

## **Publications:-**

### **International Journals:**

1. Nilesh J Uke, Anupkumar M Tarkase, "Cloud-based Multimedia System for Social Interaction", International Journal on Emerging Trends in Technology (IJETT), Volume 3, Issue 2, accepted for September 2016
2. Nilesh J. Uke, Dr. RC Thool, "Objects Tracking in Video - A Object-Oriented Approach Using Unified Modeling Language", International Journal of Computational Vision and Robotics (IJCVR), Inderscience Publishers, Vol. 5, No.2, 2015 pp. 202-216
3. N. J. Uke, Dr. RC Thool, "Motion Tracking System in Video based on Extensive Feature Set", The Imaging Science Journal, ISSN: 13682199, Impact Factor 0.575, Volume 62, Issue 2 (February 2014), pp. 63-72
4. N. J. Uke, Dr. RC Thool, "Cultivating Research in Computer Vision within Graduates and Post-graduates using Open Source", International Journal of Applied Information Systems (IJ AIS), 1(4), pp 1-6, February 2012, published by Foundation of Computer Science, New York, USA.
5. Nilesh J. Uke, Dr. RC Thool, "Drowsiness Detection – A Visual System for Driver Support", International Journal of Electronics Communication and Computer Engineering (IJECCE), Impact Factor 1, Volume 3, Issue 2 , pp 272-276, March 2012.
6. Nilesh J. Uke, Ravindra C Thool, "A Vision Based Driver Support System for Road Sign Detection", Int. J. on Recent Trends in Engineering and Technology, Vol. 10, No. 1, Jan 2014, pp. 128 – 134
7. Nilesh J. Uke, Dr. RC Thool, "Moving Vehicle Detection for Measuring Traffic Count Using OpenCV ", Journal of Automation and Control Engineering (JOACE), ISSN: 2301-3702, Volume 1, No. 4, 2013 , pp 349-352
8. Nilesh J. Uke, Dr. RC Thool, "Local Binary Pattern for Effective Moving Object Detection and Tracking in Video", Elixir International Journal of Computer Science & Engineering, 65 (2013) , pp. 19640-19646
9. NJ Uke and Dr. RC Thool, "Detecting Pornography on Web to Prevent Child Abuse – A Computer Vision Approach", International Journal of Scientific and Engineering Research (IJSER), Volume 3, Issue 4, April 2012
10. Balaji R. Dande , Nilesh J Uke, "Secured Data Aggregation in WSN using Genetics", International Journal of Research and Scientific Innovation, ISSN: 2321 – 2705, (Volume II Issue V), May 2015
11. Shivganga Mujgond, Nilesh J Uke, "Role Based Security System For Effective Space Utilization Using Hybrid Cloud", International Journal of computer Applications in Engineering Technology and Sciences (IJ-CA-ETS) April 2015 issue
12. Tejal Arekar, Mrs. R.S. Sonar, Dr. N. J. Uke, "A Survey on Recommendation System", International Journal of Innovative Research in Advanced Engineering (IJIRAE) ISSN: 2349-2163 Volume 2 Issue 1 (January 2015) pp.1-5
13. Smita Kakade, Dr. NJ Uke, Nirija Jain, "Real Time Human Detection using HOG feature as human descriptor and variable size sliding window", Advances in Computer Science and Information Technology (ACSIT), Print ISSN: 2393-9907; Online ISSN: 2393-9915; Volume 1, Number 1; October, 2014 pp. 27-29

