

RESUME



Name: Dr. J. Patricia Annie Jebamalar
Designation: Assistant Professor and Vice Principal
Department: Computer Science

Address: 8/114A, Kalaikovil Nagar, Krishnapuram, Tirunelveli. 627011

PERSONAL DETAILS

Date of Birth : 06/08/1976
Qualification : M.Sc., M.Phil., NET, SET, Ph.D.
Designation : Assistant Professor
Department : Computer Science
Community : BC
Religion : Christian
Nationality : Indian
Mobile : 9442020972
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ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B. Sc.	Computer Science	Sarah Tucker College	ManonmaniamSundaranar University	April 1997
M. Sc.	Computer	ManonmaniamSundaranar	ManonmaniamSundaranar	April

	Science	University	University	1999
M. Phil.	Computer Science	Alagappa University	Alagappa University	April 2008
Ph. D.	Computer Applications	Karunya Institute of Technology and Sciences	Karunya University	May 2020

ACADEMIC IDENTITY

*VIDWAN ID	287323
*ORCID ID	0000-0002-3757-5380
*SCOPUS ID	
*RESEARCHER ID/ PUBLONS ID	GOH-1449-2022
GOOGLE SCHOLAR LINK	

TEACHING EXPERIENCE

Date of Appointment	16/06/2008
Date of Retirement	06/08/2036
Teaching Experience	UG 14 years
	PG 14 years
	M.Phil. 4 years
Research	Guided M Phil: 2 Guided Ph D: Guiding Ph. D Scholar:

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
B. Sc. Computer Science	St. Xavier's College	Jun 2008	Till date	14 years
M. Sc. Computer Science	St. Xavier's College	Jun 2008	Till date	14 years
M. Phil. Computer Science	St. Xavier's College	Jun 2014	Apr 2018	4 years

AWARDS RECEIVED

1.	University Rank Holder in 1997
2.	Best Paper Award in 2019
3.	
4.	
5.	

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1.	Vice Principal	St. Xavier's College	2023 – till date

MEMBERSHIP		
S. No	Designation	Particulars
1.	Student Alumni	Board of Studies at Sarah Tucker College
2.	Subject Expert	Board of Studies at Sarah Tucker College
3.	Subject Expert	Board of Studies at SadakathullahAppa College in Computer Applications Department
4.	Subject Expert	Board of Studies at SadakathullahAppa College in Information Technology Department
5.	University Nominee	Board of Studies at SadakathullahAppa College in Information Technology Department

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ()

S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1	On Going Faculty Development Training	Jesuit Higher Education Commission	Dindigul, 23 rd to 31 st May 2014
2	4-Week Induction/Training Programme for Faculty in Universities/Colleges/Institutes of Higher Education	Teaching Learning Centre, Ramanujan College, University of Delhi & Ministry of Education	Online 20 June – 19 July 2022
3	2-Week Refresher Course in	Teaching Learning	Online

	“Managing Online Classes and Co-creating MOOCS 28.0”	Centre, Ramanujan College, University of Delhi & Ministry of Education	06 – 20 July 2023
4			
5			

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
	Enhancement of Dijkstra’s algorithm for optimizing path based on traffic congestion and emission using data mining	Karunya University

AREAS OF RESEARCH

Data Mining
Optimization Techniques
Image Processing
Data Structures and Algorithms

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
		1		
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	
5	3	4	37	

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 (1) WEB OF SCIENCE ()			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	Classifying Road Traffic Data using Data Mining Classification Algorithms: A Comparative Study	Advances in Big Data and Cloud Computing	AISC, Springer, Volume 750, Pages 197-205

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
1.	Survey on Fake Coin and Currency Detection	International Journal of Scientific Research Engineering & Technology	ISSN:2278-0882
2.	Educational Mining: A Comparative Study of Classification Algorithms Using Weka	International Journal of Innovative Research in Computer and Communication Engineering	ISSN: 2320-9801
3.	Accuracy Improvement of C4.5 using K means Clustering,	International Journal of Science and Research	ISSN: 2319-7064
4.	A Survey on Transport Routing Techniques	International Journal of Applied Engineering Research	Vol 10, Number 45
5.	Decision Tree Analysis to Predict Traffic Congestion in Transport Routing	International Scientific Journal on Science Engineering & Technology	Vol 17, Issue 10

AS A RESOURCE PERSON (3)			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date

1.	Guest Lecture on Soft Computing	-	Sarah Tucker College, 2018
2.	Guest Lecture on Data Mining	-	Rani Anna Govt College for Women, 2012
3.	Workshop on PC Trouble Shooting	-	Rani Anna Govt College for Women, 2010

**WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP
PAPER PRESENTED: National (1) International (2)**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	Weighted Edge Length and Iterative Technique in Dijkstra's Algorithm for Optimizing Traffic Congestion and Emmission		Sri Ramakrishna Engineering College, 2019
2.	Classifying Road Traffic Data using Data Mining Classification Algorithms: A Comparative Study, 2 nd International Conference on Big Data and Cloud Computing		Karunya University, 2018
3.	A Survey on Transport Routing Techniques, ICBDM		Noorul Islam University, 2015
4.	A Survey on Transport Routing Techniques, NCRAIT'14.		SCAD college of Engineering, 2014

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

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	5 Days Hands on FDP – Data Science using Python		JEPPIAAR Institute of Technology 18/5/2020-22/5/2020
2	National Level FDP on Internet of Things		Sarah Tucker College 18 & 19/6/2020

3	One day International Webinar on “Accelerating Education 4.0 using ICT Tools – Post COVID Paradigm”		IQAC, St. Xavier’s College 17/6/2020
4	International Webinar on “Emotional Wellbeing and Managing Stress”		St. Xavier’s College 24/6/2020
5	International Webinar on “Digital Accessibility Tech for Blind”		St. Xavier’s College 26/6/2020
6	Webinar on Reflections of Higher Education Scenario – Post Covid - 19		NAAC 13/5/2020
7	International Webinar on “Research Experience on Digital Tools”		Sarah Tucker College 29/6/2020
8	International Webinar on “Software Process Model”		Sarah Tucker College 12/6/2020
9	Webinar on “Advantages and Adverse Effects of virtual classes with special reference to students”		East West College of Management, Bangalore 24/6/2020
10	National Level Webinar on “Data Analytics Technology Trends and Solutions		St. Xavier’s College 25/6/2020
11	National Webinar on “COVID – A Hidden War in Open Field”		IQAC, St. Xavier’s College 29/6/2020
12	National Level Webinar on “Insights of Block Chain”		St. Xavier’s College 29/6/2020
13	National Level Webinar on “Road map to Academic Research and Hidden Opportunities”		St. Xavier’s College 15/6/2020
14	National Level Webinar on “Research Proposals Preparation for Funding Agencies in Social Science Studies”		St. Joseph’s College of Engineering 11/6/2020
15	Three Days National Level FDP on “Knowledge Engineering”		Sarah Tucker College 6-8/7/2020
16	National Level Webinar on “Online Education – Obstacles and Solutions”		IQAC, St. Xavier’s College 16/7/2020
17	National Level Online FDP on “Things Speak”		SFR College 16/7/2020
18	Webinar on “Scientific Analysis using Python”		Jagadguru College of Science 22/7/2020

19	National Webinar on “Tools for Interactive Content Preparation”		IQAC, St. Xavier’s College 24/7/2020
20	Webinar on Touch Healing Therapy with Diamond Rules		SCAD Polytechnic College 29/7/2020
21	National Webinar on “Role of IoT in the field of Education”		MDT Hindu College 10/8/2020
22	One Day Workshop on Python Programming		Sarah Tucker College 10 th August 2018
23	Two-day Workshop on Introduction to Robotics		St. Xavier’s College 9 th & 10 th January 2020
24	Two-day State Level Workshop on Pro Angular JS		SadakathullahAppa College 27 th & 28 th February 2020
25	Workshop on Weka		St. Xavier’s College 09 th and 10 th March 2012
26	Orientation Programme for Teachers		St. Xavier’s College 15 th June 2012
27	Orientation Programme for Teachers		St. Xavier’s College 18 th & 19 th August 2012
28	National Conference on Emerging Challenges and Future Prospects in Computer Science & Applications		St. Xavier’s College 12 th February 2013
29	National Conference on Recent Trends in Computer Algorithms		St. Xavier’s College 13 th March 2013
30	Faculty Workshop on Competence Building		St. Xavier’s College 15 th & 16 th March 2013
31	Workshop on Weka		St. Xavier’s College 10 th January 2014
32	Orientation Programme for Teachers		St. Xavier’s College 21 st January 2014
33	National Conference on Cloud Computing		St. Xavier’s College 24 th January 2014
34	National Conference on Research and Application of Information Technology		SCAD College of Engineering & Technology 19 th March 2014
35	Orientation Programme for Teachers on Innovative Teaching Strategies for Student – Centered		St. Xavier’s College 5 th July 2014

	Education		
36	National Conference on Recent Dimensions of Image Processing		St. Xavier's College 9 th January 2015
37	International Conference on Emerging Trends in Science, Engineering, Business And Disaster Management		Noorul Islam University 27 th & 28 th February 2015

COUNTRIES VISITED

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

Date: 29/11/2023

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