Name	**: Dr. Omprakash S**

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Designation   : Assistant Proifessor

Department   : Computer Science

Qualification : M.Sc., M.Phil., Ph.D.

Experience   : Teaching **-** 16 Years 10 Months | Research - 14 Years |
                  Industry - Years

Specialization: Data Warehousing and Mining

Email   : Omprakash.s@drngpasc.ac.in

Academic Qualifications

Degree	Branch	Institution / University Name	Year
Ph.D.	Computer Science	SRMV College Arts and Science	2022
M.Phil.	Computer Science	SRMV College Arts and Science	2008
M.Sc.	Computer Science	SRS College of Science and Commerce	2005
B.Sc.	Computer Science	SRMV College Arts and Science	2003

Additional Qualifications

Dip. / Cert.	Area of Specialization	Institution / Agency Name	Year
Certificate	Block Chain and It's Application	NPTEL	2024

Research Guidance

Programme	No. of Scholars	
	Awarded	Pursuing
Ph. D.	-	-
M. Phil.	14	-

Research Publications

- S. Omprakash, T. Senthamarai, M. Hemalatha , **Fuzzy C – means Clustering Based On Density Sensitive Distance Metric With a Novel Penalty Term ",** International Journal of Science and Research (IJSR), Vol. 3, Issue 5, ISSN: 2319-706, 4 May 2014.

- R. Mahalingam, S. Omprakash, "**Automatic Clustering for High Dimensional Categorical Data Using Neuro–Fuzzy Classification "** , International Journal of Science and Research (IJSR) Vol 3, Issue 11, ISSN: 2319-7064, November 2014.

- T. Vijayakumar, S.Omprakash, T. Senthamarai, **" An Efficient Approaches to Weighted Recursive pattern Mining Using Association Rules "**, International Journal of Science and Research (IJSR) Vol 4, Issue 10, ISSN: 2319-7064, May 2015.

- G. Vidya, S.Omprakash, **" Survey on Recent Research on High Level Image Retrieval "**, International Journal of Computer Science and Engineering (IJCSE) Vol. 4 , Issue 9, E-ISSN: 2347-2693, September 2016.

- Mr. S. Omprakash., M. Revathy, **"Energy-Efficient and secure IoT-Based Healthcare System Using Body Sensor and Global Mobility Networks"** , International Journal of Computer Science Engineering and Technology, Vol. 3, Issue 1,PP 53-63, ISSN: 2455-9091, January 2017.

- S.Omprakash, R. Nithya, **" An Image Retrieval High Level Semantic Features using Novel Fuzzy Association "** , International Journal of Research in Science Engineering and Technology Vol 4, Issue 5, ISSN: 2394-739X, May 2017.

- S.Omprakash, S. Gokila, **"Principal Components Analysis",** International Journal of Advanced Research in Computer and Communication Engineering, Vol7, Issue 8, ISSN: 2278-1021, August 2018.

- Omprakash Subramaniam, Dr. Ravichandran Mylswamy, **"Ant Colony Optimization Based Support Vector Machine Towards Predicting Coronary Artery Disease",** International Journal of Recent Technology and Engineering Vol 7, Issu 5, PP 210-215, ISSN: 2277-3878, January 2019 (Scopus Indexed),

- S. Omprakash, Dr. M. Ravichandran, **"Data Mining Techniques in Prediction of Coronary Artery Disease",** Journal of Engineering Technologies and Innovative Research, Vol 6, Issue 2, ISSN : 2349-5162, February 2019 (UGC).

- S. Gokila, S.Omprakash, **"A Novel Approach in Crop Yield Predication Based on Seasonal Climate Forecasts Using FFO_RF",** Journal of Engineering Technologies and Innovative Research, Vol 6, Issue 5, May 2019.

- Omprakash Subramaniam, Dr. Ravichandran Mylswamy, **"Prediction of Coronary Artery Disease Using Core Principal Component Based Support Vector Machine",** in International Journal of Scientific and Technology Research, Volume – 8, Issue – 8, August 2019, ISSN: 2277-8616 (Scopus Indexed).

- S Omprakash, M Ravichandran, **"Coronary Artery Disease Prediction Using Hidden Markov Model Based Support Vector Machine"** Indian Journal of Science and Technology, Vol 13, Issue 17, August 2020, (Web of Science Indexed).

- S. Nithyanandh, S. Omprakash, D. Megala, M. P. Karthikeyan**, "Enhance QoS in IoT Network using Improvised Firefly Bio-Inspired Algorithm(EAP-IFB)"**, Indian Journal of Science and, Volume – 13, Issue – 17, August 2023, Technology (Web of Science Indexed).

Presentations in Conference/ Seminar

- Data Mining, National conference on Recent Trends in Network Security, V.L.B Janakiammal College of Arts and Science, Coimbatore, 23-Jan-2009.

- Phylogenetic TreeConstruction UsingPathway Analysis, National conference on Advanced Computing and IT Applications, KGiSL Institute of Information Management, Coimbatore, 20-Mar-2009.

- Development of Next Generation Internet Architecture, National conference on Computer Society of India, Guru Nanak Institution, Hyderabad, 04-Feb-2012.

- FPGA Platform for Communication of Image and Video Data, National Conference on Transition from Inertial to Implementation at Adikalamatha Institute of Management and Research, Thanjavur, 13-Sep-2014.

- Sentiment Analysis & Opinion Mining of Unsupervised National Conference on Network, Communication & Computing, Angappa College of Arts And Science, Coimbatore, 21-Feb-2014.

