



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



### FACULTY PROFILE

Department: Computer Science and Engineering

#### 1. Personal Details

NAME	Dr. Naidila Sadashiv	
DEPARTMENT	Information Science and Engineering	
DESIGNATION	Professor	
PHONE	+91 9900114849	
EMAIL ID	<a href="mailto:naidila@jssateb.ac.in">naidila@jssateb.ac.in</a>	
Date of Joining (JSSATEB)	30-09-2019	

#### 2. Experience

Total Experience in Years	Teaching: 23 Years	Industry: Nil	Research: 10 Years
---------------------------	--------------------	---------------	--------------------

#### 3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E. / M.Sc.,	Computer Science and Engineering	2000	B.V.B.C.E.T, Hubli, Karnataka INDIA	Karnatak University, Dharwad, Karnataka
M.E. / M.Tech. / M.Sc.	Computer Science and Engineering	2006	Dr. A.I.T, Bangalore, Karnataka INDIA	Visvesvaraya Technological University, Karnataka
Ph.D.	Cloud Computing	2018	U.V.C.E., Bangalore, Karnataka INDIA	Bangalore University Bangalore, Karnataka
Post Doc.	-			

#### 4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 02	National: 00
Papers Published in SCOPUS indexed Journals	International: 03	National: 00
Papers Published in other Journals	International: 05	National: 00
Papers Presented in Conferences / Symposium	International:09	National: 01
Books / Book chapters Published	Name of the book: Publisher: Year of Publication:	
	Name of the book: Publisher: Year of Publication:	

#### 5. Research Guidance

PhD Guide? Give field & University	Yes	a. Fog Computing, VTU
PhDs / Projects Guided	Ph.D. Awarded: Nil Guiding: 2	Projects at Master's Level: 6 Projects at Bachelor's Level: 24

#### 6. Grants

##### i. Funds Received (Projects)

Project Name	Grant Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Cloud Computing based Rural and Mobile Health Care System	5 Lakhs	30/05/2020	1 Year	VGST
FDP on Distributed Computing and Virtualization	2 Lakhs	2013	Four Days	VTU-VGST
A Summarization Tool for YouTube Video Transcript	4,000	2024	1 Year	ART-Park, IISc, KSCST
Automatic Identification Of Helmetless Motorcyclist By License Plate Number Recognition Using Traffic Surveillance Video	5,000	2022	1 Year	KSCST

ii. **Patents**

Sl. No	Title Details	Details of award of patent / Filed
1	A METHOD AND SYSTEM FOR AUTOMATED AERIA HARVESTING OF AGRICULTURAL PRODUCTS USING DRONES	Filed
2	A METHOD, SYSTEM AND BICYCLE FOR ENHANCING BICYCLE SAFETY WITH INTEGRATED MULTI-DOMAIN THREAT DETECT	Filed

iii. **Consultancy**

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

7. **Awards Received**

<b>Awards “Best Paper Award”</b>	1. Received “Best Paper Award” for the research paper Entitled “Cloud Capacity Planning and HSI based Optimal Resource Provisioning” at IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT 2017), Coimbatore, 2017.
	2. Received “Best Paper Award” for the research paper Entitled “Hybrid Spot Instance based Resource Provisioning Strategy in Dynamic Cloud Environment”, at International Conference on High Performance Computing and Applications (ICHPCA - 2014), Bhubaneswar, 2014.
	3. Best Paper Award in the 9th National Conference on Advancements in Information Technology (NCAIT-2023), Bengaluru, India, May 2023.

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	Abstractive and extractive based youtube transcript summarization: a hybrid approach	Naidila Sadashiv, Aneesha Krishna, Geetha S, Akash Reddy	Indonesian Journal of Electrical Engineering and Computer Science	Vol. 40, No. 3, December 2025			Institute of Advanced Engineering and Science
2	Cardless Transactions Using Three - Factor	Ammineni Mayukha, Naidila Sadashiv, Konjeti	JSS Journal of Scientific Studies	Volume: 2, Issue: 1, Pages: 52-55, 2023	-	-	JSSATE

