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**Department of Electronics and Communication Engineering**

**R & D and Consultancy Activities**

**Academic Year 2019-2020**

**Research Publications (Journals)**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Name of the Faculty Author** | **Title of the Paper** | **Name of the Journal** | **ISBN/ISSN Number** | **Vol/Month** | **SCIE/UGC/ Scopus** | **URL/DOI** |
|  | Dr A B Siddique | Charge transport through functionalized graphene quantum dots embedded in polyaniline matrix | ACS Appl. Electron. Mater | 2637-6113 | Vol3/ March,  2021 | SCIE | [doi.org/10.1021/acsaelm.1c00057](https://doi.org/10.1021/acsaelm.1c00057) |
|  | K.L. Vijaya Prasad | Synthesis, structural, dielectric and magnetic properties of cobalt ferrite nanomaterial prepared by sol-gel autocombustion technique | Physica B: Physics of Condensed Matter | 0921-4526 | Vol 581, March, 2020 | SCIE | <https://www.sciencedirect.com/science/article/abs/pii/S0921452619306684> |
|  | Dr D Kishore | A Multi-class SVM Based Content Based Image Retrieval System Using Hybrid Optimization Techniques | Traitement du Signal | 0765-0019 | Vol 37, April  2020 | SCIE | <https://doi.org/10.18280/ts.370207> |
|  | R. Anil Kumar | Comparative Analysis of OFDM, FBMC, UFMC &amp; GFDM for 5G Wireless Communications | International Journal of Advanced Science and Technology | 2207-6360 | Vol 29, April  2020 | Scopus | <http://sersc.org/journals/index.php/IJAST/article/view/10903> |
| 1. 5 | P. Anantha Sravanthi | Brain Tumor Detection Using Mask R–Cnn | International Journal of Psychosocial Rehabilitation | 1475-7192 | Volume 24 - Issue 4, March 2020 | - | - |
| 1. 6 | P. Anantha Sravanthi | Analysis of 6G Wireless communication Technology, Network architecture and Applications | IJRASET | 2321-9653 | Vol 8, Issue 3, March 2020 | - | - |
|  | V. Preethi | Study of Microwave Power Transmission using Circularly Polarized  Filtering Antennas | Studia Rosenthaliana  (Journal for the Study of Research) | 1781-7838 | Volume XII September- | - | http://www.jsrpublication.com/gallery/11-jsr-september-s538.pdf |
|  | Karthik, T. S | Implementation of a Game Based Learning model using Sequence Square Box Technique | International Journal on Recent Technology and Engineering (IJRTE) | 2277-3878 | Vol 8, Sept,  2019 | Scopus | <https://www.ijrte.org/wp-content/uploads/papers/v8i3/B2491078219.pdf> |
|  | D. Kishore | Video watermarking with curvlet transform | International Journal of Innovative Technology and Exploring Engineering(IJITEE) | 2278-3075 | Vol 8,  2019 | Scopus | <https://www.researchgate.net/publication/334415259_Video_watermarking_with_Curvelet_Transform> |
|  | Srinivasa Rao Jajula | IOT Radical Smart Back Pack | Aegaeum Journal | 0776-3808 | Vol 8, 2020 | UGC | http://aegaeum.com/gallery/agm.j-3750.37-f.pdf |
|  | Dr. V Vijayasri Bolisetty | A FinFET Based Adaptive Filter Design Using  Evolutional Algorithm for Noise Suppression | International Journal of Innovative Technology and Exploring Engineering (IJITEE) | 2278-3075 | Vol June, 2019 | UGC | https://www.ijitee.org/wp-content/uploads/papers/v8i8/G6236058719.pdf |
|  | V. Preethi | Automatic fall detection and monitoring wearable device for elder people | International journal of engineering and techniques | 2395-1303 | Vol 5, June 2019 | UGC | - |