- Overview of Support Vector Machine in Data MiningTechnique, International Conference on Data Science and Analytical -ICDSA'21, Rathinam College of Arts and Science, Coimbatore, 19-Feb-2021.

- Classification Techniques in Heart Disease Predicition, International Virtual Conference on Applied Mathematics & Intelligent Computing, Ramakrishna College of Arts and Science for Women, Coimbatore, 03-Mar-21

- Principal Component Analysis in Heart Disease Prediction, International Virtual Conference on Machine Learning and Data Analytics for Business Decision Making, Vivekanandha Institute of Information and Management Studies, Tirchengode, 05-Mar-21 & 06-Mar-21.
- An Analysis of How Blockchain Technology is Utilized Nfts in the Gaming Industry, National conference on Advanced Computational Intelligence & Disruptive Technologies PSG College of Arts and Science, Coimbatore, 06-Mar-2024.

Participation in Conference/Seminar

- National Seminar on Nuance of IT at Dr. S.N.S Rajalakshmi College of Arts and Science, Coimbatore, 12-Jan-2009.
- National Seminar on Recent Trends in Information Technology at Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, 23-Mar-2009.
- National Seminar on Quality Education for Social Transformation at Kovai kalaimagal College of Arts and Science, Coimbatore.01-Mar-2013 & 02-Mar-213.
- International Seminar on Challenges and Opportunities in Computing Research at Sree Saraswathi Thayagaraja College, Pollachi, 5-Aug-2014.
- National Seminar on Internet of Things (IoT) in 5G Mobiles Technology, Anamalai University, 23-Aug-18.
- Seminar on R and STATCRAFT, PSGR Krishnammal College for Women, Coimbatore, 03-Oct-18
- National Level seminar on Role of Digitization sector in Rural Economy, Sankara College of Science and Commerce,18-Aug-22.

Participation in Orientation Programme / Short Term Courses

- District level Disaster Management and First Aid Training Programme, Adithya Institute of Technology, Coimbatore jointly wuith Red Cross Society, Coimbatore. 27-Sept-2019, to 1-Oct-2019.
- IQAC Skill Matrix Programme on "Data Science and Industry Trends Micro Soft Azure Raspberry PI", Sankara College of Science and Commerce, 17-May-20 & 23-May-20.

- IP Awareness/Training Program Under National Intellectual Property Awareness Mission, Intellectual property office and MoE's Innovation Cell, India, 24-Jan-2023.

Participation in Faculty Development Programme

- District level Dissemination Workshop at Indian Red Cross Society, Coimbatore,19-Jul-11.
- Network Simulatior (NS2), Rathinam College of Arts and Science College, Coimbatore, 13-Jan-15.
- People Empowering People, ICT Academy of Tamil Nadu and CIT, 28 & 29-May-15.
- Outcome Based Education, Sankara College of Science and Commerce, 23-Jun-18.
- Biological Data Mining and Analytics, PSGR Krishnammal College for Women, Coimbatore, 29-Sep-2018.
- Global Business Foundation skills, Infosys, Chennai, 20-Nov-18 to 28- Nov-18.
- Outcome Based Education, Sankara College of Science and Commerce, 26 & 27-May-20.
- Series 2022, Sankara College of Science and Commerce, 24-Jan-2022 to 29-Jan-2022.
- Personality Grooming - handling Stress and Emotional Intelligence, PPG College of Arts and Science, 02-Jan-23 to 06-Jan-23.
- Up skill Your Resources, Ayya Nadar Janaki Ammal College, 07-07-23 to 13-07-23.
- Artificial Intelligence in Advanced Machine Learning & Cloud Computing, Haldia Institute of Technology, 10-Jul-23 to 14-Jul-23.
- Artificial Intelligence, Machine Learning & it's Application, Bharat Institute of Engineering & Technology, Hyderabad, 10-Jul-23 to 14-Jul-23.
- Tools and Techniques, KG College of Arts and Science, 10-Jul-23 to 15-Jul-23.
- Art of Effective Teaching, Suguna College of Arts and Science, 31-Jul-23 to 04-Aug-23.
- Cloud Infrastructure, KG College of Arts and Science, 21-Aug-23 to25-Aug-23.
- Research Toolbox Reloaded: Amplify your Scholarly Endeavors, Hindusthan College of Arts and Science, 21-Aug-23 to 25-Aug-23.

Participation in Workshop

- Open Source, 365 Corporate Solutions LLP, Coimbatore,22-Jan-2011.
- Data Mining using SQL Server 2000 and WEKA, Sri Krishna college of Engineering and Technology, Coimbatore, 29-Oct-2011 & 30-Oct-2011.
- Current Trends and Directions in Computer Science Research, Dr. N.G.P. Arts and Science College, 03-Oct-13 to 05-Oct-13.
- How to Tap Funding Agencies?, Sankara College of Science and Commerce, 2-Mar-2019.
- Research Metrics, Statistical Tools and IPR for Quality Research, PSGR Krishnammal College for Women, 18-Mar-19.
- Cyber Security, Christ University bangalore, 23-Apl-23.
- Data Analytics & AI, Centre for Computer Science and Information Technology, University of Calicut, 15-Jun-2024.

Conference / Seminar / Workshop Organized

- 24 Hours Intelligent Learning Hackathon 2020, Sankara College of Science and Commerce, Coimbatore, 8-Jan-2020 & 9-Jan-2020.

Awards / Honors

Awards / Honors	Agency / Institute	Year
Best Professor	Puducherry Academic Research Association	2020
Active participation	Indian Red Cross Society, Coimbatore	2020
Active participation	Indian Red Cross Society, Coimbatore	2014