Name : Ms. D. Priyadarshini

Designation : Assistant Professor

Department : Computer Applications

Qualification : M.Sc., M.Phil., MBA.,(Ph.

D.) **Experience** : 18 Years 6 months

Area of Specialization(s): Data Mining & Warehousing

Email : priyadevadharshini@gmail.com

EXPERIENCE

S. NO	INSTITUTION NAME	DESIGNATION	PERIOD
1	Dr.N.G.P Arts and Science College, Coimbatore	Assistant Professor/Computer Science	11-12-2023 to till date (1Year, 4 Months)
2	Sree Narayana Guru College, K.G.Chavadi, Coimbatore.	HoD Incharge/ Computer Science & Information Technology	June 2019- Nov 2022
		Assistant Professor/Computer Science	20-09-2006 to 20-11-2023 (17 Years, 2 Months)

Academic Qualifications

DEGREE	BRANCH	INSTITUTION / UNIVERSITY NAME	YEAR OF GRADUATION
Ph.D.	Computer Science	LRG Govt Arts College for Women Thippur (Bharathiar University)	Pursuing
M.Phil.	Computer Science	Bharathiar University	2008
M.Sc	ISM	Bharathiar University	2004
B.Sc.	Computer Science	Kongu Nadu Arts & Science College	2002

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
MBA	Education Management	Alagappa University	2013

Research Publications (Indexed)

*Published a paper titled "**A Novel Hybird (Po-Thk)Method For IDs and Privacy-Preserving In Distributed Data Environment Using Metaheuristic Techniques**" in IEEE xplore, June 2022

*Published a paper titled "**A Survey on – Early Detection of Rumors Techniques in Social Media- Recent Approaches**" in GIS SCIENCE JOURNAL, Sept 2021

*Published a paper titled "**Securing The Sensitive Data Of The PHR Using Matrix Based Data Perturbation Model In Cloud Computing**" in Journal Of Information And Computational Science, Sept 2021

*Published a paper titled "**A Brief Survey Of Patient Health Record Security In Cloud Computing**" in The International journal of analytical and experimental modal analysis, Mar 2021

*Published a paper titled "**A Novel Technique for IDS in Distributed Data Environment Using Merkel Based Security Mechanism for Secure User Allocation**" in Turkish Journal of Computer and Mathematics Education, Apr 2021

*Published a paper titled "**A Comprehensive Survey on Role of Datamining Techniques in Intrusion Detection System**" in The International journal of analytical and experimental modal analysis, Nov 2020

*Published a paper titled "**A Survey on Early Reviewers prediction techniques on E-Commerce Websites**" in IOSRJEN, Nov 2019

*Published a paper titled "**Analysis and Prediction of Early Reviewers and Product Popularity Using Discriminate Novel Embedding-Based Ranking (DNE-BR)**" in IOSRJEN, Nov 2019

*Published a paper titled "**An Extensive Study of Energy Conservation Mechanism on IoT based wireless Sensor Network to heterogeneous Applications**" IJSART, Feb 2019

* Published a paper titled "**A Novel Improvised Anonymization with Map Reduce Framework for Big Data Privacy Preservation in Cloud**" in IOSRJEN, Dec 2018

* Published a paper titled "**An Effective Authenticating User through Improvised channel information framework**" in IOSRJEN, Dec 2018.

* Published a paper titled "**An Self Adaptive Channel Hopping Protocol for IoT based Wireless Sensor Network**" in JASC, Nov 2018.

* Published a paper titled "**A Survey on User Authentication Methodologies by Channel Information in Wireless Networks**" in IOSRJEN, Sept 2018.

* Published a paper titled "**A Survey on Scalable Big Data Challenges and Privacy Preservation in Cloud**" in Journal of Network Communications and Emerging Technologies (JNCET), Aug 2018.

* Published a paper titled "**A Survey on User Data Classification and Profile Identification Using Wi-Fi Data**" in **IJIRCCE**, Jul 2017.

* Published a paper titled "**DATMin-A Novel large Data Mining Technique for**

Concept Evolution and Feature Evolution using Map Reduce Paradigm" in **IJRASET,** Nov 2016.

* Published a paper titled "**AN IMPROVED PRIVACY OF USER DATA AND IMAGE ON CONTENT SHARING SITES USING BIC" in IJIRCCE,** Sept 2015**.**

* Published a paper titled "**AUTOMATIC MELANOMA DETECTION USING LOCAL BINARY PATTERN AND SUPPORT VECTOR MACHINE" in IJARCCE,** Sept 2015.

