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1	K Spandana, Suresh Pabboju. IoT Enabled Smart Agriculture using Digital Dashboard. Indian Journal of Science and Technology.2023.16 (1):pp.1-11. DOI: 10.17485/IJST/v16i1.1680	URL
2	K Venkateswara Rao. Spatiotemporal Database Schema for Data Driven Applications in Smart Agriculture. Indian Journal of Science and Technology.2023.16 (1):pp.12-22. DOI: 10.17485/IJST/v16i1.1687	URL
3	P Arul, S Renuka. Preserving the Privacy of the Healthcare, Clinical and Personal Data using Blockchain. Indian Journal of Science and Technology.2023.16 (1):pp.23-31. DOI: 10.17485/IJST/v16i1.1842	URL
4	G Priscilla Pacifica, K Christy Rani, S Sethu Ramalingam. Connected Restrained Detour Number of a Graph. Indian Journal of Science and Technology.2023.16 (1):pp.32-36. DOI: 10.17485/IJST/v16i1.1875	URL
5	Trilochan Patra, Swarup Kumar Mitra. Application of a Trellis Coded Modulation to Ameliorate the 5G Communication for Tropical Regions. Indian Journal of Science and Technology.2023.16 (1):pp.37-46. DOI: 10.17485/IJST/v16i1.2079	URL
6	Lalitkumar S Narsingani, Vishalkumar V Patel, Jigna Panchal. Analyze the Flow Behavior for MHD Power-Law Fluids. Indian Journal of Science and Technology.2023.16 (1):pp.47-55. DOI: 10.17485/IJST/v16i1.1383	URL
7	Selin Vironicka, J G R Sathiaseelan. Classification of Long-Bone Fractures Using Modified Faster RCNN for X-Ray Images. Indian Journal of Science and Technology.2023.16 (1):pp.56-65. DOI: 10.17485/IJST/v16i1.1690	URL
8	Treesa Varghese, Saleena Mathew. Evaluation of the Biochemical and Functional Characteristic of Stinging catfish, Heteropneustes fossilis Muscle Tissue with Emphasize on Myofibrillar Protein and Collagen. Indian Journal of Science and Technology.2023.16 (1):pp.66-76. DOI: 10.17485/IJST/v16i1.1630	URL
9	Yumnam Sarita Devi, V Gobinath, Ngangom Gunindro, Paonam Shyamashakhi Devi, Nameirakpam Meena. Prescribing Pattern of Levetiracetam in Epilepsy Patients: A Cross-Sectional Study in a Tertiary Care Centre in Manipur. Indian Journal of Science and Technology.2023.16 (2):pp.77-81. DOI: 10.17485/IJST/v16i2.2204	URL
10	S Rajaguru, T Kalidasan, G Tamilselvi. Constraints Faced by the Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) Beneficiaries in Adoption of Drip Irrigation System in Tamil Nadu. Indian Journal of Science and Technology.2023.16 (2):pp.82-88. DOI: 10.17485/IJST/v16i2.2328	URL
11	Krishnarjun Bora, Manash Pratim Barman, Arnab N Patowary, Toralima Bora. Classification of Assamese Folk Songs' Melody using Supervised Learning Techniques. Indian Journal of Science and Technology.2023.16 (2):pp.89-96. DOI: 10.17485/IJST/v16i2.1686	URL

12	C Silpa, A Vani, K Rama Naidu. Deep Learning Based Channel Estimation for MIMO-OFDM System with Modified ResNet Model. Indian Journal of Science and Technology.2023.16 (2):pp.97-108. DOI: 10.17485/IJST/v16i2.2154	URL
13	Prashant J Patil, Ashish Jayasing Patil. Whole Field Analysis of Asymmetric Helical Gear Using Photo Stress Method and FEA Method. Indian Journal of Science and Technology.2023.16 (2):pp.109-117. DOI: 10.17485/IJST/v16i2.1817	URL
14	Djibril Diedhiou, Mamadou Faye, Laure Candy, Virginie Vandebossche, Christine Raynaud, Oumar Sock, Luc Rigal. Chemical Composition of the Essential Oil of Neem (Azadirachta indica A. Juss.) Seeds Harvested in Senegal. Indian Journal of Science and Technology.2023.16 (2):pp.118-122. DOI: 10.17485/IJST/v16i2.1650	URL
15	Abdulaziz I Almuaybid, Abdulrazak Abdulghafour, Ehab A Mlybari. Cost Optimization of Solid Slabs using the Iteration Method. Indian Journal of Science and Technology.2023.16 (2):pp.123-132. DOI: 10.17485/IJST/v16i2.1905	URL
16	V Rojasree, J Gnana Jayanthi. Design and Implementation of Intelligent Key Cryptography using Time and Tamil Unicode. Indian Journal of Science and Technology.2023.16 (2):pp.133-145. DOI: 10.17485/IJST/v16i2.1917	URL
17	Shikha Singh, Vandana Esht, Astha Agarwal, Jasmine Anandabai. Reliability Assessment of Sensory Outcome Measure a New Developed Tool for Children with Cerebral Palsy. Indian Journal of Science and Technology.2023.16 (3):pp.146-154. DOI: 10.17485/IJST/v16i3.1948	URL
