

AY 2019-20

Book Chapters

1. Venu D., **KoteswaraRao N.V.**, “Compressed Sensing Based Mixed Noise Cancellation in Passive Bistatic Radar”, In: Jain L., Peng SL., Alhadidi B., Pal S. (eds) Intelligent Computing Paradigm and Cutting-edge Technologies, ICICCT2019, Learning and Analytics in Intelligent Systems Book Series, vol 9, pp389-404 , Springer, Cham, DOI: https://doi.org/10.1007/978-3-030-38501-9_39, First Online: 18th January 2020, Print ISBN978-3-030-38500-2, Online ISBN978-3-030-38501-9.
2. M Rajendra Prasad, **D Krishna Reddy**, “An Experimental System Level Performance Analysis of Embedded Systems for GSM Application” Advances in Decision Sciences, Image Processing, Security and Computer Vision. Springer Cham, Print ISBN978-3-030-24317-3 Online ISBN978-3-030-24318-0 DOI https://doi.org/10.1007/978-3-030-24318-0_40, pp 327-334 eBook Packages Intelligent Technologies and Robotics first online July 2019.
3. **P. Sathish and D. Krishna Reddy** “Predictive Data Optimization of Doppler Collision Events for NavIC System”, Advances in Intelligent Systems and Computing 979, Numerical Optimization in Engineering and Sciences, Select Proceedings of NOIEAS 2019, Springer, Debashis Dutta, NIT Warangal and Biswajit Mahanty IIT Kharagpure, ISSN: 2194—5357, ISSN: 2194—5365 (electronic), <http://www.springer.com/series/11156>, ISBN: 978-981-15-3214-6, ISBN: 978-981-15-3215-3 (eBook), https://doi.org/10.1007/978-981-15-3215-3_57, pp 583-589, Springer Nature Singapore Pte Ltd. 2020.
4. **K Sudershan Reddy**, MdKhajaRahmatullah, SameehaFahmeen, Quddusa Sultana and **D. Krishna Reddy** “Comparative Analysis of Serial and Parallel Satellite Positioning Algorithms for GPS and NavIC” Springer Journal, Chapter No: 47, 10.1007/978-981-15-1420-3_47, ICDSMLA 2019.

International Journals

1. KaithaPraveena, Perumalla Naveen Kumar, **D.Krishna Reddy**, N.Santhosh, “Analysis of Ionospheric Scintillations of NavIC L5 and S -band Signals over Low Latitude Indian Region”, Journal Procedia Computer Science, Elsevier, ScienceDirect, PROCS38424,ISSN 1877-0509,PROCS38424, DOI 10.1016/j.procs.2020.04.106, Procedia Computer Science, Vol/ Issue 171C (2020), pp. 989-998, June 2020.(Scopus Indexed)
2. **P.Sathish and D. Krishna Reddy** “Predictive Data Optimization of Doppler Collision Events for NavIC System” Advances in Intelligent Systems and Computing (Springer)April 2020, pages 583-589 https://doi.org/10.1007/978-981-15-3215-3_57.(Scopus Indexed)
3. **Neeraja B**, RamyaK , "Design and Analysis of an Energy Efficient 4-bit Barrel Shifter Circuits in 45nm Technology" , International Journal of Engineering and

Advanced Technology (IJEAT)', ISSN: 2249-8958 (Online), Volume-9 Issue-4, April 2020, Page No. 885-890.

4. **A.Vani, D.Rakesh,**” Implementation of Double Threshold Based Re-Sensing for Spectrum Energy Detection in Cognitive Radio”,*Journal of Engineering Science*, Vol 11, Issue 5,May/ 2020 ISSN NO: 0377-9254.
5. V. V. SatyanarayanaTallapragada, **N. Alivelu Manga, G. V. Pradeep Kumar, M. VenkataNaresh,** "Mixed image denoising using weighted coding and non-local similarity", *SN Applied Sciences*. (2020) Article 997, Vol. 2, Issue 6, June 2020, ISSN: 2523-3963 (Print), 2523-3971 (Online), <https://doi.org/10.1007/s42452-020-2816-y>, (A Springer Nature Journal)(Scopus Indexed)
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9. **NagadeviDarapureddy,** NagaprakashKaratapu, Tirumala Krishna Battula “Research of Machine Learning Algorithms using K-Fold Cross Validation” in *International Journal of Engineering and Advanced Technology (IJEAT)* ISSN: 2249 – 8958, Volume-8 Issue-6S, August 2019, Published By: Blue Eyes Intelligence Engineering & Sciences Publication with Impactfactor:5.97, *DOI:10.35940/ijeat.F1043.0886S19* (Scopus Indexed)
10. Sana Fathima, **Sudarshan Reddy Kotla,** SameehaFahmeen, Quddusa Sultana and **D Krishna Reddy,** “Estimation and Analysis of Instrumental Biases for GPS and NavIC Satellites and Receivers”, *International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)*, ISSN 2278 – 3091, <http://www.warse.org/IJATCSE/> Vol 8, No.1.4, PP. 391-394 DOI-10.30534/ijatcse/2019/5981.42019, Sep 2019 . (Scopus Indexed)
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International Conference

1. KaithaPraveenaa, Perumalla Naveen Kumarb, **D.Krishna Reddy**, N.Santhoshd, Analysis of Ionospheric Scintillations of NavIC L5 and S -band Signals over Low Latitude Indian Region, Third International Conference on Computing and Network Communications (CoCoNet'19), Procedia Computer Science.
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9. JawadMohiuddin Syed, **Dhana Lakshmi Namburi**, "Improving Response Time of Ambulance using Machine Intelligence", International Conference for Emerging Technology (INCET) Belgaum, India. Jun 5-7, 2020, 978-1-7281-6221-8/20/\$31.00 ©2020 IEEE.
10. K Vijayalakshmi, G Yoshitha, B Sahithi and **P Sathish** “Preliminary Analysis of Doppler Collision Occurrence in Various Kinematic Conditions for NavIC System” IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS) organized by Moulana Azad National Institute of Technology during Feb 22-23, 2020
11. SrikarGullapalli, P Karthik, **P Sathish** “ A comparative analysis of Cloud based Watson System and CNN for Gesture Recognition Systems" IEEE International Students' Conference on Electrical, Electronics and Computer Science (SCEECS) organized by Moulana Azad National Institute of Technology during Feb 22-23, 2020.
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