

Name : Mr. Premkumar S
Designation : Assistant Professor
Department : Computer Science with Data Analytics
Qualification : M.Sc., M.Phil.
Experience : Teaching - 12 Years
Specialization: Data Mining
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Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	Hindustan College of Arts and Science	Pursuing
M.Phil.	Computer Science	Sri Jeyendra Saraswathy College of Arts and Science	2014
M.Sc.	Software Systems	VLB Janakiammal College of Arts and Science	2011

Research Publications (Indexed)

- **A Density-based Clustering Algorithm using Bichromatic Reverse nearest Neighbor Density Estimates**, IOSR Journal of Engineering (IOSRJEN) ISSN (e): 2250-3021, ISSN (p): 2278-8719 Vol. 08, Issue 12 (Dec-18).
- **Clustering-Based Decision Tree Classifier Construction**, Volume 8, Issue 2(Mar-19), IJSRCSAMS.
- **Review On Classification Of Cancer Using Machine Learning Techniques**, ADALYA JOURNAL, An UGC approved group of Journal, Volume 8, Issue 11, Nov-19, 808, ISSN NO: 1301-2746. . (Web of Science)
- **Cancer Data Classification Based On Gene Expression And Microarray Data Using Kernel Function For Molecular Genetics**, ADALYA JOURNAL, An UGC approved group of Journal, ISSN NO : 1301-2746, Dec-19. (Web of Science)
- **Design And Development Of Prototype Model For Lung Cancer Early Diagnosis And Prediction Using Machine Learning Techniques**, An UGC approved group of Journal, Volume 9, Issue 1, Jan-20, ISSN NO: 1301-2746. . (Web of Science)

Presentations in Conference

1. **Current Trends in Computer Technologies**, Angappa College of Arts and Science, Coimbatore, 21-Feb-14.
2. **Data Classification Using SVM Technique**, Sankara College of Science and Commerce, Coimbatore, 27-Feb-15.
3. **A prediction model for heart diseases using Machine learning Algorithms**, PSGR Krishnammal College for women, Coimbatore, 5-Feb-16.
4. **A Novel Approach on Lungcancer Prediction Using Enhanced PCA with Smote**, 5th International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR-2022), Qatar, 8-Dec-22.

Participation in Seminars

1. **Web Technologies**, KSG College of Arts and Science, Coimbatore, 4-Feb-15.
2. **Challenges in Higher Education for the next Triennium**, AVANTEACH, ITC, 01-Jun-2023 to 05-Jun-23.

Participation in Workshop

1. **Web Designing**, Apex Multimedia Technologies, Coimbatore, 22-Jan-16.

Awards / Honors

Awards / Honors	Agency / Institute	Year
Best Faculty	RVS College of Arts and Science, Coimbatore	2024