BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

RESEARCH SUPERVISORS LIST AS ON 05.07.2023

Sl. No.	Name of the Research Centre	Name of the Research Supervisor	Current Vacancy as on 5.7.2023	Specialization
1	Chemistry	Dr. Ramakrishnappa T	4	Electrochemistry, Analytical chemistry and Battery technology
2		Dr. Jyothi C Abbar	3	Battery research and Electrochemical sensors
3		Dr. K Sureshkumar	3	Electro chemistry and Analytical Chemistry
4		Dr. Bincy Rose Vergis	-	-
5		Dr. Jyoti Roy Choudhuri	Nil	Theoretical Physical Chemistry
6	Civil Engineering	Dr. Rajesh Gopinath	6	Environmental Engineering, Climate Change, Construction Materials, Water and Wastewater Engineering, Air and Noise Pollution, Land-use Mapping, Urban Ecology
7		Dr. Rajakumara H N	-	-
8		Dr. Chandrashekharappa Agasnalli	4	Geology, Geophysics, Remote Sensing and GIS, Water Resource Management, Geochemistry, Petrology, Mineralogy, Structural Geology
9		Dr. Anupkumar G. Ekbote	3	Geotechnical Engineering
10		Dr. Deepak M S	4	Structural Engineering
11	Computer Science and Engineering	Dr. Bharathi Malakreddy A	2	Wireless Sensor Networks, Artificial Intelligence for Healthcare, Internet of Things
12		Dr. Thippeswamy G	3	Computer Vision and Pattern Analysis
13		Dr. Sunanda Dixit	3	Image Processing, Computer vision, ML
14		Dr. Anupama H S	5	Artificial Intelligence, Machine Learning,
15		Dr. Anjan Krishnamurthy	4	Research work related to Network forensics abd security, hadoop big data, open hybrid distributed systems
16		Dr. Usha B A	5	Information Security
17		Dr. Sathishkumar T	2	Compilers and cloud computing
18		Dr. Mahesh G	1	Computer Networks, Machine Learning, Compiler Optimization
19		Dr. Dhanalakshmi B K	-	-
20		Dr. Pradeep K R	4	Quantum Machine Learning, Healthcare Analytics
21		Dr. Arunakumari B N	2	Software Development, Artificial Intelligence, Machine Learning, Image Processing, IoT, Database Management System.
22		Dr. Bhuvaneshwari C Melinamath	7	NLP, AI
23		Dr. Rajesh I S	2	Medical image processing
24		Dr. Radhika K R	4	Data Mining and High dimensional Data
25		Dr.Vishwa Kiran	4	Internet of Things, Machine Learning, Artifical Intelligence, Cloud Computing
26		Dr.Chandrashekhar B N	4	Hynd [CPU-GPU] computing, parallel computing, HPC computing , Machine learning. Computational geometry
27		Dr. Arun Kumar B R	5	Computer networks and secuirty, cyber security, AI/ML, data analytics, IPR and cyber law
28	Electrical and Electronics Engineering	Dr. Narapareddy Ramarao	4	Electrical and Electronics Engineering
29		Dr. Madhu Palati	1	Currently Under me 2- General and 1 under Category have registered
30		Dr. Sanjay Lakshminarayanan	5	Power Electronics
31		Dr. Prashanth N A	3	Wind Power Systems
32		Dr. G S Jayadeva	4	Microelectronics (Device Modelling, Low power VLSI)
33		Dr. M C Hanumantharaju	6	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.