	Authenticati on	SriManjun ath, Nara Akshaya, Pamula Bharghav					
3	Load Balancing in Fog Computing: A Detailed Survey	S. Kavitha, Naidila Sadashiv, Dilip Kumar S. M	International Journal of Computing and Digital Systems	Pages 729- 750, 2023	Scopus		UoB
4	Land Registry using Blockchain in India	Ankith S, Kishore K, Yash G, Naidila Sadashiv	JSS Journal of Scientific Studies	Volume: 1, Issue: 1, Pages: 63- 68, 2022	-	-	JSSATE
5	An Artificial Intelligence Based Approach for Increasing Agricultural Yield	Naidila Sadashiv, Ankur Garg, Avinash Kumar, Ashwani Verma, Chandan Adhikari, S M Dilip Kumar	Indian Journal of Science & Technology <b>DOI: 10.17485/IJ ST/v14i1.19 77.</b>	Volume: 14, Issue: 1, Pages: 8-21, 2021	-	-	Indian Society for Education and Environme nt
6	A Baye's Theorem Based Node Selection For Load Balancing In Cloud Environment	Naidila Sadashiv and Dilip Kumar S M	International Journal on Cloud Computing: Services and Architecture	Vol. 7, No. 1, pp. 1-8, Feb. 2017	-	-	
7	Fault tolerant scheduling methods in cloud based 5G networks	Yashaswi, R., Naidila Sadashiv,	International Journal of Innovative Technology and Exploring Engineering	Vol.-8 No- 10, 2019	WoS/Scopu s		BEIESP
8	Broker-based Resource Management	Naidila Sadashiv and Dilip Kumar S M	International Journal of High Performance	Vol. 12, No. 1, pp. 94-109, 2018	WoS/Scopu s	0.4	Inderscienc e

	in Dynamic Multi-Cloud Environment		Computing and Networking (IJHPCN)				
9	Classification of Resource Management and Pricing Models in Cloud Computing	Naidila Sadashiv and Dilip Kumar S M	International Journal of Advances In Computer Science and Cloud Computing	Vol. 2, No. 2, Page 56 - 6020, 14	-	-	

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	Intelligent Document Query Hub — A Holistic Solution for Efficient PDF Information Retrieval and Extraction,	Usha, N. H. Shahapure and N. Sadashiv	3rd International Conference on Data Science and Network Security	2025	Scopus		IEEE
2	YouTube Transcript Summarization Using Abstractive and Extractive Approaches	A. K. Maiya U, A. R. V, G. S and Naidila. Sadashiv	Second International Conference on Advances in Information Technology (ICAIT)	2024	Scopus		IEEE
3	Swaasthya Sampathee: Blockchain based EHR Framework	Naidila. Sadashiv and V. S. G	IEEE International Conference on Industry 4.0 Technology	2022	Scopus		IEEE
4	Survey Paper on Blockchain Based	Yash Gupta,	IEEE International Conference on	2021	Scopus		IEEE

	Cloud Computing Applications	Ankit Shrivastava, Kishore Kunal, Naidila Sadashiv, Dilip Kumar S M	Computer Communication and Informatics (ICCCI)				
5	Cloud Capacity Planning and HSI based Optimal Resource Provisioning"	Naidila Sadashiv, Dilip Kumar S M and R S Goudar	IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT 2017)	2017	WoS/Scopus		IEEE
6	A Study of Workow Management System in the Cloud Environment	Naidila Sadashiv and Prerana K A	IEEE International Conference on Energy, Communication, Data Analytics and Soft Computing, (ICECDS 2017)	2017	WoS/Scopus		IEEE
7	Hybrid Spot Instance based Resource Provisioning Strategy in Dynamic Cloud Environment	Naidila Sadashiv, Dilip Kumar S M and R S Goudar	IEEE International Conference on High Performance Computing and Applications (ICHPCA-2014)	2014	WoS/Scopus		IEEE
8	Priority based Resource Allocation and Demand based Pricing Model in Peer-to-Peer Clouds	Naidila Sadashiv, Dilip Kumar S M and R S Goudar	IEEE International Conference on Advances in Computing, Communications and Informatics (ICACCI-2014)	2014	WoS/Scopus		IEEE
9	Cluster, Grid and Cloud Computing: A Detailed Comparison	Naidila Sadashiv, Dilip Kumar S M	IEEE International Conference on Computer Science and Education (ICCSE-2011)	2011	WoS/Scopus		IEEE
10	Hybrid Spot Instances to	Dharamendra	National Conference on	2012			

