

RESUME



Name: Dr. J. Margaret Sangeetha
Designation: Assistant Professor
Department: Computer Science
Address: St. Xavier's College(Autonomous), Palayamkottai

PERSONAL DETAILS

Date of Birth : 03.03.1980
Qualification : M.Sc., M.Phil. SET NET Ph.D.
Designation : Assistant Professor
Department : Computer Science
Community : BC
Religion : Catholic
Nationality : Indian
Mobile : 9790122332
Email ID : jmagiesangeetha@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
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B.Sc.	Computer Science	St. Mary's College, Thoothukudi	Manonmaniam Sundaranar University	2000
M.Sc.	Computer Science	St. Xavier's College, Palayamkottai	Manonmaniam Sundaranar University	2002
M.Phil	Computer Science	Madurai Kamaraj University, (Distant Education)	Madurai Kamaraj University, (Distant Education)	2009
SET	Computer Science	Mother Teresa University	Mother Teresa University	2017
NET	Computer Science	UGC- National Testing Agency	UGC- National Testing Agency	2018
Ph.D	Computer Science	St. Xavier's College, Palayamkottai	Manonmaniam Sundaranar University	2022

ACADEMIC IDENTITY

*VIDWAN ID	288071
*ORCID ID	0000-0003-2306-6128
*SCOPUS ID	
*RESEARCHER ID/ PUBLONS ID	GON-5506-2022
GOOGLE SCHOLAR LINK	

TEACHING EXPERIENCE

Date of Appointment	15.06.2011
Date of Retirement	
Teaching Experience	UG 11 years
	PG 11 years
	M.Phil. 1 year
Research	Guided M Phil: Guided Ph D: Guiding Ph Scholar:

COURSES/CLAS SES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
B. Sc. Computer Science	Rose Mary college, Tirunelveli	26.11.2007	31.05.2011	3 years 6 months
M.Sc. Information Technology	Rose Mary college, Tirunelveli	26.11.2007	31.05.2011	3 years 6 months
B.Com. (Comp. Application)	St. Xavier's College, Tirunelveli	15.06.2011	May 2018	7 years

PGDCAB	St. Xavier's College, Tirunelveli	15.06.2011	May 2018	7 years
B. Sc. Computer Science	St. Xavier's College, Tirunelveli	June 2018	till now	4 years
M. Sc. Computer Science	St. Xavier's College, Tirunelveli	June 2016	till now	4 years

AWARDS RECEIVED	
1.	
2.	

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR

MEMBERSHIP		
S. No	Designation	Particulars
1.		
2.		

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ()

S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education"	MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING	Teaching Learning Centre, Ramanujan College University of Delhi 20 June – 19 July, 2022
2			
3			

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Completed on 28.07.2022	IMPROVISATION OF DENSITY BASED SPATIAL CLUSTERING OF APPLICATIONS WITH NOISE CLUSTERING ALGORITHM BASED ON AUTOMATIC PARAMETER SELECTION AND MAHALANOBIS DISTANCE FUNCTION	Manonmaniam Sundaranar University, Tirunelveli

AREAS OF RESEARCH

Clustering in Data mining

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	A Novel Density Based Clustering Algorithm by Incorporating Mahalanobis Distance	International Journal of Intelligent Engineering and Systems	Vol.11, No.3, 2018, 121-129Scopus Indexed ISSN No. 2185-3118 Impact Factor 1.173
2	Automated Digital Image Clustering Algorithm Based on Colour Distance and IDBSCAN	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume-9 Issue-2, 2717-2722. Scopus Indexed ISSN No.2278-3075 Impact Factor 1.0
3	Twinned Text Clustering Algorithm Based on IDBSCAN and ConceptNet for Effective Green Communication	Journal of Green Engineering	Vol.10, No.9, 6923–6937 Scopus Indexed ISSN number 2245-4586 Impact factor 1.577

PUBLICATIONS: UGC LISTED JOURNALS ()

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No

PUBLICATIONS: OTHER INDEXED JOURNALS ()

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg.No

AS A RESOURCE PERSON (26)

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

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP
PAPER PRESENTED: National () International ()**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	International Conference On RECENT TRENDS &TECHNOLOGIES IN SOFT COMPUTING	DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS ST.PETER'S INSTITUTE OF HIGHER EDUCATION & RESEARCH AVADI, CHENNAI – 54.	ST.PETER'S INSTITUTE OF HIGHER EDUCATION & RESEARCH AVADI, CHENNAI – 54. 21 and 22 April 2022
2	2nd International Conference on Emerging Trends in Materials, Computing and Communication Technologies	ANNAI VAILANKANNI COLLEGE OF ENGINEERING	ANNAI VAILANKANNI COLLEGE OF ENGINEERING, Kanyakumari, 9th and 10th Dec 2021

