

Research Publications by the Faculty

- Prof. R. R. Dube published a research paper entitled “Behavior modeling of soft real-time system using stereotyped extension mechanism” in International Journal of Research in Engineering Technology(IJRET), e-ISSN:2319 -1163/p-ISSN: 2321-7308, volume 3, Issue 9, September 2014.
- Prof. R. R. Dube and Ms. Neha S. Naik published a research paper entitled “Physiological Tremor Estimation methods: An overview” in International Journal of Innovative Science, Engineering and Technology, ISSN: 2348-7968, volume 1, Issue10, December 2014.
- Mrs. R.R. Mergu and Dr. S.K. Dixit presented a research paper entitled “*Towards better performance for speech enhancement*”, in IEEE International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO), 24 & 25 Jan 2015 at Viggan’s Institute of Technology, Duvvada, Vishakhapatnam.
- Mrs. R.R. Mergu and Dr. S.K. Dixit published a research paper entitled “*Hybrid Filtering: An Approach for Speech Enhancement*”, in International Journal of Latest Trends in Engineering and Technology(IJLTET), ISSN : 2348-7550, Volume 4, Issue 4, Nov 2014, pgs.-197-204.
- Mrs. R.R. Mergu and Dr. S.K. Dixit published a research paper entitled “*Hybrid Filtering: A Case Study*”, in International Journal of Advanced Technology in Engg and Sciece (IJATES), ISSN : 2278-627, Volume2, Issue 7, July 2014, pgs.-51-57.
- Ms. A. V. Thalange and Dr. S. K. Dixit published a research paper entitled “*ASL Number Recognition using Open-finger Distance Feature Measurement Technique*” in International Journal of Computer Applications(IJCA), Volume 108 - Number 8:6-9, December 2014 ISSN :0975-8887.
- Ms. A. V. Thalange and Dr. S. K. Dixit published a research paper in IEEE Xplore Digital Library entitled “*Effect of thinning extent on ASL number recognition using open-finger distance feature measurement technique*”, 2015 IEEE International Conference on Signal Processing And Communication Engineering Systems (SPACES), organized by K L University, Vijayawada, India and IEEE - Vizag Bay Subsection on 2-3 Jan 2015. DOI:10.1109/SPACES.2015.7058299.
- Ms. A. V. Thalange and Dr. S. K. Dixit – research paper titled “*Recognition of American Sign Language Alphabets Using Multiple Feature*” selected for publication in International Conference on Electronics and Computing ICEC- 2015, Dept. of Electronics Engg., DKTE’s Textile and Engineering Institute, Ichalkaranji, on 9th and 10th April, 2015.
- Ms. A. V. Thalange and Dr. S. K. Dixit – research paper titled “*Static Hand Gesture Recognition of American Sign Language Alphabets*” selected for publication in 2nd International Conference On Emergent Trends In Computing And Communication, Etcc-2015, In Collaboration With International Journal of Computer Applications(IJCA) organized by Centurion University of Technology and Management, Bhubaneswar, Odisha, on 2nd May 2015. Paper to be published in International Journal of Computer Applications (IJCA), USA. ISSN: 0975 – 8887, ISBN: 973-93-80879-81-6.
- Mrs. Shweta Ujwal Bagadi & Mr. Giridhar P. Jain published a research paper entitled : - “*Fingerprint Verification using statistical & Co-occurrence matrix features*” in International Journal, IJITEE (International Journal of Innovative technology and exploring Engineering , Volume-4, Issue-7, Page no- 72-75, Dec 2014, ISSN- 2278-3075

- Ms. P. P. Bidla published a research paper entitled “*A DCT Domain Robust Image Watermarking Based on Luminance Parameters*” in International journal of IJARCCE, Volume 3, Issue 5, May 2014, ISSN(online) : 2278-1021 and ISSN(print) : 2319-5940.
- Ms. P. A. Devanpalli published a research paper entitled “*Automatic Power Factor Controller Using PSoC3*” in International journal of IJERT, Volume 3, Issue 5, May 2014, ISSN(online) : 2278-0181
- Ms. P. H. Sangave published a paper entitled “*Removal of Salt and Pepper Noise using Modified Tolerance Based Selective Arithmetic Mean Filtering Technique*” in International Journal of Advanced Computer Technology (IJACT), 25th December 2014, ISSN:2319-7900 Volume 3, Issue 6.
- Ms. P. H. Sangave published a paper entitled “*Salt & Pepper Noise Removal Using Modified Boundary Discriminative Noise Detection and Removal Technique (MBDND)*” in International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences (IJIRMPS), December 2014, ISSN:2349-7300 ISO 9001:2008 Certified, Volume 2, and Issue 3.
- Mr. V.S. Dasmane & M.R. Madki published a paper entitled “*Implementation and analysis of real time obstacle avoiding subsumption controlled robot*” in International Journal of Advanced Research in Computer and communication Engineering, Dec.2014, ISSN (Online) : 2278-1021 ISSN (Print) : 2319-5940