



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. Pooja H	photo 
DEPARTMENT	Computer Science & Engineering	
DESIGNATION	Associate Professor	
PHONE	9880126788	
EMAIL ID	poojah@jssateb.ac.in	
Date of Joining (JSSATEB)	16-06-2006	

2. Experience

Total Experience in Years	Teaching: 19.8Years	Industry: Nil	Research:
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Computer Science & Engineering	2005	HMS Institute of Technology, Tumkur	Visvesvaraya Technological University, Karnataka
M.Tech.	Computer Science & Engineering	2012	SJCIT, Chickballapura	Visvesvaraya Technological University, Karnataka
Ph.D	Faculty Of Computer & Information Sciences	2025	JSS Academy of Technical Education, Bengaluru	Visvesvaraya Technological University, Karnataka

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 1	National: 0
Papers Published in SCOPUS indexed Journals	International: 2	National: 0

Papers Published in other Journals	International: 3	National: 0
Papers Presented in Conferences / Symposium	International:1	National: 0

5. Research Guidance :NIL

6. Grants

i. Funds Received (Projects) :NIL

ii. Consultancy: NIL

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	AI-Driven Solutions For Achieving SDG's: Harnessing Machine Learning To Address Global Sustainability Challenges	Pooja H, K S Rajeshwari, Dr. Shweta S. Kaddi, Anshun Cai, ijayanand Selvaraj, Dr. T.Thirumalai kumari6	International Journal of Environmental Sciences	Vol. 11 No. 15s,2025	Scopus	1.71	Integrated Publishing Association
2	A Deep Learning Based Approach for Biomedical Named Entity Recognition Using Multitasking Transfer Learning with BiLSTM, BERT and CRF	Pooja, H., and Prabhudev Jagadeesh MP	SN Computer Science	volume No:5 ,Article No:482	Scopus	3.1	Springer Nature
3	Integrated Deep Learning with Attention Layer Based Approach for Precise Biomedical Named Entity Recognition	Pooja, H., and Prabhudev Jagadeesh MP	Journal of Advances in Information Technology	volume No: 15, Issue No:6 Page No: 704-713	Both	0.9	Engineering and Technology
4	EHR Privacy In India: Navigating Challenges And Implementing Solutions", IJCS pub - International Journal Of Current Science	Pooja H , Sahithi Srujana C, mohammed Faiz Ur Rahman ,Pinni Raga Sruthi	INTERNATIONAL JOURNAL OF CURRENT SCIENCE	ISSN:2250-1770, Vol.15, Issue 1, page no.241-250	Open access, Peer-reviewed		IJCSPUB
5	Implementation of Learning Rate	Harshith K Raj,	International Journal of All	ISSN: 2455-6211, Volume 13, Issue 2,	Open access		IJARES M

	Reduction on Plateau in analysis in analysis of EHR	Purushothama n S,Pooja H	Research Education and Scientific Methods (IJARESM),	February-2025	S, Peer-reviewed		
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ii Conference:

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 Collective Study of Data Mining Techniques for the Big Health Data available from the Electronic Health Records	Pooja, H., and Prabhudev Jagadeesh MP	International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE)		scopus		IEEE

iii. Patents:

Sl. No.	Title Details	Details of award of patent / Filed
1.	An ML-Enabled Personalization Therapeutic Intervention System for Lifestyle Disease Prevention and Control"	Published

iV Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	AWS Certified Solution Architect Associate	Infosys Springboard	14-11-2025
2	ATAL FDP on Advanced Computing Paradigms: Bridging AI, HPC, and Data-Driven	AICTE	13/10/2025 to 18/10/2025.
3	ATAL FDP on Advancements in Semiconductors, System software and AI for Digital Agriculture at JSS ACADEMY OF TECHNICAL EDUCATION	AICTE	08/09/2025 to 20/09/2025
4	Software Engineering	Infosys Springboard	14-11-2025

5	One week FDP on Artificial Intelligence and Emerging Technologies	JSS STU,Mysuru	18-3-2025 to 22-3-2025
6	QT-03 & QT-04 Basic Quantum Programming and Technologies Lab	Electronics and ICT Academy, MNIT Jaipur	27-10-2025 to 29-11-2025
7	Big Data Analytics	CDAC, Hyderabad	23-6-2025 to 27-6-2025
8	QT-05 Quantum Computation	Electronics and ICT Academy, MNIT Jaipur	11-7-2025 to 2-8-2025
9	Quantum Computing	Centre for Development of Advanced Computing, Hyderabad	03-05-2025 to 25-05-2025

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date
1	Hands-on session on Cyber Shield for IoT: Security in a Connected World	Mr. Manish Jhanwar, Software Architect and Education Consultant, Walmart Tech and Mr Rajashree Sridhar, Director, Ganaka Praudyogikee Tech Solutions Pvt Ltd	28-11-2025
2	Step into the Cloud: Azure for your Career	Mrs. Poornima S, Trainer, Techsiksha	16-5-2025
3	Industry Visit (Microsoft)	-	17-5-2025

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

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	National Conference on Recent Innovations in Engineering	KSIT,Bengaluru	04-12-2025
2	International Conference on Intelligent Computing and Communication Systems	JSSATE,Bengaluru	18-07-2025 to 20-07-2025
3	1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering (ICATIECE)	IEEE	2019

8. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Advanced Graph Theory	NPTEL IIT,Khanpur	Feb-April 2021	75%
2	Big Data Computing	NPTEL IIT,Patna	Sep-Nov2020	64%
3	Operating Systems	NPTEL IIT,Madras	Jan-Apr 2020	61%
4	Oracle Cloud Infrastructure Foundations	Coursera	Apr 2022	
5	Programming for Everybody	Coursera	5-12-2020	
6	Python Data Structures	Coursera	5-12-2020	

9. Membership of Professional Bodies:

1. AMIEE (Artificial Intelligence and Machine Learning Association)
2. Life Membership in Indian Society for Technical Education

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

- Departmental works, NBA,NAAC,LIC,Placement teaching for students etc has carried.
- Mentored Students for BE Honours.4 students got Honours degree in 2025.
- Mentored for Research Internship and Trawello Healthcare company to students.
- Applied student project in KSCST.
- Student Publications.

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