



**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education**

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060, www. [jssateb.ac.in](http://jssateb.ac.in)



**Department of Information Science & Engineering**

**Research Guides and Areas Available for Ph.D Programs**

Sl. No	Research Guide	Area of Specialization	Remarks
1	Dr.D.V.Ashoka	Knowledge Engineering	2014 till date
2	Dr. Malini M Patil	Data Mining and Data stream mining	2015 till date Relieved on 21/10/2022
3	Dr.Dayananda P	Information Retrieval	2017 till date
4	Dr.Chayadevi M L	Knowledge Discovery in Medical Image Databases	2018 till date Relieved on 31/03/2022
5	Dr.Rekha P M	Cloud Computing	2020 till date
6	Dr.Nethravathi B	Computer Networks	2020 till date
7	Dr. Sowmya K.N	Digital Forensics, Computer Vision	2022 till date



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**Department Research Supervisors and Their Research Scholar Details**

Sl. No.	Name of the Guide	Name of the Research Scholar	Topic of the Research	RC/RRC details	University & Year of Registration	Status
1	Dr D.V Ashoka	Mr. Ajay Prakash B.V	Integration of data mining techniques in Agile methodologies	SJBIT	VTU/2010	PhD Awarded
		Mr. Bhat GeethaLakshmi Jayaram	Energy efficient data gathering techniques using multiple mobile elements in wireless sensor networks	SJBIT	VTU/2011	PhD Awarded
		Mr. Rekha B	Secure scalable and interoperable inter domain routing in heterogeneous magnets	Jain University	VTU/2012	PhD Awarded

Mr. Bharath M.B	A study on operating system resource virtualisation and performance measurement	VTU RRC	VTU/2012	PhD Awarded
Mr. Manjunath B.T	A Machine Learning approach for efficient Traffic Engineering in Mobile Ad-hoc Networks	JSSATEB	VTU/2014	Thesis Submitted
Mr. Abhilash C.B	An effective paradigm for Virtual Computing on Cloud Clusters	JSSATEB	VTU/2015	Cancelled and enrolled to IIIT Dharwad
Mr. Chethan R	Intelligent Agro-Ecological Zoning using Machine learning for Multi-crop suggestion and Prediction	JSSATEB	VTU/2019	Comprehensive viva Completed
Mrs. Basamma U Patil	Cross Domain Data Integration in Big Data Stream Computing	JSSATEB	VTU/2019	Comprehensive viva Completed
Mrs. Sridevi G.M	Enhancing Hashing Techniques for High performance computing	JSSATEB	VTU/2015	Comprehensive viva Completed
Ms. Rajatha	Computer Vision Diagnosis of Retina diseases using AI-ML	JSSATEB	VTU/2021	Registered

		Ms. Shilpashree S	Intelligent transport system using IoT	JSSATEB	VTU/2021	Registered
2	Dr.Dayananda P	Neelabika Hiremath	A Comprehensive Study of Molecular Data in Human Genome using Machine Learning Approach	JSSATEB	VTU/2017	Open Seminar 2 completed
		Anil B C	Knowledge discovery from medical image databases: Quantitative identification of liver cancer cells from elementary to advanced state	JSSATEB	VTU/2017	PhD Awarded
		Mrs. Apsara M.B	A secure Group Key Management Scheme for Data Gathering in Sensor networks	JSSATEB	VTU/2017	Cancelled due to health issue
		Niranjan E	Development and performance evaluation of object recognition algorithms	JSSATEB	VTU/2017	Thesis Submitted
		Mr. Vijaykumar G	A deep learning based approaches for predictive image analysis and sentimental analysis in social applications.	JSSATEB	VTU / 2021	Registered

		Mrs. Nithyashree B	Design of cryptography based security system for cloud computing.	JSSATEB	VTU/2021	Registered
3	Dr. Malini M Patil	Manjunath S	Study and Analysis of Image Forgeries by Traces of Resampling	JSSATEB	VTU/2015	Thesis Submitted
		Basavaraj Hiremath	A Cognitive Method for Sarcasm Detection in Multimedia Data	JSSATEB	VTU/2017	PhD Awarded
		Swetha Kaddi	Predictive Analytics of Clinical Data: A Comprehensive Approach.	JSSATEB	VTU/2017	Course Work Completed
		Anitha P	Supply Chain Data Analytics using Big Data: A Novel Approach	JSSATEB	VTU/2017	Thesis Submitted
		Krishna Aladi	Analysis of Drug Treatment for chronic Obstructive Pulmonary Disease using Deep Learning	JSSATEB	VTU/2018	five out of six course work Completed
		Rekha A Sidnekoppa	Soft Computing Techniques Based Medical Image diagnosis by Spatial and frequency features.	JSSATEB	VTU/2021	Registered

