

**Office of the Academic Research**
**Table - III**
**Publications of VIT-AP University from 01-05-2025 to 31-05-2025**

| Sl. No. | School | Authors                                                                                         | Title                                                                                                                                     | Source title                                                        |
|---------|--------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| 1       | SAS    | Pradhan D.D.; Chakraverty A.P.; Badapanda T.; Nayak R.; Mohanty U.K.; Das M.R.                  | Property enhancement of alternating glass/carbon fibre laminated FRP composite by glow discharge post-plasma irradiation                  | Composites Part B: Engineering                                      |
| 2       | SCOPE  | Anithakumari T.; Mishra S.                                                                      | OASIS: Online adaptive ensembles for drift adaptation on evolving IoT data streams                                                        | Internet of Things (The Netherlands)                                |
| 3       | SAS    | Danish F.; Triveni G.R.V.; Lone U.M.                                                            | Enhanced Imputation Methods Using Bivariate Auxiliary Information in Stratified Sampling: An application on Road Accident Data            | Alexandria Engineering Journal                                      |
| 4       | SCOPE  | Simhadri C.G.; Kondaveeti H.K.; Vatsavayi V.K.; Mitra A.; Ananthachari P.                       | Deep learning for rice leaf disease detection: A systematic literature review on emerging trends, methodologies and techniques            | Information Processing in Agriculture                               |
| 5       | SENSE  | Sona D.R.; Amulya R.; Al-Tamimi A.N.J.; Kalaiselvan N.; Mohammed M.N.; Bagadi K.; Abdullah O.I. | An Advanced Energy Efficient Lightweight ElGamal Cryptography Technique for IoT Device                                                    | AIP Conference Proceedings                                          |
| 6       | SENSE  | Taresa A.; Singh A.; Tekilu D.; Pandey C.K.                                                     | High-K Pocket in Tunneling FET Devices                                                                                                    | Metal Oxide-based High-K Dielectrics: Fundamentals and Applications |
| 7       | SAS    | Bala Sai Sankar B.; Karunakar P.                                                                | Solution of imprecisely defined nonlinear time-fractional Fisher equation using fractional reduced differential transform method          | Engineering Computations (Swansea, Wales)                           |
| 8       | SCOPE  | Prasanna K.S.L.; Challa N.P.; Nagarju J.; Althaph B.; Rao R.S.; Ch V.S.D.; Naseeba B.           | Multi Classification of ECG Signals based on Convolution and Residual Neural Networks for Effective Forecasting of Cardiovascular Disease | International Research Journal of Multidisciplinary Technovation    |
| 9       | SAS    | Kumari M.; Mandal S.                                                                            | Stabilizing a New Wing-Type 4D Chaotic Signals Using Adaptive Control                                                                     | AIP Conference Proceedings                                          |

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| 10 | SAS   | Patra J.; Verma V.K.                                                                                                        | Nickel ferrite: Advances in the synthesis methods, properties and its applications                                                               | Nano-Structures and Nano-Objects                    |
| 11 | SAS   | Boddapati S.N.M.; Tamminana R.; Senapathi H.J.; Kola A.E.; Ansari S.A.; Kapavarapu R.K.; Bollikolla H.B.; Jonnalagadda S.B. | An efficient Cu catalyzed regioselective Ortho-nitration approach for the synthesis of 2-nitroarylcyanamides: Molecular docking and ADME studies | Journal of Molecular Structure                      |
| 12 | SAS   | Sarkar R.; De Joarder D.; Mukhopadhyay C.                                                                                   | Recent advances in the syntheses and reactions of biologically promising $\beta$ -lactam derivatives                                             | Tetrahedron                                         |
| 13 | SENSE | Sangam S.L.; Sinha A.K.                                                                                                     | Design and Test of Nanoscale Non-Aligned Double Gate FET Inverter and Ring Oscillator for Low-Power Application in TCAD Simulation Environment   | Journal of Circuits, Systems and Computers          |
| 14 | SAS   | Chinna Venkata Subbaiah G.; Madhusudhana Rao N.; Praveenkumar N.                                                            | Dy-Cu-Gd triple doped CeO <sub>2</sub> diluted magnetic semiconductor nanopowders: structural, optical, and magnetic properties                  | Applied Physics A: Materials Science and Processing |
| 15 | SENSE | Srinubabu M.; Sinh N.X.; Addepalli T.; Louangvilay X.; Rajasekhar N.V.                                                      | Design of integrated 4 × 4 MIMO antenna for sub 6-GHz and mm-wave operation using T-shaped isolation                                             | Physica Scripta                                     |
