



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE
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List of publications during A.Y 2019-20

| S. No. | Title of paper | Name of the author/s | Department | Name of journal | Year of publication | ISSN number | listed in |
|--------|---|--------------------------|------------|--|---------------------|-------------|-----------|
| 1 | Geotechnical Characteristics of HNPC Fly Ash | Dr. B.N.D. Narasinga Rao | Civil | International Journal of Innovative Technology and Exploring Engineering | 2020 | 2278-3075 | Scopus |
| 2 | Provable secure lightweight multiple shared key agreement based on hyper elliptic curve Diffie–Hellman for wireless sensor networks | Dr.R.Sivaranjani | CSE | Information Security Journal: A Global Perspective | 2020 | 2510-523X | SCIE |
| 3 | Secure Lightweight IoT Integrated RFID Mobile Healthcare System | Dr.R.Sivaranjani | CSE | Wireless Communications and Mobile Computing | 2020 | 1530-8669 | Scopus |
| 4 | Detecting High Risk Property Taxpayers Using A New Business Intelligence Model: A Case Of New York City Property Tax | Dr.M.Ramakrishna Murty | CSE | PAIDEUMA JOURNAL OF RESEARCH | 2020 | 0090-5674 | UGC |
| 5 | Deep Learning-Based Approach for Time Series Forecasting with Application to Developing a Powerful Intrusion Detection System | S.Ratan Kumar | CSE | Journal of Xidian University | 2020 | 1001-2400 | Scopus |
| 6 | Performance Analysis of Various Differential Privacy Preserving Data Distortion Techniques using Privacy Class | Dr.J.Hyma | CSE | International Journal of Control and | 2020 | 2005-4297 | Scopus |

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|----|--|-----------------------|-----|--|------|---------------------|--------|
| | Utility Metric | | | Automation | | | |
| 7 | Extractive Text Summarization for Sports Articles using Statistical Method | Dr. K Selvani Deepthi | CSE | International Journal of Recent Technology and Engineering (IJRTE) | 2020 | 2277-3878 | Scopus |
| 8 | A Systematic Literature Review of Multi Modal Learning with Deep Neural Networks | Dr. K Selvani Deepthi | CSE | JOURNAL OF XI'an University of Architecture & Technology | 2020 | 1006-7930 | Scopus |
| 9 | A Multimodal Approach for An Application Of Hand Written Character Recognition | Dr.K.Selvani Deepthi | CSE | PAIDEUMA JOURNAL OF RESEARCH | 2020 | ISSN NO : 0090-5674 | UGC |
| 10 | Intrusion Detection system using Gated Recurrent Neural Networks | G.PRANITHA | CSE | PAIDEUMA JOURNAL OF RESEARCH | 2020 | 0090-5674 | UGC |
| 11 | Enhancing Health Care Management | G.PRANITHA | CSE | Journal of Xi'an University of Architecture & Technology | 2020 | 1006-7930 | Scopus |
| 12 | Design and Analysis of Active Contour Model in Breast Cancer Detection using Conventional Ultrasound and Color Doppler | G.V Gayathri | CSE | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 13 | Design and Analysis of Active Contour Model in Breast Cancer Detection using Conventional Ultrasound and Color Doppler | B Siva Jyothi | CSE | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 14 | Real time Human Action Recognition using triggered frame extraction and a typical CNN heuristic. | Soumya Ranjan Mishra | CSE | Pattern Recognition Letters | 2020 | 0167-8655 | Scopus |
| 15 | Novel Algorithm for IRIS Recognition And Identification | K.Chandra Sekhar | CSE | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 16 | Best Marketing Model for CRM (Customer Relationship Management) | G. V Gayathri | CSE | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 17 | Best Marketing Model for CRM (Customer Relationship Management) | B.Siva Jyothi | CSE | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |

