| S No | Name | Dept | Title | Year | Journal | Scopus/SCI/ESCI |
|---|---|---|---|---|---|---|
| 1 | Kumar T.; Bajaj R.K.; Ansari M.D. | CSE | On accuracy function and distance measures of interval-valued Pythagorean fuzzy sets with application to decision making | 2020 | Scientia Iranica | SCI |
| 2 | Nair D.V.; Murty M. | EEE | Reconfigurable control as actuator fault-tolerant control design for power oscillation damping | 2020 | Protection and Control of Modern Power Systems | SCI |
| 3 | Nayak S.C.; Misra B.B. | CSE | Extreme learning with chemical reaction optimization for stock volatility prediction | 2020 | Financial Innovation | SCI |
| 4 | Kamili C.; Kandoti H.S.; Sarolu S.K.; Merugu S.; Konde A. | ECE | Antiangiogenic potential of levetiracetam by blocking n-type voltage gated calcium channels | 2020 | Indian Journal of Pharmaceutical Education and Research | SCI |
| 5 | Gopagoni P.K.; S K M.R. | | Distributed elephant herding optimization for grid-based privacy association rule mining | 2020 | Data Technologies and Applications | SCI |
| 6 | Skandha S.S.; Gupta S.K.; Saba L.; Koppula V.K.; Johri A.M.; Khanna N.N.; Mavrogeni S.; Laird J.R.; Pareek G.; Miner M.; Sfikakis P.P.; Protogerou A.; Misra D.P.; Agarwal V.; Sharma A.M.; Viswanathan V.; Rathore V.S.; Turk M.; Kolluri R.; Viskovic K.; Cuadrado-Godia E.; Kitas G.D.; Nicolaides A.; Suri J.S. | CSE | 3-D optimized classification and characterization artificial intelligence paradigm for cardiovascular/stroke risk stratification using carotid ultrasound-based delineated plaque: Atheromatic™ 2.0 | 2020 | Computers in Biology and Medicine | SCI |
| 7 | Challa M.L.; Malepati V.; Kolusu S.N.R. | CSE | S&P BSE Sensex and S&P BSE IT return forecasting using ARIMA | 2020 | Financial Innovation | SCI |
| 8 | Saba L.; Agarwal M.; Sanagala S.S.; Gupta S.K.; Sinha G.R.; Johri A.M.; Khanna N.N.; Mavrogeni S.; Laird J.R.; Pareek G.; Miner M.; Sfikakis P.P.; Protogerou A.; Viswanathan V.; Kitas G.D.; Suri J.S. | CSE | Brain MRI-based Wilson disease tissue classification: An optimised deep transfer learning approach | 2020 | Electronics Letters | SCI |
| 9 | Vivekanand S.V.B.; Raju V.R.K. | CSE | Modulated wall motion approach for augmenting slug flow heat transfer between two micro-parallel plates | 2020 | Physics of Fluids | SCI |
| 10 | Talab M.A.; Awang S.; Ansari M.D. | CSE | A Novel Statistical Feature Analysis-Based Global and Local Method for Face Recognition | 2020 | International Journal of Optics | SCI |
| 11 | Sharma H.K.; Yadaiah M.; Mukhopadhyay S.; Chatterjee A. | H&S | Nature of Localization-Delocalization Transition in a Two-Level System Interacting with a Phonon Bath: a Variational Treatment with an Improved Wave Function | 2020 | International Journal of Theoretical Physics | SCI |
| 12 | Rashid E.; Ansari M.D. | CSE | Fixing the bugs in software projects from software repositories for improvisation of quality | 2020 | Recent Advances in Electrical and Electronic Engineering | ESCI |
| 13 | REDDY D.A.; NARASIMHA G.; RAJU V.R. | CSE | Computational analysis of microelectrode recording of sub thalamic nucleus neural signals with deep brain stimulation in parkinson's disease using multivariate techniques: Machine learning approach (a preliminary research report) | 2020 | Journal of Theoretical and Applied Information Technology | Scopus |
| 14 | Kancherla P.K.; Amulya B.; Venkateshwar Rao B. | ECE | Coplanar waveguide fed multimode resonant switchable antenna | 2020 | International Journal of Advanced Science and Technology | Scopus |
| 15 | Pothuraju V.L.; Alekhya P. | MBA | Impact of corporate social responsibility on organization performance (With reference to select companies of the it sector) | 2020 | International Journal of Advanced Science and Technology | Scopus |
