

RESUME



Name: Dr. M.Preethi
Designation: Assistant Professor
Department: Department of Computer Science
Address :17, Mathan Kovil Street, Alwarthirunagari-628612

PERSONAL DETAILS

Date of Birth : 11.11.1988
Qualification : M.Sc., M.Phil., Ph.D
Designation : Assistant Professor
Department : Computer Science
Community : MBC
Religion : Hindu
Nationality : Indian
Mobile : 9677769121
Email ID : preethiindira12@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
SSLC		Hindu Higher Secondary School, Alwarthirunagari	State Board of Tamilnadu	2007
HSC	Maths Biology	Hindu Higher Secondary School, Alwarthirunagari	State Board of Tamilnadu	2007-2009
B.Sc	Information Technology	Sadakathullah Appa College, Tirunelveli	Manonmaniam Sundaranar University	2006-2009
M.Sc	Computer Science	Sadakathullah Appa College, Tirunelveli	Manonmaniam Sundaranar University	2009-2011
M.Phil	Computer Science	Manonmaniam Sundaranar University	Manonmaniam Sundaranar University	2012-2013
Ph.D	Computer Science	S.T. Hindu College, Nagercoil	Manonmaniam Sundaranar University	2023

ACADEMIC IDENTITY

*VIDWAN ID	https://vidwan.inflibnet.ac.in/profile/394560/Mzk0NTYw
*ORCID ID	https://orcid.org/0009-0004-5686-7161
*SCOPUS ID	https://www.scopus.com/authid/detail.url?authorId=56195409400
*RESEARCHER ID/ PUBLONS ID	rid85113
GOOGLE SCHOLAR LINK	

TEACHING EXPERIENCE

Date of Appointment	19.06.2024
Date of Retirement	1.06.2029
Teaching Experience	UG :8 years
	PG :1 year

	M.Phil: nill
Research	Guided M Phil: Nill Guided Ph.D:Nil Guided Ph.D Scholar:

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
B.Sc Computer Science- Java, Operating System, C, C ++, .Net, Software Engineering, Computer Network	Aditanar College of arts and Science, Tiruchendur	2016	2022	6
B.Sc Information Technology- Java, Operating System, C, C ++, .Net, Software Engineering, Computer Network, Computer Graphics	Wavoo Wajeetha Women's College- Kayalpatnam	2023	2024	1 years and 6 month
B.Sc Computer Science- Artificial Intelligence and Machine Learning, Office Automation	St Xavier's College, Palayamkottai	2024	Till Date	
M.Sc Computer Science- Deep Learning	St Xavier's College, Palayamkottai	2024	Till Date	

AWARDS RECEIVED	
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ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1	Organizing Secretary	Aditanar College of Arts and Science	2018-2020
2	Association Secretary	Wavoo Wajeetha womens college	2022-2023

MEMBERSHIP		
S. No	Designation	Particulars
1.		
2.		
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ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ()

S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	Three Days Faculty Induction Programme into Jesuit Education organized by Higher Education Commission, Jesuit Madurai Province	ST. Joseph's College, Tiruchirapalli	02.05.2024-05.05.2024
2	Orientation Programme for the Newly Recruited Faculty Members	St. Xavier's College, Palayamkottai	29.07.2024 & 6.07.2024
3			
4			
5			

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Ph.D Awarded	A Spectral- Spatial Classification of Hyperspectral Image using a Novel Fusion Classification	Manonmaniam Sundaranar University

AREAS OF RESEARCH

Image Processing
Hyperspectral Image Classification
Feature Extraction

RESEARCH PROJECTS CARRIED OUT

S. No	Title of the Project (Minor)	Name of the Funding Agency & Amount	Duration

PUBLICATIONS				
BOOKS	BOOK CHAPTERS	SCOPUS	WEB OF SCIENCE	UGC LISTED
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	

PUBLICATIONS: BOOKS ()			
S. No	Title of the Book	Publication	Year

BOOK CHAPTERS ()			
S. No	Title of the Paper	Name of the Book	ISSN No., Pg.No

PUBLICATIONS: SCOPUS INDEXED JOURNALS () WEB OF SCIENCE ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1	Comparative Analysis based on Machine Learning and Deep Learning for Hyperspectral Image Classification	Design Engineering	vol. 8, PP. 1760-1768, 2021

2	Integration of 3-Dimensional Convolutional Neural Network and Markov Random Field for Hyperspectral Image,	Classification,” International Conference on Technological Advancements and Innovations (ICTAI)	IEEE Xplore, 2021
3	A Novel RGB Channel Assimilation for Hyperspectral Image Classification Using 3D - Convolutional Neural Network with Bi – Long Short Term Memory	International Journal of Engineering Trends and Technology	Vol 70, ISSN:2231-5381,No 3,PP 201 – 211, 2022

PUBLICATIONS: UGC LISTED JOURNALS (1)

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1	Hyperspectral Image Classification based on Statistical Feature Extraction Approach	Journal of Fundamental & Comparative Research,	Vol VII, ISSN- 2277-7067No.11. PP. 51-62, 2021.

PUBLICATIONS: OTHER INDEXED JOURNALS (1)

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No
1	Integration of 2-Dimensional Convolutional Neural Network and Markov Random Field for Hyperspectral Image Classification	International Journal of Innovative Research in Science, Engineering and Technologies	Vol – 10, No 2, PP457 – 467, 2021

AS A RESOURCE PERSON ()

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date

WEBINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP PAPER PRESENTED: National (1) International (5)

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	National Conference on “COGNITIVE SCIENCE	Aditanar College of Arts and Science	11.9.2019
2	International Virtual Conference on Scientific and Technological Convergence (ICSTC 2021)	Sri Sarada College for Women, Tirunelveli	17-8-2021
3	International Conference on Computing and Intelligent System	Sri Krishna Adithya college , coimbatore	25/8/2012-26/8/2021
4	International Conference on Emerging Trends on science and technology	Parvathy Arts and Science college, Dindigul	15-9-2021
5	International Conference on Intelligent Computing Systems	Mother Teresa women’s university, Kodaikanal	28-10-2021
6	2 nd International Conference on Pervasive Computing and Social Networking	Narasu’s Sarathy Institute of Technolgy, Salem	4-3-2022

WEBINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED: (7)			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	State Level Workshop on “VIDEO AND IMAGE PROCESSING USING MATLAB”	Sadakathullah Appa College, Tirunelveli.	7.2. 2018
2	15 faculty Development Programme on Data Science and optimization	Periyar University	28-5-2018 to 11-6-2018
3	State Level Workshop on “RECENT ADVANCES IN MACHINE LEARNING ALGORITHMS AND MATLAB PROGRAMMING”	Aditanar College of Arts & Science, Tiruchendur	12.02.2019
4	National Seminar on “ADVANCED TRENDS IN COMPUTER SCIENCE”	, Sadakathullah Appa College, Tirunelveli.	22.03.2019
5	National Seminar on “SMART CITY – INTERNET OF THINGS”	Sadakathullah Appa College, Tirunelveli	21.02.2020
6	International Webinar on “APPLICATION DEVELOPMENT IN CLOUD”	Sadakathullah Appa College, Tirunelveli	30.5.2020
7	International Conference in Tashkent on technological advancements and innovations	Amity university	10-11-2021

COUNTRIES VISITED			

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EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)
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Date: 20.07.2024

Name: M.Preethi