14. AM Magar, Nilesh J. Uke , "Use of AST for Translating Executable UML Models to Java Code in Eclipse and Testing Strategy for UML Models", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol 3, issue 7, pp 157-160, Dec 2013
15. AM Magar, NJ Uke, "Executable UML plug-in for Eclipse", International Journal of Advanced Computer Research, ISSN 2249-7277, online 2277-7970, Vol-3, Number-3, issue-11, pp. 230-233, Sept 2013
16. Avinash A. Utikar, Nilesh J. Uke, "Motion Tracking and Abandoned Objects Detection using Video Surveillance", International Journal of Research and Scientific Innovation(IJRSI) ISSN: 2321 – 2705 , Volume I & Issue VIII , November 2014 /553-556
17. Avinash A. Utikar, Dr. Nilesh J. Uke, "Abandoned Object Detection in Educational Institutes using Video Surveillance", International Journal of Advanced Research in Computer and Communication Engineering, ISSN (Online) : 2278-1021 ISSN (Print) : 2319-5940, Vol. 3, Issue 10, October 2014 pp. 8219-8222
18. Samir Pakojwar, Dr. NJ Uke, "Security in Online Banking Services –A Comparative Study", International Journal of Innovative Research in Science, Engineering and Technology , Volume 3, Issue 10, October 2014 pp 16850- 16857 ISBN: 2319-8753
19. Gunjan Dhole, Dr. N. J. Uke, "Medical Information Extraction Using Natural Language Interpretation", AVC (Advances in vision computing: An international Journal) , Vol 1 number 1, March-2014
20. Gunjan Dhole , Dr. Nilesh J Uke ,"NLP Based Retrieval Of Medical Information For Diagnosis Of Human Diseases", International Journal of Research in Engineering and Technology eISSN: 2319-1163 | pISSN: 2321-7308 , pp. 1-6 Volume-03 Issue-10, Oct 2014
21. Tanvi Kulkarni, Dr. Nilesh J. Uke, "Image Based Flower Classification System Using Visual Vocabulary", Cyber Times-International Journal of Technology & Management, March 2014, Vol.7, Issue 1, pp.228-233.
22. Asmita Shirsath, MJ Chouhan, N. J. Uke, "Image Retrieval Based On WBCH And Clustering Algorithm", International Journal of Management & Information Technology (IJMIT), Vol 5, No 3, pp. 604-613, Sep 2013
23. Asmita Shirsath, M.J.Chouhan, N. J. Uke, "Image Retrieval Based On DWT and Clustering Algorithm", International Journal of Scientific & Engineering Research Volume 4, Issue 3, pp. 1-5, March 2013
24. Pallavi S Bangare, Nilesh J Uke , Sunil L Bangare, "Implementation of Abandoned Object Detection in Real Time Environment", International Journal of Computer Applications 57(12):13-16, Nov 2012
25. Pallavi S. Bangare, Nilesh J. Uke, Sunil L. Bangare "An Approach for Detecting Abandoned Object from Real Time Video" International Journal of Engineering Research and Applications (IJERA), Vol. 2, Issue 3, May-Jun 2012, pp. 2646-2649
26. Gauri Tagunde, Chitrakant Banchhor , Nilesh Uke, "Detection, Classification and Recognition of road traffic signs using color and shape information", International Journal of Advanced Technology & Engineering Research, Vol 2, Issue 4, July 2012, pp. 202-206
27. P V Khobragade and Nilesh Uke, "Cogent Sharing Of Covert File Using Audio Cryptographic Scheme", International Journal of Applied Information Systems 1(8):1-4, April 2012.

28. DW Chinchkhede, NJ Uke, "Image Segmentation In Video Sequences Using Modified Background Subtraction", International Journal of Computer Science & Information Technology (IJCSIT), Vol 2 Issue 6, Feb 2012
29. VV Kimbahune, NJ Uke, "Blood Cell Image Segmentation And Counting", International Journal of Engineering Science and Technology (IJEST), Vol. 3 , pp 2448, Mar 2011