| 16 | Srinivasa Varma B.; Nain S.S. | ME | Upgrading of surface properties of ef6 cast iron using thermal barrier coating | 2020 | Journal of Green Engineering | Scopus |
| 17 | Mahalakshmi M.; Vijayakumar D.; Venkateshwar Rao B. | ECE | Energy efficient detection and tracking algorithm for fast moving objects under constant background | 2020 | Journal of Green Engineering | Scopus |
| 18 | Thalluri L.N.; Guha K.; Srinivasa Rao K.; Prasad G.V.H.; Sravani K.G.; Sastry K.S.R.; Kanakala A.R.; Babu P.B. | ECE | Perforated serpentine membrane with AlN as dielectric material shunt capacitive RF MEMS switch fabrication and characterization | 2020 | Microsystem Technologies | Scopus |
| 19 | Kotishwar A. | MBA | A STUDY ON AWARENESS OF GST FILING AMONG RETAIL BUSINESS IN HYDERABAD CITY IN TELANGANA | 2020 | Academy of Accounting and Financial Studies Journal | Scopus |
| 20 | Reddy A.P.; Rao P.N.; Reddy M.C.S.; Rao B.A.; Veeraiah N. | H&S | Second harmonic generation and spectroscopic characteristics of TiO2 doped Li2O–Al2O3–B2O3 glass matrix | 2020 | Applied Physics A: Materials Science and Processing | Scopus |
| 21 | Malik M.Z.; Kumar D.S.; Mukhopadhyay S.; Chatterjee A. | H&S | Role of spin-orbit interactions on the entropy and heat capacity of a quantum dot helium placed in an external magnetic field | 2020 | Physica E: Low-Dimensional Systems and Nanostructures | Scopus |
| 22 | Srinivasan S.; Muthubalaji S.; Devadasu G. | EEE | An improved h-bridge multi level inverter topology with minimal switches for harmonic reduction using artificial bee colony algorithm | 2020 | International Journal of Advanced Science and Technology | Scopus |
| 23 | Srinivasa Rao K.; Srinivasa Varma B.; Ahmed Ali Baig M.; Kulakarni S.A. | ME | Prospective use of sustainable royal palm fiber for substitution of particle board applications | 2020 | Journal of Green Engineering | Scopus |
| 24 | Nayak S.C.; Das S.; Ansari M.D. | CSE | TLBO-FLN: Teaching-learning based optimization of functional link neural networks for stock closing price prediction | 2020 | International Journal of Sensors, Wireless Communications and Control | Scopus |
| 25 | Praveen Kumar K.; Amulya B.; Venkateshwar Rao B. | ECE | Compact multiband printed antenna design and analysis | 2020 | International Journal of Control and Automation | Scopus |
| 26 | Srinivasa Rao K.; Panthangi R.K.; Ahmed Ali Baig M. | ME | Comparative characteristic analysis of diesel engine with biodiesels | 2020 | International Journal of Mechanical and Production Engineering Research and Development | Scopus |
| 27 | Loheswaran K.; Murali D.; Kalaiabirami D. | CSE | RNN with adaptive split algorithm for the analysis of security on cloud computing | 2020 | International Journal of Advanced Science and Technology | Scopus |
| 28 | Ansari M.D.; Usman M. | CSE | Editorial | 2020 | International Journal of Sensors, Wireless Communications and Control | Scopus |
| 29 | Kotishwar A. | MBA | Impact of high frequency trading on equity market with reference to NSE India | 2020 | Indian Journal of Finance | Scopus |
| 30 | Kotishwar A. | MBA | IMPACT OF COVID-19 PANDEMIC ON STOCK MARKET WITH REFERENCE TO SELECT COUNTRIES - A STUDY | 2020 | Academy of Accounting and Financial Studies Journal | Scopus |

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| 31 | Shilpa T.; Mouli D.V.V.V.C.; Praveen K. | | Analysis of three phase seven level inverter fed PMSM Drive Using Fuzzy Logic Controller based on Field Oriented Control (FOC) | 2020 | Journal of Advanced Research in Dynamical and Control Systems | Scopus |
| 32 | Manasa M.; Devadasu G.; Sangeetha S. | EEE | Power quality enhancement employing evolutionary algorithm based 17 level asymmetrical multilevel inverter | 2020 | Journal of Advanced Research in Dynamical and Control Systems | Scopus |
