

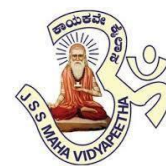


JSS Mahavidyapeetha

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	Dr. Prabhudev Jagadeesh M.P	
DEPARTMENT	Computer Science & Engineering	
DESIGNATION	Professor	
PHONE	+91 9886893897	
EMAIL ID	prabhudevjagadeeshp@jssateb.ac.in	
Date of Joining (JSSATEB)	01-10-2014	

2. Experience

Total Experience in Years	Teaching: 24 Years	Industry: Nil	Research: 15 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Computer Science & Engineering	1997	National Institute of Engineering, Mysore	University of Mysore
M.Tech.	Software Engineering	2001	Sri Jayachamarajendra College of Engineering, Mysore	VTU, Belagavi
Ph.D.	Faculty of Computer Science	2014	Department of Studies in Computer Science, University of Mysore, Mysore	University of Mysore

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 3	National:
Papers Published in SCOPUS indexed Journals	International: 2	National:
Papers Published in other Journals	International: 7	National: 01
Papers Presented in Conferences / Symposium	International: 5	National: 01
Books / Book chapters Published	Name of the book: Publisher: Year of Publication:	

5. Research Guidance

PhD Guide? Give field & University	Yes, Machine Learning Information Security	University: Visvesvaraya Technological University, Belagavi,
PhDs / Projects Guided	Ph.D. Awarded: 01 Guiding: 04	Projects at Master's Level: 10 Projects at Bachelor's Level: 45

6. Grants

i. Funds Received (Projects):

- Rs. 10 Lakhs sanctioned for the research proposal titled "Ubiquitous Precision Crop Management Using Agricultural IoT and UAV", by VTU under VTU-RGS in March 2022.
- Rs. 3 lakhs sanctioned for Faculty development program on "AI and ML Techniques for Precision Agriculture" by AICTE Training and Learning(ATAL) Academy in October 2022.

ii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Comprehensive Sensor Data Processing Engine for Heterogeneous Data	50,000	October 2017	6 months	Amphisoft Technologies Pvt. Ltd, Bengaluru

7. 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	Distributed Training of Deep Autoencoder for Network Intrusion Detection	Haripriya C, Prabhudev Jagadeesh	International Journal of Advanced Computer Science and Applications	Volume 14, issue 6, 2023	WOS		The Science and Information (SAI) Organization
2	An efficient autoencoder based deep learning technique to detect network intrusion	Haripriya C, Prabhudev Jagadeesh	International Transaction Journal of Engineering, Management, Applied Sciences & Technologies	Volume 13, 2022	WOS		

	detection						
3	Irrigation Practices and Soft Computing Applications: A Review	Pradeep H.K., Jasma Balasangameshwara, M.S. Sheshshayee, K. Rajan, Prabhudev Jagadeesh	Statistics and Applications	Volume 19, No. 2, 2021	WOS		Society of Statistics, Computers and Applications
4	Soil moisture based automatic irrigation system to improve water productivity	Pradeep H.K., Jasma Balasangameshwara, K. Rajan, Prabhudev Jagadeesh	Journal of AgriSearch	Volume 7, No.4, 2020			Society for Upliftment of Rural Economy
5	QoS Routing Based on Available Bandwidth for Mobile Ad hoc Network	Rajeev Kumar, Prabhudev Jagadeesh	International Journal of Engineering and Advanced Technology	Volume 8, Issue 5, 2019	Scopus		Blue Eyes Intelligence Engineering
6	Passive Bandwidth Estimation Enabled Routing Protocol for Mobile Ad Hoc Network	Rajeev Kumar, Prabhudev Jagadeesh	International Journal of Engineering Applied Sciences and Technology	Volume 4, Issue 6, 2019			IJEAST
7	A Novel Technique for Simultaneous Encryption of Multiple Images Using 3D Chaotic Permutation	Prabhudev Jagadeesh, P.Nagabhushan	International Journal of Engineering Research and Development	Volume 11, Issue 11, 2016			IJERD
8	A New Image Scrambling Scheme Through chaotic permutation and geometric grid based noise induction	Prabhudev Jagadeesh, P.Nagabhushan, Pradeep Kumar	International Journal of Computer Applications	Volume 78, Issue 4, 2014			IJCA

9	A novel perpetual image encryption scheme using geometric objects based Kernel	Prabhudev Jagadeesh , P.Nagabhushan, Pradeep Kumar	International Journal of Computer Science & Information Technology	Volume 5, Issue 4, 2013			IICSIT
10	A Novel Color Image Scrambling Technique Based on Transposition of Image-Blocks between RGB Color Components	Prabhudev Jagadeesh , P.Nagabhushan, Pradeep Kumar	International Journal of Research in Engineering & Advanced Technology	Volume 1, Issue 2, 2013			Pioneer Research & Development Group
11	A Novel Image Scrambling Technique Based on Information Entropy and Quad Tree Decomposition	Prabhudev Jagadeesh , P.Nagabhushan, Pradeep Kumar	International Journal of Computer Science Issues	Volume 10, Issue 2, 2013			IJCSI