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Sl. No.	Name of the Research Centre	Name of the Research Supervisor	Current Vacancy as on 5.7.2023	Specialization
34	Electronics and Communication Engineering	Dr. A Shobha Rani	3	Networking
35		Dr. Ambika R	4	Network security, Underwater communication
36		Dr. Dankan Gowda V	2	Signal Processing, Vehicle Dynamics, Anti-lock Braking System.
37		Dr. Anil Kumar D	7	Embedded systems,autonomous vehicles, Image processing, AI and ML, NLP
38		Dr. Vijayalakshmi G V	-	-
39	Electronics and Telecommunication Engineering	Dr. Seema Singh	3	Machine learning, embedded systems, Image processing
40		Dr. Raju Hajare	-	-
41		Dr. Sumathi M S	-	-
42		Dr. Banuprakash R	-	-
43	Information Science and Engineering	Dr. Manjunath T N	Nil	Data Mining and Big Data
44		Dr. S K Pushpa	3	Wireless Sensor Network, Machine Learning
45		Dr. Surekha K B	3	Internet of Things
46		Dr. Sheela Kathavate	4	Parallel Computing
47		Dr. Narasimha Murthy M S	6	Cloud Computing, Software Engineering
48		Dr. Shoba M	7	Wireless Sensor Network, Data Science, Internet of Things
49		Dr. Prakash G L	5	Cloud data security, Data science, Computer Networking, Alsorithms
50		Dr. Mohan B A	4	Machine Learning and Deep Learning, Computer Network and Security, IoT security, Cloud Computing
51		Dr. Veena N	6	Machine Learning, Human Computer Interface
52		Dr. Rakesh N	6	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
53		Dr. Basavaraj G N	4	Wireless Sensor Network
54		Dr. Karthik S A	4	Machine Learning, Deep Learning, Data Analytics, Image Processing
55		Dr. M V Sudhamani	-	-
56	Master of Computer Applications	Dr. P. Ganesh	5	Cloud Computing, Big Data Analytics, Software Engineering
57		Dr. Aparna K	4	Machine Learning, Data Analytics
58		Dr. Niranjanmurthy M	1	Data Science
59	Mathematics	Dr. Karabi Sikdar	5	Operations Research, Applied Statistics, Stochastic Processes and Computer Communication Systems, Queueing Theory: Discrete and Continuous times
60		Dr. Annamma Abraham	5	Computational Fluid Dynamics
61		Dr. Chethan A S	4	Fluid Mechanics
62		Dr. Annapoorna M. S.	4	Graph Theory
63		Dr. Kallur V. Vijayakumar	4	Numerical Methods
64		Dr. Arnab Bhattacharyya	4	Computational Fluid Dynamics, Heat & Mass Transfer, Numerical Simulation, Numerical Modeling, Nanofluid Flow, Peristaltic Transport
65		Dr. Priyanka Pal	4	Fuzzy Automata Theory, Category Theory, Rough Set Theory
66		Dr. Mohan Babu G N	-	-
67		Dr. H K Govindaraju	-	-

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	RESEARCH SUPERVISORS LIST AS ON 05.07.2023			
Sl. No.	**Name of the Research Centre**	**Name of the Research Supervisor**	**Current Vacancy as on 5.7.2023**	**Specialization**
68	Mechanical Engineering	Dr. K.M. Sathish Kumar	5	1. Condition Monitoring: Structural Health Monitoring of various machine elements and prediction. 2. Advanced Manufacturing Systems
69		Dr. Keerthi Kumar N	4	Alternat Fuels, Heat Transfer, Turbines, DoE, Renewable Energy, 3D Printing, Combustion, Engines, Turbomachines
70		Dr. Ravichandra K R	6	Manufacturing Engineering, Automotive and Electric Vehicles Design, Lithium Battery Thermal Management
71		Dr. Nagamadhu M	4	Materials Science, Vacuum Technology, Metal Composites, Polymer Composites, Plasma Technology, Sintering Technology, Additive Manufacturing, Coating
72	Physics	Dr. Dhananjaya N	2	Materials Science - Nano-materials, synthesis, characterization and electrical, optical and biological properties
73		Dr. Daruka Prasad B	1	Materials Science in specific to Nanomaterials for various applications.
74		Dr. Basavaraj R B	2	Nanomaterials, Luminescence and Advanced Forensic Studies for multifunctional applications
75		Dr. C. Kavitha	3	Physics, physical chemistry, Raman spectroscopy, Electrochemistry, hybrid material synthesis