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| 18 | A SURVEY ON MACHINE LEARNING TECHNIQUES FOR TITLES EXTRACTION FROM REFERENCES | Mr. P. Krishnanjaneyulu | CSE | PAIDEUMA JOURNAL OF RESEARCH | 2020 | 0090-5674 | UGC |
| 19 | A Feature Weighting Technique on SVM for Human Action Recognition | Soumya Ranjan Mishra | CSE | journal of Scientific and Industrial Research(JSIR) | 2020 | 0975-1084 | Scopus |
| 20 | Predicting the Outcome of a T20 Cricket Game Based on the Players' Abilities to Perform Under Pressure | Mamatha Vayelapelli | CSE | IEIE Transactions on Smart Processing & Computing | 2020 | 2287-5255 | Scopus |
| 21 | A Square Patch with L and Inverted L shaped slotted AMC structure for Wi-Fi Applications | Mrs.P.Devi | ECE | International Journal of Recent Technology and Engineering (IJRTE) | 2020 | 2277-3878 | Scopus |
| 22 | Performance analysis of HfO ₂ /InAlN/AlN/GaN HEMT with AlN buffer layer for high power microwave applications | P.Murugapandiyan | ECE | Journal of Science: Advanced Materials and Devices | 2020 | 2468-2179 | Scopus |
| 23 | Performance analysis of HfO ₂ /InAlN/AlN/GaN HEMT with AlN buffer layer for high power microwave applications | V.Rajya Lakshmi | ECE | Journal of Science: Advanced Materials and Devices | 2020 | 2468-2179 | Scopus |
| 24 | RFID Based Smart Trolley for Automatic Billing System | Dr. G Manmadha Rao | ECE | International Journal of Recent Technology and Engineering (IJRTE) | 2020 | 2277-3878 | Scopus |
| 25 | IOT based Home Automation using Raspberry pi | Dr. G Manmadha Rao | ECE | International Journal of Innovative Technology and Exploring Engineering | 2020 | 2278-3075 | Scopus |

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| 26 | Glucose monitoring system using Node MCU | Dr. J. Bhaskar rao | ECE | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 27 | Glucose monitoring system using Node MCU | Dr. S. Srinivas | ECE | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 28 | Intelligent Crop Monitoring and Alerting System: Monitoring Drone | Dr. S. Srinivas | ECE | Alochana Chakra Journal | 2020 | 2231-3990 | UGC |
| 29 | Intelligent Crop Monitoring and Alerting System: Monitoring Drone | Dr. J. Bhaskar rao | ECE | Alochana Chakra Journal | 2020 | 2231-3990 | UGC |
| 30 | Image Processing techniques for extraction of serial numbers on currency notes while depositing in CDM using Python and Rasberry Pi | Dr. J. Bhaskar rao, | ECE | International Journal of Test, engineering and Management | 2020 | 0193-4120 | Scopus |
| 31 | Image Processing techniques for extraction of serial numbers on currency notes while depositing in CDM using Python and Rasberry Pi | Dr. S. Srinivas, | ECE | International Journal of Test, engineering and Management | 2020 | 0193-4120 | Scopus |
| 32 | CONTINUOUS GLUCOSE PROCESSING AND ALERTING SYSTEM | Dr. S. Srinivas | ECE | Juni Khyat journal | 2020 | 2278-4632 | UGC |
| 33 | CONTINUOUS GLUCOSE PROCESSING AND ALERTING SYSTEM | Dr. J. Bhaskar rao | ECE | Juni Khyat journal | 2020 | 2278-4632 | UGC |
| 34 | Switching Transient Analysis and Characterization of an E-Mode B-Doped GaN-Capped AlGaN DH-HEMT with a Freewheeling Schottky Barrier Diode (SBD) | Dr.P.Murugapandiy an | ECE | Journal of ELECTRONIC MATERIALS | 2020 | 03615235, 1543186X | Scopus |
| 35 | Design and development of cross dipole antenna for satellite applications | Dr.P.Murugapandiy an | ECE | FREQUENZ JOURNAL OF RF/MICROWAVE ENGINEERING, PHOTONICS AND COMMUNICATIONS | 2020 | 0016-1136 | Scopus |