| 16 | SAS   | Juthiga V.V.K.V.; Boddapati S.N.M.; Balha M.; Tamminana R.                                                                  | Comprehensive review on green methods: Synthesis of benzothiazoles                                                                               | Results in Chemistry                                |
| 17 | SENSE | Kumar A.P.; Lorenzo R.                                                                                                      | Design of 32 × 32 (1 KB) SRAM array using 10T SRAM cell for portable low power biomedical applications                                           | Analog Integrated Circuits and Signal Processing    |
| 18 | SENSE | Shabber S.M.; Sumesh E.P.; Ramachandran V.L.                                                                                | Scalogram based performance comparison of deep learning architectures for dysarthric speech detection                                            | Artificial Intelligence Review                      |
| 19 | SAS   | Ahamed J.M.Z.; Sinuvasan R.                                                                                                 | Exploring the (3+1)-generalized Kadomtsev-Petviashvili equation: symmetries, reductions, and exact solutions                                     | Physica Scripta                                     |
| 20 | SAS   | Danish F.                                                                                                                   | A design-based framework for optimal stratification using super-population models with application on real data set of breast cancer             | PLoS ONE                                            |

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| 21 | SENSE | Atla K.G.R.; Sharma R.                                                                                                     | Motor imagery classification using a novel CNN in EEG-BCI with common average reference and sliding window techniques                                     | Alexandria Engineering Journal                |
| 22 | SCOPE | Hajarathaiah K.; Kolli C.S.; Tatireddy S.R.; Kumar M.P.J.S.; Radha V.K.R.; Reddy V.V.K.                                    | Cascade Kronecker neuro-fuzzy network based influential node identification                                                                               | Applied Soft Computing                        |
| 23 | SENSE | Bandaru M.; Mathe S.E.                                                                                                     | FPGA based high speed parallel modular polynomial multiplier for lattice based cryptosystems                                                              | Computers and Electrical Engineering          |
| 24 | SAS   | Tripathy D.; Rath S.L.; Debata N.B.; Chand D.K.                                                                            | Synthesis, characterization and biological activity of binuclear palladium(II) complexes                                                                  | Results in Chemistry                          |
| 25 | SCOPE | Venugopal J.P.; Subramanian A.A.V.; Murugan M.; Sundaram G.; Rivera M.; Wheeler P.                                         | DCAT: A Novel Transformer-Based Approach for Dynamic Context-Aware Image Captioning in the Tamil Language                                                 | Applied Sciences (Switzerland)                |
| 26 | SAS   | Dhara K.; Mandal S.                                                                                                        | Generalized regression neural network-based impulsive event-triggered attitude tracking control for non-identical satellite systems under actuator faults | International Journal of Dynamics and Control |
| 27 | SENSE | Jaya M.; Lorenzo R.                                                                                                        | Comprehensive review on charge plasma based junction less TFET biosensor                                                                                  | Microsystem Technologies                      |
| 28 | SCOPE | Karimunnisa S.; Gopu A.; Rao T.P.; Ayyadurai M.; Kumar E.                                                                  | A novel workload forecasting model for cloud computing using ALAA-DBN algorithm                                                                           | Multimedia Tools and Applications             |
| 29 | SCOPE | Shaik R.; S R R.                                                                                                           | OIPFST: AI-based Fitzpatrick skin tone labelling utilizing skin lesions                                                                                   | Multimedia Tools and Applications             |
| 30 | SCOPE | Vellela S.S.; D R.; Purimetla N.R.; Thalakola S.; Vuyyuru L.R.; Vatambeti R.                                               | Cyber threat detection in industry 4.0: Leveraging GloVe and self-attention mechanisms in BiLSTM for enhanced intrusion detection                         | Computers and Electrical Engineering          |
| 31 | SENSE | Koti Reddy G.N.; Kostrzewa M.; Sekhar A.V.; Purnachand N.; Ingram A.; Sessa Reddy A.S.; Raju G.N.; Kumar V.R.; Veeraiah N. | Probing free volume in ZnO–P2O5–SeO2: Au2O3 glass ceramics with positron annihilation lifetime spectroscopy                                               | Radiation Physics and Chemistry               |
