

List of Research Paper

International Conferences

- Research paper on “Proposed Model for an Expert System for Diagnosing Degenerative Diseases- using Image Processing and Neural Network “at 2nd International Conference on ICT for Intelligent Systems held in Ahmedabad March 25-26, 2017.
- Research paper presented on topic “Advanced about Cascading Cryptography“ at INCONCYSE 2015 – International Conference on Cyber Security at Gujarat Forensic Sciences University, Gandhinagar, Gujarat to be held on 13 th and 14 th March, 2015.
- Research Paper on topic “IT Enabled Rural Marketing – Opportunities & challenges” at Inter-National Conference held at Pioneer Institute, Indore from Oct 13- Oct 14, 2006.
- Research paper on topic “Role of IT in Business Transformation” in International Conference that will held at Udaipur in Sep, 2008.
- Research paper on topic “ Implementation of signal transformation in visual cortex using steerable filter” at International conference on Next Generation Communication and computing system organized by Institution of engineers, technocrat and academic network India that held at Chandigarh on Dec 25-26-2010.
- Research Paper on topic “Rendering and Simplification of Image using threshold value and CSF” at International conference on Intelligent System and Data Processing-ICISD held at GH Patel college of Eng. And Technology on Jan 24-25, 2011.
- Research paper on the topic “Innovative algorithms for Vision Defect Identification System” at International conference on Intelligent System and Signal Processing held at GH Patel college of Eng. And Technology on March 1-2, 2013.

Published Paper

- Mr. Vaiwala Vimal, Dr. R. Ramakrishnan and Dr. Vishal Dahiya published paper on “Comparison of shadow removal and detection techniques”, International Journal of Multidisciplinary Research, Volume-VI, Issue 9(I) January, 2017 ISSN 2277-9302.
- Mr. Nisarg U Shah and Dr. Vishal Dahiya published paper ,”Comparison of Global Local contrast enhancement using Image Processing “ ,International Journal of Application or Innovation in Engineering and Management, Volume 4, Issue 11, November 2015 ISSN 2319 – 4847 pg 16-22.

- Ms. Anuradha Naik, Mr. Nikhil Barot, Ms. Rutvi Brahmhatt and Dr. Vishal Dahiya published paper, "Comparison between spatial and frequency domain methods", International Journal of Emerging Research in Management & Technology ISSN: 2278-9359 , Volume-4, Issue-12, December 2015, pg 45-50.
- Mr. Jay Shah, Mr. Jigar Vavadia, Mr. Vishal Banwari, and Dr. Vishal Dahiya published paper, "Enhancement of Security in Steganography " , International Journal of Advance research in Computer Science and Software Engineering, Volume 5, Issue 11, November 2015 ISSN 2277 – 128x pg 155-158.
- Research paper titled: "Mining Sequence: Approaches and Analysis" International Journal for Innovative research in Science and Technology (IJIRST), Volume 1 Issue 7, Dec 2014, ISSN-2349-6010.
- Research paper titled " VDIS using Knowledge Base and Image Processing Framework" International Journal of Research in Computer and communication Technology (IJRRCT) ISSN 2278-5841 Volume No. 1, Issue No. 1, pp- 4-10 (2012).
- Research paper titled " Generating Knowledge Based System using Fuzzy Rule Base for Vision Defect Identification" International Transactions on Electrical, Electronics and Communication Engineering (ITEECE), Vol. 2, No.2, pp-14-20 (2012).
- Research paper titled "Vision Defects Identification System using Image Processing" **International Journal of Research and Innovation in Computer Engineering (IJRICE)** Volume 2, Issue 2, pp-219-222 (2012).
- Research paper titled "Perceptually oriented geometric primitives simplification for accelerating rendering", International Journal of Applied Science & Technology Research Excellence, 2250-2718 , vol.2, no.1, pp.94-96 (2012).
- Research paper titled "Designing fuzzy rule base for vision defects", International Journal of Computer Technology & Applications, ISSN- 2229-6093, vol.3, no.2, pp.734-737 (2012)
- Research paper titled, "Malware vulnerabilities in Mobile OS: Risk and Exploitation", International Journal of Mobile and Adhoc Network, ISSN-0975-3834, Volume 2, Issue 2, May 2012

- Research paper titled “Role of eye perception in analysis of vision defects”, International Journal of Computer Engineering, ISSN- 2412-8856, vol.3, no.2, pp.83-87 (2011)
- Research paper titled “An image processing system for finding vision defects”, International Journal of Computational Intelligence Research, ISSN-0974-1259,vol.7, no.2, pp.135-142 (2011)
- Research paper titled “Role of threshold value and CSF to simplify an d render an image”, International Journal of Computer Applications, , ISSN-2250-1797 ,pp.44-49 (2011)
- Research paper titled “ Analysis of framework and security issues in Android”, International Journal of Computer and Internet Security. ISSN 0974-2247 Volume 3, Number 1 (2011), pp. 17-24.
- Research paper titled “Role of MTF in analyzing the contrast and threshold performance of human visual system”, Prajna, vol.18, pp.117-121 (2009).

National Conferences

- Research paper on topic “A multi-layer architecture of Knowledge Management System” at National Conference of Intelligent Information Research Paper 2006 held at Surat from April 29- April 30.
- Research Paper on topic “Role of IT in Rural development” at National Conference held at Rajkot University, Rajkot from Oct1- Oct 2, 2006.
- Research Paper on topic “Business Transformation through IT” at National Conference held at SKPIMCS, Gandhinagar from Dec 1- Dec 2, 2006.
- Research Paper on topic “Impact of IT in Indian Banking” at National Conference held at SKPIMCS, Gandhinagar from Dec 1- Dec 2, 2006.
- Research paper on topic” IT development with Open source software” at National Conference Organised by SKPIMCS, Gandhinagar from Jan 6-7, 2009.
- Research paper on “ An analytical outlook of the crisis and their Indian Growth Story” at National Conference on Global crisis and its impact on Indian economy organised by dept. Of business management, Saurashtra University, Rajkot.
- Research paper on topic “ Algorithm for signal transformation of primary visual cortex” at national Coneference on Advances in computing and IT at Nehru arts and science college, Coimbatore from Feb 5-6, 2010.

- Research paper on topic “ Role of form saliency metrics for object simplification to accelerate rendering” at National conference Spectrum of IT development at India’s perspective held at Baba Budha College, Bir Sahib, Tarantaran, Amritsar on Feb 17-18, 2012.(Best Ph.D Student Paper)
- Research paper on topic “Perceptually oriented geometric primitive’s simplification for rendering” at two-day symposium on Innovations in Science research scholar meet at SPU, VV Nagar on Jan 8-9, 2012.
- Research paper on topic “Survey on Big Data Road of Challenges Ahead”, at National Conference on Emerging Trends in Engineering Technology & Management at Indus University, Ahmedabad on Jan 31-Feb 1, 2014.
- Research paper on topic “Exploration of Threat Model in Mobile OS”, at National Conference on Emerging Trends in Engineering Technology & Management at Indus University, Ahmedabad on Jan 31-Feb 1, 2014.
- Research paper on topic” Argumentation Mining: Annotation argument elements and challenge involved in Annotating parliamentary debate” at One-day national level seminar under Internal Quality Assurance Cell(IQAC) on Information Technology on March 4,2018.