




JSS Mahavidyapeetha  
JSS Academy of Technical Education  
Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060  
www. Jssateb.ac.in



## FACULTY PROFILE

Department: Information Science & Engineering

### 1. Personal Details

NAME	Mrs B Gayathri Kamath	
DEPARTMENT	Information Science & Engineering	
DESIGNATION	Assistant Professor	
PHONE	+91 9886282882	
EMAIL ID	<a href="mailto:gayathrikamath@jssateb.ac.in">gayathrikamath@jssateb.ac.in</a>	
Date of Joining (JSSATEB)	01/12/2023	

### 2. Experience

Total Experience in Years	Teaching: 14 years	Industry: NIL	Research: 3 Years
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### 3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B. E	Computer Science & Engineering	2001	Manipal Institute of Technology, Manipal	Mangalore University
M.Tech	Computer Science & Engineering	2007	Vinayaka Mission, Salem	Vinayaka Mission University
Ph. D	Computer Science & Engineering	Pursuing	University of Visvesvaraya College of Engineering, Bangalore	Bangalore Univerisity

### 4. Research & Publications

Papers Published in Web of Science indexed Journals	International:01	National:NIL
Papers Published in SCOPUS indexed Journals	International:NIL	National:NIL
Papers Published in other Journals	International:NIL	National:NIL

Papers Presented in Conferences / Symposium	International:05	National:
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Books / Book chapters Published	Name of the book: Complete reference to Microprocessor Manual Publisher:Star-Tech Year of Publication: 2009
	Name of the book: Publisher: Year of Publication:

## 5. Research Guidance

PhD Guide? Give field & University	No	
PhDs / Projects Guided	Ph.D. Awarded: Guiding:	Projects at Master's Level: Projects at Bachelor's Level:

## 6. Grants

### i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
NIL				

### ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
	NIL	

### iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
NIL				

## 7. Awards Received

Sl. No	Awards
1	Received BEST PAPER AWARD at BHTC 2023 conference held at JSS Research Center, JSS Hospital, Mysuru.

## 8. Publications

### i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1.	A Comparative Study of Network Bandwidth Allocation Protocols for Data Center Networks in Cloud.	B Gayathri Kamath H S RameshBabu	International Journal of Computer Applications	2015	WOS	0.8	

### ii. National Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
	NIL						

### iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Performance Analysis of Real and Synthetic Data using Supervised ML Algorithms for Prediction of Chronic Kidney Disease.	Gayathri Hegde M, P Deepa Shenoy, Venugopal K R	International Conference on Electronics, Computing and Communication Technologies (CONECCT)	2022	Scopus		IEEE Xplore
2	Analysis of Secure EHR Storage Methods on Blockchain and Integrating ML to Predict Chronic Kidney Disease.	Gayathri Hegde M, Shrishti Bekal, Srinidhi Prasad, P Deepa Shenoy, Venugopal K R	2022 IEEE 7th International Conference on Recent Advances and Innovations in Engineering (ICRAIE)	Vol -7 2022	Scopus		IEEE Xplore
3	Application of Cryptography in Blockchain to Share EHR in Voting Mechanism for Second Opinion and Emergency in Healthcare”	Gayathri Hegde M, Shrishti Bekal, Srinidhi S Prasad, Priyanka G, P Deepa Shenoy, Venugopal K R,	IEEE BHTC -2023	2023			Presneted

4.	Preserving Privacy and Security of Electronic Health Records using Blockchain-based Federated Learning(BFL) Framework	Gayathri Hegde M, Shrishti Bekal M, P Deepa Shenoy, K R Venugopal,	IEEE R-10 HTC	2023			Presented
5.	A Comparative Study of Neural Network and Machine Learning on Privacy Preserving Federated Learning for Healthcare Applications	Gayathri Hegde M, P Deepa Shenoy, Venugopal K R	IEEE Technology and Engineering Management Society Conference: Asia-Pacific (TEMSCON)	2023			Accepted

#### iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	FDP in Quantum Computing Tools and its Applications	Dayanand Sagar University	13-17 <sup>th</sup> Feb, 2023
2	AICTE ATAL FDP on Blockchain Technologies and its Applications	Department of CSE, MIT, Manipal	6 <sup>th</sup> – 10 <sup>th</sup> Dec, 2021
3	AICTE ATAL FDP on Introduction to Deep Learning	UVCE, Bangalore	20th to 24th December 2021.

#### v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	CSI TECHNICAL SYMPOSIUM	Department of CSE, Acharya Institute of Technology, Bangalore	25/4/2018	CSI Coordinator
2	National Level 2-day workshop on Ethical hacking & Information Security	Department of CSE, Acharya Institute of Technology, Bangalore	28 & 29th September, 2011	CSI Coordinator
3	ICT workshop	Acharya Institutes	2010	Resource person
4	ICT workshop	Acharya Institutes	2009	Resource person
5	National Conference on Information Processing, Communication, Networking and Embedded Systems	Department of CSE, Acharya Institute of Technology, Bangalore	2009	Coordinator, Website design

#### vi. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organizer	Date
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**9. Details of NPTEL / COURSERA courses completed**

<b>Sl. No.</b>	<b>Name of the subject</b>	<b>Organized by</b>	<b>Date of completion / Award</b>	<b>Grade / Marks</b>
1	Blockchain and its Applications	Department of CSE, IIT Kharagpur	April 2022/Successfully Completed	50%

## 10. Membership of Professional Bodies:

IEEE, .Life Membership in Indian Society for Technical Education ( MISTE)
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## 11. Any other information you will like to share about your professional experience

- Worked as NAAC CRITERIA 4
- CSI Branch Counsellor

### **Mrs B Gayathri Kamath**

Assistant Professor

Information Science and Engineering

JSS Academy of Technical Education

Bengaluru - 560060