

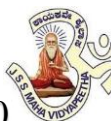


JSS Mahavidyapeetha

# JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060


www.Jssateb.ac.in



## FACULTY PROFILE

### Department of CSE(AI&ML)

#### 1. Personal Details

NAME	Dr. Chandana C	
DEPARTMENT	CSE(AI&ML)	
DESIGNATION	Assistant Professor	
PHONE	+91 9538818006	
EMAIL ID	<a href="mailto:chandana.c@jssateb.ac.in">chandana.c@jssateb.ac.in</a>	
Date of Joining (JSSATEB)	12-05-2023	

#### 2. Experience

Total Experience in Years	Teaching: 16 Years	Industry: Nil	Research: 05Years
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#### 3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Computer Science & Engineering	2008	Coorg Institute of Technology, Kodagu.	VTU
M.Tech	Computer Science & Engineering	2014	SJC Institute of Technology, Bengaluru.	VTU
Ph.D.	Computer Science & Engineering	2025	REVA University.	REVA University.

#### 4. Research & Publications

Papers Published in Web of Science indexed Journals	International: Nil	National: Nil
Papers Published in SCOPUS indexed Journals	International: 02	National: Nil
Papers Published in other Journals	International: 03	National: Nil
Papers Presented in Conferences / Symposium	International: 01	National: 02

## 5. Grants

### i. Patents

Sl. No.	Title Details	Details of award of patent / Filed
1.	Image Processing based paddy leaf disease detection using Adaboost classifier2021- Co-inventor.	Published

## 6. 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	An Efficient Machine Learning Regression Algorithm using Naïve Bayes Classifier for Crop Yield Prediction and Optimal Utilization of Fertilizer	Chandana C, Parthasarathy G.	IJPE	Year 2022 Vol. 18, Issue (1): 47-55. ISSN: 0973-1318.	Scopus	0.437	IJPE
2	An efficient hydro-crop growth prediction system for nutrient analysis using machine learning algorithm	Chandana C, Parthasarathy G.	IJECE	Vol. 13, No. 6, December 2023, pp. 6681~6690 ISSN: 2088-8708,	Scopus	1.059	IAES
3	AI Based Trip Planner (Safar Ka Saathi)"	Chandana C, Shubham Mittal, Saloni Kumari, Shivangi Singh, Vinod S.	International Journal of Scientific Research in Engineering and Management (IJSREM)	ISSN: 2582-3930	NA	7.1	
4	Fetal Birth Weight Estimation in high risk pregnancies.	Chandana C, Jayanth Kumar S, Prathyusha, Promod, Shashank B L	The International Journal of Novel Research and Development (IJNRD)	Volume No. 8 Issue 5 may Year. 2023	NA	8.76	
5	Web 3.0 Social Media Application Twitter Using Block Chain.	Chandana C, Sumit nayak, Bhagavati B	International Journal of all Research Education & Scientific Methods.(IJAR ESM)	Volume No. 11 Issue No. 5 Year. 2023	NA	7.429	

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	A Comprehensive Survey of Classification Algorithms for Formulating Crop Yield Prediction Using Data Mining Techniques	Chandana C, Parthasarathy G.	IEEE INTERNATIONAL CONFERENCE on Technology, Engineering, Management for Societal impact using Marketing, Entrepreneurship and Talent (TEMSMET2020), DEC-10.	2020	Scopus	Nil	IEEE
2	A Survey on Privacy-Preserving Information Brokering in Distributed Information Sharing".	Chandana C,	National Conference "Frontiers of Computer Science-2014".	2014			
3	Alarm as a Diagnostics features in Communication Management System Software", 2011	Chandana C	National Conference NCICT-2011.	2011			
4	"Factors influencing pre-emption for real time CPU scheduling" 2010.	Chandana C	National Conference on recent trends in Computer Science & Engineering (NCRTCSE-10) 2010.	2010			

