

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

RESEARCH SUPERVISORS LIST AS ON FEBRUARY 2024

Sl. No.	Name of the Research Centre	Name of the Research Supervisor	Specialization
1	Chemistry	Dr. Ramakrishnappa T	Electrochemistry, Analytical chemistry and Battery technology
2		Dr. Jyothi C Abbar	Battery research and Electrochemical sensors
3		Dr. K Sureshkumar	Electro chemistry and Analytical Chemistry
4		Dr. Bincy Rose Vergis	-
5	Civil Engineering	Dr. Rajesh Gopinath	Environmental Engineering, Climate Change, Construction Materials, Water and Wastewater Engineering, Air and Noise Pollution, Land-use Mapping, Urban Ecology
6		Dr. Rajakumara H N	-
7		Dr. Chandrashekarappa Agasnalli	Geology, Geophysics, Remote Sensing and GIS, Water Resource Management, Geochemistry, Petrology, Mineralogy, Structural Geology
8		Dr. Anupkumar G. Ekbote	Geotechnical Engineering
9		Dr. Deepak M S	Structural Engineering
10		Dr. March M Bandi	-
11		Dr. Aruna G	-
12		Dr. Athiyamaan V	-
13	Computer Science and Engineering	Dr. Bharathi Malakreddy A	Wireless Sensor Networks, AI&ML
14		Dr. Thippeswamy G	Computer Vision and Pattern Analysis
15		Dr. Anupama H S	Artificial Intelligence, Machine Learning,
16		Dr. Anjan Krishnamurthy	Research work related to Network forensics and security, hadoop big data, open hybrid distributed systems
17		Dr. Usha B A	Information Security
18		Dr. Sathishkumar T	Compilers and cloud computing
19		Dr. Mahesh G	Computer Networks, Machine Learning, Compiler Optimization
20		Dr. Dhanalakshmi B K	-
21		Dr. Pradeep K R	1.Quantum machine learning is a research area that explores the interplay of ideas from quantum computing and machine learning.Quantum machine learning extends the pool of hardware for machine learning by an entirely new type of computing device—the quantum computer, 2.Healthcare analytics refers to the use of vast amounts of collected data to provide organizations with actionable insights. These insights are developed through analytical disciplines to drive fact-based decision making. In turn, these decisions improve planning, management, measurement and learning.
22		Dr. Arunakumari B N	Software Development, Artificial Intelligence, Machine Learning, Image Processing, IoT, Database Management System.
23		Dr. Bhuvaneshwari C Melinamath	NLP, AI
24		Dr. Rajesh I S	Medical image processing
25		Dr. Radhika K R	Data Mining and High dimensional Data
26		Dr.Vishwa Kiran	Internet of Things, Machine Learning, Artificial Intelligence, Cloud Computing
27		Dr. Arun Kumar B R	Computer networks and security, cyber security, AI/ML, data analytics, IPR and cyber law
28		Dr. Ashwini N	-
29	Electrical and Electronics Engineering	Dr. Narapareddy Ramarao	Electrical and Electronics Engineering
30		Dr. Madhu Palati	Currently Under me 2- General and 1 under Category have registered
31		Dr. Sanjay Lakshminarayanan	Power Electronics
32		Dr. Prashanth N A	Wind Power Systems
33	Electronics and Communication Engineering	Dr. G S Jayadeva	Microelectronics (Device Modelling, Low power VLSI)
34		Dr. M C Hanumantharaju	Design of hardware architectures for signal and image processing algorithms, computer vision, Register Transfer Level (RTL) Verilog coding, synthesis and optimization of Integrated Circuits (ICs), FPGA/ASIC Design.
35		Dr. A Shobha Rani	Networking
36		Dr. Ambika R	Network security, Underwater communication
37		Dr. Dankan Gowda V	Signal Processing, Vehicle Dynamics, Anti-lock Braking System.
38		Dr. Anil Kumar D	Embedded systems, autonomous vehicles, Image processing, AI and ML, NLP

