

### Publications International Journals

1. Bakthula Rajitha, Shivani Shivendra and Suneeta Agarwal, XOR based continuous-tone multi secret sharing for store-and-forward telemedicine, *Multimedia Tools and Applications*, pp. 1-20. DOI: 10.1007/s11042-016-4012-z (SCI)
2. Mahima Shanker Pandey, Bakthula Rajitha and Suneeta Agarwal Computer Assisted Automated Detection of Knee Osteoarthritis using X-ray Images, *Science & Technology*, vol. 1, issue 2, pp. 74-79.
3. Bakthula Rajitha and Suneeta Agarwal, Automated Human Bone Age Assessment using Image Processing Methods-Survey, *International Journal of Computer Applications*, vol. 104, issue 13, pp. 33-42. DOI:10.5120/18265-9259.
4. Bakthula Rajitha, Performance of Web Services on Smart Phone Platforms, *IOSR journal of Computer Engineering (IOSR-JCE)*, vol. 14, issue 5, pp. 88-98. Sep. 2013.

### International Conferences

1. Bakthula Rajitha, Suneeta Agarwal and Nishanth Babu Donikena Segmentation of Bone Pixels from EROI Image using Clustering Method for Bone Age Assessment, *Proc. SPIE 9789, Medical Imaging 2016: PACS and Imaging Informatics: Next Generation and Innovations*, March. 2016, pp. 97890H-97890H-5. DOI: 10.1117/12.2225146. (SPIE)
2. Bakthula Rajitha, Anjana Tiwari and Suneeta Agarwal A New Local Homogeneity Analysis Method Based on Pixel Intensities for Image Defect Detection, *2nd International Conference on Recent Trends in Information Systems (ReTIS)*, Sep. 2015, pp. 200-206. DOI: 10.1109/ReTIS.2015.7232878. (IEEE)
3. Bakthula Rajitha and Suneeta Agarwal An Iterative Thresholding Method for Epiphysis ROI Segmentation for Radiographic Images, *International Conference on Advanced Research in Computer Science Engineering & Technology (ICARCSET)*, March 2015, Article No. 16. DOI: 10.1145/2743065.2743081. (ACM)
4. Bakthula Rajitha, Anjana Tiwari and Suneeta Agarwal Image Segmentation and Defect Detection Techniques using Homogeneity, *International Conference on Futuristic Trends on Computational Analysis and Knowledge Management (ABLAZE)*, pp. 678-683. DOI: 10.1109/ABLAZE.2015.7154948. (IEEE)
5. Supriya Dubey and Bakthula Rajitha, Automated Gender Estimation From Human Rib Cage Image, *Students Conference on Engineering and Systems (SCES)*, pp. 1-4. DOI: 10.1109/SCES.2014.6880087. (IEEE)

### Book Chapters

1. Bakthula Rajitha, Monica Sivastava and Suneeta Agarwal Edge Preserved De-noising Method for Medical X-Ray Images Using Wavelet Packet Transformation, *Emerging Research in Computing, Information, Communication and Applications, ERCICA 2015, Volume 2*, pp. 449-467. DOI: 10.1007/978-81-322-2553-9. (SPRINGER INDIA)