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. Mamatha G
DEPARTMENT	Information Science & Engineering
DESIGNATION	Assistant Professor
PHONE	+91 99800 05121
EMAIL ID	mamathag@jssateb.ac.in
Date of Joining (JSSATEB)	20-09-1999

2. Experience

Total Experience in Years	Teaching: 21 Years	Industry: Nil	Research: 09 Years

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E	Computer Science and Engineering	1996	Siddaganga Institute of Technology, Tumkur, Karnataka, INDIA	Bangalore University, Karnataka
M Tech.	Computer Network Engineering	2007	BMS College of Engineering, Bengaluru, Karnataka, INDIA	Visvesvaraya Technological University, Belagavi, Karnataka
Ph.D.	Faculty of Science & Technology	pursuing	Dept. of CSE, BMS College of Engineering, Bengaluru, Karnataka, INDIA	Visvesvaraya Technological University, Belagavi, Karnataka

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: -	National: -
Papers Published in SCOPUS indexed Journals	International: -	National: -
Papers Published in other Journals	International: 02	National: -
Papers Presented in Conferences / Symposium	International: 02	National: 01
Books / Book chapters Published	Name of the book: Publisher: Year of Publication:	

5. Research Guidance

PhD Guide? Give field & University		
PhDs / Projects Guided		

6. Grants

i. Funds Received (Projects)

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

ii. Patents

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

iii. Consultancy

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

7. Awards Received

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	"Smart Vehicular Communication: A Survey"	Sharan H S, Mamatha G, Prajwal U, Prathik R, Priya D S	International Journal of Engineering Research & Technology (IJERT)	NCAIT – 2020, Volume 8, Issue 15, 21-09-2020 ISSN (Online) : 2278-0181	-	7.87	IJERT
2	"Design approaches for Obstacle Avoiding Rectilinear Steiner Minimum Tree: A comparative study"	Mamatha G	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)	ISSN (Online) 2278-1021, ISSN (Print) 2319-5940, Volume 4, Issue 4, April 2015	-	4.582	IJARCCE

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

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	"Smart Vehicular communication for Road status analysis and Vehicle trajectory prediction"	Sharan H S, Mamatha G, Prajwal U, Prathik R, Priya D S	2020, Third International Conference on Smart Systems and Inventive Technology (ICSSIT), Tirunelveli, India	Oct 2020, INSPEC Accession no: 20032375 DOI: 10.1109/ICSSIT48917.2020.9214252	Scopus	10.52	IEEE
2	"Universal Semantic Web Assistant based on Sequence to Sequence Model and Natural Language Understanding"	S.V Prajwal, Mamatha G, Ravi P, D Manoj, Shri Krishna Joisa	2019, 9th International Conference on Advances in Computing and Communication (ICACC), Kochi, India	Feb 2020, pp. 110-115, doi: 10.1109/ICACC48162.2019.8986173.	Scopus	10.52	IEEE

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	FDP, " Microcontroller & Embedded Systems"	Dept. of ISE, JSSATE, Bengaluru	27th – 29th Jan 2020 (3 days)
2	FDP, "Emerging trends in Multi-core processor and Network on Chip architecture (NOC)"	Dept. of E&C,RVCE, Bangalore. in association with Mars Research lab, IIT, Guwahati	21st- 25th Jan 2019 (5 days)
3	FDP, "Machine Learning"	Dept. of CSE/ ISE, RNSIT, Bangalore	19TH – 21ST July 2018
4	"Data Sciences and Computer Networks", FDP	Dept. of CSE/ E&C, BMSCE, Bangalore	2nd to 6th Jan 2018 (1 week)
5	"Enhancing Pedagogical Skills", QIP-Short term course	JSSATE, Bangalore in association with NITTTR, Chennai. MHRD, Govt. of India	17th to 21st Jan 2017 (1 week)

