FACULTY PROFILE

Department: Information Science &Engineering

1. **Personal Details**

NAME	**Mrs. Sudha P.R**
DEPARTMENT	**Information Science & Engineering**
DESIGNATION	**Assistant Professor**
PHONE	**+91 9008649066**
EMAIL ID	**sudhapr@jssateb.ac.in**
Date of Joining (JSSATEB)	**15-06-2006**

2. **Experience**

Total Experience in Years	Teaching: 20 Years	Industry: Nil	Research: Nil

3. **Qualifications**

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Computer Science & Engineering	2004	SRSIT, Bangalore	Visvesvaraya Technological University, Belagavi,
M.Tech.	Computer Science & Engineering	2012	SJCIT, Chikkaballapur	Visvesvaraya Technological University, Belagavi,
Ph.D.	Computer & Information Sciences	Pursuing Ph.D	Research Center : JSSATE Bangalore.	Visvesvaraya Technological University, Belagavi,

4. Research & Publications

Papers Published in other Journals:	International: **09**	National: **-01**	Book Chapter-**01**

    i. Funds Received (Projects)

    ii. Patents

    iii. Consultancy

5. Awards Received: - NIL-

6. Publications
    i. International Journals

No.	Title of the paper	Author (s) Name	Affiliation of another Author (s)	Name of the Journal	Publisher of the Journal	Date of Acceptance: DOI
1	Traffic Control Management System for Emergency Vehicles	Sharath S Rao, Vishnu B V , Sudha P.R , Rekha P.M	Dept of ISE, JSSATE, Bangalore	TELEMATIQUE	Univ Rafael Belloso Chacin, Centro Investig & Desarrollo Tecnol & Ing	2023
2	Water Moth Search Algorithm-based Deep Training for Intrusion Detection in IoT	Dr Rekha P M , Dr Nagamani N Purohit Mrs Punitha M Mrs Sudha P.R	Dept of ISE, JSSATE, Bangalore	Journal of Web Engineering	River Publishers	2021 DOI: https://doi.org/10.13052/jwe1540-9589.2064
3	Load Balancing Algorithms and Simulation Tools in Cloud Environment	Mrs Sudha P R, Dr Rekha P M	Dept of ISE, JSSATE, Bangalore	CiiT International Journal of Networking and Communication Engineering	CiiT	2021
4	A Survey on MapReduce, Hadoop and YARN in Handing Big Data	Mrs Sudha P R	Dept of ISE, JSSATE, Bangalore	International Journal of Advance Research in computer Science and Software Engineering	IJARCSSE	2016

No.	Title of the paper	Author (s) Name	Affiliation of another Author (s)	Name of the Journal	Publisher of the Journal	Date of Acceptance: DOI
1	Impact of Native Language to English Translator using Image Processing	Sudha P R , Arjun Raja Y , Ashika Bhandary , Chaitra , Aditya,	Dept of ISE, JSSATE, Bangalore	Journal of VLSI Design and Signal Processing	MAT Journals	2019

iii. **Conferences**

No.	Title of the paper	Author (s) Name	Affiliation of another Author (s)	Name of the Journal	Publisher of the Journal	Date of Acceptance: DOI
1	Priority-Aware Service Broker Virtual Machine Allocation Policy using SDN	Mrs Sudha P R, Dr Rekha P M	Dept of ISE, JSSATE, Bangalore	IEEE Xplore	IEEE Xplore	2022 10.1109/CONECCT5567 9.2022.9865109.
2	Conversion of sign language to text for deaf and dumb	Poorvi Desai , Preksha Mohre , Soumya Bani , Varada S Naik , Sudha P.R	Dept of ISE, JSSATE, Bangalore	International Journal of Engineering Science Invention	IJESI	2022
3	A System to Monitor the Adherence to the Standard Covid 19 Protocols	Manish U, Md Farhan Khan, Mrs. Sudha P.R	Dept of ISE, JSSATE, Bangalore	International Journal of Engineering Science Invention	IJESI	2022
4	Survey on Automatic Tonic Identification of Indian Art Music		Dept of ISE, JSSATE, Bangalore	CiiT International Journal of Digital Signal Processing	CiiT	2021

iv. **Book Chapters**

No.	Title of the paper	Author (s) Name	Affiliation of another Author (s)	Name of the Journal	Publisher of the Journal	Date of Acceptance: DOI
1	Smart Power Management in Data Centers Using Machine-Learning Techniques	Dr D V AShoka, Dr. Rekha P M, Mrs Sudha P R	Dept of ISE, JSSATE, Bangalore	Taylor & Francis	Taylor & Francis	https://doi.org/10.1201/97 81003407959

v. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	One-week FDP on Artificial Intelligence and Emerging Technologies	Department of Computer Science and Engineering, JSS Science and Technological University	18-03-2025 to 22-03-2025
2.	21 days AI -Master class	Skill desire	24-7-2024 to 23-08-2024
3.	2 days FDP on Sustainable Development goals	Dept of Management Studies, JSSATEB(offline)	28-06-2024 to 29-06-2024
4.	3 weeks Women entrepreneurship development program on Sustainable & Eco-friendly Products, Digital & E Commerce Businesses	JSSATEB- STEP& NSTDEB	07-02-2024 to 24-02-2024
5.	Innovative Teaching Methodology-A creative Pedagogy	D. Y. Patil College of Engineering, Akurdi	31-07-2023 to 04-08-2023
6.	One Week AICTE–VTU Joint Teachers Training Programme on Introduction to Internet of Things (IoT)	AICTE – VTU	17-04-2023 to 21-04-2023
7.	Two-week Faculty Development Programme on "Opportunities and challenges in entrepreneurship"	STEP, JSSATEB in association with CIR (Online)	18-7-2022 to 31-7-2022
8.	Two-week Faculty Development Programme on "Embedded Systems"	organized by NIT Warangal and IIITDM Kurnool	16-8-2022 to 25-8-2022
9.	1 week FDP, "Amazon Web Services", online mode	Organized by T. JOHN INSTITUTE OF TECHNOLOGY, Bangalore, in collaboration with Brainovision Soln India Pvt.Ltd & AICTE	22-8-2022 to 27-8-2022
10.	5 Days FDP, "Intellectual Property Rights"	organized by JSSATE, Bangalore in collaboration with CIPAM, DPIIT, Ministry of Commerce and Industries, GoI	12-9-2022 to 16-9-2022
11.	FDP on "NEP-2020-Touching the Iceberg"	Dept of management studies, JSSATEB(offline)	9/9/2022
12.	ISEA workshop on "Secure Systems Engineering"	Organizedby IIT, Guwahati & JSSATEB(Offline)	2/6/2022
13.	1 week AICTE FDP on" Cyber Crime and Forensic tools"	Ministry of Human resource development & National Institute of Technical Teachers training and Research Chandigarh.	23-05-2022 to 27-05-2022
14.	1 week Teachers Training Program on "An Overview of Teaching Techniques in Social Connect & Responsibilities"	(VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli,Chikkaballapur	07-03-2022 to 11-03-2022
15.	1 week Teachers Training Program on "Universal Human Values - An Overview"	(VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli,Chikkaballapur	02-03-2022 to 06-03-2022
16.	1 week RDP on "Problem Formulation publication, Proposal & Thesis Writing"	Alvas Institute of Engg & Technology Moodbidri & IIITA & CSI	7-02-2022 to 12-02-2022
17.	ACTE-ISTE approved programme on "Pedagogical Techniques and Tools for Technical Education in the new Normal"	Murugappa Polytechnic College, Chennai, Tamilnadu	30-12-2021 to 05-01-2022
18.	Two weeks FDP on "Opportunities and Challenges in Entrepreneurship"	STEP, JSSATE, Bangalore	15-3-2021 to 27-3-2021
19.	"Building Research Eco-System"	JSSATE, Bangalore	02-03-2021 to 04-03-2021.
20.	ATAL-FDP on "Cloud Forensics: Techniques, Challenges and Research Directions"	National Institute of Technology Sikkim.	18/10/2021 to 22/10/2021
21.	ATAL-FDP on "Fog and Edge Computing Challenges and Research Directions"	National Institute of Technology Sikkim.	26/10/2021 to 30/10/2021
22.	Short term Courseon "Recent advances in Network Security & Block Chain	IIT Indore	7-12-2020 to 12-12-2020

	Technology"		
23.	ATAL FDP on "Cyber Security"	SJCE, Mysore	23-11-2020 to 27-11-2020
24.	FDP on "Emerging trends & Applications of Artificial Intelligence".	IIT Indore	10-8-2020 to 14-8-2020
25.	FDP on "Expert view & Analysis of Online Education Tools".	Dr. Panjab Rao Deshmukh Polytechnic,Amravati	27-7-2020 to 31-7-2020
26.	Webinar on "Research Methodology & Data Analysis" .	KSTA, Govt. of Karnataka	17-6-2020 to 20-6-2020
27.	FDP on "Cloud Technologies"	SJBIT, Bangalore	18th-23rd Jan 2016
28.	Short term course on "Computer Vision and Pattern Recognition".	16th to 20th June 2014	NIT Durgapur, West Bengal

vi. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	5 days FDP on "DevOps and Generative AI"	Dept. of ISE, JSSATE, Bangalore	3-2-2025 to 7-2-2025	Program Coordinator
2	4th IEEE International Conference CCIP-2022	Dept. of ISE 7 CSE(AI & ML), JSSATE, Bangalore	23-12-2022 and 24-12-2022	Organizing Chair
3	NCAIT-2022	Dept. of ISE, JSSATE, Bangalore	16-6-2022 and 17-6-2022	Coordinator
4	Student Development Program-Fun With C	Dept. of ISE, JSSATE, Bangalore	17-10-2022 to 21-10-2022	Resource Person
5	"Five day Faculty Development Program on Intellectual Property Right and Trademark"	Dept. of ISE 7 CSE(AI & ML), JSSATE, Bangalore	12-9-2022 to 16-9-2022	Coordinator
6	NCAIT-2017	Dept. of ISE, JSSATE, Bangalore	19-5-2017 and 20-5-2017	Coordinator
7	Workshop on "Mobile App Development"	Dept. of ISE,CSE, JSSATE, Bangalore	30-8-2019 and 31-8-2019	Coordinator

7. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade
1	Cryptography & Network Security	MHRD	April 2020	93%
2	5 weeks Coursera Course on Oracle Cloud Infrastructure Foundations	ORACLE	May 18-2022	
3	1 week Getting Started with Data Analytics on AWS	AWS	Apr 25, 2022	

8. Membership of Professional Bodies:

1.	**Life Membership in Indian Society for Technical Education (MISTE)**

9. Irins Link : https://jssateb.irins.org/profile/98682

   Researcher ID :S-3348-2018

   GoogleScholar Link : XGG-k30AAAAJ

   Vidwan-ID : 98682

   ORCID Link : 0000-0001-8639-9611

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