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| 36 | Near Field UHF RFID Antenna using Dual-Log Periodic Array | Mrs. B. Deepa | ECE | International Journal on Emerging Technologies | 2020 | (ISSN NO. (Print) : 0975-8364, (Online): 2249-3255) | Scopus |
| 37 | Study of filter performance in removal of noise from Digital images | Mr.D.Anil Prasad | ECE | Mukt Shabd | 2020 | 2347-3150 | UGC |
| 38 | Medical image fusion scheme Using Wavelet along with Curvelet Transform | Mrs. D. Nagamani | ECE | International Journal of Test, engineering and Management | 2020 | 0193-4120 | Scopus |
| 39 | Medical image fusion scheme Using Wavelet along with Curvelet Transform | Mrs.P.S.M Veena | ECE | International Journal of Test, engineering and Management | 2020 | 0193-4120 | Scopus |
| 40 | FACE AND GESTURE RECOGNITION USING “VIOLA AND JONES” METHOD FOR HOME SECURITY SYSTEM | Mr. B. Chandra mouli | ECE | International Journal of Research and Analytical Reviews | 2020 | E-ISSN 2348-1269 | UGC |
| 41 | Dual Frequency Reconfigurable Antenna Using DGS | Mrs. P. Chayadevi | ECE | Alochana Chakra Journal | 2020 | 2231-3990 | UGC |
| 42 | Data Processing Unit For Detection Of Paddy Diseases | Mrs. P. Chayadevi | ECE | Alochana Chakra Journal | 2020 | 2231-3990 | UGC |
| 43 | A differential evolutionary adaptive Harris hawks optimization for two dimensional practical Masi entropy-based multilevel image thresholding | Mr. B. Jena | ECE | Journal of King Saud University – Computer and Information Sciences | 2020 | 1319-1578 | SCI |
| 44 | Improvement of FBMC over OFDM System in terms of PSD and BER | Dr. A. Lakshmi Narayana | ECE | International Journal of Test, engineering and Management | 2020 | 0193-4120 | Scopus |
| 45 | GaN-based high electron mobility transistors for high power and high frequency application: A Review | Mr. N. Ramkumar | ECE | Springer Lecture Notes in Networks and Systems 107 | 2020 | 2367-3370 | Scopus |
| 46 | Breakdown voltage enhancement of gate field plate Al _{0.295} Ga _{0.705} N/GaN | Mr. N. Ramkumar | ECE | International Journal of | 2020 | Print 0020-7217 Online 1362- | Scopus |

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| | HEMTs | | | Electronics | | 3060 | |
| 47 | BER Analysis of NR-LDPC Decoding Algorithms for Next Generation Wireless Communication | Mr. R. Chandrasekhar, | ECE | Journal of Critical Reviews | 2020 | 2394-5125 | Scopus |
| 48 | Switching Transient Analysis and Characterization of an E-Mode B-Doped GaN-Capped AlGaN DH-HEMT with a Freewheeling Schottky Barrier Diode (SBD) | Dr.P.Murugapandian | ECE | Journal of Electronic Materials | 2020 | ISSN 0361-5235 | Scopus |
| 49 | Dynamic modeling of a Green House using Arduino | Ms.M.Nirmala | ECE | International Journal of Engineering Trends and Technology | 2020 | 2231-5381 | Scopus |
| 50 | Dynamic modeling of a Green House using Arduino | Ms.Ch.Anoosha | ECE | International Journal of Engineering Trends and Technology | 2020 | 2231-5381 | Scopus |
| 51 | Dynamic modeling of a Green House using Arduino | Ms.D.Nagamani | ECE | International Journal of Engineering Trends and Technology | 2020 | 2231-5381 | Scopus |
| 52 | Design of Class D Audio Power Amplifier Suitable to Hearing Aid Devices | Mr.P.Devi Pradeep, | ECE | International Journal of Innovative Technology and Exploring Engineering | 2020 | 2278-3075, | Scopus |
| 53 | Equalization for Underwater Acoustic Coded OFDM Communication System Over Multipath Fading Via Simulation Platform | Ms.Ch.Padmasree | ECE | International Journal of Innovative Technology and Exploring Engineering | 2020 | ISSN 2278-3075 | Scopus |
| 54 | Equalization for Underwater Acoustic Coded OFDM Communication System Over Multipath Fading Via Simulation Platform | Ms.V.Shireesha | ECE | International Journal of Innovative | 2020 | ISSN 2278-3075 | Scopus |

