RESUME

Name: Dr. M. Preethi
Designation: Assistant Professor
Department: Department of Computer Science
St,Xavier's College (Autonomous), Tirunelveli

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 Tamil Nadu	2007
HSC	Maths Biology	Hindu Higher Secondary School, Alwarthirunagari	State Board of Tamil Nadu	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

*VIDWANID	https://vidwan.inflibnet.ac.in/profile/394560/Mzk0NTYw
*ORCIDID	https://orcid.org/0009-0004-5686-7161
*SCOPUS ID	https://www.scopus.com/authid/detail.url?authorId=56195409400
*RESEARCHERID/ PUBLONSID	rid85113
GOOGLESCHOLAR LINK	

TEACHINGEXPERIENCE

Date of Appointment	19.06.2024
Date of Retirement	1.06.2029
Teaching Experience	UG:9years
	PG:1year

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

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		
		From	To	Years
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 Wajeeha Women'sCollege-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	
1.	
2.	
3.	
4.	
5.	

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1	Organizing Secretary	Aditanar College of Arts and Scienece	2018-2020
2	Association Secretary	Wavoo Wajeeha womens college	2022-2023
3	Co-ordinator for Alan Turning Placement call Forum	St,Xavier's College	2024 t0 till date

MEMBERSHIP		
S. No	Designation	Particulars
1.		
2.		
3.		

S. No		
4.		
5.		

ORIENTATION/REFRESHER COURSES/FACULTY DEVELOPMENT PROGRAMME UNDERGONE( )

S. No	Name of the Training	Name of the Sponsoring Agency	PlaceandDate
1	Three Days Faculty Induction Programme	Sacred Heart College, Kodaikanal	2-6-2024 to 5-6-2025
2	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
3	Orientation Programme for the Newly Recruited Faculty Members	St. Xavier's College, Palayamkottai	29.07.2024 & 6.07.2024
4	Preparation and Finalizing Research Paper for journals – Faculty Enhancement and Empowerment Programme	St. Xavier's College, Palayamkottai	8-8-2024
5	Teaching-Learning &Research- Two day Faculty Recharge Programme	St. Joseph's College, Tiruchirappalli	4-11-2024 to 5-11-2024
6	A Two Day Staff Enhancement and Empowerment Programme	St. Xavier's College, Palayamkottai	19-11-2024 to 20-11-2024
7	NEP 2020 Orientation & Sensitization Programme	Mizoram University	22-05-2025 to 30-05-2025
8	Five Day International VirtualFaculty Development Programme on Harnessing Generative AI : Smart Tools For Teaching, Learning, Evaluation & Research (TLE&R)	St. Joseph's College, Tiruchirapalli	11-07-2025 to 15-07-2025

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

AREASOFRESEARCH
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
		3		1
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	
		8	10	

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

BOOKCHAPTERS()			
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)	IEEEXplore,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	Vol70,ISSN:2231-5381,No3,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	Nameof 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, No2, PP457 –467, 2021

AS A RESOURCE PERSON()

S. No	Nameof the Event	Nameof the Sponsoring Agency	PlaceandDate

WEBINARS/SEMINARS/CONFERENCES/SYMPOSIA/WORKSHOP
PAPER PRESENTED :National(1) International(7)

No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	National Conferenceon "COGNITIVE SCIENCE	Aditanar College o fArts 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	2nd InternationalConferenceon Pervasive Computing and Social Networking	Narasu's Sarathy Institute of Technolgy, Salem	4-3-2022
7	Computing in Life Science-Emerging Trends (CLSEK-2K25)	A.D.M College for Women-Nagapattinam	15 -3-2025
8	International Conference on Recent Trends in Computer Science	Alagappa University, Karaikudi	03-04-2025 & 04-04-2025

WEBINARS/SEMINARS/CONFERENCES/SYMPOSIA/WORKSHOP ATTENDED: (10)

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	28-5-2018to11-6-2018
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 TRENDSINCOMPUTERSCIENCE"	,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 DEVELOPMENTINCLOUD"	Sadakathullah Appa College, Tirunelveli	30.5.2020
7	International Conference in Tashkent on technological advancements and innovations	Amity university	10-11-2021
8	Teaching Teachers: Style and Professionalism	St. Xavier's College, Palayamkottai	23-7-2024
9	Enhancing Research Productivity: Impactful Publications & Projects	St. Xavier's College, Palayamkottai	12-12-2024
10	National Conference on Prospects and Challenges in Disruptive Technologies	St. Xavier's College, Tirunelveli	6-12-202024

COUNTRIES VISITED

EXTRA-CURRICULARACTIVITIES/CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARYANDCULTURAL ACTIVITIES)

Date :17.07.2024   **Name: M.Preethi**