| 32 | SENSE | Raut P.; Panda D.K.; Nanda U.; Hsu C.-C.                                                                                   | Simulation and modeling of high-sensitive JL-TFET based biosensor for label free detection of biomolecules                                                | Microsystem Technologies                      |

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| 33 | SAS   | Daniel D.J.; Prabhu S.M.; Devakumar B.; Nagirnyi V.; Kudryavtseva I.; Kim H.J.; Kim S.                                                      | A fluorozirconate compound TIZrF5 synthesised by a facile hydrothermal method and its characterization                                          | Ceramics International                                                                              |
| 34 | SAS   | Maruthupandy M.; Rajivgandhi G.; Muneeswaran T.; Vasantharaj S.; Sandoval-Hevia G.; Muneeswaran M.; Radzi N.A.B.M.                          | Cross-linked graphene with chitosan nanocomposites for efficient photocatalytic degradation of bromothymol blue, bromophenol blue dye molecules | International Journal of Biological Macromolecules                                                  |
| 35 | SENSE | Rahul J.; Sharma L.D.                                                                                                                       | Advancements in AI for cardiac arrhythmia detection: A comprehensive overview                                                                   | Computer Science Review                                                                             |
| 36 | SAS   | Babu A.; Rao N.M.                                                                                                                           | Insights into the effect of gadolinium doping on the structural, magnetic, and optical properties of $\beta$ -Ga2O3                             | Journal of Materials Science: Materials in Electronics                                              |
| 37 | SMEC  | Prem Kumar C.; Sivanagaraju N.; Loknath D.; Mallikarjun Rao G.N.; Vakkalagadda M.R.K.                                                       | Shape Memory Polymers, Blends, and Composites: Processing, Properties, and Applications                                                         | Polymer-Plastics Technology and Materials                                                           |
| 38 | SCOPE | Yenuga P.; Beeram S.N.R.; Parvathi S.S.L.; Reddy G.M.; Boppana V.; Davuluri S.; Ramesh R.; Srikanth M.; Rao B.V.P.; Munaganuri R.K.; Rao N. | Optimized Self-Attention Pyramidal Convolutional Neural Network for Intrusion Detection Framework in IoT                                        | Journal of Advances in Information Technology                                                       |
| 39 | SCOPE | Mohanty P.K.; Francis S.A.J.; Barik R.K.; Reddy K.H.K.; Roy D.S.; Saikia M.J.                                                               | IMPACT: an interactive multi-disease prevention and counterfactual treatment system using explainable AI and a multimodal LLM                   | PeerJ Computer Science                                                                              |
| 40 | SCOPE | Vejandla K.; Ragam P.; Valluri S.; Gunturu C.; Yaswanth K.N.G.B.; Bandari S.K.; Jyothi S.                                                   | Demonstration of a Novel SLM-Based PAPR Reduction Method for GFDM Using USRP Testbed                                                            | IEEE Access                                                                                         |
| 41 | SENSE | Paluri K.V.; Gupta A.; Nain G.                                                                                                              | DABNet: Hybrid Acne Classification Approach with Attention-Based Transfer Learning using Bayesian Optimization                                  | ESIC 2025 - 5th International Conference on Emerging Systems and Intelligent Computing, Proceedings |
| 42 | SCOPE | Patil A.; Khan T.; Mollah A.F.                                                                                                              | NetraAadhaar: A Deep Learning-Driven Aadhaar Verification Platform for the Aid of Visually Impaired                                             | IEEE Access                                                                                         |
| 43 | SENSE | Krishna T.V.; Dhuli R.                                                                                                                      | Developing In-Beam Images From Gadanki Ionospheric Radar Interferometer Data                                                                    | IEEE Access                                                                                         |

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| 44 | SCOPE | Gurram M.; Uttam P.K.; Ohol S.S.                                                                                              | Reinforcement Learning for Quadrupedal Locomotion: Current Advancements and Future Perspectives                                                      | 2025 9th International Conference on Mechanical Engineering and Robotics Research, ICMERR 2025                                  |