Sl. No.	Name of the Research Centre	Name of the Research Supervisor	Specialization
39		Dr. Vijayalakshmi G V	-
40		Dr. Sabina Rahman	-
41		Dr. Asha K	-
42		Dr. Anitha V R	-
43	Electronics and Telecommunication Engineering	Dr. Seema Singh	Machine learning, embedded systems, Image processing
44		Dr. Raju Hajare	-
45		Dr. Sumathi M S	-
46		Dr. Banuprakash R	-
47	Information Science and Engineering	Dr. Manjunath T N	Data Mining and Big Data
48		Dr. S K Pushpa	Wireless Sensor Network, Machine Learning
49		Dr. Surekha K B	Internet of Things
50		Dr. Sheela Kathavate	Parallel Computing
51		Dr. Narasimha Murthy M S	Cloud Computing, Software Engineering
52		Dr. Shoba M	Wireless Sensor Network, Data Science, Internet of Things
53		Dr. Prakash G L	Cloud data security, Data science, Computer Networking, Algorithms
54		Dr. Mohan B A	Machine Learning and Deep Learning, Computer Network and Security, IoT security, Cloud Computing
55		Dr. Veena N	Machine Learning, Human Computer Interface
56		Dr. Rakesh N	Dr. N. Rakesh, his area of interest includes Computer Networks, VoIP security protocols, Virtual private networks, Wireless Communication, Wireless sensor Networks, the Internet of Things, Wireless Channel Modelling, Wireless Communication, and also exploring Machine Learning, and Deep Learning areas
57		Dr. Basavaraj G N	Wireless Sensor Network
58	Dr. Karthik S A	Machine Learning, Deep Learning, Data Analytics, Image Processing	
59	Dr. M V Sudhamani	-	
60	Master of Computer Applications	Dr. P. Ganesh	Cloud Computing, Big Data Analytics, Software Engineering
61		Dr. Aparna K	Machine Learning, Data Analytics
62		Dr. Niranjnath M	Data Science
63	Mathematics	Dr. Karabi Sikdar	Operations Research, Applied Statistics, Stochastic Processes and Computer Communication Systems, Queueing Theory: Discrete and Continuous times
64		Dr. Annamma Abraham	Computational Fluid Dynamics
65		Dr. Chethan A S	Fluid Mechanics
66		Dr. Annapoorna M. S.	Graph Theory
67		Dr. Kallur V. Vijayakumar	Numerical Methods
68		Dr. Arnab Bhattacharyya	Computational Fluid Dynamics, Heat & Mass Transfer, Numerical Simulation, Numerical Modeling, Nanofluid Flow, Peristaltic Transport
69		Dr. Priyanka Pal	Fuzzy Automata Theory, Category Theory, Rough Set Theory
70	Mechanical Engineering	Dr. H K Govindaraju	-
71		Dr. K.M. Sathish Kumar	1. Condition Monitoring: Structural Health Monitoring of various machine elements and prediction. 2. Advanced Manufacturing Systems
72		Dr. Keerthi Kumar N	Alternat Fuels, Heat Transfer, Turbines, DoE, Renewable Energy, 3D Printing, Combustion, Engines, Turbomachines
73		Dr. Ravichandra K R	Manufacturing Engineering, Automotive and Electric Vehicles Design, Lithium Battery Thermal Management
74		Dr. Nagamadhu M	Materials Science, Vacuum Technology, Metal Composites, Polymer Composites, Plasma Technology, Sintering Technology, Additive Manufacturing, Coating
75	Physics	Dr. Dhananjaya N	Materials Science - Nano-materials, synthesis, characterization and electrical, optical and biological properties
76		Dr. Daruka Prasad B	Materials Science in specific to Nanomaterials for various applications.
77		Dr. Basavaraj R B	Nanomaterials, Luminescence and Advanced Forensic Studies for multifunctional applications
78		Dr. C. Kavitha	Physics, physical chemistry, Raman spectroscopy, Electrochemistry, hybrid material synthesis