### **International Conference Proceedings:**

1. Nilesh J. Uke, Dr. RC Thool, "Segmentation and Organization Lecture Video based on Visual Contents", 2nd International Conference on e-Education, eBusiness, e-Management and E-Learning (IC4E 2011), Mumbai India, pp. 399-401, 7-9 Jan 2011.
2. Nilesh J. Uke, Dr. RC Thool, "Moving Vehicle Detection for Measuring Traffic Count Using OpenCV ", in proceedings of 4th International Conference on Conference on Electronics Computer Technology -ICECT 2012, Kanyakumari, India, pp. 401-404, 6 - 8 April 2012.
3. Nilesh J. Uke, Dr. RC Thool, "Road Sign Detection - A Vision Based Driver Support System", in proceedings of 2nd International Conference on Advances in Signal Processing and Communication – SPC 2013, Lucknow, India, pp. 388-394, 21-22 June 2013.
4. NJ Uke, Dr. RC Thool, "Playfully Teaching Artificial Intelligence by Implementing Games to undergraduates", International Conference & Workshop On Emerging Trends In Technology 25-26 Feb 2011
5. Nilesh J Uke, Dr. RC Thool, "Segmentation and Organization Lecture Video based on Visual Contents", 2nd International Conference on e-Education, e-Business, e-Management and E-Learning (IC4E 2011), Mumbai India, 7-9 Jan 2011.
6. NJ Uke, Dr. RC Thool, "SOLVENT: Segmentation and Organization Lecture Video based on conteNTs", Second International Conference on Multimedia and Content Based Image Retrieval, 21-23 Jul 2010, ICMCBIR-2010, Bangalore
7. NJ Uke, M. Shelar, "Region of Interest of accurate human object detection", in proceedings of International conference, INCON-V-2010, Institute of International Business and research Pune, March 13-14 2010
8. NJ Uke, "Playfully Teaching Artificial Intelligence by Implementing Games", International Conference Seminar on "Green-IT & Open Source", GIT 2010, 20-22 Feb 2010
9. N.J. Uke, Rachana Satav, "Effective Method for object tracking", in proceedings of International conference ITECH-09, Amrutvahini College of Engineering, Sangamner, 4-5 March 2009.
10. Priya Dudhale Pise and Nilesh J. Uke, "Efficient Security Framework for Sensitive Data Sharing and Privacy Preserving on Big-Data and Cloud Platforms" In Proceedings of the International Conference on Internet of things and Cloud Computing (ICC '16), ACM, New York, NY, USA, , Article 38 , 5 pages 2016.
11. Shivganga Mujgond, Nilesh J Uke,. "Deduplication Strategy For Efficient Use Of Cloud Storage" in proceedings of 4th International Conference on Cloud Computing Computer Science And Advances In Information Technology (ICCCIT) 2015,ISBN: 978-93-85225-09-3,15th March, 2015, pp. 26-32
12. Avinash A. Utikar, Dr. Nilesh J. Uke, "Motion Tracking and Abandoned Objects Detection

using Video Surveillance”, International Conference on Multidisciplinary Research & Practice (ICMRP-2014) , 30th November 2014 at Ahmedabad,

13. Avinash Utikar, Dr. Nilesh J Uke, “Abandoned Object Detection in Educational Institutes using Video Surveillance” International Conference on Image Processing, Computer Vision, and Pattern Recognition (ICIPCVPR) on 19th October 2014 at Pune, India

14. Dr. Pankaja Bagul, Dr. Nilesh J Uke, “Algorithms in Architectural Design”, in proceedings of first international conference on E&TC, Electrical and Computer Engineering , Technovision, 5-6 April 2014.

15. Manoj Mulik, Nilesh Uke, “Automatic Internationalization And Localization Based On The IP Address Ranges”, 4th International Conference, CONFLUENCE 2013: The Next Generation Information Technology Summit, 26th - 27th Sept. 2013 at Amity University Uttar Pradesh, Noida, India.

16. Manoj Mulik, Nilesh Uke, “Machine Translation for internationalizing web product”, RITS International Conference on Advancements in Engineering & Management (RITSICAEM- 2013), Hyderabad, Page No-746-751 , 27-28 Feb.2013

17. Manoj Mullik, Nilesh J Uke, “Motion Detection Techniques And Algorithms”, International Conference on Current Trends and Challenges in Management, Engineering, Computer Application and Technology (ICCTCMECAT 2012) ,23-25 March 2012

18. AM Magar, NJ Uke, “Executable UML plug-in for Eclipse”, in proceedings of International conference on Emerging Trends, Technology and Research, ICETTR-2013, 21-22 Sep 2013, Nagpur, India

19. Jyoti Kulkarni, NJ Uke, “TV Commercial Detection”, International Conference on Advances in Engineering and Technology - 2013 (ICAET 2013) 15 -17 May, 2013 SKN Sinhgad Institute of Technology and Science, Lonavala, Pune, India.