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| | | | | Technology and Exploring Engineering | | | |
| 55 | Equalization for Underwater Acoustic Coded OFDM Communication System Over Multipath Fading Via Simulation Platform | Ms.P.Chaya Devi, | ECE | International Journal of Innovative Technology and Exploring Engineering | 2020 | ISSN 2278-3075 | Scopus |
| 56 | Performance Analysis of In AlN/GaN MOSHEMT for High Power RF Applications | Dr.P.Murugapandian | ECE | Journal of Science: Advanced Materials and Devices | 2020 | 2468-2179 | Scopus |
| 57 | Performance Analysis of In AlN/GaN MOSHEMT for High Power RF Applications | Mr.P.Devi Pradeep | ECE | Journal of Science: Advanced Materials and Devices | 2020 | 2468-2179 | Scopus |
| 58 | Performance Analysis of In AlN/GaN MOSHEMT for High Power RF Applications | Mr.V.Vijay Kumar Raju, | ECE | Journal of Science: Advanced Materials and Devices | 2020 | 2468-2179 | Scopus |
| 59 | BER Analysis of NR-LDPC Decoding Algorithms for Next Generation Wireless Communications | R.Chandrasekhar | ECE | Journal of Critical Reviews | 2020 | 2394-5125 | Scopus |
| 60 | Implementation of covid-19 SARS detection method (CSDM) and extended simplified SARS detection method; pp: 5975-5992 | S.Phani Kumar | ECE | International journal of advanced science and technology | 2020 | 2005-4238 | Scopus |
| 61 | ANALYSIS OF CONFORMAL TRIPLE NOTCH ANTENNA FOR C, X AND KU BAND COMMUNICATION | Dr. V.Rajyalakshmi | ECE | Journal of Critical Reviews | 2020 | 2394-5125 | Scopus |

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|----|--|---------------------------|------------------------|--|------|-------------|--------|
| 62 | Insertion and Detection of Hardware Trojans using side channel analysis | Mr. Devi Pradeep | ECE | Alochana Chakra | 2020 | 2231-3990 | UGC |
| 63 | Implementation of Bicubical Interpolation for Detection of Alzheimer's Disease | Mr. A. Sivakumar / B Jena | ECE | Alochana Chakra Journal, | 2020 | 2231-3990 | UGC |
| 64 | Implementation of Bicubical Interpolation for Detection of Alzheimer's Disease | Mr. A. Sivakumar | ECE | Alochana Chakra Journal, | 2020 | 2231-3990 | UGC |
| 65 | Detection of Leg Fracture in X-Ray Images | Mr. A. Sivakumar | ECE | Alochana Chakra Journal, | 2020 | 2231-3990 | UGC |
| 66 | Model Order Reduction of Discrete Uncertain System Using Modified δ - γ Routh Approximation and Affine Arithmetic Method | Dr. T Narasimhulu | EEE | Journal of Advanced Research in Electrical Engineering and Technology | 2020 | 0268-3962 | SCIE |
| 67 | Necessity to Design a Controller for PV Module | Dr. Ch.V.N. Raja | EEE | International Journal of Innovative Technology and Exploring Engineering | 2020 | 2278-3075 | UGC |
| 68 | Enhancement of Voltage Regulation using a Multi-Level Inverter Based Electric Spring with Reduced Number of switches | Dr. J. Vijaya Kumar | EEE | International Journal of Power Electronics and Drive Systems | 2020 | 2088-8694 | Scopus |
| 69 | ENN-Ensemble based Neural Network method for Diabetes Classification | Prof. P.PADMAJA | Information Technology | International Journal of Engineering and Advanced Technology (IJEAT) | 2020 | 2249 – 8958 | Scopus |
| 70 | Webpage Recommendation System Using Interesting Subgraphs and Laplace Based k-Nearest Neighbor | Prof. P.PADMAJA | Information Technology | International Journal of pattern recognition and artificial intelligence | 2020 | 0218-0014 | Scopus |