| 45 | SCOPE | Annepu V.; Sona D.R.; Al-Tamimi A.N.J.; Al-Shammaa M.; Challa N.R.; Mohammed M.N.; Hamadani A.A.L.; Abdullah O.I.; Nadheer A. | An Efficient Long Short-Term Memory Deep Learning Model Based Fake News Detection                                                                    | Studies in Systems, Decision and Control                                                                                        |
| 46 | SAS   | Gunturu R.B.; Racheeti P.B.; Mandapati U.; Tamminana R.; Rudraraju R.                                                         | Preparation of 2-(N-arylamino)benzothiazoles via intramolecular C-S cyclization approach                                                             | Synthetic Communications                                                                                                        |
| 47 | SAS   | Venkata K H.K.; Sannapaneni J.; Tamminana R.                                                                                  | Iodine Promoted Desulfurization of Isothiocyanate in Water: Synthesis of 5-Amino-1-Aryl/Alkyl Tetrazoles, Aryl/Alkyl Guanidines and their Conversion | Letters in Organic Chemistry                                                                                                    |
| 48 | SCOPE | Sathwik A.S.; Rao A.K.; Saiteja B.; Madhavi K.R.; Doppalapudi A.; Amudha P.                                                   | Navigating Challenges in Creating Effective Chatbots with Natural Language Processing                                                                | Lecture Notes in Networks and Systems                                                                                           |
| 49 | SCOPE | Chetana V.L.; Seetha H.                                                                                                       | A Deep Learning Framework for Enhancing Recommender Systems With Dual-Feedback Integration                                                           | Applied Computational Intelligence and Soft Computing                                                                           |
| 50 | SAS   | Karnavat K.; Vadodaria N.; Trivedi K.; Patel P.                                                                               | Optimization of Parameters of the OWC Wave Energy Converter Device Using a Machine Learning Approach                                                 | 2025 5th International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2025 |
| 51 | SCOPE | Mohan J.S.S.; Sathwik A.S.; Ganesh M.N.V.S.; Tejaswi M.H.; Naseeba B.; Madhavi K.R.                                           | Advancements in Handwritten Text Recognition and Correction: Bridging the Gap Between Analog and Digital Writing                                     | Lecture Notes in Networks and Systems                                                                                           |
| 52 | SCOPE | Annepu V.; Challa N.R.; Al-Tamimi A.N.J.; Al-Shammaa M.; Sona D.R.; Mohammed M.N.; Hamadani A.A.L.; Abdullah O.I.; Nadheer A. | An Efficient BiLSTM-CNN Based Enhanced Fake News Detection                                                                                           | Studies in Systems, Decision and Control                                                                                        |

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| 53 | SENSE | Bhardwaj A.; Dash D.; Anant A.; Bhanushali V.M.; Kushwah A.; Mishra I.; Shubham; Kumar Pandey C. | Comprehensive Analysis on Complementary FET                                                                                | IEEE Access                                                                                                        |
| 54 | SCOPE | Naseeba B.; Sivaji U.; Purushotham N.; Umamaheswari R.; Challa N.P.; Madhavi K.R.                | InsightBot: An Automated Text Summarization and Visualization Tool for Efficient Research Analysis                         | Lecture Notes in Networks and Systems                                                                              |
| 55 | SENSE | Nanda A.K.; Marukanti S.R.; Harish U.; Dheeraj B.V.; Adoni B.S.; Reddy C.R.; Nanda S.            | Evaluating Lightweight Asymmetric Cryptography for Secure Communication in Internet of Drones                              | 2025 4th International Conference on Power, Control and Computing Technologies, ICPC2T 2025                        |
| 56 | SENSE | Azad S.M.A.K.; Siraparapu S.R.                                                                   | Reinforcement Learning for Sustainable Combustion in Thermal Power Plant                                                   | 2025 IEEE 1st International Conference on Smart and Sustainable Developments in Electrical Engineering, SSDEE 2025 |
| 57 | SAS   | Parathanath A.J.; Manimaran A.                                                                   | Swish-Enhanced Hybrid Model for Alzheimer's Diagnosis Using VGG16 and ResNet50 on MRI Data                                 | 2025 International Conference on Ambient Intelligence in Health Care, ICAIHC 2025                                  |
| 58 | SCOPE | Devarakonda N.; Kamarajugadda R.; Anandarao S.                                                   | A Novel Channel Selection and Classification in Motor Imagery for Brain Computer Interface Using Meta Heuristic Algorithms | Smart Innovation, Systems and Technologies                                                                         |