20. MD Shelar, NJ Uke, “Video Segmentation and Video Indexing For E-Learning”, 2012 International Conference on Communication and Electronics Information - ICCEI 2012, Mumbai India, Mumbai India, 14-15 Jan 2012

21. P. Khobragade , NJ Uke, “Binary Audio Cryptography Scheme”, International Conference on Computer Applications -ICCA 2012, Pondicherry, India,27 - 31, January, 2012

22. VV Kimbahune, Nilesh Uke, “Blood Cell Segmentation and Counting”, in proceedings of iCost-2011 International Conference On Sunrise Technologies , Dhule, India, 13-15 January 2011.

23. Prashant Dhotre and Nilesh Uke, “ An Eye Based Drowsy Driver Detection and Alert System”, in proceedings of iCost 2011 International Conference On Sunrise Technologies , Dhule, 13-15 January 2011

24. Smita Kakade, Nilesh Uke, “Star Skeleton Model with Occlusion Removal for Real Time Human Detection and Tracking”, International Conference on Intelligent System and Data Processing (ICISD 2011), G H Patel College of Engineering and Technology, Vallabh Vidyanagar, India during January 24-25, 2011

25. S. Kakade, NJ Uke, “Real Time human detection using covariance matrices as human descriptor” , 2012 4th International Conference on Computer and Automation Engineering (ICCAE 2012), Mumbai, 12-14 Jan 2012

### **National Conferences:**

1. Nilesh J Uke, Shailaja Uke "Social Media (Mobile-instant messaging services) usage – A Ethical Responsibility towards the Environment" in proceedings of State level Conference 2016 on "Creating a Livable Planet" Under QIP of SPPU on 22nd January & 23rd January, 2016: VIM, Pune, pp 42-46
2. Nilesh J Uke, Shailaja Uke, "Picture Collage – Effective Method for Organizing Smartphone Images" in proceedings of National Conference on Technical Revolution "NCTR-2016" on 10th & 11th March 2016 At Anantrao Pawar College of Engineering & Research Parvati, Pune-09
3. Pramod Khandare, Nilesh Uke, "Efficient Query Processing in Geographic Web Search Engines" in proceedings of 7th Postgraduate and Doctoral conference for Information Technology - iPGDCon-2016, 29-30 April 2016, Pune, pp.198-201
4. Monali Rajurkar, Nilesh Uke, "Technique for Preventing SQL Injection Attack by Using Pattern Matching" in proceedings of 7th Postgraduate and Doctoral conference for Information Technology - iPGDCon-2016,29-30 April 2016, Pune pp.193-197
5. Ndayishimye Moise, Nilesh Uke, "Data Processing with Integration of Wireless Sensor Network and Mobile Cloud" in proceedings of 7th Post graduate and Doctoral conference for Information Technology - iPGDCon-2016,29-30 April 2016, Pune pp.141-145
6. Ivan K. Bisengimana, Nilesh Uke, "Image Based Attendance Analysis" in proceedings of 7th Post graduate and Doctoral conference for Information Technology - iPGDCon-2016,29-30 April 2016, Pune pp.122-126
7. Gautami Deshmukh, Nilesh Uke, "Moving Vehicle Detection and Counting" in proceedings of 7th Post graduate and Doctoral conference for Information Technology - iPGDCon-2016,29-30 April 2016, Pune pp.118-121
8. NJ Uke, RC Thool, "Segmentation and Organization Lecture Video based on Contents", E3C 2010, Conference on Emerging Trends in Electronics Engineering and Computing, JD College of Engineering, Nagpur, Feb 9.10 ,2010
9. NJ Uke, Dr RC Thool, "Segmentation and organization of Lecture video", Innovations 2009, Conference for Engineering Teachers, Organized by BCUD, Pune University, Pune, 16-17 Dec 2009, PP 49
10. NJ Uke, Dr. RC Thool, "SOLVENT: Segmentation and Organization Lecture Video based on conteNTs", Innovations 2010, Conference for Engineering Teachers, Organized by BCUD, Pune University, Pune, 26-27 Oct 2010, PP 47
11. N.J. Uke, Rachana Satav, "Motion Estimation of Video Sequences using BMA's" National Level Conference at NCRTIT-2009, Padmashri Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar , 20 -21 February 2009.
12. N.J. Uke, DW Chinchkhede, "Human Centered Multimedia Computing", National conference on Emerging trends in communication and information technology, ETCIT-2008, HVPM college of Engineering, Amaravati, 19-20 Sep 2008
13. Nilesh Uke, SD Joshi, SH Patil, "Risk and Challenges of Mobile phone communication", in proceedings of National Conference on Advances in Electronics Communication, ADELCO 2005, Kovilpatti, TN, India, 18-19 April 2005.
14. NJ Uke, SL Jundale, SN Uke, "The Ethics of human cloning ", in National Conference on Emerging Trends in Biomedical Engineering, BICON 2005, 15-16 Sep 2005.

