Batch 3: January 2025				
37.	Ashwini G T	R25E01CS001	Dr. Nasreen Taj	Hierarchical Multi-Scale Swin Transformer for Enhanced Handwritten Text Recognition
38.	Devraj H S	R25E01CS002	Dr. Shivanagowda G M	Cybersecurity Framework for Protecting Advanced Driver-Assistance Systems [ADAS] Against Emerging Threats
39.	Rekha M R	R25E01CS003	Dr. Neelambike S	A Scalable and Privacy-Preserving Authentication Scheme with Reduced Latency for Vehicular Communication
40.	Sindhu K S	R25C01CA001	Dr. Shweta Marigoudar	Real time face skin cancer detection on smartphone using edge AI and lightweight vision transformers
41.	Soumya Yattinahalli	R25E01CS004	Dr. Sunil Kumar B S	Edge AI driven Multimodal Deep Learning Framework for Precision Agriculture in Resource-Limited Environments Abstract
42.	Akash C Arakere	R25E01CE001	Dr. Varun B K	An experimental study of fiber reinforced concrete with Alccofine as a partial cement replacement
43.	Avinash H R D	R25E01CE002	Dr. Kiran Kumar H S	Studies on treatment of Electroplating industry wastewater by Electocoagulation
44.	Jagadeesh V Marabaraddi	R25E01CE003	Dr. Harish B A	Experimental study on Sustainable Fiber Reinforced Ferrock Concrete
45.	Pruthvi Rani K M	R25E01CE004	Dr. Hanumesh B M	Impact of Biomedical waste ash on the characteristics of concrete
46.	Meghana S	R25B01MM001	Dr. Onkarappa K S	Mathematical Modelling of Energy and Mass Transport in Laminar Boundary Layer Flow

47.	Megha A Hiremath	R25B01PH001	Dr. Swaroop K	UV- induced Fabrication of PVA/Chitosan Hydrogel Thin Films: Characterization and Analysis
48.	Sahil R	R25B01PH002	Dr. Swaroop K	Design and Development of Conducting Polymer Hydrogels for Multifunctional Sensing Applications
49.	Aishwarya M Goudar	R25B01CH001	Dr. Santhosh B M	Biomass derived electrochemical sensors for analysis of Pharmaceutical drugs
50.	Bhavana G M	R25B01CH002	Dr. Hareesha N	Development of carbon and metal based nanocomposite- efficient electrocatalyst for hydrogen evolution
51.	Nisha S P	R25B01CH003	Dr. Santhosh B M	Synthesis and characterization of Nano composite based electro catalyst for water splitting
52.	Manjunath Swamy K S	R25B01BY001	Dr. Aruna Charantimath	Phytochemical Characterization and Therapeutic Potential of Selected Medicinal Plants
53.	Kavya P Poojar	R25B01BT001	Dr. Gurumurthy H	Assessment of In Vitro and In Vivo Effects of Ocimum sanctum- Based Active Constituents on Sperm Functional and Molecular Events in Golden Hamster
54.	Ashwini H V	R25B01ZL001	Dr. Prakash K K	Neurobehavioral and lifespan effects of Perampanel and Azadirachta Indica extract in Drosophila ananassae
55.	Raveesh C	R25M01CM001	Dr. Shweta H S	Impact of GST compliances on MSMEs in Hassan District of Karnataka
56.	Darshan B N	R25M01MB001	Dr. Basavaraju P S	Marketing strategies for agriculture startups in Karnataka: exploring Government support and marketing challenges
57.	Lohit R Patil	R25M01MB002	Dr. Shreesha P V	Accessing Credit and Government Schemes by SMEs: Prospects and Problems in Select Tier 2 and Tier 3 Cities of Karnataka

* **Note:** Allocation of the new Research Supervisor to the Research Scholar is to be carried out as per the University norms.