

## Publications

1. S. Chandravadhana and N.Nithiyanandam ,”Block Processed Error Diffusion for High Speed Compression of Still images” ,International Journal of Applied Engineering Research ISSN 0973-4562 volume – 10 ,Number 8 (2015)pp.18917-18934. (Indexed in Scopus).
2. S.Chandravadhana and N.Nithiyanandam “Compression of satellite Images using Lossy and Lossless coding Techniques”, International Journal of Engineering and Technology “, ISSN 09754024, VOL. 6,ISSUE 1 pp – 118 -128 February 2014,(Indexed in Scopus).
3. Chandravadhana .S. and Nithiyanandam.N. “Least mean square Error Based Block Truncation Coding”, communicated to “International Journal of Information and Communication Technology”, ISSN 1741 -8070 Vol.11, No.1, pp,-25 -38, 2017–IJICT -80860 INDERSCIENCE PUBLICATIONS) (INDEXED IN SCOPUS).
4. Chandravadhana .S. and Nithiyanandam .N. “Improved block truncation coding using lossy and lossless compression techniques “, Proceedings of IEEE International Conference on Communication and Signal Processing (ICCCSP 13) , ISBN NO.979 – 1- 4679-1620-0,pp.-1294 – 1298, held On 5.4.2013,in Adhiparasakthi College of Engineering , Melmaruvathur.
5. Chandravadhana .S. and Nithiyanandam .N. “Code Compression Techniques for image signals”, National Conference NCRVIC 2012, held in B.S. ABDUR RAHMAN UNIVERSITY.
6. S.Chandravadhana, VimalaDevi.C ,Vivek.K, ZakirHussain.B, “Gasohol Seepage Monitoring and Lightning Provision in Power Stations using PLC”, Proceedings of International Conference on Science, Technology, Engineering and Management, JEPPIAAR – ICON PEICE’2015, PP – 622 -626.
7. G.Karthika and S.Chandravadhana, “DEAD RECKONING ALGORITHM USING GYRO SENSOR FOR LAND VEHICLE POSITIONING”, Proceedings of International Conference on Science, Technology, Engineering and Management, JEPPIAAR – ICON PEICE’2015,PP – 526 – 531.
8. Chandravandhana S.Professor, Prasannakumar S.Assistant Professor, Sakthimurugan R, Raghul E, Ramkumar R, Santhosh K.V. IDENTIFICATION OF NUTRIENT DEFICIENCY IN CHILLY PLANTS USING MACHINE VISION SYSTEM””, Paper ID: ISMAC-CVB\_058, accepted for publication in Lecture Notes in Computational vision and Biomechanics, Springer.
9. Agnishwar Jayaprakash, S.Chandravadhana, Kannappan, A COMPARATIVE STUDY OF DRONE EFFICACY FOR CONTAINING COVID -19, International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 04 Issue: 05 | May -2020, ISSN: 2582-3930.
10. Agnishwar Jayaprakash, S.Chandravadhana, Kannappan, Drone usage to combat COVID -19: an extensive survey of how drones are used to contain COVID -19

pandemic, International journal of advance research, ideas and innovations technology, Vol6, issue 3, May 2020, ISSN: 2454-132X.

11. S.Chandravadhana, R.Ohmsakthivel, D.Shameer, S.Kannappan, R.Nandhakumar, R.Kalyanasundaram,"Surface roughness prediction on drilled holes on strenx steel using AWJM process", accepted for publication in Materials Today - Proceedings, Elsevier 2020.