

Research Publications by B.Tech. CSE Students

2013

- [1] **Isha Sahu**, and Ishita Chakraborty “Understanding Location Manager in Android and Implementing an Optimal Image Geotagging Application”, International Journal of Computer Trends and Technology, Volume-4, Issue 6, April 2013, Pg.1682-1686.

2014

- [2] Aniruddha Deka , **Nirvik Aanan Das, Akanksha Bordoloi, Anindita Bordoloi, Nitumoni Choudhury** , “ Implementation of double RSA in digital signatures” at international conference on green energy and smart materials through science, technology and management (GESM’14) on 21-23 January 2014.
- [3] Aniruddha Deka, **Nikhil Agarwal**, “Masking and unmasking of images using LSB algorithm” at international conference on green energy and smart materials through science, technology and management (GESM’14) on 21-23 January 2014.

2015

- [4] **Ms. Chetna Banthia, Ms. Sunita Gogoi**, Mr. Manoj Kumar Sarma , Pranjal Protim Bora “A Java based Multicore Programming for Grayscale Conversion and Binarization”, proceedings of International Conference on Computing and Communication Systems (I3CS’15), Shillong 9-10 April 2015.
- [5] **Ms. Neha Agrawal, Mr. Manan Mohan Goyal**, Mr. Manoj Kumar Sarma, Mr. Nayan Jyoti Kalita, “Comparison of Clustering using Cosine and Fuzzy Set based Similarity measures for Text Documents”, proceedings of International Conference on Computing and Communication Systems (I3CS’15), Shillong 9-10 April 2015.
- [6] **Sweta Tharad, Debashis Dev Misra**, “Comparative study of Filtering techniques for Elimination of Noise from Digital Images Using OpenCV,” in the proc. of International Conference on Computing and Communication Systems (I3CS’15), Shillong 9-10 April 2015.

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- [7] **Farheen Jia, Dolly Das**, Ishita Chakraborty, Aniruddha Deka, "Voice Based Authentication System Using Mel Frequency Cepstral Coefficient And Vector Quantization," in the proc. of International Conference on Computing and Communication Systems (I3CS'15), Shillong 9-10 April 2015.
- [8] Ishita Chakraborty and **Upasana Sarmah**, "A Simple Routing Algorithm for Multi-hop Wireless Network," in proc. Of IEEE Sponsored 9th International Conference on Intelligent Systems and Control (ISCO-2015), Jan. 2015, pp. 261 – 265.
- [9] Ishita Chakraborty and **Ansu Agarwal**, "A Simple Routing Algorithms Based On Energy Consumption," in proc. Of IEEE Sponsored 9th International Conference on Intelligent Systems and Control (ISCO-2015), Jan. 2015, pp. 1179 – 1184.
- [10] **Moitrei Bharadwaj, Amreesha Kakati, Ankita Bharali**, Aniruddha Deka, "A Keystroke Dynamics Based Authentication System", in Journal of Basic and Applied Engineering Research (JBAER), volume 2, issue 20 October-December 2015, P-ISSN: 2350-0077, e-ISSN: 2350-0255, pp. 1745-1748.
- [11] **Aparajita Roy, Abhilekh Das**, Aniruddha Deka, Dr. Manoj Kumar Deka, "Speaker Dependent Word Boundary Detection in Assamese and Bodo Speech using Pause and ZCR", proceedings of International Conference on Computing and Communication Systems (I3CS'15), Shillong 9-10 April 2015.
- [12] **Dipankar Kalita**, Aniruddha Deka, "Automatic Speech Recognition of Bodo Digits using HTK", International Journal of Research & Technology (IJRT), Volume 3, Issue 2, July 2015.
- [13] **Bhargab Kakati**, Aniruddha Deka, "Word Boundary Detection in Bodo Language using Force Alignment Method", International Journal of Research & Technology (IJRT), Volume 3, Issue 2, July 2015

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- [14] **Anannya Chakraborty**, Ishita Chakraborty, "Sensor Selection and Data Fusion Approach for IoT Applications" in the Proc. Of International conference on Computing and communications IC3-2018 held on 23-24 March 2018 at Sikkim Manipal Institute of Technology.