Participation in Seminars & Webinars

*Attended one day **NATIONAL SEMINAR** titled "**TECHNOLOGICAL INNOVATION AND HOLISTIC STRATEGIES : NAVIGATING COVID VARIANTS FOR A PPROSPEROUS SOCIETY" by** Sri Krishna Arts and Science College on 26th April 2024.

*Attended one day **NATIONAL SEMINAR** titled "**PERSONALITY DEVELOPMENT"** organized by Dept of Computer Science and NSS, Sree Narayana Guru College on 10th Aug 2023.

*Attended one day **NATIONAL SEMINAR** titled **"CITATION MANAGEMENT USING MENDELEY"** organized by Sri Ramakrishna College of Arts and Science on 28th Sep 2021.

*Attended one day **SEMINAR** titled "**FUTURE OF MOBILE TECHNOLOGY AND ARTIFICIAL INTELLIGENCE"** organized by Bharathiar University on 15th Dec 2017.

* Attended one day **NAAC SPONSORED NATIONAL SEMINAR** titled **"QUALITY ENHANCEMENT IN HIGHER EDUCATION THOUGH BEST PRACTICES" by** IQAC, Sree Narayana Guru College on 9th & 10th Jan 2013.

* Attended one day **NATIONAL SEMINAR** titled "**RESEARCH IN COMPUTERS: WHY, WHAT AND HOW**?" organized by Bharathiar University on 13th Dec 2010.

*Attended one day **INTERNATIONAL SEMINAR** titled "**COMPUTATIONAL INTELLIGENCE"** organized by Bharathiar University on 30th Dec 2008.

Participation in Workshop

*Attended one days **WORKSHOP** titled "**A Learner perspective programme**" organized by VLB Janakiammal College of Arts and Science College on 16th Feb 2024.

*Attended four days **WORKSHOP** titled "**PREPARATION OF REVISED AQAR**" organized by San Chang College from 4th Apr to 7th Apr 2022

* Attended one day **WORKSHOP** titled "**NPTEL"** organized by IIT Madras on 19th July 2019.

* Attended one day **WORKSHOP** titled "**SPOKEN TUTORIAL"** organized by Sree Narayana Guru College in association with IIT Bombay on 7th Dec 2017.

* Attended one day **WORKSHOP** titled "**BIOINFORMATICS DATABASES AND**

VISUALIZATION TOOLS" organized by Sree Narayana Guru College on 23rd Dec 2016.

* Attended one day **WORKSHOP** titled " **DATA MINING TOOL - WEKA**" organized by Kovai Kalaimagal College of Arts and Science on 25th Jan 2012.

* Attended one day **WORKSHOP** titled "**SEQUENCE ANALYSIS: EXPERIENCE AND EXPERTISE"** organized by Dr.G.R.Damodaran College of Science on 6th Feb 2010.

Participation in Orientation Programme / Short Term Courses

* Attended one day **TRAINING PROGRAMME** titled "**HUMAN RIGHTS"** organized by Sree Narayana Guru College on 11th Oct 2022.

*Attended seven days **ORIENTATION PROGRAMME** titled "**AI IN HEALTHCARE USING API TOOL"** organized by Vinayaka Mission's Kirupananda Variyar Engineering College from 14th to 20th Dec 2021.

* Attended one day **ORIENTATION PROGRAMME** titled "**LIBRARY AND INFORMATION SCIENCE"** organized by Sree Narayana Guru College on 30th Nov 2010.

* Attended 28 days **ORIENTATION PROGRAMME** organized by **UGC Academic Staff College BHARATHIAR UNIVERSITY,** Apr 2004.

Participation in Faculty Development Programme

*Attended five days **Faculty Development Program** titled **"AI TOOLS"** organized by KG College of Arts and Science from 17th Feb 2025 to 21st Feb 2025.

*Attended five days **Faculty Development Program** titled **"Empowerment Of Robotic,Ai &Ml And Additive Manufacturning In Industry 4.0"** organized by Nalanda Institute of Technology (AICTE Training & learning – ATAL) from 2nd Dec 2024 to 7th Dec 2024.

*Attended five days **Faculty Development Program** titled **"Internet Of Things For Emerging Technical Applications"** organized by M.N.Pachimuthu M.Jaganathan Engineerning College from 12th Aug 2024 to 17th Aug 2024.

*Attended five days **Faculty Development Program** titled **"Emerging Research Trends in Computer Science"** organized by KG College of Arts and Science from 8th Jan 2024 to 12th Jan 2024.

*Attended five days **Faculty Development Program** titled **"LATEST TRENDS & TECHNIQUES IN SOFTWARE ENGINEERING"** organized by CHRIST (Deemed to be University)from 20th Jan 2024 to 27th Jan 2024.

