

# RESUME



**Name: Dr.V.Narayani**  
**Designation: Assistant Professor**  
**Department: Computer Science**  
**Address: Palayamkottai**

## PERSONAL DETAILS

Date of Birth : 12.08.1979  
Qualification : M.C.A., M.Phil., Ph.D  
Designation : Assistant Professor  
Department : Computer Science  
Community : BC  
Religion : Hindu  
Nationality : Indian  
Mobile : 7010749830  
Email ID : narayaniv1979@gmail.com

## ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
BSc	Computer Science	Sri Sarada College for Women, Tirunelveli	Manonmaniam Sundaranar University	1999
M.C.A	Computer Application	Manonmaniam Sundaranar University	Manonmaniam Sundaranar University	2002
M.Phil	Computer Science	Mother Teresa Women's University	Mother Teresa Women's University	2005
Ph.D	Computer Application	Manonmaniam Sundaranar University	Manonmaniam Sundaranar University	2012

**ACADEMIC IDENTITY**

*VIDWAN ID	287678
*ORCID ID	0000-0002-4226-8211
*SCOPUS ID	56453469200
*RESEARCHER ID/ PUBLONS ID	GOJ-9994-2022
GOOGLE SCHOLAR LINK	<a href="https://scholar.google.com/citations?user=tkWObWEAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=tkWObWEAAAAJ&amp;hl=en</a>

**TEACHING EXPERIENCE**

<b>Date of Appointment</b>	18.06.2018
<b>Date of Retirement</b>	
<b>Teaching Experience</b>	UG - 5 years 8 Months
	PG – 15 Years
	M.Phil. – 2 Years
<b>Research</b>	Guided M.Phil: 3 Guided Ph.D: 3 Guiding Ph.D Scholars: 4

COURSES/CLAS SES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
UG, PG	Yadava College, Madurai	July 2003	February 2005	1 Year 8 Months
PG	M.Kumarasamy College of Engineering, Karur.	February 2005	October 2006	1 Year 9 Months
PG	SCAD College of Engineering & Technology, Tirunelveli	July 2007	November 2008	1 Year 5 Months
PG	Karpagam College of Engineering, Coimbatore	July 2012	April 2018	5 Years 9 Months
UG, PG	St.Xavier's College, Tirunelveli	18.06.2018	Till Date	

**AWARDS RECEIVED**

1.	Best Faculty Award (MCA Department) for the Academic year 2013 – 2014.
2.	Cash Award for publishing papers in International Journals.

**ADMINISTRATIVE EXPERIENCE**

S. No	DESIGNATION	INSTITUTIONS	YEAR
NIL			

<b>MEMBERSHIP</b>		
<b>S. No</b>	<b>Designation</b>	<b>Particulars</b>
1.		ISTE
2.		CSTA
3.		IAENG

**ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ( )**

<b>S. No</b>	<b>Name of the Training</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
1	Faculty Orientation Programme	Ramanujan College, Delhi	20 <sup>th</sup> June 2022 to 19 <sup>th</sup> July 2022

**DETAILS OF RESEARCH WORK**

<b>Research Stages</b>	<b>Title of the Thesis</b>	<b>University where the work was carried out</b>
NIL		

**AREAS OF RESEARCH**

Data Mining
Big Data
Machine Learning
Deep Learning

**RESEARCH PROJECTS CARRIED OUT**

<b>S. No</b>	<b>Title of the Project (Minor)</b>	<b>Name of the Funding Agency &amp; Amount</b>	<b>Duration</b>
NIL			

<b>PUBLICATIONS</b>				
<b>BOOKS</b>	<b>BOOK CHAPTERS</b>	<b>SCOPUS</b>	<b>WEB OF SCIENCE</b>	<b>UGC LISTED</b>
-	-	10	2, SCI – 1	3
<b>OTHER INDEXED</b>	<b>AS A RESOURCE PERSON</b>	<b>PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS</b>	<b>WEBINARS, SEMINARS, WORKSHOPS ATTENDED</b>	
Others - 43	Guest Lecture, BoS Member	31	22	

