



JSS Mahavidyapeetha

**JSS Academy of Technical Education**

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060


www. Jssateb.ac.in



## FACULTY PROFILE

Department: Computer Science Engineering

### 1. Personal Details

NAME	Mrs. K S Rajeshwari	
DEPARTMENT	Computer Science Engineering	
DESIGNATION	Assistant Professor	
PHONE	9980145619	
EMAIL ID	<a href="mailto:ksrajeshwari@jssateb.ac.in">ksrajeshwari@jssateb.ac.in</a>	
Date of Joining (JSSATEB)	24-07-2000	

### 2. Experience

Total Experience in Years	Teaching: 23Years	Industry: Nil	Research: Nil
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### 3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E. / M.Sc.,	Computer Science Engineering	1997	SJMIT, Chitradurga , Karnataka INDIA	Kuvempu University, Shimoga Karnataka
M.E. / M.Tech. / M.Sc.	Computer Network Engineering	2009	BMS College of Engineering Bangalore 580002, Karnataka INDIA	VTU, Karnataka
Ph.D.	Wireless sensor Networks	Pursuing	DSATM, Bangalore 580002, Karnataka INDIA	VTU, Karnataka

### 4. Research & Publications:

Papers Published in other Journals	International: 3	National: -
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- i. Funds Received (Projects)
- ii. Patents
- iii. Consultancy

### 5. Awards Received:

## 6. Publications

### i. International Journals

N o.	Title of the paper	Author (s) Name	Affiliation of other Author (s)	Name of the Journal	Publisher of the Journal	Date of Acceptance: DOI
1	A Survey on various Fault tolerance deployment mechanisms in Wireless sensor networks	K.S Rajeshwari and Dr. Sumithra Devi	Dean Academics and ISE HOD DSATM, Bangalore	International Journal of Advanced Research	IJAR ISSN: 2320-5407 Int. J. Adv. Res. 8(12), 679-683	<a href="http://dx.doi.org/10.21474/IJAR01/12197">http://dx.doi.org/10.21474/IJAR01/12197</a> Vol 8. Dec2020
2	Fault Tolerance and Energy Efficient Multi Hop Clustering with Dual Base Stations in Large Scale Wireless Sensor Network	K.S Rajeshwari and Dr. Sumithra Devi	Dean Academics and Data Science, HOD DSATM, Bangalore	Springer Nature(Scopus Indexed)	SN Computer Science	<a href="https://doi.org/10.1007/s42979-023-01745-w">https://doi.org/10.1007/s42979-023-01745-w</a> (2023) 4:309
3	Energy Efficient and Node Density Based Dual Base Station Deployment for Large Scale Wireless Sensor Network	K.S Rajeshwari and Dr. Sumithra Devi	Dean Academics and Data Science, HOD DSATM, Bangalore	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING (Scopus Indexed)	IJISAE ISSN:2147-6799 IJISAE, 2023, 11(2), 627-634	<a href="https://ijisae.org/index.php/IJISAE/article/view/2780">https://ijisae.org/index.php/IJISAE/article/view/2780</a> Vol. 11, Issue 2, 2023

### ii. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Artificial Intelligence and Machine Learning Techniques for Precision Agriculture	AICTE ATAL FDP, CSE, JSSATE, Bengaluru	10-10-2022 to 21-10-2022(Two week)
2	AI and Data Science	NIT, Warangal and CSE, JSSATE, Bengaluru	20-06-2022 to 30-06-2022(Two week)
3	Artificial Intelligence	AICTE ATAL FDP and G Pulla Reddy Engineering College	1-2-2021 to 5-2-2021(one week)
4	An Overview of Teaching Techniques in Innovation & Design Thinking	VTU Human Resource Development Centre (VTU - HRDC)	6-12-2021 to 10-12-2021(one week)
5	Universal Human Values for DEEKSHARAMBH	AICTE-UHV	23-11-2020 to 25-11-2020(5 days)
6	FDP programme on "Python"	JSSATE, Noida	22-06-2020 to 5-7-2020(Two week)
7	Exemplary practice in Teaching-Learning and Evaluation of courses in Computer Science and information technology	VTU, Belgaum	03-08-2020 to 7-8-2020(one week)
8	Computer Research Techniques using MATLAB	NIT, Warangal	09-07-2018 to 24-7-2018(one week)
9	Research Methodology	KSTA, Bangalore	17-07-2017 to 18-07-2017(2 days)
8	Information Security and Research Challenges(ISRC)	NIT, Suratkal	25-01-2016 to 29-01-2016(one week)
9	Summer School on Design and Analysis of Efficient Computer Algorithms and its Application	NIIT University, Rajasthan	30-06-2015 to 05-07-2015(one week)
10	Computer Networking	IIT, Bombay	28-05-2014 to 05-07-2014(Two week)

### iii. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	Internship on “Mobile Application Development”	CSE	4-10-2022 to 30-10-2022	Organizer and Resource Person.
2	In house Faculty Development program on “Mobile Application Development”	CSE	5-04-2022 to 7-05-2022	Organizer and Resource Person.
3	Symposium on Linear Algebra and its Applications in Computer Vision	Department of Computer Science and Engineering	13-07-2016 to 16-07-2016	Programme committee
4	CSI Region 5 Students convention	Department of Computer Science and Engineering	10-03-2017 to 11-03-2017	Programme committee

#### 7. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Database Management System	NPTEL	March 2022	75%
2	Introduction to IOT and Embedded Systems	COURSERA	August 2020	98%
3	Programming in JAVA	NPTEL	November 2019/ Elite	74%

#### 8. Membership of Professional Bodies:

1. Life Membership in Indian Society for Technical Education ( MISTE)
2. Professional membership in Institute for Engineering and Research and Publication(IFERP)

#### 9. Irins Link: <https://jssateb.irins.org/profile/103321>

ResearcherID: W-3738-2018

GoogleScholar Link: dc2xsK8AAAAJ

Vidwan-ID : 103321

ORCID Link: <http://orcid.org/0000-0003-3373-9576>

Mrs. K S Rajeshwari  
Assistant professor  
JSS Academy of Technical Education  
Bangalore 560060