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP
ATTENDED:**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	National Conference on NEW HORIZONSIN COMPUTATIONAL INTELLIGENCE AND INFORMATION SYSTEMS	DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS Gandhigram Rural Institute - Deemed University Gandhigram - 624 302, Dindigul Supported by UGC, New Delhi	Gandhigram Rural Institute - Deemed University Gandhigram - 624 302, DindigulSupported by UGC, New Delhi 17th & 18th DECEMBER, 2015
2	One Day State Level Seminar on DATA MINING	UGC	Department of Computer Science, SadakathullahAppa College, Tirunelveli-

			627011 17th Feb 2016
3	National Conference on BIG DATA ANALYTICS	Department of Computer Science, St. Xavier's College, Tirunelveli – 627002	St. Xavier's College, Tirunelveli – 627002 26th Feb 2016
4	One Day National Workshop on RESEARCH PAPER WRITING	Academic Research Section, Thiyagarajar College of Engineering, Madurai.	Thiyagarajar College of Engineering, Madurai 29 th AUG 2016
5	National Conference on RECENT TRENDS IN DATA MINING	Department of Computer Science St. Xavier's College, Palayamkottai	St. Xavier's College, Palayamkottai 9 th Feb 2017
6	Workshop on Data analysis for Research	PG & Research Department of Commere, St. Xavier's College, Tirunelveli	St. Xavier's College, Palayamkottai 24th and 25th Feb 2017
7	National Level Webinar on RECENT TRENDS IN DIGITAL IMAGE PROCESSING	Department of Computer Applications, ShriKrishnaswamy College for women, Chennai	ShriKrishnaswamy College for women, Chennai 20 th May 2020
8	National Level Webinar on RECENT TRENDS IN COMPUTER SCIENCE RESEARCH	Department of Computer Science, Sri VasaviCollege(SFW), Erode.	Sri VasaviCollege(SFW), Erode. 26 th May 2020
9	National Level Webinar on ROAD MAP TO ACADEMIC RESEARCH AND HIDDEN OPPORTUNITIES	Department of Computer Application St. Xavier's College, Palayamkottai	St. Xavier's College, Palayamkottai 15 th June 2020
10	Accelerating Education 4.0 Using Iet Tools – Post Covid Paradigm	IQAC	St. Xavier's College, Palayamkottai- 17 th June 2020
11	National Level Webinar on LEARNING MANAGEMENT SYSTEM USING CANVAS INSTRUCTURE	Department of Computer Applications, Don Bosco College of Arts and Science, Thoothukudi	Don Bosco College of Arts and Science, Thoothukudi 25 th June 2020
12	Covid- 19 & Care For Environment	IQAC	St. Xavier's College, Palayamkottai 26 th June 2020
13	Covid – A Hidden War In Open Field	IQAC	St. Xavier's College, Palayamkottai 29 th June 2020
14	National Level Webinar on APPLICATIONS OF SEMANTIC WEB IN DIGITAL WORLD	Department of Information Technology, Sri Vidyanikethan Engineering College, Tirupathi, AndhraPradesh	Sri Vidyanikethan Engineering College, Tirupathi, AndhraPradesh
15	Online Education – Obstacles And Solutions	IQAC	St. Xavier's College, Palayamkottai 16 th July 2020

16	ICT – Tools For Teaching - Learning	IQAC	St. Xavier's College, Palayamkottai 23 rd July 2020
17	Tools For Interactive Content Preparation	IQAC	St. Xavier's College, Palayamkottai 24th July 2020
18	National Level Webinar on MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE	PG and Research Department of Computer Science, SadakathullaAppa College, Tirunrveli	SadakathullaAppa College, Tirunrveli 7th June 2021
19	State Level Webinar on PRACTICAL APPROACHES TO INTEGRATE AND INTERACT WITH IoT DEVICES	Department of Computer Science St. Xavier's College, Palayamkottai	St. Xavier's College, Palayamkottai 28th June 2021
20	National Level Webinar on RECENT TRENDS IN MACHINE LEARNING	Department of Computer Science St. Xavier's College, Palayamkottai	St. Xavier's College, Palayamkottai 28th July 2021

COUNTRIES VISITED

EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES

ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)

As NSS Programe Officer of Unit 31 St. Xavier's College From 2021 to till now

Conducted Virtual National NSS Meet 2021

Organised live-in nss camp for 7 days

Date: 22.08.2022

Name: J. Margaret Sangeetha