<b>PUBLICATIONS: BOOKS ()</b>			
<b>S. No</b>	<b>Title of the Book</b>	<b>Publication</b>	<b>Year</b>
NIL			

<b>BOOK CHAPTERS ()</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Book</b>	<b>ISSN No., Pg.No</b>
NIL			

<b>PUBLICATIONS: SCOPUS INDEXED JOURNALS () WEB OF SCIENCE ()</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>ISSN No., Volume, Issue, Impact factor &amp; Pg. No</b>
1	Implementing Chi-Square Automatic Interaction Detection algorithm to predict Systemic Lupus Erythematosus	International Journal of Applied Engineering Research (IJAER)	Volume 10, Number 1 (2015) <i>Special Issues</i> pp. 299-303. <b>Jan 2015</b> <b>SCOPUS, UGC, AU Annexure – II</b>
2	Applying Decision tree algorithm to predict Lupus using Rapid Miner	International Journal of Applied Engineering Research (IJAER)	Volume 10, Number 9 (2015), <b>Apr 2015</b> <b>SCOPUS, UGC, AU Annexure – II</b>
3	Early Prediction of Systemic Lupus Erythematosus using hybrid K- Means J48 decision tree algorithm	International Journal of Engineering and Technology	Vol. 7 No. 1.3, 2018. <b>Jan 2018</b> <b>Scopus Indexed</b>
4	Design and Implementation of Optimal Chain Based Classification Algorithm(OCBCA) for the Early Prediction of Systemic Lupus Erythematosus	International Journal of Pure and Applied Mathematics	Vol. 118 No. 10, 2018, 27-35, <b>Feb 2018</b> <b>Scopus Indexed</b>
5	Prediction of Dropout: Comparative Analysis	International Journal of Pure and Applied	Vol. 118 No. 11, 2018, 319-324. <b>Feb 2018</b> <b>Scopus Indexed</b>

	on ID3 and C4.5	Mathematics	
6	Systemic lupus erythematosus prediction tool using optimal cluster based classification (OCBC) algorithm	International Journal of Engineering & Technology	<b>Oct 2018</b> , 7 (4) (2018) 2806-2809. <b>Scopus Indexed</b>
7	Enhanced Density Clustering and Improved Bat Search Algorithm (IBSA) with Reverse Path Nearby Clusters (RPNC) in Spatial Networks	Journal of Advance Research in Dynamical & Control Systems	Vol. 11, 04-Special Issue, 2019. <b>Scopus Indexed</b>
8	Mobi-X Architecture Modelling for Mobile Agent using Association Pattern Mining	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878, Volume-8 Issue-3, <b>Sep 2019</b> , 1167-1174 <b>Scopus Indexed</b>
9	Hybrid Distribution Clustering with Support Vector Machine (DCSVM) for Reverse Path Nearby Cluster (RPNC) Query in Spatial Networks	Journal of Web Engineering	Vol. 18, No 4 (2019) <b>Sep 2019</b> , 5096 – 5121 <b>SCI</b>
10	Reverse Path Nearby Cluster (RPNC) Query Optimization using Trajectory Clustering With Ensemble Learning (TCEL) In Spatial Networks	International Journal of Engineering and Advanced Technology (IJEAT)	ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019,7562-7572 <b>Scopus Indexed</b>
11	Provisional Access of Workflow Scheduling With Mobile Agents in Agricultural Application	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878, Volume-8 Issue-6, March 2020, 3198-3207. <b>Scopus Indexed</b>
12	Interim admission effort of workflow scheduling With Mobile Agents through Horticulture	ADALYA JOURNAL	ISSN NO: 1301-2746 ,Volume 9, Issue 6, June 2020, 48-56, <b>Web of Science</b>
13	Creation of Dense M Network Form for Mobile Agent Supported Effort Flow Development with Recurrent Item Set Mining in Farming Purposes	International Journal of Life Science and Pharma Research	ISSN 2250-0480; SP-20, 51-61, April 2022 , <b>Web of Science</b>

<b>PUBLICATIONS: UGC LISTED JOURNALS ()</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>ISSN No., Volume, Issue, Impact factor &amp; Pg. No</b>
1	Statistical Evaluation and Design of Cluster Based Classification	International Journal of Research and Analytical	February 2019, Volume 6, Issue 1,174-180.