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
1	Facial Emotion Recognition	Manisha, Aravind, Ankita, Mohan, Ayush	Journal of VLSI Design and Signal Processing	Volume 4, Issue 3, 2018			MAT Journals

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	A review of benchmark datasets and its impact on network intrusion detection techniques	Haripriya C, Prabhudev Jagadeesh	Fourth International Conference on Cognitive computing and information processing	2022	Scopus		IEEE
2	Irrigation systems automation using finite state machine model and machine learning techniques	Pradeep H.K, Prabhudev Jagadeesh, Sheshasayee, Desai Sujeet	Intelligent Computing and Communication	2019	Scopus		Springer
3	A collective Study of Data mining Techniques for the Big Health Data available from the Electronic Health Records	Pooja H, Prabhudev Jagadeesh	1 st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering	2019	Scopus		IEEE
4	A Survey on Image Fusion Techniques	Preethi S, Prabhudev Jagadeesh	Int. Conf. on Advances in Communication, Network & Computing	2018			Grenze Scientific Society
5	Cognitive Computing and Information Processing	Naghabhushan, Manjunath, Prabhudev Jagadeesh	Third International conference on Cognitive Computing and Information Processing	2018	Scopus		Springer
6	A Survey on Image Fusion Techniques	Preeti, Prabhudev Jagadeesh	Advances in communication, computing and Networking	2018			Grenze Scientific Society

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	Summer School on AI	IIT, Hyderabad	1 st – 30 th August 2023
2	FDP on ‘AI and Data Science’	NIT, Warangal	20 th – 30 th June 2022
	Workshop on Building Research Ecosystem (BRES) in JSS Technical Institutions	JSSATEB, Bengaluru	2 nd – 4 th March 2021
3	Research Frontiers in Intelligent Computing	BNMIT	June 25 th – July 3 rd 2020
4	ATAL FDP	UVCE	14 th -18 th October 2019
5	Workshop on Deep Learning and DevOps	Accenture	12 th -13 th Feb 2018
6	Workshop on Machine Learning and Data Analytics	IITA	20 th – 26 th June 2018
7	Workshop on Data Science	NTU India connect and DA-IICT	21 st -22 nd July 2017
8	Information Security & Research Challenges	NITK	25 th – 29 th Jan 2016
9	Cyber Forensics	JSSATE	25 th – 27 th Aug 2011
10	Signal and Image Processing	BNMIT	8 th – 10 th Jan 2014
11	Foundational Computer Science courses – An Industry perspective	Infosys, Mysore	12 th – 23 rd July 2004
12	Techno managerial skill sensitization to Technical Teachers	SJCE, Mysore	12 th to 28 th March 2003

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
1	FDP on “AI and ML Techniques for Precision Agriculture”	JSSATE, Sponsored by ATAL, New Delhi	October 10 th – 21 st 2022	Coordinator
2	3 rd International Conference on Cognitive Computing	JSSATE, Bengaluru	December 15 th – 16 th 2017	General Chair
3	Hackwell - Hackathon	JSSATE, Sponsored by Honeywell	April 2019, April 2022, June 2022	Convener
4	Codeathon	JSSATE, Sponsored by M/s. IamNeo	March 2023	Convener
5	CSI Regional Student Convention	JSSATE, Bengaluru	March 10 th – 11 th 2017	Organizing Chair
6	FDP on Machine Learning: Tools and Techniques	JSSATE, Bengaluru	December 17 th -21 st 2018	Convener
7	Symposium on Linear Algebra and its Application	JSSATE, Bengaluru	July 13 th -16 th 2016	Convener
8	Workshop on Emerging Trends in	JSSATE, Bengaluru	September 2016	Convener

	Cloud and Data Centers			
9	National conference on Research Frontiers in Computer Science	DBIT, Bengaluru	15 th - 17 th May 2014	Convener
10	Researchers Conclave on Machine Learning & Computational Intelligence	AIT, Coimbatore	7 th - 8 th Sept 2012	Coordinator

8. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Design and Analysis of Algorithms	NPTEL, Chennai Mathematical Institute, Madras	October 2019	Elite
2	Accreditation and outcome based learning	NPTEL, IIT, Kharagpur	October 2019	Elite
3	Internet of Things	NPTEL, IIT, Madras	April 2020	Elite
4	Design Thinking – A Primer	NPTEL, IIT, Madras	Feb 2023	Elite
5	Professional Development Program on 'Implementation of NEP-2020 for University and College Teachers'	IGNOU, New Delhi	May 2023	B

9. Membership of Professional Bodies:

Life Membership in Indian Society for Technical Education(MISTE)

IRINS Link : <https://jssateb.irins.org/profile/98739>

Scopus Link : <http://www.scopus.com/authid/detail.url?authorId=57201583948>

Google Scholar Link : <https://scholar.google.co.in/citations?user=tly16rgAAAAJ>

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