| 33 | Ansari M.D.; Rashid E.; Skandha S.S.; Gupta S.K. | CSE | A comprehensive analysis of image forensics techniques: Challenges and future direction | 2020 | Recent Patents on Engineering | Scopus |
| 34 | Humera Nishath S.; Anand R.; Shirisha R. | EEE | Performance analysis of coupled inductor sepic topology using pi, fuzzy controller for low power led lighting systems | 2020 | Journal of Advanced Research in Dynamical and Control Systems | Scopus |
| 35 | Rao P.V.N.; Bala Subramanyam P.V.; Muthu Balaji S. | EEE | Improving the efficiency of the electrical vehicle wireless charging system by rectifier load analysis using ANFIS controller | 2020 | Journal of Advanced Research in Dynamical and Control Systems | Scopus |
| 36 | Nayak S.C. | CSE | A fireworks algorithm based Pi-Sigma neural network (FWA-PSNN) for modelling and forecasting chaotic crude oil price time series | 2020 | EAI Endorsed Transactions on Energy Web | Scopus |
| 37 | Karuna B.N.R.; Kondala Rao K.; Lakshmi Narayan K.; Ravindra Reddy B. | H&S | Stability analysis of a dengue disease transmission model with intracellular delay | 2020 | Advances in Mathematics: Scientific Journal | Scopus |
| 38 | Kotishwar A. | MBA | Impact of blockchain technology on efficiency of financial transactions | 2020 | Indian Journal of Finance | Scopus |
| 39 | Pulimamidi A.; Shankar Rao C.H.; Sanjeev D. | EEE | Power quality improvement of DFIG based hybrid energy conversion system by sliding mode control | 2020 | Journal of Advanced Research in Dynamical and Control Systems | Scopus |
| 40 | Prathyusha C.; Vijaya Shanthshanth M.; Harish V. | EEE | Validation of solar PV-wind hybrid system with incremental conductance algorithm | 2020 | Journal of Advanced Research in Dynamical and Control Systems | Scopus |
| 41 | Venkateshwarlu M.; Rajagopal K.; Reddy Y.S. | CE | Geochemical Studies on the Groundwater of Kistapur Village, Medchal District, Telangana | 2020 | Indian Journal of Environmental Protection | Scopus |
| 42 | Reddy P.C.S.; Sureshbabu A. | CSE | An enhanced multiple linear regression model for seasonal rainfall prediction | 2020 | International Journal of Sensors, Wireless Communications and Control | Scopus |
| 43 | Vyshnavi B.; Srinivasa Rao G. | EEE | Back-to-back switch connected npc multilevel inverter FED im drive | 2020 | Journal of Advanced Research in Dynamical and Control Systems | Scopus |
| 44 | Sreekanth B.; Srinivasa Varma B.; Saha B.P. | ME | Reliability of zirconia toughened alumina (Zta) ceramics cutting tools while machining hardened steels of 340 bhn in high speed machining | 2020 | International Journal of Mechanical and Production Engineering Research and Development | Scopus |
| 45 | Sahu K.K.; Nayak S.C.; Behera H.S. | CSE | Forecasting Currency Exchange Rate Time Series With Fireworks Algorithm-Based Higher Order Neural Network, With Special Attention To Training Data Enrichment | 2020 | Computer Science | Scopus |
| 46 | Neelima Patnaik D.; Krishna P.; Vardhani C.P. | H&S | LiTaO3 Directional Coupler Switch with Enhanced Extinction Ratio and Low Insertion Loss | 2020 | Journal of Physics: Conference Series | Conf |
| 47 | Amarnath G.; Sudha D.; Krishna D.; Ghanate S.; Karthik S.; Vinod A. | ECE | Analytical Model Development for Channel Potential in Junction-less Double-Gate FETs | 2020 | Proceedings of IEEE International Conference on Advent Trends in Multidisciplinary Research and Innovation, ICATMRI 2020 | Conf |
| 48 | Rani T.P.; Balasubrahmanyam P.V.; Mane M. | EEE | Impact of deregulated power system market in congestion management of a transmission line a conceptual approach | 2020 | AIP Conference Proceedings | Conf |
| 49 | Ramyasri S.; Mahalakshmi M. | ECE | IOT Based Progressive Anti Theft ATM Security System | 2020 | IOP Conference Series: Materials Science and Engineering | Conf |