4	Dr Chayadevi M L	Shraddha	Hybrid approaches to Noise cancellation algorithm for speech recognition	JSSATEB	VTU/2018	Course Work Completed
		Ms. Anireekshita Narayana	A Novel approach for service discovery in cloud orchestrated SIOT using Machine Learning	JSSATEB	VTU/2021	Registered
		Ms. Latha S.S	Deep Learning Based Intrusion detection system for novel distributed denial of service attack in cloud storage application.	JSSATEB	VTU/2021	Registered
5	Dr. Rekha P.M	Sudha P R	Optimal workload allocation towards load balancing and secure data management in data centers.	JSSATEB	VTU/2021	Registered
		Punitha M	IoT based Predictive Maintenance Model for Smart City through Cloud Integration	JSSATEB	VTU/2021	Registered
6	Dr. Nethravathi B	Mr. Hitesh Kumar P	Human GAIT Recognition Under Multi- View Conditions	JSSATEB	VTU/2021	Registered



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**Department Faculties : Completed and Pursuing PhD Details after joining institution**

Sl. No.	Name of the Research Scholar	Name of the Guide	Topic of the Research	RC/RRC details	University & Year of Registration	Status
1	Dr. Chayadevi M.L	Dr. G.T Raju	Knowledge discovery from medical image databases: Detection and classification of TB and MP Smear images with their performance evaluation	RNSIT	VTU/2010	PhD Awarded in 2017 Relieved from service on
2	Dr. Malini M Patil	Dr. Srimani P K	A critical study of rule mining in data streams	Bharatiar University	Bharatiar University / 2010	PhD Awarded in 2016 Relieved from service on
3	Mrs. H.R Sumathi	Dr. C Vidya Raj	A Theoretical approach for analysing the multi-multi-partite correlations and their role in quantum channels	NIE, Mysuru	VTU/2010	CV Completed Relieved from service on

4	Mrs. Mamatha G	Dr. Prasad G.R	Design and implementation of obstacle avoiding rectilinear Steiner minimal tree (OARSMT) using reconfigurable Logic	BMSCE	VTU/2011	Course Work completed
5	Dr. Rekha P.M	Dr. M Dakshayani	Effective mechanisms to achieve high quality performance in cloud data centres	BMSCE	VTU/2011	PhD Awarded in 2019
6	Dr. Nagamani N P	Dr. Jayarekha	Effective methodologies for scalable cloud computing systems	BMSCE	VTU/2011	PhD Awarded in 2020
7	Dr. Nethravathi B	Dr. Kamalesh V.N	On design of topological structures of interconnection survivable computer communication networks	VTU RRC	VTU/2012	PhD Awarded in 2020
8	Dr. Sowmya K.N	Dr. H.R Chennamma	Statistical tools for video forensics	SJCE	VTU/2012	PhD Awarded in 2021
9	Anitha P	Dr. Malini M Patil	Supply Chain Analytics and Forecasting using Machine Learning Approach	JSSATEB	VTU/2017	Thesis Submitted Relieved from service on



10	Anil B C	Dr.Dayananda P	Knowledge discovery from medical image databases: Quantitative identification of liver cancer cells from elementary to advanced state	JSSATEB	VTU/2017	PhD Awarded in 2022 Transferred to CSE(AIML)
11	Mrs. Apsara M.B	Dr.Dayananda P	A secure Group Key Management Scheme for Data Gathering in Sensor networks	JSSATEB	VTU/2017	Cancelled due to health issue Relieved from service on
12	Mrs Nagashree S	Dr. B.S Mahanand	Machine learning approaches for clinical decision support in infectious diseases.	JSS S&T	JSS S&T / 2018	CV Completed
13	Mrs. Sahana V	Dr. Anil Kumar K	Web content mining: Classification of web documents	JSS S&T	JSS S&T / 2018	CV Completed
14	Sudha P R	Dr. Rekha P.M	Optimal workload allocation towards load balancing and secure data management in data centers.	JSSATEB	VTU/2021	Registered
15	Punitha M	Dr. Rekha P.M	IoT based Predictive Maintenance Model for Smart City through Cloud Integration	JSSATEB	VTU/2021	Registered