Dr. R. Ramesh

Assistant Professor
Department of Computer Science
School of Commerce

Qualification : MCA., (Ph.D).,
Teaching Experience: 10 Year

0422 2635678
Ramesh.r@kprcas.ac.in
http://kprcas.ac.in/faculty-profile/mr-r-ramesh

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D	Data mining	Bharathiar University, Coimbatore.	2021
MCA	Computer Applications	Karunya University, Coimbatore	2010
B.SC (Physics)	Physics	Bharathiar University, Coimbatore.	2007

Online Certifications

Certification Details	Area of Specialization	Institution / University / Agency Name	Year
Swayam - NPTEL	Softskills for Personality Development	IIT Khanpur	December 2020
Online Certification	Network Programming Masterclass : Java Socket, TCP/IP, Server	Udemy	July 2021

Additional Qualifications

- Certified in software testing from QAI Global Institute, Bangalore.

Academic Positions @ KPRCAS

- Assistant Professor – Department of Computer Science
- Web Developer - KPRCAS Website
- Coordinator – Web Development Committee
- Coordinator – Photography Club
- Member – NAAC Criteria II
- Member – ERP Development

Academic Activities @ KPRCAS

- Assistant Professor (Grade II) in the department of Computer Science
- Class Advisor for the B.Sc CS 2020 – 2023 Batch
- Acted as a coordinator for various skill development programs.

Invited Speaker

- Acted as a Resource Person for the one-day webinar in **"Applications of Machine learning & AI"** in Sri Vidhyanikethan Engineering College, Andhra.
- Handled 10 days' value added course **"Programming in C"** at Sri Venkateswara Institute of Information Technology & Management for PG students.
- Handled 2 days' workshop on **"PHP Web Development –Hands on Sessions"** at Kongu Arts and Science College, Erode for Final year UG students.
- Handled one-day session on **"Web Programming Languages"** at SNMV Arts and Science College, Coimbatore for UG students.

Research Credentials

- Submitted a thesis entitled on "Improvised Fuzzy Associative Classification Rule Mining Technique Using Particle Swarm Optimization and Bat Algorithm: A Frequency Occurrence Count Approach

Significant Publications

SCI Indexed

- Dr. V. Saravanan, Dr. R. Manikandan, Dr. R. Maharasan, R. Ramesh, Optimized Attribute Selection using Artificial part (AP) algorithm and ESVM Classifier and improved Singular Value Decomposition (ISVD) based dimensionality reduction for large Micro –Array Biological Data, Journal of Computational life Sciences, Springer

Scopus Indexed

- R.Ramesh, Dr.V.Saravanan, A Frequency Occurrence Count with Particle Swarm Optimization for Rule Optimizing and Mining Class-Association Rules, Jour of Adv Research in Dynamical & Control Systems, ISSN 1943-023X, 10-Special Issue, July 2017. Pages 276-295.
- R.Ramesh, Dr.V.Saravanan, Proportion Frequency Occurrence Count with Bat Algorithm (FOCBA) For Rule Optimization and Mining of Proportion Equivalence Fuzzy Constraint Class Association Rules (PEFCARs), Periodicals of Engineering and Natural Sciences, ISSN 2303-4521 Vol.6, No.1, June 2018, Pages 305~325
- R.Ramesh, Dr.V.Saravanan, A Survey of Association Rule Classification Algorithms in Data Mining, International Journal of Recent Technology and Engineering, Volume 8 , Issue 1 , May 2019, ISSN:2277-3878
- R.Manikandan, R.Ramesh, Dr.V.Saravanan, Effective and Scalable Recommendation Model Combining Association Rule Mining and Collaborative Filtering In Big Data, International Journal of Recent Technology and Engineering, Volume 7 , Issue 6 , March 2019, ISSN:2277-3878
- R.Ramesh, Dr.V.Saravanan, R.Manikandan, An Optimized Associative Classifier for Incremental Data based on Non-trivial Data based Insertion, International Journal of Innovative Technology and Exploring Engineering, ISSN 2278-3075, Volume 8 – Issue 12 October 2019

UGC Indexed Journals

- **R.Manikandan, R.Ramesh,** A Schematic Data Mining Approach for Web Page Recommendation Systems, Volume 3, Issue 10, October – 2018, International Journal of Innovative Science and Research Technology ,ISSN No:-2456-2165

- R.Ramesh, R.Manikandan **"Sentiment Sorting of Online Product Reviews Based on Product Features"**, International Journal of Emerging Business Issues (IJRSH), Volume No. 1, December 2014, ISSN 0975 -8925.
- R.Manikandan, R.Ramesh "**A Survey on Classification of Opinion Mining Techniques",** International Journal of Emerging Business Issues (IJRSH), Volume No. 1, December 2014, ISSN 0975 -8925.

Conferences & Workshops attended

- Presented Paper entitled **"Artificial Intelligence & Gaming"** in National Conference on Emerging Trends & Advancements in Intelligent Computing at Sri Ramakrishna College of Arts and Science for Women, Coimbatore at March 2017.
- Presented Paper entitled **"Data Mining Tools Analysis"** in National Conference on Emerging Trends in Networking & Security at Kodikanal Christian College in September 2013.
- Attended two days Workshop on **"Digital Image Processing & Hands on Sessions in MATLAB"** at Sri Venkateswara Group of Institutions, Coimbatore from June 09 2014 to June 10 2014.
- Attended one day Training on **"Data Mining using 'R' Tool –Hands on Sessions"** at Sri Venkateswara Group of Institutions, Coimbatore in January 2015.
- Attended one day Faculty Development Programme on **"Data Mining using WEKA and Rapid miner"** at Sri Venkateswara Group of Institutions, Coimbatore in July 2015.
- Attended one day Seminar on **"Information Security and Risk Management"** at Sri Venkateswara Group of Institutions, Coimbatore in July 2015.
- Attended one day Faculty Development Programme on **"Research Orientation using 'R' Tool –Hands on Sessions"** at Sri Venkateswara Group of Institutions, Coimbatore in January 2016.

Teaching: Subjects Taught

- Programming- Python / R / JAVA / PHP
- Data mining / Data Analytics
- Data Structures
- DBMS / Oracle
- Software Engineering / Software Project management