

S. A. ENGINEERING COLLEGE, CHENNAI - 77

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JOURNAL PUBLICATIONS 2020-21

SCI & SCOPUS INDEXED

- ✓ Knowledge based analytical tool for identifying children with Dyscalculia, International Conference on Communication, Computing and Electronics Systems (pp.703-711) Springer publications, **Dr. G. Kavya**
- ✓ Inductive feedback technique for design of high gain 0.18 μ m CMOS LNA for 5 G applications, Journal of Circuits , systems and computers. Vol 30 , NO. 13(2021), **Anjana Jyothi Banu ,Dr. G, Kavya, D. Jahnavi**
- ✓ Design and Analysis of 2.4 GHz Low-Noise, High- Gain 0.18 μ m CMOS Cascode Low-Noise Amplifier for IRNSS Applications, IETE Journal of Research, Published by Taylor & Francis **G. Kavya & Anjana Jyothi Banu**
- ✓ Performance Evaluation of Interference Mitigation Scheme with D2D Users in Wireless Networks, Wireless Personal Communications, Springer, **S.Dhilipkumar,C.Arunachalaperumal**
- ✓ An Energy Efficient Expert System to Choose Cluster Head from Hybrid Clustering, Ad Hoc & Sensor Wireless Networks, Vol. 49, pp. 23–4 , **Tapas Babu B.R**
- ✓ A Review Article on Wireless Sensor Networks in View of E-epidemic Models, Wireless Personal Communications, **B. R. Tapas Babu**

SCOPUS INDEXED

- ✓ Approximated compressed image analysis using filters, Annals of R.S.C.B, **G Kavya,N Anusha**
- ✓ Enhancing Sketch Based Image retrieval by CNN semantic Re-Ranking, Annals of R.S.C.B, **N Anusha , G Kavya**
- ✓ An informative routing discovery analysis structure for the maximum flexibility using MANET application, Journal of green engineering Volume 10 issue 10, **Tapas Babu B R**

S. A. ENGINEERING COLLEGE, CHENNAI - 77

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JOURNAL PUBLICATIONS 2020-21

SCI & SCOPUS INDEXED

- ✓ Secure data storage using Erasure – coding in green cloud environment, Journal of green engineering Volume 10 issue 10, **B R Tapas Babu**
- ✓ Routing protocol based on energy efficient for underwater wireless network, Journal of University of Shanghai for Science and Technology, **Pradeep S, Tapas Babu B R,**
- ✓ Performing Experimentation with Physics Model to Predict Statistical Weather Condition, Journal of Physics: Conference Series **1712** (2020) 012026 IOP Publishing, **Tapas Babu B R**
- ✓ Establishing self-healing and error correction in wireless sensor networks using honeypot database , ICMECE 2020 IOP Conf. Series: Materials Science and Engineering **993** (2020) 012069 IOP Publishing, **B.R.TapasBabu**
- ✓ Energy Efficient Wireless Sensor Network to Enhance Network Security by Detecting Clone Nodes, ICMECE 2020 IOP Conf. Series: Materials Science and Engineering **993** (2020) 012067 IOP Publishing **B.R.TapasBabu**
- ✓ Polarization diversity enabled flexible directional UWB monopole antenna for WBAN communications, International Journal Of Rf And Microwave Computer Aided Engineering / Wiley Publications, **Aruna Veeraselvam**

GOOGLE SCHOLAR

- ✓ Design and Fabrication of IoT Enabled Wheelchair cum Stretcher with Home Automation and Patient Monitoring System, International Journal of Trend in Scientific Research and Development (IJTSRD), **Dr. G. Kavya**
- ✓ AGRITHOZHAN- Development Of Android Application For Smart Farming, International Journal Of Trends In Scientific Research And Development, **Dr. S. Suvitha**

S. A. ENGINEERING COLLEGE, CHENNAI - 77

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

JOURNAL PUBLICATIONS 2020-21

SCI & SCOPUS INDEXED

- ✓ Design of high gain LNA using 180nm CMOS for Wearable Devices, International Journal for Research in Applied Science & Engineering Technology, **S. Suvitha**
- ✓ Design of miniaturised microstrip patch antenna using slots, IRJET/ 2020 e-ISSN: 2395-0056, **K.M.Dhanalakshmi**
- ✓ Boat Localization And Warning System For Identification Of Border, IRJET/2020 e-ISSN: 2395-0056, **K.M. Dhanalakshmi**
- ✓ Design of E-Shaped Dual-Band MIMO Antenna for 5G Smartphone Applications, International Journal for Research in Applied Science & Engineering Technology, **Ms.B.Menaka**
- ✓ Water management system using Dynamic IP based Embedded webserver in Real time, International Journal for Research in Applied Science & Engineering Technology, **Ms.B.Menaka**
- ✓ Real time transformer health monitoring using IOT, International Journal for Research in Applied Science & Engineering Technology (IJRASET), **Ms. Sreejavijay**
- ✓ Smart Safety Monitoring System For Sewage Workers Using Iot, International Journal of Research Publication and Reviews Journal homepage: www.ijrpr.com, **Mrs.P.Sasireka**
- ✓ A MIMO ANTENNA FOR 5G APPLICATIONS, International Research Journal of Engineering and Technology (IRJET) , **P. Sasireka**
- ✓ Accident Avoidance using EEG Sensor, International Journal for Research in Applied Science & Engineering Technology (IJRASET), **M. Ramya**
- ✓ FPGA Implementation Of Quality Assessment Of Milk, International Research Journal of Modernization in Engineering Technology and Science, **Dinesh Anton Raja**
- ✓ Design Of Dual Band MIMO Antenna For Smart Phone Applicationr Antenna FO, International Research Journal Of Engineering And Technology/, **Mrs. R.Ashwini**

S. A. ENGINEERING COLLEGE, CHENNAI - 77

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

JOURNAL PUBLICATIONS 2020-21

SCI & SCOPUS INDEXED

- ✓ Electric Smart Scooter, International Research journal of Engineering and Technology , **M. Maria Rubiston**
- ✓ 3D Body Scanning for Human Anthropometry, International Journal of Trend in Scientific Research and Development (IJTSRD) Volume 4 Issue 6, September-October 2020 Available Online: www.ijtsrd.com, **Mrs. M. Priscilla**
- ✓ Practical Approach to Implement Artificial Intelligence and Machine Learning for Motor Impairment Disease, Journal of Artificial Intelligence, Machine Learning and Soft Computing Publications, **M Maria Rubiston**