

## **Research Publications by the Faculty**

- **Dr. Dube R.R. published a research paper entitled “Physiological Termor Estimation using Bamdlimited Fourier Linear Combiner” in International Journal of Innovations in Engineering Research & Technology, Vol.2 Issue 10 Oct. 2015 ISSN:2394-3696.**
- **Dr. Dube R.R. published a research paper entitled “Design and Implementation of Traffic Monitoring System Based on Embedded Web Technology” in International Journal for Science and Research, Vol.4 Issue 07 July 2015 ISSN:2319-7064P.N0.1943-1946.**
- **Dr. Dube R.R. published a research paper entitled “Design and Implementation of Traffic Monitoring System Based on Embedded Web Technology” in International Journal for Science and Research, Vol.5 Issue 01 January 2016 ISSN: 2319-7064 P.N0.1509-1512.**
- **Mr. Madki M.R. published a research paper entitled “Classification of Heartbeats using Morphological and Dynamic Features of ECG Signal” in International Journal for Scientific Research & Development, Vol.3 Issue 06, Aug. 2015 ISSN:2321-0613P.N0.691-693.**
- **Mr. Madki M.R. Published a paper entitled “Automated Classification system for square washer with fixed size using SVM classifiers” in e journal IJSRD ISSN 2321 0613, volume 3, issue 12, in Feb 2016.**
- **Mr. Madki M.R. Published a paper entitled “An approach to license plate recognition of Indian Vehicles” in IJRTER, ISSN 2455 1457, volume 2, issue 2, Feb-2016**
- **Mr. Jain G.P. published a research paper entitled “Prepaid Smart Card System for Water Supply” in Journal of Electronics and Communication Engineering, ISSN: 2278-2834, Dec.15P.No.1-4.**
- **Mr. Jain G.P. published a research paper entitled “Development and Implementation of Web based Programming for Embedded Application” in International Journal for Scientific Research & Development, Vol.3 Issue 08, Oct. 2015 ISSN:2321-0613P.N0.521-523.**
- **Mr. Jain G.P. published a research paper entitled “Design and Implementation of Low Power and Area Efficient 64 bit CSLA using**

**VHDL” in International Journal for Scientific Research & Development, Vol.3 Issue 10, Dec. 2015 ISSN:2321-0613P.N0.405-407.**

- **Mr. Jain G.P. & Mr. Dhulkhedkar A.B. published a research paper entitled “Implementation of Low Power and Area Efficient 64 bit Carry Select Adder” in International Journal of Engineering Sciences & Research Technology, Vol.4 Issue 03, March 2015 ISSN: 2277-9655P.N0.238-241.**
- **Mrs. R.R. Mergu and Dr. S.K. Dixit presented a research paper entitled “Empirical evaluation of Hybrid Filtering: An Approach for Speech Enhancement”, in IEEE International Conference on Information Processing (ICIP), 16<sup>th</sup> to 19<sup>th</sup> Dec 2015 at VIT, Pune.**
- **Ms. Thalange A.V. published a research paper entitled “Multiple Features Based Recognition of Static American Sign Language Alphabets” in International Journal of Computer Applications (IJCA) (0975 – 8887) through IJCA Proceedings on International Conference on Emergent Trends in Computing and Communication ETCC 2015 (2):11-16, September 2015.**
- **Ms. Thalange A.V. presented a paper titled, “Static Hand Gesture Recognition of American Sign Language Alphabets”, at ETCC-15, 2nd International Conference on Emergent Trends in Computing and Communication, In Collaboration with IJCA (International Journal of Computer Applications), organized by Centurion University of Management and Technology, Bhubaneswar, Odisha, India on 2nd May 2015 and published in conference proceedings. ISBN: 978-93-81361-16-1**
- **Ms. Thalange A.V. Published a Paper titled, “Sign Language Alphabets Recognition Using Wavelet Transform”, at International Academy of Engineers (IA-E), International Academy of Computer & IT Engineering (IACITE), International Conference on Intelligent Computing, Electronics Systems and Information Technology, ICESIT, Kuala Lumpur(Malaysia), held on 25-26 August 2015. ISBN 978-93-84468-31-6, <http://dx.doi.org/10.15242/IAE.IAE0815>. Page no. 32-36**
- **Ms. Thalange A.V. Published a Paper titled, “Multiple Features Based Recognition of Static American Sign Language Alphabets”, in International Journal of Computer Applications (IJCA) (0975 – 8887) through IJCA Proceedings on International Conference on Emergent**

**Trends in Computing and Communication ETCC 2015 (2):11-16, September 2015. Impact Factor : 0.715**

- **Ms. Thalange A.V. Presented a paper titled, “COHST and Wavelet Features Based Static ASL Numbers Recognition”, at ICC-16, 2nd International Conference on Intelligent Computing, Communication & Convergence (ICC-2016) organized by Interscience Research Network, Interscience Institute of Management and Technology (IIMT)Bhubaneswar, Odisha, India, during 24th and 25th January 2016 and abstract published in conference proceedings. The paper is to be published by Elseviers-Procedia Of Computer Science.**
- **Ms. Thalange A.V. Presented a paper titled, “Combined Orientation Histogram and Statistical (COHST) Features Based ASL Alphabets and Numbers Recognition”, at 6th IEEE International Advance Computing Conference (IACC-2016) organized by IEEE Computer Society - India Council and S R K R Engineering College, Bhimavaram, Andhra Pradesh, India, during 27th and 28th February 2016. The abstract is published in conference proceeding.Paper is to be published in IEEE Xplore conference publications.**
- **Mr. Kumbhar P.Y. published a research paper entitled “Infrared Night Vision with Pedestrian Detection And Auto Break System” in International Journal of Engineering & Technical Research, Vol.4 Issue 2,February 2016 ISSN:2321-0869.**
- **Mr. Kumbhar P.Y. published a research paper entitled “Power generation by Hybrid Model” in International Journal of Computer Engineering In Research Trends Vol.3 Issue 02,February 2016 ISSN:2349-7084P.N0.67-69.**