



JSS Mahavidyapeetha


JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060
www. Jssateb.ac.in



PROFILE

1. Personal Details

NAME	Dr. Sreenatha M	
DEPARTMENT	Computer Science and Engineering	
DESIGNATION	Assistant Professor	
PHONE	+91 9535520949	
EMAIL ID	srinatham@jssateb.ac.in	
Date of Joining (JSSATEB)	23-07-2012	

2. Experience

Total Experience in Years	Teaching: 15 Years	Industry: 5	Research: 7 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award and Class/Grade	INSTITUTION	UNIVERSITY
B.E.	Computer Science and Engineering	1998 First Class	UBDT College of Engineering, Davanagere, Karnataka INDIA	Kuvempu University, Shimoga, Karnataka
M.Tech.	Software Engineering	2002 First Class with Distinction	Sri Jayachamarajendra College of Engineering, Mysuru, Karnataka INDIA	Visvesvaraya Technological University, Belagavi Karnataka.
Ph.D.	Computer Science and Engineering	2023	JSS Academy of Technical Education, Bengaluru Karnataka INDIA	Visvesvaraya Technological University, Belagavi Karnataka.

4. Research & Publications

Papers Published in Web of Science indexed Journals	International:02	
Papers Published in SCOPUS indexed Journals	International:02	
Papers Published in other Journals	International:05	
Papers Presented in Conferences / Symposium	International:04	National: 01
Books / Book chapters Published	Name of the book: ICT for Competitive Strategies Publisher: Taylor and Francis, CRC Press Year of Publication: May 5 th , 2020 DOI https://doi.org/10.1201/9781003052098	

5. Research Guidance

PhDs / Projects Guided		Projects at Master's Level: 04 Projects at Bachelor's Level:12
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6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Design of Climate Smart Agriculture (CSA) based Surface Irrigation System to Improve Water Productivity: A study of select area of Karnataka	13,50,000/-	-	6 Months	ICSSR

7. Awards Received

1	Trail Blazers Award at BU level for the Best Team at Wipro Technologies.
2	Feather-In-Cap Award for being an Outstanding Individual Contributor at Wipro Technologies

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	Impact Factor	Publisher
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					s / Both		
1	A Fault Diagnosis Technique for Wind Turbine Gearbox: An Approach using Optimized BLSTM Neural Network with Undercomplete Autoencoder.	Dr. P B Mallikarjuna,	Engineering, Technology & Applied Science Research	vol.13(1), Feb 5 th 2023	WoS and Scopus	1.5	ETASR
2	Aircraft Gearbox Fault Diagnosis System: An Approach based on Deep Learning Techniques	Manjunatha S, Niranjan C Kundur	Journal of Intelligent Systems,	vol.30(1), Aug 15 th 2020	WoS and Scopus	0.557	De Gruyter
3	Analyzing Social Media Data in Educational Sectors using Data Mining Techniques	Manjunatha B Talawar, Prasad M R, Niranjan C Kundur	IJCSIT	ISSN: 0975-9646 Volume No. : 7 Issue : 4 Page No : 2125-2129	----		IJCSIT
4	A survey on Mining Statistical Analysis of Social Website Data using syntactic analysis and Hybrid Classification	Niranjan C Kundur, Rohithaksha K, Abhilash C B	IJCSIT	ISSN : 0975-9646 Volume No. : 6 Issue : 4	----		IJCSIT
5	Instant Access of Power usage through IP Enabled Electronic Power Meter	Sharanabasavana Gowda, Manjunath B Talawar, Dr.D V Ashoka.	International Journal of Engineering Research and Development	ISSN : 2278-800X Online ISSN : 2278-067X Issue : 3 Volume No. : 11 Month & Year : Mar 2015 Page No : 60-63	-----	----	IJERD