v.   Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organiser	Date	Role
1	3rd National Conference on Advancements in Information & Technology (NCAIT-2017)	Dept. of ISE, JSSATE, Bengaluru	19th , 20th May 2017, (2 days)	Program Coordinator
2	Industrial visit to ISRO	Dept. of ISE, JSSATE, Bengaluru	2nd Nov 2016	Program Coordinator
3	Expert talk, "Entrepreneurial Motivation for ISE students ", Prof. Nanda Gopal, Chief Executive, Innovation & Incubation Center, JSSATE, Bengaluru	Dept. of ISE, JSSATE, Bengaluru	7th Mar 2017	Program Coordinator
4	Technical talk, "Mobile communication & 5G Evolution" , Sridhar T.R, Senior Product Line Manager, M/s VMWare, Bengaluru.	Dept. of ISE, JSSATE, Bengaluru	6th Mar 2019	Program Coordinator
5	Technical talk, "Evolution of Virtualization Technology and its future", Bharath M.B, Sr. Principal Solution Architect, M/s Dell EMC, Bangalore.	Dept. of ISE, JSSATE, Bengaluru	5th May 2019	Program Coordinator
6	Technical talk, "Power of Computer Networking", Ms. Aishwarya, Software Engineer, M/s Ruckus Networks, Bengaluru	Dept. of ISE, JSSATE, Bengaluru	20th Feb 2020	Program Coordinator

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

Sl. no.	Name of the workshop / Conference	Organiser	Date
1	Online Short Term Training Programme (STTP), "Research perspectives & Sustainable applications of Artificial Intelligence in Electrical Engineering", at Francis Xavier Engineering College, Tirunelveli	AICTE Training And Learning (ATAL) Academy, New Delhi	21st - 26th sep 2020, 1 week
2	Webinar, "Scientific writing for Journals"	Springer Nature, with VTU consortium, Belagavi, Karnataka	30th Sep 2020
3	Online FDP, "Electric Vehicles", at PSG College of Technology, Coimbatore	AICTE Training And Learning (ATAL) Academy, New Delhi	2020-8-24 to 2020-8-28, 1 week
4	Online FDP, "Sensors Technology" at St. Joseph's Institute of Technology, Chennai	AICTE Training And Learning (ATAL) Academy, New Delhi	2020-8-17 to 2020-8-21, 1 week
5	Online workshop, "Redefining customer experience with Augmented Reality (AR) and Virtual Reality (VR) "	TEQIP- III, Dept. of ISE, PES college of Engineering, Mandya	Aug 17- 21 2020, 1 week
6	Webinar , "Applications of Geo-informatics", by Karnataka Science and Technology Academy (KSTA) Department of Science and Technology,	Govt. of Karnataka & Regional Remote Sensing Centre (South), ISRO, Bengaluru	July 14 - 16, 2020, 3- Days Workshop
7	Online FDP, "Cyber Security" at BMS Institute of Technology and Management, Bengaluru	AICTE Training And Learning (ATAL) Academy, New Delhi	2020-9-7 to 2020-9-11, 1 week
8	3rd International conference on "Cognitive Computing and Information Processing" (CCIP-2017)	Dept. of CSE/ISE, JSSATE, Bengaluru. In association with Springer India	15th, 16th Dec 2017 (2 days)

vii. **Details of NPTEL / COURSERA courses completed**

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	"Computer Network & Internet Protocol", (12 weeks)	NPTEL, SWAYAM platform (swayam.gov.in)	Jan- Apr 2020	94%
2	"Theory of Computation", (08 weeks)	NPTEL, SWAYAM platform (swayam.gov.in)	Jul- Sep 2019	45%

viii. **Membership of Professional Bodies:**

1. Indian Society for Technical Education (LM- ISTE)
2. Computer Society of India (LM- CSI)

ix. **Any other information you like to share about your professional experience**

- Worked as Department level Main Coordinator for Quality Assurance by AICTE National Board of Accreditation (NBA) for three consecutive times, NBA '2006, NBA '2017, and NBA '2020.
- Worked as In- charge, HOD, for the Dept. of ISE, JSSATEB for 5 semesters (AY 2003- 2005)
- With the regular revision/ changing curriculum by University, Learnt new courses, improved teaching process on both offline and online mode
- Recommend and encourage UG students to publish their Main project paper in IEEE conference

Mrs. Mamatha G
Asst. Prof., Dept. of ISE
JSS Academy of Technical Education
Bangalore 560060