

Faculty Profile

Name: **Dr. D Saravanan**

Designation: Professor and Area Chair

Teaching Areas: Management Information System
Business Intelligence and Analytics
Fundamental of Information Security

Research Interest: Image Processing
Cluster Analysis
Knowledge extraction

Education: Ph.D(Computer Science and Engineering)-Sathyabama university-2014
M.E-(Computer Science and Engineering)-Sathyabama university-2005
MBA-Madurai Kamaraj University-2021
MA(YHE)-Barathiar University-2011
M.Phil-(Computer Science)-Mononmaniam Sundaranar University-2002
MCA-Madras University-1999.



Research/Selected Publications:

1. Saravanan, D. (2024). Applying the Image Outline Creation Procedure for Extracting the Visual Content of Images. *Advances in Computational Intelligence and Informatics. ICACII 2023. Lecture Notes in Networks and Systems*, vol 993. Springer, Singapore. https://doi.org/10.1007/978-981-97-4727-6_36,
2. Saravanan, D., Vaithyasubramaniam, Babu, D., Sundarajan, R., Kirubhashankar, C. K., Krishnan, V. K. (2024) "Mathematical modeling in the analysis of viral diseases and communicable diseases", *Revolutionizing the healthcare sector with AI*, Chapter 14, Pages 273-292, IGI Global , ISBN: 9798369337318
3. Saravanan, D. (2024) "A Study on content based image retrieval using knowledge extraction technique", *Journal of Informatics Education and Research*, ISSN: 1526-4726, Volume 4, Issues 1(2024), Pages 981-990, <https://doi.org/10.52783/jier.v4i1.670>
4. Joseph, D., Roy, S., Raju, A., Saravanan, D., Yadav, S. K. (2024) "Analysis of the influence of knowledge management practices and systems of firm performance", *Academy of marketing marketing studies journal*, Volume 28, Issues 4, 2024, Pages 01-10, ISSN 1528-2678.
5. Urkude, S., Saravanan, D. (2024) " Exploring the blockchain application in healthcare sector: A systematic literature review", *Proceeding of the Third international conference on Innovative Mechanisms for industry applications (ICMIA 2024)*, Pages 240-247, IEEE Xplore part number :CFP23K58-ART, ISBN:978-8-3503-4363-2, May 2024