6	An Improved Approach to Minimize Context Switching in Round Robin Scheduling Algorithm using Optimization Techniques	Mahesh Kumar M R, Renuka Rajendra B, Niranjana C Kundur	International Journal of Research in Engineering and Technology (IJRET)	eISSN : 2319-1163 pISSN : 2321-7308 Volume No. :3 Issue :4 Month & Year : April 2014	-----	-----	eSAT
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ii. 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	Analysis of the interference after introduction of femto cell to the macro cell network in LTE using Optimization Techniques	Mahesh Kumar M R, Renuka Rajendra B, Niranjana C Kundur	ERCICA-2014	ISBN:9789351072621 August 2014 https://www.nmit.ac.in/ercica/pdf/ERCICA-2014-volume-II.pdf	Scopus		Elsevier
2	An Improved Approach to Avoid Indefinite Blocking/Starvation in Priority Scheduling Algorithm using Optimization Techniques	Mahesh Kumar M R, Renuka Rajendra B, Niranjana C Kundur	ERCICA-2014	ISBN:9789351072638 August 2014 https://www.nmit.ac.in/ercica/pdf/ERCICA-2014-volume-III-Lowres-pdfs-24thSep14.pdf	Scopus		Elsevier
3	Prediction of the length of the next CPU burst in SJF scheduling Algorithm using Dual Simplex Method	Mahesh Kumar M R, Renuka Rajendra B, Niranjana C Kundur	ICCTET-2014	ISBN:978-1-4799-7986-8 July -2014 DOI: 10.1109/ICCTET.2014.6966296	-----		IEEE
4	Communication	Mahesh	International	JSSN : 2249-2615			Seventh

and Implementation of Plug and Play Enabled Devices in Sensor Network	Kumar M R	I Journal of P2P Network Trends and Technology (IJPTT)	Volume No. : 3 Issue : 3 Month & Year : March 2013	-----	Sense Research Group (SSRG)
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iii. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	Five day faculty development program on "Thrust areas in Artificial Intelligence: A Multidisciplinary Approach"	JSS Academy Of Technical Education Department of ISE, Bengaluru-60	7-02-2022 to 11-02-2022
2	Two-Week Online Faculty Development Programme on "Machine Learning with Python"	E & ICT Academy, IIT Kanpur	24-08-2021 to 3-09-2021
3	Two-Week Online Faculty Development Programme on "Applied Data Science"	B. M. S. College of Engineering, Bengaluru	06-07-2020 to 17-07-2020,
4	Five Day FDP on " A DevOpps Approach: Dockers in Blockchain"	AMC Engineering College, Bengaluru	17-06-2020 to 21-06-2020
5	Webinar on " New Frontiers on Cloud Computing"	NIE, Mysuru	22-06-2020
6	Two-Days FDP on " Microcontroller and Embedded Systems"	ALVA'S Institute of Engg. Technology, Moodbidri.	24-01-2020 to 25-01-2020
7	One-Week FDP on "Big Data Analytics with Hadoop"	E & ICT Academy, NIT, Warangal at SDMIT, Ujjire.	07-01-2019 to 12-01-2019
8	One-week workshop on "Machine Learning & Data Analytics"	IIIT, Allahabad.	20-06-2018 to 26-06-2018

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

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	One week FDP on "Natural Language Processing" (AICTE/UGC/NBA)	MNIT, Jaipur	06-01-2020 to 10-01-2020
2	"Data Science and Classifications Practicing with Python and Matlab" (AICTE, ISTE)	JNNCE, Shivamogga.	16-07-2018 to 21-07-2018

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Introduction to Machine Learning	NPTEL	Jan-Apr 2021	Elite 61 %
2	Deep Learning	NPTEL	Sep-Dec 2020	Elite 60 %
3	Joy of Computing using Python	NPTEL	Jan-Apr 2020	95 %
4	Python for Data Science	NPTEL	Aug_Sep 2019	Elite 66 %

10. Membership of Professional Bodies:

1. Life Membership in Indian Society for Technical Education (MISTE)
2. Life member in International Association of Engineers(IAENG)

11. Any other information you will like to share about your professional experience:

Worked in BHEL, Electronics Division, Bangaluru as a Project Engineer on Automation of Power Plants from Jan,2005 to Dec,2006

Worked in Wipro Technologies, Bangaluru.as a Software Engineer on HP-Diagnostics from Dec,2006 to Aug,2009.

Irins Link : <https://jssateb.irins.org/profile/101788>

Scopus Link : [04GR19EAAAAJ](https://orcid.org/04GR19EAAAAJ)

Google Scholar Link: [04GR19EAAAAJ](https://scholar.google.com/citations?user=04GR19EAAAAJ)