

FACULTY PROFILE

Personal Details

Name : Dr. S. Saritha

Designation : Assistant Professor

Department : Computer Science and Applications

Date of Birth : 13 – 12 – 1980

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Area of specialization : Machine Learning



Educational Qualification

Degree/ Diploma	Subject	Institution / University	Year of Completion	Grade / Percentage
Ph.D.,	Computer Science	Bharathiar University, Coimbatore, India.	2024	-
M.Phil.,	Computer Science	Annamalai University, Chidambaram, India.	2007	66%
M.Sc.,	Computer Science	Pondicherry University, Puducherry, India.	2004	62%
B.Sc.,	Computer Science	Madras University, Cuddalore, India.	2002	72%

Teaching Experience

Sl. No.	Name of the college / institution	Year		Service	
		From	To	Year(s)	Month(s)
1.	Full-Time Research Scholar, SNMV College of Arts and Science, Coimbatore.	Jan 2020	Mar 2024		
2.	College of Computer Science and Information Technology, Jazan University, Saudi Arabia.	Sep 2015	Jun 2019		
3.	Indira Gandhi College of Arts and Science, Puducherry.	Jul 2009	Jun 2012		
4.	Saradh Gangadharan College of Arts and Science, Puducherry.	Jul 2008	May 2009		
5.	S.K.R. Engineering College, Agarammal, Poonamalli, Chennai	Jul 2006	Dec 2007		
6.	Sri Jayaram Engineering College, Cuddalore.	Jul 2005	Jun 2006		

7.	P.V. Polytechnic College, Thinidivanam	Sep 2004	Jun 2005		
Total:				11	-

Orientation / Refresher / Faculty Development Programme Attended

Title of the Programme	Place	Date
Attended an FDP on “Idea Generation Methods”, ICT Academy.	Acharya College of Engineering Technology, Puducherry.	08 Aug 2024 to 10 Aug 2024.
Attended an International level FDP on “Research Toolbox Reloaded”.	Dept. of Computer Applications, Hindustan College of Arts and Science, Coimbatore.	21st Aug 2023 - 25th Aug 2023.
Attended an FDP on “AI and NLP case studies and applications”.	The school of computer science and engineering and information science, Presidency University, Bangalore.	21st Aug 2023 - 25th Aug 2023.
Attended a Staff Development Program on “Computing: Information, Knowledge and Business Intelligence”, AICTE Sponsor.	Sri Manakula Vinayagar Engineering College, Puducherry.	3rd – 13th Jan 2008.

Workshop / Seminar Programme Attended

Title of the Programme	Place	Date
International seminar on “Emerging Trends in Artificial Intelligence & Data Mining”.	Dept. of Information Technology, Saradha Gangadharan, Puducherry.	25th Aug 2023.
Attended a FDP program on “Data Science using R (FDP-DS-01)”.	Indian Statistical Institute, Bangalore.	27th Apr 2022 - 28th May 2022.
National Level Seminar on “Nano Science and Technology”- NANOTECH 07 th .	Rajiv Gandhi College of Engineering & Technology, Puducherry.	08 April 2007.
National Seminar on “Optical Networking”, AICTE Sponsor.	Sri Manakula Vinayagar Engineering College, Puducherry.	26th – 28th July 2007
National Seminar on “Grid Computing and Resource Management” AICTE Sponsor.	Sri Manakula Vinayagar Engineering College, Puducherry.	13th – 15th Sept 2007.
Attended a National Level Workshop on “Data Mining and Its Applications”	Department of Computer Science and Engineering Wing, Annamalai University, Chidambaram.	21st and 22nd March 2008.

National / International Conference Attended

Title of the Conference	Place	DATE
International Conference on Computer Communication and Informatics (ICCCI), IEEE Conference.	Coimbatore, India.	Jan. 23 – 25, 2023.

National / International Conference Publications

Title of the Conference	Place	DATE
International Conference on Computer Communication and Informatics (ICCCI), IEEE Conference.	Coimbatore, India.	Jan. 23 – 25, 2023.
E- Proceedings of International Conference on Global Business Strategy in Competitive Environment, Theme “A Survey on Data Mining for Web”	Sai Ram College of Engineering and Technology, Chennai.	21 st Sept 2007
Proceedings of the Second International Conference on Emerging Adaptive Systems and Technologies (EAST-2007), Theme “Intelligent Image Retrieval Engine using Knowledge -Based Techniques”PP. 546-551.	Noorul Islam College of Engineering and Technology, Kumaracoil, Tamilnadu.	25 th – 27th Oct-2007
Proceedings of the First National Conference on Engineering on Network Security and Images, Theme “Distance Method Algorithm for Fingerprint Analysis”	Nourl Islam College of Engineering, Nagarkoil.	14th & 15th of March 2008

Research Papers Presented

Title of the Paper	Place	DATE
International Conference on Computer Communication and Informatics (ICCCI), IEEE Conference. “Survival and Comparative Study on Different Artificial Intelligence Techniques for Crop Yield Prediction”.	Coimbatore, India.	Jan. 23 – 25, 2023.

Research Papers Published

Title of the Paper	Journal	ISSN/Volume/Year
Saritha S , Abel Thangaraja, "Margalef Kernel Perceptron and Winnow Brown Boost Big Data Analytics for Crop Yield Prediction".	”, Journal of Theoretical and Applied Information Technology, Scopus Publication.	31st March 2023. Vol.101. No 6.
Saritha, S. , Abel Thangaraja, “Prediction of crop disease using Rank Regressive Learning and Proaftn Fuzzy Classification models”.	<i>Soft Computing</i> , SCI-Springer Publication.	https://doi.org/10.1007/s00500-023-08357-9,(2023).
Saritha S. , Abel Thangaraja, “Survival and Comparative study on Different Artificial Intelligence Techniques for Crop Yield Prediction”,	Reffered Journal	Vol. 5 No. 1 (2023): Volume 5, Issue 1, Year 2023, DOI: https://doi.org/10.34256/ijcci2311 .

Key Positions/Responsibilities Held / Holding

Position / Responsibility	Institution / Organization	From Period To	
	Period		
*Working as class advisor for undergraduate degree students.	Immaculate College for Women	July 2024	Till date
*Worked as course coordinator for various courses. *Member of QAU, examination unit, student club, and overall departmental activities. *Worked as class advisor for undergraduate degree students. *Coordinator for the final year student’s graduation project. *Coordinator for the conduction of seminars and workshops.	College of Computer Science and Information Technology, Jazan University, Saudi Arabia.	Sep 2015	Jun 2019

Project Guidance

S.No	Project Guided	No.of Students
1.	UG	30
2.	PG	-
3.	M.Phil	-

Other Details (if any)

S.No	Details
1.	Certification Course Certified on successful completion of FDP course on Data Science using R (FDPDS-01) held during 27th April – 28th May 2022 conducted by Indian Statistical Institute, Bangalore.