

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
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JOURNAL PUBLICATIONS 2021-22

SCI & SCOPUS INDEXED

- ✓ An energy-efficient smart city for sustainable green tourism industry ,Sustainable Energy Technologies and Assessments /Elsevier Publications,**B.R. Tapas Babu**
- ✓ Role of Silicon Carbide Nanoparticle on Electromagnetic Interference Shielding Behavior of Carbon Fibre Epoxy Nanocomposites in 3-18GHz Frequency Bands, Springer Publications, **B R Tapas Babu**
- ✓ FEBSRA: Fuzzy Trust Based Energy Aware Balanced Secure Routing Algorithm for Secured Communications in WSNs, Wireless Personal Communications, **B. R. Tapas Babu**
- ✓ Role of cashew shell bio char on EMI shielding behaviour of carbon fibre–epoxy nano composites in E, F, I and J band–microwave frequencies, Biomass Conversion and Bio refinery, **B. R. Tapas Babu**
- ✓ An efficient energy consumption and delay aware autonomous data gathering routing protocol scheme using a deep learning Mobile edge model and beetle antennae search algorithm for Underwater wireless sensor network, Concurrency Computat Pract Exper . **S.Pradeep, B.R.Tapas Babu**

SCOPUS INDEXED

- ✓ Smart Autonomous Car Parking For the Modern ,Vehicles, Journal of Physics: Conference Series,ICACSE 2020 ,IOP Publishing, **B R Tapas Babu**
- ✓ Synthesis of Images from SMRI through Extreme Integrand Unstable Learning, ICACSE 2020,Journal of Physics: Conference Series ,IOP Publishing, **B R Tapas Babu**
- ✓ Secure Model for Smart Car Parking System using Web Application, 2022 4th International Conference on Smart Systems and Inventive Technology (ICSSIT) 10.1109/ICSSIT53264.2022.9716235, **B.R. Tapas Babu**

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- ✓ Bio Inspired FFA Algorithm for Efficient Data Transfer in WSN, 2022 4th International Conference on Smart Systems and Inventive Technology (ICSSIT), **B.R.Tapas Babu**
- ✓ Early Diagnosing and Identifying Tool for Specific Learning Disability using Decision Tree algorithm, 2021 3RD International Conference on Inventive Research in Computing Applications (ICIRCA) / IEEE publisher **G. Kavya**
- ✓ Nonlinear adaptive smart antenna resource management for 5G through to surveillance systems Materials Today: Proceedings, **C. Arunachala Perumal**
- ✓ Implementation of VLSI Based Efficient Lossless EEG Compression Architecture using Verilog HDL ,Published under licence by IOP Publishing Ltd Journal of Physics: Conference Series, Volume 1964, Advances in Computational Electronics and Communication Engineering, **S Suvitha**