| 50 | Gogineni S.; Pimpalshende A. | CSE | Predicting IMDb movie rating using deep learning | 2020 | Proceedings of the 5th International Conference on Communication and Electronics Systems, ICCES 2020 | Conf |
| 51 | Amarnath G.; Sudha D.; Krishna D.; Karthik S.; Ghanate S.; Vinod A. | ECE | Developement of Threshold-Voltage Analytical-Model for Double-Gate-Junction-less FETs | 2020 | Proceedings of IEEE International Conference on Advent Trends in Multidisciplinary Research and Innovation, ICATMRI 2020 | Conf |
| 52 | Harsha Priya M.; Krishnaveni S. | ECE | Labview implemented breast cancer detection using watershed algorithm | 2020 | Proceedings of the 5th International Conference on Communication and Electronics Systems, ICCES 2020 | Conf |
| 53 | Amarnath G.; Sudha D.; Hima Bindhu S.K. | ECE | Analysis of Temperature Effect on Small-Signal-Equivalent-Circuit Parameters for AlInN/GaN MOS-HEMT | 2020 | Proceedings of IEEE International Conference on Advent Trends in Multidisciplinary Research and Innovation, ICATMRI 2020 | Conf |
| 54 | Amudhavalli N.K.; Sivasankar S.; Shunmugasundaram M.; Kumar A.P. | CE | Characteristics of granite dust concrete with m-sand as replacement of fine aggregate composites | 2020 | Materials Today: Proceedings | Conf |
| 55 | Shunmugasundaram M.; Kumar A.P.; Amudhavalli N.K.; Sivasankar S. | CE | Parametric optimization on tensile strength of friction stir butt joints of dissimilar aa6061 and aa5052 aluminium alloys by taguchi technique | 2020 | Materials Today: Proceedings | Conf |
| 56 | Azeem; Ameer Ahamad N.; Baig M.A.A.; Srinivasa Rao K.; John L. | ME | Effect of centrally placed internal heating strip on heat transfer in a porous cavity | 2020 | Materials Today: Proceedings | Conf |
| 57 | Khan M.; Ansari M.D.; Shahdad S.Y. | CSE | Challenges and Uses of Big Data Analytics for Social Media | 2020 | Lecture Notes in Electrical Engineering | Conf |
| 58 | Sahu K.K.; Nayak S.C.; Behera H.S. | CSE | Towards Designing and Performance Analysis of Evolving Higher Order Neural Networks for Modeling and Forecasting Exchange Rate Time Series Data | 2020 | Lecture Notes in Electrical Engineering | Conf |
| 59 | Marrapu B.M.; Jakka R.S. | CE | A Comparative Study on the Performance of ANN, MLR and MNR in the Assessment of Slope Stability for Kalla - Coonoor Hill Road Stretch of Nilgiris | 2020 | Learning and Analytics in Intelligent Systems | Conf |
| 60 | Nain S.S.; Rathi R.; Srinivasa Varma B.; Panthangi R.K.; Kumar A. | ME | Machine learning application for pulsating flow through aluminum block | 2020 | Lecture Notes in Mechanical Engineering | Conf |
| 61 | Kumar A.P.; Shunmugasundaram M.; Sivasankar S.; Amuthavalli N.K. | CE | Evaluation of axial crashworthiness performance of composite wrapped metallic circular tubular structures | 2020 | Materials Today: Proceedings | Conf |
| 62 | Sivasankar S.; Amudhavalli N.K.; Kumar A.P.; Shunmugasundaram M. | CE | Crushing strength of square hollow steel tubular sections externally jacketed by carbon fibre reinforced polymer strips | 2020 | Materials Today: Proceedings | Conf |

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| 63 | Nayak S.C.; Sanjeev Kumar Dash C.; Behera A.K.; Dehuri S. | CSE | Improving Stock Market Prediction Through Linear Combiners of Predictive Models | 2020 | Advances in Intelligent Systems and Computing | Conf |
| 64 | Nayak S.C.; Sanjeev Kumar Dash C.; Mishra B.B.; Dehuri S. | CSE | Multi-Verse Optimization of Multilayer Perceptrons (MV-MLPs) for Efficient Modeling and Forecasting of Crude Oil Prices Data | 2020 | Learning and Analytics in Intelligent Systems | Conf |
| 65 | Merugu S.; Jain K.; Mittal A.; Raman B. | ECE | Sub-scene Target Detection and Recognition Using Deep Learning Convolution Neural Networks | 2020 | Lecture Notes in Electrical Engineering | Conf |