Enhance Reliability with Minimum Monetary Cost for Cloud Computing	Chouhan, Naidila S Patil and S M Dilip Kumar	Computer Networks and Soft Computing				
--	--	--------------------------------------	--	--	--	--

iv. **Workshops /Conferences Attended**

Sl. No.	Name of the workshop / Conference	Organizers	Date
1	Innovation and Design Thinking	RNSIT, Bangalore	14/10/2025
2	A Five day HPC Synergy: Elevating AI with High-Performance Parallel Computing	Indian Institute of Information Technology(IIT), Sri City, Chittoor	July 22–26, 2024.
3	Deep Learning and Generative AI Immersion.	The Indian Institute of Technology Dharwad (IIT Dharwad)	June 15th to 30th 2024 (Six Days Weekend)
4	CESIM SUMMIT 2.0, on Artificial Intelligence and Changing Learning Dynamics	Cesim Business Simulations	17th April 2024.
5	Train the Trainer Program on Creating Microsites on Infosys Springboard	Infosys	31/8/2021 to 2/8/2021
6	ATAL FDP-Block chain	SYED AMMAL ENGINEERING COLLEGE	22-2-2021 to 26-2-2021
7	ATAL FDP-Artificial Intelligence	Manipal University Jaipur	8-2-2021 to 12-2-2021
8	ATAL FDP-Data Sciences	Dr.Ambedkar Institute of Technology	1-2-2021 to 5-2-2021
9	FDP on Program on Academia Industry Interaction, Avenues in Funded Projects and Enterpreneursip	REVA, Bengaluru	8/1/2021 to 13/1/2021
10	“5-day online FDP on Universal Human Values for DEEKSHARAMBH	NIT Patna	23/11/ 2020 -27/11/ 2020
11	NCAIT-2020 - Invited	JSSATEB	7/8/2020
12	FDP on Application Layer Protocols for IoT	J N N College Of Engineering,Shivamoga	04-08-2020

13	Blockchain Basics	Coursera, University of Buffalo	10/07/2020
14	Machine Learning Foundations: A Case Study Approach	Coursera University of Washington	10/7/2020
15	Women Rights under Constitution” and “Vishaka Guidelines on Sexual Harassment	Visvesvaraya Technological University, Belagavi	04th July 2020
16	Five Days Webinar series on Research Frontiers In Intelligent Computing	Dept. of CS&E BNMIT, Bengaluru	25th June 2020 to 3rd July 2020
17	Cyber Security Conference	Aegis School of Data Science and Cyber Security	27/06/2020
18	FDP on Python Programming	Govt. College for Women, Kolar	05/06/2020 to 11/06/2020
19	Atal FDP on Cyber Security		09-12-2019 to 13-12-2019
20	Fifteenth International Conference on Information Processing (ICInPro) – 2019- Invited	University Visvesvaraya College of Engineering (UVCE).	20/12/2019
21	WIECON ECE 2019 - Invited	Bangalore	11/11/2019
22	Google Cloud OnBoard Application Development	Bangalore	28/11/2019

v. **Workshops / Conference (Orgained)**

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
1	“Transformers and Large Language Models: The Backbone of ModernAI”	Skill Lab, Dept. of ISE, JSSATEB	05-12-2025	Coordinator
2	“Empowering Entrepreneurs: Support and Skill Growth”	Dept. of ISE, JSSATEB	05-12-2025	Convener
3	Inauguration of First Year Post Graduate Programs – MCA, MBA & M.Tech (AY -2025-26)	CICC, JSSATEB	22-11-2025	Coordinator
4	Unmute the Debate: Unfiltered, MUN Club	Dept. of ISE, JSSATEB	21-11-2025	Coordinator
5	International Conference on Intelligent Computing and Communication Systems	JSS Academy of Technical Education	18th, 19th & 20th September , 2025	Track Chair and Session Chair
6	Significance of AI in Operating Systems	Dept. of ISE, JSSATEB	27-07-2025	Coordinator
7	OPEN DAY – Project Exhibition	Dept. of ISE, JSSATEB	03/05/2025	Coordinator

8	An introduction to Natural Language Processing 2) Business beyond Profit	Dept. of ISE, JSSATEB	15/04/2025	Coordinator
9	BYOB - "Be Your Own Boss" for Girls, MAC3 for Boys Personality Development Program	CICC, JSSATEB	04/04/2025	Convener
10	International Women's Day Celebration	CICC, JSSATEB	13/12/2024	Convener
11	Menstrual Cup Awareness	CICC, JSSATEB	13/12/2024	Convener
12	MAC3 Personality Development Program	P&G, Whisper and Gillette India - CICC, JSSATEB	14th June 2024	Coordinator
13	Workshop on Internet of Things (IoT) using Arduino: A Hands-on approach	JSS Academy of Technical Education	12th June 2024	Coordinator
14	Personality Development Program	P&G, Whisper and Gillette India - CICC, JSSATEB	29th April 2024	Coordinator
15	Two Days Workshop on Deep Learning Techniques	JSS Academy of Technical Education	Feb 17th, 2024 and Feb 24th, 2024	Coordinator
16	Python as a Career	JSS Academy of Technical Education	19th August 2023	Coordinator
17	Cloud Computing: Event Driven Architecture	JSS Academy of Technical Education	24th June 2023	Coordinator
18	Women's Day Celebration	CICC, JSSATEB	08/03/2023	Convener
19	Introduction to Front End Engineering	JSS Academy of Technical Education	24/1/2023	Coordinator
20	Gender Sensitization Programme for Boys and Girls	CICC, JSSATEB	10/12/2022	Coordinator
21	Poster making competition	CICC, JSSATEB	10/12/2022	Coordinator
22	2nd National Conference on Recent Advancements in Computer Engineering (RACE)	JSS Academy of Technical Education	24/6/2022	Coordinator
23	Iskcon Visit	JSS Academy of Technical Education	21/5/2022	Coordinator
24	Women's Day Celebration	CICC, JSSATEB	8/03/2022	Convener
25	Breast Cancer Awareness Program	CICC, JSSATEB	05-03-2022	Convener
26	Webinar on Management and Entrepreneurship skills	JSS Academy of Technical Education	29/1/2022	Coordinator
27	Application of Engineering Principles at Twitter	JSS Academy of Technical Education	24/7/2021	Coordinator
28	Webinar on Gender sensitization for Boys	CICC, JSSATEB	17/07/2021	Convener