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|----|---|---|------------------------|--|------|---------------------|--------|
| 71 | Web Features Based Conversion | GVIJAYA LAKSHMI | Information Technology | Mukth Shabd Journal | 2020 | ISSN NO : 2347-3150 | UGC |
| 72 | Influence of Geomagnetic Storms on Ionospheric F 2-Layer at Low and Mid Latitudes in 300° E Meridian | P Peddi Naidu, T Madhavi Latha, M Indira Devi | Physics | Geomagnetism and Aeronomy, Vol. 59 , 2019, 995-1002 | 2020 | 0016-7932 | Scopus |
| 73 | Static structural and steady state thermal analysis of diesel engine cylinder head | K.Satyanarayana | Mechanical | A Journal of composition theory | 2020 | ISSN: 0731-6755 | Scopus |
| 74 | optimization of cutting parameters to obtain the optimum surface roughness and metal removal rate in CNC end milling using TOPSIS based taguchi method, | Dr.M.Rajaroy | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 75 | Flow analysis over a ceiling fan blade | KV.Rukmini | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 76 | Evaluation on thermal stability of hybrid bamboo/sisal fibre reinforced polymer composites; | APSVR.Subrahman yam | Mechanical | Journal of Xi'an university of architecture and technology | 2020 | 1006-7930 | Scopus |
| 77 | Static structural, fatigue and thermal analysis of marine engine piston and piston rings comparing with the different materials | M.Sailaja | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 78 | Steady state thermal analysis on heat sinks by varying fin configuration using ANSYS | G.Naresh | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 79 | Contact stress analysis of helical gear with variation in face width and helix angle by using FEM technique; pp: 2773-2784 | S.Phani Kumar | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 80 | Contact stress analysis of helical gear with variation in face width and helix angle by using FEM technique; pp: 2773-2784 | S.Ramanjineyulu | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |

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|----|--|---------------------------|------------|--|------|-----------|--------|
| 81 | CFD Simulation of symmetric hydrofoil and asymmetric hydrofoil using ANSYS; pp: 1752-1770 | Prof. T.V. Hanumanthu Rao | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 82 | CFD Simulation of symmetric hydrofoil and asymmetric hydrofoil using ANSYS; pp: 1752-1770 | KSl.Soujanya, | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 83 | Modal analysis of vertical axis wind turbine blade | Dr.V.Bindu Neeharika | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 84 | Multi objective optimization of weld bead geometry in TIG welding process through Grey Fuzzy inference system; pp: 1713-1728 | DSS.Ravi Kiran | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 85 | Multi objective optimization of weld bead geometry in TIG welding process through Grey Fuzzy inference system; pp: 1713-1728 | M.Chandra Sekhar | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 86 | Effect of HSS and HCS cutting tools on cutting force in X- direction and tool temperature while machining of EN24 Steel; pp: 961-973 | Dr.NVN.Indra Kiran | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 87 | Effect of HSS cutting tool on cutting parameters while drilling of EN19 steel; pp: 974-984 | B.Pradeep Kumar | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 88 | Programming in ANSYS APDL to investigate stress concentration factor on plate with circular hole | R.Vara prasad | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 89 | Finite element analysis on prepeg used in structural parts of automobiles | APSVR.Subrahman yam | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 90 | Power generation through exhaust gas energy | P.Ramya | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 91 | Experimental investigation of drilling process parameters of Ti-6Al-4V using taguchi technique | B.Roop Sandeep | Mechanical | Journal of Xi'an university of architecture and technology | 2020 | 1006-7930 | Scopus |
| 92 | Design and fabrication of brake and accelerator on single pedal | I.Pavan Kumar | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |

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|-----|--|--------------------|------------------------|---|------|-----------|--------|
| 93 | Design modelling and analysis of horizontal carousel library storage system | J.V.Bhanutej | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 94 | Static and thermal analysis of four stroke petrol engine piston using composite materials | B.Krishna prafulla | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 95 | Static and thermal analysis of four stroke petrol engine piston using composite materials | Dr.K.Satyanarayana | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 96 | Automation of Natural Convection for determining Heat Transfer Coefficient | Dr. Rajesh Ghosh | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 97 | Design, Fabrication and Analysis of Rocker Bogie Mechanism | Dr. Rajesh Ghosh | Mechanical | Mukt Shabd Journal | 2020 | 2347-3150 | UGC |
| 98 | Material selection and static analysis of leaf spring using FEA and taguchi method | B.Nagaraju | Mechanical | A Journal of composition theory | 2020 | 0731-6755 | Scopus |
| 99 | Multi response optimization of machining parameters for turning of GFRP using grey fuzzy relational analysis | DSS Ravi Kiran | Mechanical | A Journal of composition theory | 2020 | 0731-6755 | Scopus |
| 100 | Tribological Behavior of multi-walled carbon nano tubes grafted carbon fiber-reinforced friction material; pp:1-13 | K.Naresh Kumar | Mechanical | Journal of bio and tribo corrosion | 2019 | 2198-4239 | Scopus |
| 101 | experimental investigation to optimize tool performance in high-speed drilling: A Comparative study; | DSS Ravi kiran | Mechanical | Journal of the brazilian society of mechanical sciences and engineering | 2019 | 1806-3691 | SCI |
| 102 | Deep learning and fuzzy rule based hybrid fusion model for data classification | Prof. P.PADMAJA | Information Technology | International Journal of Recent Technology and Engineering | 2019 | 2277-3878 | Scopus |
| 103 | Traffic Risk- Safety Restraints- Awareness through Data Mining Approaches | Dr.M.Rekha Sundari | Information Technology | International Journal of Engineering and Advanced Technology (IJEAT) | 2019 | 2249-8958 | Scopus |

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|-----|--|---------------------|-----|---|------|----------------|--------|
| 104 | Performance of Various SiC Devices and their Behavior in DC/DC Converter | Mrs. K.V.R. Swathi | EEE | International Journal of Innovative Technology and Exploring Engineering, International | 2019 | 2278-3075 | Scopus |
| 105 | Design and Analysis of Closed Loop Control of Multilevel SVPWM Inverter Fed PMSM Drive | Mrs. K. Lavanya | EEE | International journal of Engineering & Advanced Technology (IJEAT) | 2019 | 2249 – 8958, | Scopus |
| 106 | Optimal Power System Control Using Artificial Neural Networks | Mr. V. Anil kumar | EEE | Innovative Systems Design and Engineering | 2019 | ISSN 2222-2871 | SCIE |
| 107 | Optimal Power System Control Using Artificial Neural Networks | M . Divakar | EEE | Innovative Systems Design and Engineering | 2019 | ISSN 2222-2871 | SCIE |
| 108 | Optimal Power System Control Using Artificial Neural Networks | Mr. L Dinesh | EEE | Innovative Systems Design and Engineering | 2019 | ISSN 2222-2871 | SCIE |
| 109 | Adaptive PI control of Electric Springs For Voltage Regulation Under Dynamic Load Changes | Dr. J. Vijaya Kumar | EEE | International Journal of Innovative Technology and Exploring Engineering | 2019 | 2278-3075 | Scopus |
| 110 | A diagnostic approach for calculation of threshold points of a PR controller for single-phase grid connected PV system | Dr. J. Vijaya Kumar | EEE | International Journal of Control and Automation, International | 2019 | 2005-4297 | Scopus |
| 111 | Time-Domain Simulations of Single-Phase Enhanced PLL for Power Converters under Distorted Grid Conditions | Dr. J. Vijaya Kumar | EEE | International Journal of Recent Technology and Engineering | 2019 | 2277-3878 | Scopus |