	Algorithm for the Prediction of Systemic Lupus Erythematosus	Reviews (IJRAR)	<b>IF 5.75</b> <b>UGC Approved</b>
2	A Detailed Survey on Mobile Agents and its Functionality in Data Mining Domain	Journal of Emerging Technologies and Innovative Research (JETIR)	ISSN-2349-5162, June 2019, Volume 6, Issue 6, 66-75 <b>UGC Approved</b>
3	A Comparative Study on Real Time Path Planning using Reverse Path nearby Cluster Query (R-PNC) with Different Clustering Techniques in Spatial Networks	Journal of Emerging Technologies and Innovative Research (JETIR)	ISSN-2349-5162, June 2019, Volume 6, Issue 6, 690-701 <b>UGC Approved</b>

<b>PUBLICATIONS: OTHER INDEXED JOURNALS ()</b>			
<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>ISSN No., Volume, Issue, Impact factor &amp;Pg.No</b>
1	A Survey on Emotion-Based Music Player	International Research Journal of Engineering and Technology (IRJET)	Volume: 07, Issue: 05, March 2020, 5889-5891, P-Issn: 2395-0072, E-Issn: 2395-0056 Impact Factor value: 7.529
2	A Comparative Study of Machine Learning Approaches on Prediction System of Students Academic Performance	International Research Journal of Engineering and Technology (IRJET)	Volume: 07, Issue: 05, May 2020, 68-71, P-Issn: 2395-0072, E-ISSN: 2395-0056 Impact Factor value: 7.529
3	Emotion Based Music Player through PCA Algorithm	International Journal of Innovative Research in Computer and Communication Engineering	Volume 8, Issue 6, June 2020, 2208-2213, e-ISSN: 2320-9801, p-ISSN: 2320-9798 Impact Factor: 7.488
4	Student Performance Analysis For Academic Ranking Using Gradient Boosting Machine	International Journal of Innovative Research in Computer and Communication Engineering	<b>Volume 8, Issue 7</b> , July 2020, e-ISSN: 2320-9801, p-ISSN: 2320-9798, 2683-2689 Impact Factor: 7.488
5	A Survey on Customer Segmentation in Client Structured Web Domain using Machine Learning Techniques	EPRA International Journal of Multidisciplinary Research (IJMR)	ISSN (Online): 2455-3662, Volume: 8 Issue: 3, March 2022 Impact Factor 8.205
6	A Survey on Data Integration in Distributed Web Information System Using Machine Learning Techniques	EPRA International Journal of Multidisciplinary Research (IJMR)	ISSN (Online): 2455-3662, Volume: 8 Issue: 3, March 2022, 200-203 Impact Factor 8.205
7	A Comparative Analysis of Fruit Disease Detection and Classification	International Journal of Research Publication and Reviews	Vol 3, no 5, pp 112-116, May 2022, ISSN 2582-7421 Impact Factor 5.536

**AS A RESOURCE PERSON (26)**

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Lecture on “ <b>Data Mining Tools towards Data Science</b> ”	Sri Sarada College for Women, Tirunelveli	Tirunelveli 15.9.2018
2	Board of Studies Member	Sri Sarada College for Women, Tirunelveli	Tirunelveli 30.7.2020, 14.7.22

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

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Presented a paper titled “Prediction of Traffic Congestion using Machine Learning Algorithms”, in National Conference on Machine Learning	Dept. of CS, St.Xavier’s College, Tirunelveli	Tirunelveli 13.3.2019
2	Presented a paper titled “Classification of Mangosteen fruit disease detection based on existing Convolutional Neural Network”, in International Conference on “Innovative Computational Intelligence”	Dept. of MCA, Francis Xavier Engineering College, Tirunelveli.	Tirunelveli 10.6.2022
3	Presented a paper titled “Deep Learning for Anomaly Detection in Video Surveillance”, in International Conference on “Innovative Computational Intelligence”	Dept. of MCA, Francis Xavier Engineering College, Tirunelveli.	Tirunelveli 10.6.2022

