



LIST OF SCI INDEXED RESEARCH JOURNAL PUBLICATIONS

1. Sirish Kumar Pagoti, Srilatha Indira Dutt Vemuri, and **Ganesh Laveti**, GPS Receiver Position Augmentation Using Correntropy Kalman Filter in Low Latitude Terrain, The International Arab Journal of Information Technology, 19 (1), 72-80, January 2022, ISSN:1683-3198.
2. S. Anand Kumar, **G. Sudheer**, Influence of the oxide layer on the quality of bonding in adhesively bonded metallic structures by ultrasonic guided waves, International Journal of Adhesion and Adhesives, 111, 2021, 102981, ISSN 0143-7496, <https://doi.org/10.1016/j.ijadhadh.2021.102981>.
3. Mohapatra SK, Prasad S, **Bebarta DK**, Das TK, Srinivasan K, Hu Y-C. Automatic Hate Speech Detection in English-Odia Code Mixed Social Media Data Using Machine Learning Techniques, Applied Sciences, 11(18):8575, 2021, ISSN: 2076-3417 <https://doi.org/10.3390/app11188575>.
4. **Bebarta, D. K.**, Das, T. K., Chowdhary, C., Gao, X. Z., An Intelligent Hybrid System for Forecasting Stock and Forex Trading Signals using Optimized Recurrent FLANN and Case-Based Reasoning, International Journal of Computational Intelligence Systems, 14(1), 2021, 1763–1772, ISSN:1875-6891.
<https://dx.doi.org/10.2991/ijcis.d.210601.001>
5. **D.V.A.N. Ravi Kumar**, Conditioned measurement fused estimate Unscented Kalman filter for underwater target tracking using acoustic signals captured by Towed array, Applied Acoustics, 174, 2021, 107742, ISSN: 0003-682X, <https://doi.org/10.1016/j.apacoust.2020.107742>.
6. **D.V.A.N. Ravi Kumar**, Hybrid Unscented Kalman Filter with Rare features for Underwater Target tracking using Passive Sonar Measurements, Optik, 226(1), 1-13, 2021, ISSN: 0030-4026.
7. **Vijaya Lakshmi A.S.V**, Ramalinga Raju Manyala and Siva Kumar Mangipudi, Control constraint based optimal PID-PSS design for a widespread operating power system using SAR algorithm, International Transactions on Electrical Energy Systems, 31(12), 2021, ISSN: 2050-7038, <https://doi.org/10.1002/2050-7038.13146>.
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9. G. Srikanth, **G. Sudheer**, A note on the solutions of cubic equations of state in low temperature region, Journal of Molecular Liquids, 315, 2020, 113808, ISSN 0167- 7322, <https://doi.org/10.1016/j.molliq.2020.113808>.
10. Soumya Ranjan Mishra, **Tusar Kanti Mishra**, Goutam Sanyal, Anirban Sarkar, Suresh Chandra Satapathy, Real time human action recognition using triggered frame extraction and a typical CNN heuristic, Pattern Recognition Letters, 135, 2020, 329- 336, ISSN 0167-8655, <https://doi.org/10.1016/j.patrec.2020.04.031>.

11. I.C. Sathisha, K. Manjunatha, Anna Bajorek, **B. Rajesh Babu**, B. Chethan, T. Ranjith Kumar Reddy, Y.T. Ravikiran, V. Jagadeesha Angadi, Enhanced humidity sensing and magnetic properties of bismuth doped copper ferrites for humidity sensor applications, *Journal of Alloys and Compounds*, 848, 156577, 2020, ISSN 0925-8388.
12. **V.S. Jahnavi**, S.K. Tripathy, A.V.N.R Rao, Study of structural, optical, dielectric and magnetic properties of Copper doped SnO₂ nanoparticles, *Journal of Electronic materials*, 2020, ISSN 0361-5235. doi.org/10.1007/s11664-020-08028-7.
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16. E.C. Sekhar, **B. RajeshBabu**, K.V. Ramesh, M. Sreenivasulu, Y. Purushotham, Correlation between Structural, Magnetic, and Dielectric Properties of Microwave- Sintered Ni-An-Al Nano ferrites, *Journal of Superconductivity and Novel Magnetism*, 2019. DOI: 10.1007/s10948-019.
17. R. Ajay Kumar, Sandeep Yechuri, G. Kiran Kumar, **B. Rajesh Babu** and Ch. Rajesh, Mn Modified Mesoporous TiO₂ particles: Synthesis, characterization and photovoltaic application, *Journal of Electronic Materials*, 48 (8), 5075-5079, 2019. DOI: 10.1007/s11664-019-07312-5.
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