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| 112 | Project Stratagem for a Nonlinear Vector Controller Fed BLDC Motor | Mrs. T.V. Subhashini | EEE | International Journal of Engineering and Advanced Technology | 2019 | 2249 – 8958 | Scopus |
| 113 | Speed characteristics of two-fold sliding mode control of BLDC motor | Mr S Balamurali | EEE | International Journal of Recent Technology and Engineering, International | 2019 | 2277-3878 | Scopus |
| 114 | Price based fuzzy automatic generation control for Indian tariff system | Dr. V. Murali | EEE | Energy Systems | 2019 | 1868-3967 | Scopus |
| 115 | Gate-Induced Drain Leakage: A Brief Survey on Effects Applications and modeling | Dr. S. Srinivas | ECE | International Journal of Test, engineering and Management | 2019 | 0193-4120 | Scopus |
| 116 | Design and Development of high power microwave Tubes- Reltron | Dr.P.Murugapandian | ECE | Journal of the Gujarat research society | 2019 | ISSN 0374-8588 | UGC |
| 117 | Investigation of AlGaIn/GaN High Electron Mobility Transistors performance for various Al content and barrier layer thicknesses | Dr.P.Murugapandian | ECE | Journal of the Gujarat research society | 2019 | ISSN 0374-8588 | UGC |
| 118 | Investigation of AlGaIn/GaN High Electron Mobility Transistors performance for various Al content and barrier layer thicknesses | Dr.V.Rajyalakshmi, | ECE | Journal of the Gujarat research society | 2019 | ISSN 0374-8588 | UGC |
| 119 | Spectral Efficiency of FBMC Over OFDM System | Dr.A.Lakshmi Narayana | ECE | International Journal of Innovative Technology and Exploring Engineering (IJITEE) | 2019 | 2278-3075 | Scopus |
| 120 | Multiplexer based High Speed Double Precision Floating Point Multiplication | Mr. K V Gowreesrinivas | ECE | International Journal of Advanced Science and | 2019 | 2207-6360 | Scopus |

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| | | | | Technology | | | |
| 121 | A provably secure cluster-based hybrid hierarchical group key agreement for large wireless ad hoc networks | Dr.R.Sivaranjani | CSE | Human Centric Computing and Information Science | 2019 | 2192-1962 | Scopus |
| 122 | Dbscan Assisted by Hybrid Genetic K Means Algorithm | K.Suresh | CSE | International Journal of Recent Technology and Engineering (IJRTE) | 2019 | 2277-3878 | Scopus |
| 123 | Scalable Methodology to Hide Audio Data in Cover Image using RGB and Gray Color based Key Positioning Image Steganography | Mr.Jagadish Gurrala | CSE | International Journal of Recent Technology and Engineering (IJRTE) | 2019 | 2278-3878 | Scopus |
| 124 | A Sigmoid based Learning in Heterogeneous Distortion for Data Privacy | Dr.J.Hyma | CSE | International Journal of Innovative Technology and Exploring Engineering | 2019 | 2278-3075 | Scopus |
| 125 | Cost economics of geocell reinforced flexible Pavements on soft soils by using Kenpave software | T. V. Viswa Teja Ch. Vineel | Civil | International Journal of Recent Technology and Engineering (IJRTE) | 2019 | 2277-3878 | Scopus |
| 126 | A Research Experimentation on Compressive Strength of Steel Fiber Reinforced Concrete Columns Exposed to Temperature up to 700oC by NDT Methods | MKSSK Chaitanya Dr. K Srinivasa Rao | Civil | International Journal of Innovative Technology and Exploring Engineering (IJITEE) | 2019 | 2278-3075 | Scopus |
| 127 | Experimental Investigation on Performance of Multiwalled Carbon Nanotubes Grafted | S.siva Kumar | Chemistry | International Journal of | 2019 | 2005-4238 | Scopus |

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| | Carbon Fiber Reinforced Friction Material | | | Advanced Science and Technology, | | | |
| 128 | PPF dependent fixed points of generalized Suzuki type contractions via simulation functions | Mr. M. Vinod Kumar | MATHEMATICS | Advances in the Theory of Nonlinear Analysis and its Applications | 2019 | 2587-2648 | Scopus |
| 129 | PPF dependent fixed points of generalized contractions via $C \setminus G$ -simulation functions | Mr. M. Vinod Kumar | MATHEMATICS | Communications in Nonlinear Analysis | 2019 | 2371-7920 | SCIE |
| 130 | Soft Ternary Γ -Semirings-II | B Ravi Kumar | MATHEMATICS | International Journal of Recent Technology and Engineering | 2019 | 2277-3878 | Scopus |