| 66 | Nayak S.C.; Kumar K.V.; Jilla K. | CSE | ACRRFLN: Artificial Chemical Reaction of Recurrent Functional Link Networks for Improved Stock Market Prediction | 2020 | Advances in Intelligent Systems and Computing | Conf |
| 67 | Reddy P.C.S.; Sureshbabu A. | CSE | An Applied Time Series Forecasting Model for Yield Prediction of Agricultural Crop | 2020 | Advances in Intelligent Systems and Computing | Conf |
| 68 | Kumar S.; Ansari M.D.; Gunjan V.K.; Solanki V.K. | CSE | On Classification of BMD Images Using Machine Learning (ANN) Algorithm | 2020 | Lecture Notes in Electrical Engineering | Conf |
| 69 | Challa M.L.; Soujanya K.L.S. | CSE | Secured smart mobile app for smart home environment | 2020 | Materials Today: Proceedings | Conf |
| 70 | Amudhavalli N.K.; Sivasankar S.; Shunmugasundaram M.; Praveen Kumar A. | CE | Correlation Involving Compressive Strength and Flexural Strength of Polyester Fiber-Reinforced Binary Blended Concrete | 2020 | Springer Proceedings in Materials | Book chapt |
| 71 | Sivasankar S.; Amudhavalli N.K.; Praveen Kumar A.; Shunmugasundaram M. | CE | Effect of Carbon Fiber-Reinforced Polymer Strips on Square Steel Tubular Sections Under Compression | 2020 | Springer Proceedings in Materials | Book chapt |
| 72 | Venkateshwarlu M.; Merugu S. | CE | Fuzzy inference system based assessment of pollution aspects in hyderabad | 2020 | Lecture Notes in Electrical Engineering | Book chapt |
| 73 | Koppula V.K.; Sai Soumya D.; Merugu S. | CSE | Nurse alarming device for bedridden patients using hand gesture recognition system | 2020 | Lecture Notes in Electrical Engineering | Book chapt |
| 74 | Shunmugasundaram M.; Praveen Kumar A.; Amudhavalli N.K.; Sivasankar S. | CE | Investigations on the Tensile and Flexural Properties of Vacuum-Infused Areca Polymer Nanocomposites | 2020 | Springer Proceedings in Materials | Book chapt |
| 75 | Praveen Kumar A.; Shunmugasundaram M.; Sivasankar S.; Amudhavalli N.K. | CE | Effect of Nano Fillers on the Mechanical Behavior of Mercerized Plain Weaved Flax Fabric Reinforced Polymer Composites | 2020 | Springer Proceedings in Materials | Book chapt |
| 76 | Kumar S.; Ansari M.D.; Naik M.V.; Solanki V.K.; Gunjan V.K. | CSE | A comparative case study on machine learning based multi-biometric systems | 2020 | Lecture Notes in Electrical Engineering | Book chapt |
| 77 | Musini V.; Merugu S.; Rohini Reddy T. | CE | Information system used to study on effect of groundwater quality | 2020 | Lecture Notes in Electrical Engineering | Book chapt |
| 78 | Syed A.T.; Merugu S.; Kumar V. | ECE | Augmented reality on sudoku puzzle using computer vision and deep learning | 2020 | Lecture Notes in Electrical Engineering | Book chapt |
| 79 | Rashid E.; Ansari M.D.; Gunjan V.K.; Khan M. | CSE | Enhancement in teaching quality methodology by predicting attendance using machine learning technique | 2020 | Studies in Computational Intelligence | Book chapt |
| 80 | Nayak S.C.; Kumar K.V.; Satyanarayana B. | CSE | Towards designing a computationally efficient neural network model for improved financial time series forecasting | 2020 | Lecture Notes in Electrical Engineering | Book chapt |
| 81 | Rashid E.; Ansari M.D.; Gunjan V.K.; Ahmed M. | CSE | Improvement in extended object tracking with the vision-based algorithm | 2020 | Studies in Computational Intelligence | Book chapt |
| 82 | Naik M.V.; Anasari M.D.; Gunjan V.K.; Kumar S. | CSE | A comprehensive study of sentiment analysis in big data applications | 2020 | Lecture Notes in Electrical Engineering | Book chapt |
| 83 | Shukla A.; Merugu S.; Jain K. | ECE | A technical review on image super-resolution techniques | 2020 | Lecture Notes in Electrical Engineering | Book chapt |