15. Nilesh Uke, SD Joshi, "Mobile Cloning- A Cellular Fraud", in proceedings of National Conference on Cyber Crimes, Past, Present and Future at BV IOMRDA , Sangli, BVCON'2005, 11-12 March 2005.
16. Manoj Mullik, NJ Uke, "The Process of Internationalization and Localization", In proceedings of National Conference on Technical Revolution (NCTR - 2015) Savitribai Phule Pune University and Anantrao Pawar College of Engineering & Research, 9 and 10 January 2015, pp. 70
17. NK Kathore, AK Tarkase, NJ Uke, "Adaptive Video streaming for mobile users- a systematic review", In proceedings of National Conference on Technical Revolution (NCTR - 2015) Savitribai Phule Pune University and Anantrao Pawar College of Engineering & Research, 9 and 10 January 2015, pp. 124
18. AK Tarkase, NK Kathore, NJ Uke, "Cloud based social multimedia for mobile users – A retrospective view" In proceedings of National Conference on Technical Revolution (NCTR - 2015) Savitribai Phule Pune University and Anantrao Pawar College of Engineering & Research, 9 and 10 January 2015, pp. 125
19. Balaji R. Dande , Nilesh J Uke, "Cluster Based Secure Data Aggregation in WSN using Genetics of domain Security", in Fourth Post Graduate Conference for Information Technology iPGCON-2015
20. Nikhil M Kathore, Nilesh J Uke, "Social-Aware Video Pre-fetching for Multimedia Streaming" in Fourth Post Graduate Conference for Information Technology iPGCON-2015
21. Samir A. Pakojwar , Nilesh J Uke, "Secure Document Transmission Framework Using Digital Image Steganography in Fourth Post Graduate Conference for Information Technology iPGCON-2015
22. Shivganga S Mujgond , Nilesh J Uke, "A Novel Mechanism To Check Data Deduplication In A Secured Cloud", in Fourth Post Graduate Conference for Information Technology iPGCON-2015
23. Mukta Deshpande, Nilesh Uke, "Intelligent Design in Architecture", in proceedings of National Conference on Emerging Trends in Architecture and Allied Field - NCETAA- 2014, Sinhgad College of Architecture, Pune and University of Pune, 27-28 Feb 2014, pp 155-166.
24. Manoj Mulik, Nilesh Uke, "Automating the internationalization and localization process", in the proceedings of Post Graduate Conference ,iPGCon 2013 ,12-13 April 2013, PICT Pune, India, pp 261-264
25. Jyoti Kulkarni, NJ Uke, "Automatic Detection of TV Commercial", in the proceedings of Post Graduate Conference ,iPGCon 2013 ,12-13 April 2013, PICT Pune, India, pp 16-20
26. Asmita Sirsat, Nilesh Uke, "Image Retrieval based on clustering algorithm", in the proceedings of Post Graduate Conference ,iPGCon 2013 ,12-13 April 2013, PICT Pune, India, pp 26-32
27. A. M. Magar, G.R. Pathak, Nilesh Uke, "Executable Models for MDA", in the proceedings of Post Graduate Conference ,iPGCon 2013 ,12-13 April 2013, PICT Pune, India
28. Vipin N Jadhao, Aditya N Rajput, Amit A Kale , Nilesh J Uke, "Campus Short Message Service System - Classifying SMS Effectively" IJCA Proceedings on National Conference on Recent Trends in Computing NCRTC(6):15-17, May 2012