

CHESTI ALTAFF HUSSAIN

Assistant Professor

Electronics and Communications Engineering

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Biography

Working as Assistant Professor in the Department of Electronics and Communications Engineering, Bapatla Engineering College with an overall experience of 14 years till date.

His research is in the broad area of image analysis, signal processing. He has made significant research contributions in medical image processing, content based image. He is engaged in teaching, department level activities for continuing education for academia. As of now his publications has 58 citations with h-index of 4 and i10-index of 2

Selected Publications

1. Chesti Altaff Hussain, Dhulipalla Venkata Rao, S. Aruna Mastani, "RetrieveNet: a novel deep network for medical image retrieval", Evol. Intel. (2020). <https://doi.org/10.1007/s12065-020-00401-z>
2. Chesti Altaff Hussain, D.Venkata Rao, S.Aruna Mastani, "Transformed Directional Tri Concomitant Triplet Patterns for Image Retrieval", Fourth International Conference on Computer Vision & Image Processing Organized by Malaviya National Institute of Technology Jaipur 27 - 29 September 2019.
3. Chesti Altaff Hussain, Dr.D. Venkata Rao, Dr.S.ArunaMastani, "Robust Pre-processing Technique Based on Saliency Detection for Content Based Image Retrieval Systems", International Conference on Computational Modeling and Security (CMS 2016) Conference Proceedings published by Elsevier Science in the Open-access Procedia Computer Science Series during February 11-13, 2016.
4. Chesti Altaff Hussain, Dr. D. Venkata Rao, "Genetic Saliency Model For Image Retrieval", 2nd National Conference On Recent Trends In Communications & Signal Processing (NCRTCS-19), During 6th & 7th December, 2019 At QIS College Of Engineering And Technology, Ongole.
5. Chesti Altaff Hussain, Ch.Gopi, D.Sai Kishore, G.Gopi Reddy, G.Chaitanya Sai, "Brain Tumor Detection And Segmentation Using Anisotropic Filtering For MRI Images" Journal of Engineering Sciences, Vol 11, Issue 3, March 2020, ISSN NO: 0377-9254.
6. Chesti Altaff Hussain, K.V.Mahendra, K.Reddy Koushik, K. Bala Venkaiah, K.Sai Krishna, "A Retinal Image Enhancement Technique for Blood Vessel Segmentation Algorithm", Journal of Engineering, Computing and Architecture, Volume 10, Issue 3, 2020.