*Attended five days **Faculty Development Program** titled **"Emerging Trends in Data Analytics"** organized by Saveetha College of Liberal Arts & Science from 22nd Jan 2024 to 26 Jan 2024.

*Attended one day **Faculty Development Program** titled "**CYBER SAFETY"** organized by IQAC, Sree Narayana Guru College on 5th Aug 2023.

*Attended six days **Faculty Development Program** titled "**RECENT TRENDS ON**

RESEARCH METHODOLOGIES, TOOLS AND TECHNIQUE" organized by KG College of Arts and Science from 10th July to 15th July 2023.

*Attended six days **Faculty Development Program** titled "**RESEARCH TRENDS IN SCIENCE AND TECHNOLOGY**" organized by Hindusthan College of Arts and Science from 6th Mar. to 11th Mar 2023.

*Attended three days **Faculty Development Program** titled "**CYBER SECURITY ASSOCIATE"** through **Naan Mudhalvan Scheme** from 8th Feb to 10th Feb 2023.

*Attended one day **Faculty Development Program** titled "**WORK LIFE BALANCE"** organized by Dept of Psychology, Sree Narayana Guru College on 20th Jan 2023.

*Attended seven days **Faculty Development Program** titled "**IMPLEMENTATION OF NATIONAL EDUCATION POLICY-CHALLENGES AND OPPORTUNITIES IN HEI's"** organized by IQAC, Sree Narayana Guru College from 24th Aug to 30th Aug 2022.

*Attended one day **Faculty Development Program** titled "**EMOTIONAL INTELLIGENCE**" organized by IQAC, Sree Narayana Guru College on 31st Jan 2022.

Attended one day **Faculty Development Program** titled "**ACTIVITIES OF INSTITUTION TO IMPART QUALITY EDUCATION**" organized by IQAC, Sree Narayana Guru College on 12th June 2021

*Attended one day **Faculty Development Program** titled "**QUALITY ENRICHMENT OF QUESTION BANK THROUGH BLOOM'S TAXONOMY**" organized by IQAC, Sree Narayana Guru College on 9th June 2021.

*Attended eight days **Faculty Development Program** titled "**NAAC PROCESS ON QUALITY ADVANCEMENT"** organized by IQAC, Sree Narayana Guru College from 11th Dec to 18th Dec 2020.

*Attended three days **FACULTY DEVELOPMENT PROGRAM** titled "**ENHANCING EXCELLENCE IN HIGHER EDUCATION THROUGH ASSESSMENT**" organized by IQAC, Sree Narayana Guru College from 6th may. to 8th May 2020.

*Attended one day **FACULTY DEVELOPMENT PROGRAM** titled "**EFFECTIVE USE OF E-RESOURCES AND NATIONAL DIGITAL LIBRARY"** organized by IQAC, Sree Narayana Guru College on 2nd Dec 2019.

*Attended one day **FACULTY DEVELOPMENT PROGRAM** titled "**HEALTH AND WELL BEING, SIRIKKA SIRIKKA SINTHIPPOM"** organized by IQAC, Sree Narayana Guru College on 30th Nov 2019.

*Attended two days **FACULTY DEVELOPMENT PROGRAM** titled "**ONLINE CLASS ROOM MANAGEMENT SYSTEM"** organized by IQAC, Sree Narayana Guru College on 28th and 29th Nov 2019.

*Attended two days **FACULTY DEVELOPMENT PROGRAM** titled "**PASSION FOR TEACHING"** organized by IQAC, Sree Narayana Guru College on 14th Sept and 16th Sept 2019.

*Attended one day **FACULTY DEVELOPMENT PROGRAM** titled "**EXPERIMENTAL LEARNING THROUGH TEACHING"** organized by IQAC, Sree Narayana Guru College on 31st May 2019.

*Attended one day **FACULTY DEVELOPMENT PROGRAM** titled "**OUTCOME BASED**

EDUCATION" organized by IQAC, Sree Narayana Guru College on 26th Nov 2018.

*Attended two days **FACULTY DEVELOPMENT PROGRAM** titled "**PRESENTATION SKILLS**" organized by ICT Academy on 7th and 8th Sept 2018.

*Attended nine days **FACULTY DEVELOPMENT PROGRAM** titled "**GLOBAL BUSINESS FOUNDATION SKILLS**" organized by Infosys BPM Ltd. from 1st Aug to 9th Aug 2018.

*Attended one day **FACULTY DEVELOPMENT PROGRAM** titled "**NAAC REVISED ACCREDITATION FRAMEWORK**" organized by IQAC, Sree Narayana Guru College on 28th July 2018.

*Attended two days **FACULTY DEVELOPMENT PROGRAM** titled "**ICT ENABLED TEACHING**" organized by IQAC, Sree Narayana Guru College on 27th and 28th June 2018.