| 59 | SENSE | Nayak C.; Butti B.V.                                                                             | Optimized Adaptive Technique For Denoising ECG                                                                             | 2025 4th International Conference on Power, Control and Computing Technologies, ICPC2T 2025                        |
| 60 | VSB   | Bhimavarapu A.; Gopal Krishna U.M.                                                               | Emotional Intelligence and Work-Life Balance on Productivity of the Gig – Employees                                        | Lecture Notes in Networks and Systems                                                                              |
| 61 | SCOPE | Ragam P.; Sai B.T.R.; Mekatotti A.P.; Ojasvi N.; Jahnavi A.; Danaveni P.                         | Machine Learning-Enabled Examination Feedback System                                                                       | 3rd IEEE International Conference on Industrial Electronics: Developments and Applications, ICIDeA 2025            |
| 62 | SCOPE | Dodda K.; Muneeswari G.                                                                          | An Integrated Deep Learning Model for Pancreatic Cancer Segmentation and Classification based on CT Images                 | ESIC 2025 - 5th International Conference on Emerging Systems and Intelligent Computing, Proceedings                |

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| 63 | SAS   | Meghana D.; Manimaran A.                                                         | RCS-YOLO: A Rapid and Precise Brain Tumor Detection Framework Utilizing the Adam Optimizer                                         | 2025 International Conference on Ambient Intelligence in Health Care, ICAIHC 2025                                  |
| 64 | SCOPE | Srinivasa Rao G.; Muneeswari G.                                                  | A Hybrid Approach to Cardiovascular Disease Detection: The Synergy of YOLOv9, CapsNet, and XGBoost                                 | Communications in Computer and Information Science                                                                 |
| 65 | SCOPE | Choppara P.; Mangalampalli S.S.                                                  | Adaptive Task Scheduling in Fog Computing Using Federated DQN and K-Means Clustering                                               | IEEE Access                                                                                                        |
| 66 | SCOPE | Ragam P.; Rahul N.S.; Balaji P.; Jyothi S.; Danaveni P.                          | An Intelligent Machine Learning Approach for Prediction of Road Accident Severity                                                  | 3rd IEEE International Conference on Industrial Electronics: Developments and Applications, ICIDeA 2025            |
| 67 | SCOPE | Patheda V.R.; Laxmisai G.; Gokulnath B.V.; Siddique Ibrahim S.P.; Selva Kumar S. | A Robust Hybrid CNN+ViT Framework for Breast Cancer Classification Using Mammogram Images                                          | IEEE Access                                                                                                        |
| 68 | SMEC  | Suranjan Salins S.; Kumar S.; Kota Reddy S.V.                                    | Optimizing crossflow humidifier - experimental insights towards sustainable innovations for societal benefit                       | International Journal of Sustainable Engineering                                                                   |
| 69 | SENSE | Krishnakumar K.; Gurrapu O.; Reshma P.; Krishnammal P.M.; Khan H.Q.; Amane N.    | Improving Medical Imaging Diagnostics with Deep Convolutional Networks for Early Detection and Treatment                           | Proceedings of 2025 International Conference on Computing for Sustainability and Intelligent Future, COMP-SIF 2025 |
| 70 | SCOPE | Rani Palakayala A.; Kuppusamy P.; Kothandaraman D.; Archana G.; Gera J.          | HAMF: A Novel Hierarchical Attention-Based Multi-Modal Fusion Model for Parkinson's Disease Classification and Severity Prediction | IEEE Access                                                                                                        |
| 71 | SAS   | Chaurasiya B.K.; Avadhesh Kumar                                                  | A novel approach for the stability analysis of a system of mnon linear fractional differential equations of arbitrary order        | Journal of Mathematics and Computer Science                                                                        |
| 72 | SENSE | Prasada Rao R.H.; Goswami A.D.                                                   | Cnidaria herd optimized fuzzy C-means clustering enabled deep learning model for lung nodule detection                             | Frontiers in Physiology                                                                                            |
| 73 | SMEC  | Vardhan V.S.S.H.; Sharma A.                                                      | Mechanical Properties and Tribological Behavior of Grain Refined WE43 Magnesium Alloy                                              | Archives of Metallurgy and Materials                                                                               |

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| 74 | SCOPE | Mande S.; Ramachandran N.                                                       | TWEMTCRM With B-Tree-Based Cluster Vehicles on the VLAM for Resource Sharing                                                                       | IEEE Access                                                |
