

List of Publications by ECE Department

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1. Vivekananthan Venkateswaran. ., “Hybrid, nogenerateds for Ocean Energy Harvesting: Mechanisms, Designs, and Applications. ”, Small, ISSN:-1613-6810, Vol:19(16), Pages:-2300847:-2300868
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3. Saleem Akram Patan "Optimizing reinforcement quantity and synthesizing parameters of iron/fy ash/CNT, nocomposite". The International Journal of Advanced Manufacturing Technology , ISSN:-11, Vol:12, (13) , Pages:-21-27
4. Muzammil Parvez. , Deep learning-based sustainable subsurface anomaly detection in Barker-coded thermal wave imaging, Vol:International Journal of Advanced Manufacturing Technology, ISSN:-1433-3015, Vol:127, (7) , Pages:-3625-3635
5. Sridhar Miriyala., . Long-term impact of ionospheric scintillations on kinematic precise point positioning: seasonal and solar activity dependence over Indian low latitudes, GPS Solutions, ISSN:-1521-1886, Vol:27, (40) , Pages:-1-12
6. Sampad Kumar Panda., . Ionospheric scintillation characteristics from GPS observations over Malaysian region after the 2011 Valentine“™s day solar flare, Journal of Applied Geodesy, ISSN:-1862-9024, Vol:17, (1) , Pages:-79-90
7. Venkata Ratnam Devanaboyina., . Time-differenced double difference method for measurement of, vigation with Indian Constellation (NavIC) receiver differential phase bias, Measurement: Journal of the International Measurement Confederation, ISSN:-2632241, Vol:207, (1) , Pages:-1-6
8. Bhavana Dokku., . MULTIMODAL MEDICAL IMAGE FUSION USING HYBRID DOMAINS, Scalable computing: Practice and Experience, ISSN:-1895-1767, Vol:23, Vol:4) , Pages:-225-232
9. Bhavana Dokku., . Segmentation and Pre-processing of Interstitial Lung Disease using Deep Learning Model, Scalable computing: Practice and Experience, ISSN:-1895-1767, Vol:24, (4) , Pages:-403-420
10. Karthik Chinnasamy. , Improved ethanol sensing and photocatalytic Rhodamine B dye degradation of Ni-SnO₂, noparticles, Materials Science and Engineering: B, ISSN:-414654, Vol:287, (116091) , Pages:-1-10
11. Karthik Chinnasamy. , Solvothermal synthesis of magnetically separable Co“ZnO, nowires for visible light driven photocatalytic applications, :Physica B: Condensed Matter, ISSN:-414654, Vol:652 (414654) , Pages:-1-10
12. Bukya Balaji. , "Design and Analysis of a Symmetrical Low“° Source“Side Spacer Multi“gate, nowire Device”. Journal of Electronic Materials, ISSN:-0361-5235, Vol:52 (1) , Pages:-1-8
13. Sampad Kumar Panda., . High gain circular slot MIMO antenna for Wi“Max and WLAN application with minimum ECC value, Evolving Systems, ISSN:-1868-6486, (1) , Pages:-1-10
14. Pokkunuri Pardha Saradhi. , Flexible Metamaterial-Based Frequency Selective Surface with Square and Circular Split Ring Resonators Combinations for X-Band Applications, Vol:MATHEMATICS, ISSN:-2227-7390, Vol:11 (4) , Pages:-1-23

15. Yesudasu Vasimalla. , Highly sensitive surface plasmon resonance sensor for refractive index detection of Helicobacter Pylori, Vol:OPTIK, ISSN:-2, Vol:274 (3) , Pages:-170516-170527
16. Muzammil Parvez. , Machine learning based models for defect detection in composites inspected by Barker coded thermography: A qualitative analysis, Advances in Engineering Software, ISSN:-0965-9978, Vol:178 (103425) , Pages:-1-8
17. Bukya Balaji. , "Optimal Configuration Planning of Multi-Energy Systems using Optimization-based Deep Learning Technique". Electric Power Components and Systems, ISSN:-1532-5016, Vol:51 (10) , Pages:-1-16
18. Hasane Ahammad Shaik., . Determination of Optical, Photoluminescence, Structural, Spectral, Laser Damage and Thermal Properties of an Organic Methylammonium Hydrogen Succinate Monohydrate Single Crystal (MHSM), of Electronic Materials, ISSN:-3615235, Vol:12 (32) , Pages:-18-28
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22. Atul Kumar. , Double-Absorber CZTS/Sb2Se3 Architecture for High-Efficiency Solar-Cell Devices, Vol:pss (a), ISSN:-5, Vol:5 (5) , Pages:-5-5
23. Bukya Balaji. , Design and analysis of cross phase modulation based all optical half subtractor using carrier reservoir semiconductor optical amplifier, Vol:Optical and Quantum Electronics, ISSN:-1572-817X, Vol:55 (4) , Pages:-680-697
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32. PRABU A V. , Analyzing and Managing Various Energy-Related Environmental Factors for Providing Personalized IoT Services for Smart Buildings in Smart Environment, Vol:Sustainability, ISSN:-20711050, Vol:15 (8) , Pages:-1-21
33. PRABU A V. , Internet of things (IoT) based Smart Healthcare System for Efficient Diagnostics of Health Parameters of Patients in Emergency Care, *Internet of Things Journal*, ISSN:-23274662, Vol:18 (9) , Pages:-1-8
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41. Aswin Kumer S V. , Thyroid Detection and Classification Using DNN Based on Hybrid Meta-Heuristic and LSTM Technique, *Access*, ISSN:-21693536, Vol:11 (1) , Pages:-68127-68138
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I. List of Publications in National Journals during last five years (Authors Names, Title of Paper, Name of the Conference, Volume, Page nos., Year).

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II. List of Publications in International Conference Proceedings during last five years (Authors Names, Title of Paper, Name of the Conference, Volume, Page nos., Year).

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