iii. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	5-days FDP on Advance Network Computing and Simulators.	REVA, Bengaluru	27 <sup>th</sup> – 29 <sup>th</sup> Jan 2011
2	5-days FDP on Research Problems in Computer Science and Engg during.	SJBIT, Bengaluru	26th-30th July 2011
3	FDP on Cloud computing	Tata Consultancy Services, SJBIT	18th Oct 2013
4	5-days FDP on Research Problems in Computer Science and Engg.	SJBIT, Bengaluru	27th -31th Jan 2014.
5	3-days FDP on Medical Data Mining & Analysis using open-source Tools by.	SJBIT, Bengaluru	5 <sup>th</sup> -7 <sup>th</sup> Sept 2014
6	1-day workshop on Market Oriented Cloud Computing and Big Data Applications.	SJBIT, Bengaluru.	18 <sup>th</sup> Nov 2013
7	6-days FDP on Real Time WSN and Simulator.	SJBIT, Bengaluru.	2016
8	5 day FDP on 'Machine Learning Using Python'.	SJBIT, Bengaluru.	25th - 29th May 2020.
9	5 days FDP on “Designing Automation for Future Industries”.	SJBIT	09 June 2020 to 13 June 2020
10	5 days FDP on “CHALLENGES AND OPPORTUNITIES IN AI AND ML”	AIT	20th to 24th July, 2020
11	5 days FDP on ARTIFICIAL INTELLIGENCE.	BMS	22nd to 26th May 2020.
12	3 days workshop on “Recent Trends in Wireless Communication Technologies”.	SJBIT	3rd to 5th August 2020.
13	6-days FDP on “Current Era- A Technology driven Digital Transformation in Industry 4.0”.	REVA	30th-4th of Aug 2021.
14	3 days workshop on “Universal Human Values”	VVIT, Mysuru	20-22 July 2020
15	Online Quiz on “Cyber Security Awareness”	NEW HORIZON College of Engineering	10 <sup>th</sup> feb 2023
16	Workshop on “Generative-AI” on	RV Teachers Colony	8-8-2024
17	5 Days National Level on “Unlocking Industry Insights in Data Science”	RNSIT	12-16 February 2024
18	6 Days FDP on "Deep learning and Gen AI Applications" at.	B. N. M Institute of Technology	20th January-25th January 2025
19	FDP on “Machine Learning Lab”	RNSIT	5th February to 7th February 2025
20	5 days National Level FDP on “Emerging trends in Image Processing using Artificial Intelligence”	BNMIT	17 to 21 <sup>st</sup> February 2025.

iv. Workshops / Conference (Organised)

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
1	5th National Conference on “Recent Trends in computer science & Engg”.	SJBIT	8-05-10	Member
2	First International Conference on Integrated Intelligent Computing (ICIIC-2010).	SJBIT	05-08-2010 To 07-08-2010	Coordinator
3	6th National Conference on “Recent Trends in computer science & Engg. for students”.	SJBIT	14-10-2011	Member
4	7th National Conference on “Recent Trends in computer science & Engg”.	SJBIT	11-4-2012	Member
5	FDP on “Knowledge Discovery and its Application”.	SJBIT	18-01-2016 To 23-01-2016	Member
6	National Conference on “Recent Trends in Computer Science”.	SJBIT	7-5-2016	Member
7	Induction Program for I semester engineering students-SJBIT.	SJBIT	3-9-2018	Speaker
8	3 rd International Conference on Integrated Computing Communication & Security ICIIC.	SJBIT	6 th and 7th Aug, 2021	Member
9	FDP on “Research, Work Etiquette and a Healthy Lifestyles”.	SJBIT	19-9-2022 To 24-9-2022	Member
10	Technical Training Program on “Logic Approach to Design of Electronic Circuit”. Program Coordinator.	SJBIT	14-9-2022 To 16-9-2022	Speaker

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

Sl. No.	Name of the workshop / Conference	Organiser	Date
1	2 days National Seminar on “Application of Machine Learning & Data Science in the Cognitive Era”.	REVA University	4-5 May 2022
2	1-day seminar on “New National Education Policy-2022” by KSHCE	JSSATEB	2nd Sep 2022

7. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Introduction to C programming	IIT Kharagpur	April 2020	-
2	Leadership and Team Effectiveness	IIT Kharagpur	May 2023	60%
3	Stress Management	IIT Kharagpur	June 2024	58%
4	Machine Learning	IIT Kharagpur	Apr 2025	67%

8. Membership of Professional Bodies:

1. International Association of Engineers ( IAENG)
2. Institute For Engineering Research and Publication (IFERP)

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

Dr. Chandana C  
Assistant Professor  
JSS Academy of Technical Education  
Bangalore 560060