29	Webinar on Gender sensitization for Girls	CICC, JSSATEB	16/07/2021	Convener
30	Carrier in Cyber Security	JSS Academy of Technical Education	2/07/2021	Coordinator
31	Women's Day Celebration	CICC, JSSATEB	8/03/2021	Convener
32	Everyday Wellness With Yoga & Meditation for Youth	CICC, JSSATEB	27/02/2021	Convener
33	Effects of Pandemic and Adapting the Change (New Normal) – Coping and Resilience	CICC, JSSATEB	21/11/2020	Convener
34	Cloud Native (Dockers, Kubernetes and Containers)	JSS Academy of Technical Education	17/10/2020	Coordinator
35	Cyber Security and Trends	JSS Academy of Technical Education	23/5/2020	Coordinator
36	Cyber Crimes and Digital Forensics - Webinar	JSS Academy of Technical Education	21/5/2020	Coordinator
37	Women's Day Celebration	CICC, JSSATEB	10/03/2020	Convener
38	Embracing Industry 4.0 - Cyber Security	JSS Academy of Technical Education	08/03/2020	Coordinator

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

s

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	Foundations of Quantum Computation	MNIT Jaipur under the EICT Academy initiative.	July 11 – August 2, 2025 (2 hours per day)
2	One day training on Sexual harassment (Prevention, Prohibition and Redressal) Act 2013 (POSH Act)	AICTE	26/7/2025
3	Six Days AICTE-ATAL IDEA Lab Advanced Faculty Development Programme	AICTE-ATAL	8th - 13th July 2024
4	Advanced Topics in Network Security and Cryptography	SERB sponsored, NITK, Surathkal	30-05-2022 to 05-06-2022
5	One week FDP on Intelligent Edge Computing Techniques for Diverse Applications" ..	AICTE sponsored S TTP, RIT, Bangalore	02/11/2020 to 07/11/2020
6	Cyber Security Workshop	AICTE-ATAL, UVCE	09/12/2019 to 13/12/2020
7	AICTE MHRD STTP on Cloud Computing And Virtualization	NITK, Suratkal	2010

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

<b>Sl. No.</b>	<b>Name of the subject</b>	<b>Organised by</b>	<b>Date of completion / Award</b>	<b>Grade / Marks</b>
1	Big Data Computing	NPTEL	20/11/2025	91%
2	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	21/11/2025	88%
3	<b>Accreditation and Outcome Based Learning</b>	NPTEL	24/11/2024	
4	Machine Learning Foundations: A Case Study Approach	COURSERA	10/07/2020	
5	Blockchain Basics	COURSERA	10/07/2020	
6	Google Cloud Platform – s6 Courses	COURSERA	01/07/2019	

10. **Membership of Professional Bodies:**

1. Life Membership in Indian Society for Technical Education – (LMISTE), No. LM69787
2. Life Member, International Association of Engineers (IAENG), No. 115160
3. Member, Institute of Electrical and Electronics Engineers (IEEE), No. 92583028
4. Member, Association for Computing Machinery (ACM), No. 0142247
5. Computer Society of India (CSI), No. F8004542

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

- a) Served as Board of Examiner member, VTU for the year 2024-25.
- b) Board of Examiner for the year 2025-26 Odd Semester at CSE, BMS Institute of Technology and Management.

**Dr. Naidila Sadashiv**  
**Professor**  
**Dept. of Information Science and Engineering**  
**JSS Academy of Technical Education**  
**Bangalore 560060**