*Attended five days **FACULTY DEVELOPMENT PROGRAM** titled "**THE ART OF TEACHING**" organized by IQAC, Sree Narayana Guru College from 4th Dec to 8th Dec 2017.

* Attended one day **FACULTY DEVELOPMENT PROGRAM** titled "**STRESS MANAGEMENT**" organized by IQAC, Sree Narayana Guru College on 31st Jan 2015.

* Attended one day **FACULTY DEVELOPMENT PROGRAM** titled "**RESEARCH PROPOSALS WRITING TECHNIQUES**" organized by IQAC, Sree Narayana Guru College on 16th Aug 2014.

*Attended one day **FACULTY DEVELOPMENT PROGRAM** titled "**NATIONAL LIBRARY AND INFORMATION SERVICES INFRASTRUCTURE FOR SCHOLARLY CONTENT**" organized by Sree Narayana Guru College on 21st Jan 2012.

* Attended one day **FACULTY DEVELOPMENT PROGRAM** titled **TEACHING METHODOLOGIES"** organized by Sree Narayana Guru College on 30th July 2011.

Book Chapter

* Published a Book Chapter entitled "**INNOVATIVE APPROACHES TO DIGITAL TRANSFORMATION IN MORDEN BISINESS"** in Smart Business Solutions, Chapter 7, ISBN: 9789334152579.

ACADEMIC EXCELLENCE

* Acted as a Resource Person for Life Skill Enhancement Programme titled "Transforming Power To Efficiency" on 6th Mar. 2021 organized in Holy Cross Home Science College, Thoothukudi.

* Acted as a Resource Person for Life Skill Enhancement Programme titled "Team Building" on 21st Feb. 2020 organized in Western Valley Bungalow Club, Coimbatore by Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore.

* Acted as a Resource Person for Faculty Development Programme titled "MS-Excel" on 13th Dec. 2015 organized by Department of Computer Science by Sree Narayana Guru College.

* Visited to Malaysia for Industrial Visit on June 2014.

* Acted as a Resource Person of DIGITAL SLATE for 12th standard Practicals, Pichanoor Hr. Sec. School in Sree Narayana Guru College on Sept 2010

* Acted as a Resource Person for Faculty Development Programme titled "MS-POWERPOINT" on 9th, 10th & 11th Dec. 2009 organized by Association of Computer Science by Sree Narayana Guru College.

* Acting as an Examiner (Internal & External) in Bharathiar University.

OTHER EXCELLENCE

*Participated in Noble World Record for **SAY NO TO DRUGS** organized by Sree Narayana Guru College on 11th Nov 2022.

*Participated in Beginners Level Yoga Course organized by Integral Yoga Institute from 7th Jul to 14th Jul 2010.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
International Association of Engineers (IAENG).	Member	Life Time

Number of Scholars Under Guidance for M.Phil. :

S. No.	Name of the Student	Specialization	Status/Year
1	SATHISH R	Data Mining	Completed
2	PRIYA RK	Software Testing	Completed
3	SAJITHRA N	Networking	Completed
4	RENGINI D	Automatic Melanoma Detection Using Local Binary Patterns And Support Vector Machine	Completed
5	SMRINA DAS	An Improved Privacy Of User Data On Content Sharing Sites Using Bic	Completed
6	SULFYTH M	Ensemble Based Novel Class Identification For Class Imbalance Under Sampled Data	Completed
7	AMRITA PRIYA K	Datamin- A Novel Large Data Mining Technique For Concept Evolution and Feature Evolution Using Map Reduce Paradigm	Completed
8	SRIDHANYA	User Data Classification With Web Access Behavior Analysis Using Wi-Fi History	Completed

9	VIDHYA V	An Optimal High Dimensional Data Clustering Using Weighted Spectral Ensemble Clustering With Weighted K-Mean	Completed
10	AMAL HUDA.V.T	IOT Based Irrigation Automation And Plant Disease Detection Using Image Processing	Completed
11	JAMSHEENA NELLISSERI	A Novel Improvised Anonymization with Map Reduce Framework For Big Data Privacy Preservation In Cloud	Completed
12	SOUMYA CP	A Novel Energy Efficient Channel Hopping Protocol Tio IOT Based Wireless Sensor Network	Completed
13	FASEELA P ISMAIL	Authenticating User Through Fine-Grained Channel Information	Completed
14	ARIFA P	Analysis And Prediction Of Early Reviewers And Products Popularity Using Discriminate Novel Embedding - Based Ranking (DNE - BR)	Completed
15	PRIYA AP	Securing The Sensitive Data Of The PHR Using Matrix Based Data Perturbation Model in Cloud Computing	Completed