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

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Workshop on “Python A Research Tool”	Sri Sarada College for Women, Tirunelveli.	Tirunelveli 31.8.18
2	Seminar on “Assessment and Accompaniment of Students”	St.Xavier’s College, Tirunelveli. UGC Sponsored	Tirunelveli 30.3.19
3	5 Days Online Faculty Development Program (FDP) on R Programming	Indo Global Group of Colleges, New Chandigarh in association with IIT Bombay Spoken Tutorial	Online 27.4.2020 – 1.5. 2020
4	Hands on FDP: Data Science using Python	Dept. of IT, Jeppiaar Institute of Technology	Online 18.5.2020-22.5.2020
5	Webinar on “Big Data in Cloud”	Organized by Department of Information Technology in association with Institution’s Innovation Council of Francis Xavier Engineering College, Tirunelveli	Online 25.5. 2020
6	Webinar on “Introduction to the World of Cyber Security”	Jaya Engineering College, Chennai	Online 28.5.2020

7	Webinar on “Augmented Reality and Extended Reality”	Department of Information Technology, PSG College of Technology, Coimbatore	Online 29.5. 2020
8	National level Online FDP on Python Programming	Government College for Women, Kolar	Online 5.6.2020 – 11.6.2020
9	Webinar on “Emerging Entrepreneurial Opportunities in Digital Marketing ”	Entrepreneurship Development Cell in association with Institution’s Innovation Council (IIC) of Francis Xavier Engineering College, Tirunelveli	Online 12-06-2020
10	One – day International Webinar on "Accelerating Education 4.0 using ICT tools – <i>POST COVID PARADIGM</i> "	Internal Quality Assurance Cell, St. Xavier’s College, Palayamkottai.	Online 17.6.2020
11	National Level FDP on Internet of Things	Sarah Tucker College, Tirunelveli	Online 18.6.2020 & 19.6.2020
12	Two Days Webinar on “ <i>Machine Learning Techniques for Image Processing Approaches</i> ”	Department of Computer Science, Mother Teresa Women’s University	Online 19.6.20 & 20.6.20
13	National Level Webinar on “Data Analytics Technology Trends and Solutions”	Dept. of CS, St.Xavier’s College, Tirunelveli	Online 25.6.2020
14	National Level Webinar on “Insights of Block chain”	Dept. of CS, St.Xavier’s College, Tirunelveli	Online 29.6.2020
15	One – day National Webinar on "Online Education – Obstacles and Solutions"	Internal Quality Assurance Cell, St. Xavier’s College, Palayamkottai.	Online 16.7. 2020
16	National Level Webinar on “Introduction to Data Visualization and its tools”	Dept. of CS, Nalla Muthu Gounder Mahalingam College, Pollachi	Online 03.08.2020
17	12 Hours of Faculty Development Program on Mobile Application Development	ICT Academy	Online 26.10. 2020 to 31.10. 2020
18	Two days DST-SERB sponsored National Workshop on “Deep Learning for Image Processing Applications”	Department of Computer Science, Pondicherry University, Puducherry	Online 28.01.2021 and 29.01.2021
19	Two Days International Webinar on Data Analytics and Business Processes	Department of Computer Science and Department of Business Administration, Avinashilingam Institute for Home Science and Higher Education for Women in collaboration with <i>Kyungpook National University, South Korea</i>	Online 11.2.2021 and 12.2.2021
20	Six days International Webinar on “Artificial Intelligence and its Global Applications”	Department of Computer Science ,University of Kerala	Online 15.03.2021 to 20.03.2021



21	Faculty Orientation Programme	St.Xavier's College, Tirunelveli	Tirunelveli 15.7.22 & 16.7.22
22	SXC Centenary Faculty Empowerment Programme	St.Xavier's College, Tirunelveli	Tirunelveli 23.7.22

<b>COUNTRIES VISITED</b>
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NIL
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<b>EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)</b>
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NIL
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**Date: 31.7.22**

**Name: Dr.V.Narayani**