

Name : PREMKUMAR S
Designation :Assistant Professor
Department :Computer Science with Data Analytics
Qualification :M.Sc., M.Phil.,P.hD.
Experience :Teaching: 12 Years Industry : Nil
Area of Specialization(s) :Data Mining
Email (Official ID) : premkumar.s@drngpasc.ac.in



Research : Nil

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Computer Science	Hindustan College of Arts and Science	2025
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)

International

S.Premkumar, Dr. N.Revathy, “AN IMPLEMENTATION OF ENHANCED INCEPTION-RESIDUAL CONVOLUTIONAL NEURAL NETWORK IN LUNG CANCER PREDICTION”, Journal of Theoretical and Applied Information Technology E-ISSN:1817-3195,ISSN: 1992-8645.(Scopus).

S.Premkumar, Dr. N.Revathy, “**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).

S.Premkumar, Dr. N.Revathy, “**Clustering-Based Decision Tree Classifier Construction**”, ” in Volume 8, Issue 2(Mar-19) of our journal,IJSRCSAMS.

S.Premkumar, Dr. N.Revathy, “**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**)

S.Premkumar, Dr. N.Revathy, “**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**)

S.Premkumar, Dr. N.Revathy, **“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

“Current Trends in Computer Technologies”, Angappa College of Arts and Science, Coimbatore, 21-Feb-14.

“Data Classification Using SVM Technique” by Sankara College of Science and Commerce, Coimbatore, 27-Feb-15.

“A prediction model for Heart diseases using Machine learning Algorithms” organized by PSGR Krishnammal College for women, Coimbatore, 5-Feb-16.

“A Novel Approach On Lungcancer Prediction Using Enhanced Pca With Smote” 5th International Conference on Recent Trends in Multi-Disciplinary Research (ICRTMDR-2022), Qatar on 8-Dec-22

Participation in Seminars

“Web Technologies” at K.SG College of Arts and Science, Coimbatore on 4-Feb-15.

“Challenges in Higher Education for the next Triennium” by AVANTEACH at ITC from 01-June-2023 to 05-June-2023.

Participation in Workshop

“Web Designing” at Apex Multimedia Technologies, Coimbatore on 22-Jan-2016.

Participation in Faculty Development Programme

“Challenges and Opportunities in Computer Resaerch” at at Sree Saraswathy Thyagaraja College, Pollachi on 5th August 2014.

“Writing Effective Research Papers in Humanities” at RVS College of Arts & Science on 10th October 2014.

“Management Development programme” at RVS IMSR, Coimbatore on 20th August 2015.

“Teaching and Learning” at KSG College of Arts & Science on 27th August 2015.

“Research Methodologies” at KSG College of Arts & Science on 12th November 2015.

“Azure AI” conducted by ICT Academy at Dr NGP Arts and Science College Coimbatore from 05/02/2025 to 09/05/2025.

“Microsoft Power BI” conducted by ICT Academy at Kongunadu Arts and Science College Coimbatore from 17/02/2025 to 21/05/2025.

Awards / Honors

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