

## **FACULTY PROFILE**



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**Total experience (in years): 17**

**Research area:** Algorithms, Image processing, Machine Learning

### **Publications**

1. "Relevant association rule mining from medical dataset using new irrelevant rule elimination technique", International Conference on Information Communication and Embedded Systems (ICICES), 2013. IEEE.
2. "Effective categorization of text in practical design", International Conference on Information Communication and Embedded Systems (ICICES), 2014. IEEE.
3. "Tracking and Recognizing the moving Object in Real Time Using Frame Difference Method", "International Conference(ICACSIT)", 10th March 2013 , ITRResearch, India.
4. "Trade-off between Re-Keying and Storage Space in Group Communications", "International Journal of Computing Communication and Control Engineering (IJCCCE)", Vol 1, No.8, Issue March 2012.
5. "New data mining algorithm for intrusion detection in networks", International Journal of Computer Science and Mobile Computing (IJCSMC) , Vol. 2, Issue. 4, April 2013, pg.610 – 614 , ISSN:2320-088X .
6. "User Centric Access Control in Cloud Using Identity Management", "International Journal of Engineering and Innovative Technology (IJEIT)", Volume 2, Issue 7, January 2013.

7. "Lossless Compression for Compound Documents Based on Block Classification", "International Journal of Computer Science and Mobile Computing (IJCSMC)", Vol. 3, Issue. 2, February 2014, pg.450 – 458 ISSN 2320–088X.
8. "Enabling data security in cloud computing using third party auditing and encryption services", "International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)", Vol. 2, Issue. 2, February 2014, pg.3168 – 3173 ISSN 2320–9801.
9. "Brain tumor segmentation using k-means clustering and fuzzy c-means algorithm and its area calculation", "International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)", Vol. 2, Issue. 3, March 2014, pg.3496 – 3501 ISSN 2320–9801.
10. "Segmentation Algorithms For Extraction Of Coronary Vessels In Angiographic Images – A Survey", Advances in Natural and Applied Sciences, ISSN: 1995-0772, EISSN: 1998-1090, 2017 May 11(7): pages 253-257.
11. "Dual Threshold Based Approach for Coronary Vessel Segmentation in X-Ray Angiograms using BitCon Algorithm", International Journal of Pure and Applied Mathematics, Volume 119 No. 7 2018, 199-206, ISSN: 1314-3395.
12. "Coronary Vessel Extraction Algorithm for Block Detection in Angiograms", International Journal of Pharmaceutical Research, April- June 2019, Vol 11, Issue 2
13. "Interactive glove", Journal of International Pharmaceutical Research, Volume 46, Issue 3, 2019, pg no.776-779.
14. "Stenosis Detection Algorithm for Coronary Angiograms", International Journal of Innovative Technology and Exploring Engineering, 2019, 8(9):2362-2367.