| 75 | SENSE | Venkateswarlu G.; Nanda U.                                                      | Highly Efficient Perovskite Heterojunction Solar Cell With Dual Absorber Layers for State of Art Photovoltaic Technologies                         | IEEE Access                                                |
| 76 | SAS   | Sravanthi M.N.; Sudagar J.                                                      | Synthesis and Properties of Zirconium-Cerium Composite via Solid-State Route                                                                       | Science of Sintering                                       |
| 77 | SENSE | Sar A.; Sati S.; Choudhury T.; Joshi P.; Sille R.; Srihari K.; Bansal K.        | A Unified Neural Framework for Real-Time Deepfake Detection Across Multimedia Modalities to Combat Misleading Content                              | IEEE Access                                                |
| 78 | SCOPE | Subhani Shaik Ch M.M.; Rao Y.N.                                                 | Design of an Iterative Method Leveraging Deep Q-Networks for Intrusion Detection System Operations                                                 | IEEE Access                                                |
| 79 | SAS   | Katuri S.; Maroju P.                                                            | AN EFFICIENT HIGHER ORDER NUMERICAL ALGORITHM FOR SOLVING REAL LIFE APPLICATION PROBLEMS IN AN UNCERTAIN ENVIRONMENT USING TRIANGULAR FUZZY NUMBER | Journal of Applied Mathematics and Computational Mechanics |
| 80 | SAS   | Rajani K.; Swamy P.N.; Bandaru R.K.; Rezaei A.; Alali A.S.                      | On Rough Near Algebras                                                                                                                             | Palestine Journal of Mathematics                           |
| 81 | SENSE | Chakroborty D.; Singha S.; Mondal B.; Lata A.; Sarkar R.                        | Design and Development of IoT-Based Wireless Volumetric Flow Transmitter With Hemispheric Type Cup System                                          | IEEE Transactions on Instrumentation and Measurement       |
| 82 | SCOPE | Dhamercherla S.; Reddy Edla D.; Dara S.                                         | Cancer classification in high dimensional microarray gene expressions by feature selection using eagle prey optimization                           | Frontiers in Genetics                                      |
| 83 | SAS   | Suganya S.; Parthiban V.; Kavikumar R.; Kwon O.-M.                              | Transmission dynamics and stability of fractional order derivative model for COVID-19 epidemic with optimal control analysis                       | Electronic Research Archive                                |
| 84 | SCOPE | Glan Devadhas G.; Muthulakshmi S.; Jameer Basha S.K.; Selvi V.; Sadhik Basha J. | Future Directions for IoT and AI-Based Zero Liquid Discharge (ZLD) Systems in Industrial Applications                                              | Springer Water                                             |

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| 85 | SENSE | Zeraatkar M.A.; Joloudari J.H.; Rajesh K.N.V.P.S.; Gaftandzhieva S.; Hussain S. | Optical-Flow Based Symmetric Feature Extraction for Facial Expression Recognition                          | Information Technology and Control                                                               |
| 86 | SAS   | Ashok A.; Nagamani N.                                                           | ENHANCING LINDLEY DISTRIBUTION PARAMETER ESTIMATION WITH HYBRID BAYESIAN AVERAGE MODEL FOR FUZZY DATA      | Reliability: Theory and Applications                                                             |
| 87 | SCOPE | Mandava M.; Vinta S.R.                                                          | Enhancing multiple document summarisation with DNETCNN and BCHOA techniques                                | International Journal of Business Intelligence and Data Mining                                   |
| 88 | SENSE | Goswami A.D.; Hole S.R.                                                         | Design of an Efficient Model for DC–DC Converter Topologies and Grid Integration in Electric Vehicles      | Lecture Notes in Electrical Engineering                                                          |
| 89 | SCOPE | Rajeev C.; Natarajan K.                                                         | Coronary artery disease classification using ConvMixer based classifier from CT angiography images         | PeerJ Computer Science                                                                           |
| 90 | SENSE | Misra N.K.; Pathak N.; Bhoi B.K.; Ahmadpour S.-S.; Kassa S.R.; Navimipour N.J.  | NANOTECHNOLOGY QCA-BASED SUB-COMPONENTS OF PROCESSOR DESIGN AND APPLICATION OF FUTURISTIC LOW-POWER DESIGN | Facta Universitatis, Series: Electronics and Energetics                                          |
| 91 | SCOPE | Vidyalakshmi G.; Gopikrishnan S.; Boulila W.; Koubaa A.; Srivastava G.          | Digital Twins and Cyber-Physical Systems: A New Frontier in Computer Modeling                              | CMES - Computer Modeling in Engineering and Sciences                                             |
| 92 | SENSE | Roy B.; Hemalatha T.; Bhattacharya A.; Yuan Q.                                  | A PENTAGONAL PATCH ANTENNA WITH DEFECTED GROUND STRUCTURE FOR IMPROVED OVERALL RADIO PERFORMANCE           | Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) |