

## **RESUME**

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### **Areas of interest**

- Artificial Neural Networks
- Image Processing

### **Research/Publications**

***Reviewer in the International Journal of Computer Theory and Engineering (IJCTE) and International Journal of Engineering and Technology (IJET)***

- **ACORD - An Adaptive Corner Detection Algorithm for Planar Curves** - Pattern Recognition, pp. 703-708, 2003.
- **Introduction to Artificial Neural Networks** – Bioinformatics India – Journal, 2005
- **ART network – A solution for Effective Warranty Management** – Journal of cooperation among University, Research and Industrial Enterprises(CURIE), 2008
- **“A Novel Approach to Classify Noises in Images Using Artificial Neural Network”**, Journal of Computer Science, 6(5), 2010, pp.541-545, ISSN:1549-3636
- **“Probabilistic Neural Network – A Better Solution for Noise Classification”**, Journal of Theoretical and Applied Information Technology, Vol. 27, No. 1, 2011, pp. 39-42, E-ISSN 1817-3195 / ISSN 1992-8615.
- **“Applicability of BPN and MLP neural networks for classification of noises present in different image formats”**, International Journal of Computer Applications, Vol. 26 No. 5, 2011, pp. 10-14, DOI: 10.5120/3101-4259
- **“Application of Neural Networks for Noise and Filter Classification to enhance the Image Quality”**, International Journal of Computer Science Issues, Vol. 8, Issue 5, pp. 314-317, September 2011
- **“Improving de-duplication efficiency with multilevel hashing in cloud storage backup”**, International Journal of Control Theory and Applications, 9(26) pp.7-13, January 2016

### **Papers Presented**

### **International Conferences**

- **“Role of filters in image enhancement – A survey”** in the International Conference on Mathematics & Computer Science organized by Loyola College, Chennai during 2007.
- **“A study of existing Neural Network models”** in the International Conference on Systemics, Cybernetics and Informatics organized by Pentagram Research Centre, Hyderabad during 2008.
- **“SOM network – A solution for effective Complaints Management”** in the International Conference on Digital Factory organized by CIT, Coimbatore during 2008.
- **“A study on Contemporary approaches in Facial Feature Extraction”** in the International Conference on Emerging Trends in Computing organized by Kamaraj College of Engineering & Technology, Virudhunagar during 2009.
- **“An Automated Image Noise Identification Using Back Propagation Neural Network”**, Proceedings of the International Conference on Mathematics & Computer Science, Chennai, India, February 2010, pp. 520-523
- **“Improving de-duplication efficiency with multilevel hashing in cloud storage backup”**, Proceedings of the International Conference on Computing Communication and Information Science (ICCCIS’16), 2016

#### National Conferences

- **“A Novel Approach for the De duplication using Hashing Algorithm”** in the National Conference on “Impact of Computing Technologies in Emerging Scientific fields” organized by SRM University, Tamilnadu during 2012.
- **“A Quantitative Analysis on De duplication Algorithm”** in the National Conference on “Emerging Trends in Computer Science” organized by Sree Sastha Institute of Engineering and Technology, Tamilnadu, during 2011.
- **“Clustering in Web Applications”** in the National Conference on “Machine Learning and Computing” organized by Sri Venkateswara College of Engineering, Sriperumbudur during 2010.
- **“Clustering Algorithms for Pattern Classification”** in the National Conference on “Intelligent Systems and Networks” organized by Haryana Engg. College, Haryana during 2005.
- **“University Information Enquiry using NLP and GA”** in the National Conference on “Vision, Graphics and Image Processing” organized by Jawaharlal Nehru National College of Engg., Karnataka during 2005.
- **“A Neuro Fuzzy Approach to misuse Intrusion Detection System”** in the National Conference on “Networks and Distributed Systems” organized by Osmania University, Hyderabad during 2005.
- **“Fuzzy Knowledge Base-A Solution to Pattern Mining”** in the National Conference on "Object and Component Technologies, OBCOM -2003" held at VIT.