18	S R Siddanna, Y C Kiran. Two Stage Multi Modal Deep Learning Kannada Character Recognition Model Adaptive to Discriminative Patterns of Kannada Characters. Indian Journal of Science and Technology.2023.16 (3):pp.155-166. DOI: 10.17485/IJST/v16i3.1904	URL
19	Sabiha Naz, Shailendra Gupta, Tanushree Chatterjee. Laccase Production Under Optimized Parameters by Aspergillus oryzae, an Endophytic Fungus and their Application to Waste Water Treatment. Indian Journal of Science and Technology.2023.16 (3):pp.167-180. DOI: 10.17485/IJST/v16i3.1666	URL
20	R Sherine Jenny, N Sugirtham. SDN-Based Security for Smart Devices Against Denial of Service Attacks. Indian Journal of Science and Technology.2023.16 (3):pp.181-189. DOI: 10.17485/IJST/v16i3.1960	URL
21	Vishakha Vishwanath Doke, Nilesh M Khutle, Maya Sharma, Khemchand Gupta. Self-Solidifying and Self-Nanoemulsifying Drug Delivery System of Itraconazole. Indian Journal of Science and Technology.2023.16 (3):pp.190-203. DOI: 10.17485/IJST/v16i3.1940	URL
22	Aditya Nellutla, N Srinivasan. A Scalable High Utilization Itemset Mining Technique for Large Datasets Using A Bit-Based Model. Indian Journal of Science and Technology.2023.16 (3):pp.204-213. DOI: 10.17485/IJST/v16i3.1972	URL
23	Glenn B Latanga. Mathematical and Reading Comprehension Skills: Their Influence on Social Relations Among College Students. Indian Journal of Science and Technology.2023.16 (3):pp.214-222. DOI: 10.17485/IJST/v16i3.1776	URL
24	Maria Daya Roopa, Nimitha John. Bayesian Design Study of the TGN1412 Trial. Indian Journal of Science and Technology.2023.16 (3):pp.223-229. DOI: 10.17485/IJST/v16i3.1554	URL

25	Basavaraj Gurav, G B Devidas, Ashok Dinkar, Shrikant Biradar, R Rajaramakrishna. Photoluminescence Interaction of Alkali Fluoride Over Alkali Oxide in Nd ³⁺ Doped Glasses for NIR Applications. Indian Journal of Science and Technology.2023.16 (3):pp.230-238. DOI: 10.17485/IJST/v16i3.2367	URL
26	Binu Sukumar, G Abirami, Hari Priya, Mozafar Hamid. A Comparative Study on the Design of Pre-Engineered Building with Indian and American Codes. Indian Journal of Science and Technology.2023.16 (4):pp.239-248. DOI: 10.17485/IJST/v16i4.1980	URL
27	Chiranjilal Kujur. Proper d-Lucky Number for Certain Rooted Product Graphs. Indian Journal of Science and Technology.2023.16 (4):pp.249-253. DOI: 10.17485/IJST/v16i4.2146	URL
28	Ioana Stanciu. Some Methods for Determining the Viscosity Index of Hydraulic Oil. Indian Journal of Science and Technology.2023.16 (4):pp.254-258. DOI: 10.17485/IJST/v16i4.1461	URL
29	B P Ushamohan, Yamini Keshavaprasad Belur, Aravind Kumar Rajasekaran, Judu Ilavarasu, T M Srinivasan. A Framework of Measurable Features of Bhramari Pranayama Leading to Meditation. Indian Journal of Science and Technology.2023.16 (4):pp.259-265. DOI: 10.17485/IJST/v16i4.752	URL
30	Sunil S Harakannanavar, C Sapnakumari, A C Ramachandra, R Pramodhini, C R Prashanth. Performance Evaluation of Fusion Based Efficient Algorithm for Facial Expression Recognition. Indian Journal of Science and Technology.2023.16 (4):pp.266-276. DOI: 10.17485/IJST/v16i4.1891	URL
31	Shraddha Shetti, Snehal Jagtap, Someshwar Golgire, Sangamesh Fulari, Kishor Chougule, Unnati Parekh. Evaluation of Upper and Lower Pharyngeal Airway and Hyoid Bone Position in Skeletal Class II Patients Treated with Forsus and Powerscope Appliance: A Prospective Study. Indian Journal of Science and Technology.2023.16 (4):pp.277-281. DOI: 10.17485/IJST/v16i4.2151	URL
32	Savitha Murthy, Dinkar Sitaram. Low Resource Kannada Speech Recognition using Lattice Rescoring and Speech Synthesis. Indian Journal of Science and Technology.2023.16 (4):pp.282-291. DOI: 10.17485/IJST/v16i4.2371	URL
33	Ekta Narwal, Ritu , Niram, Deepika. ERN Cryptosystem for the Security of Textual Data based on Modified Classical Encryption Techniques. Indian Journal of Science and Technology.2023.16 (4):pp.292-298. DOI: 10.17485/IJST/v16i4.2009	URL
34	Yasir Jari, Abdulrazak Abdulghafour. Investigation of Impact of Span Length and Variable Live Loading Conditions on Flat Slab Material Costs. Indian Journal of Science and Technology.2023.16 (4):pp.299-308. DOI: 10.17485/IJST/v16i4.2095	URL
35	Alfred Vivek D'Souza, D J Ravi. Comparative Analysis of Kannada Formant Synthesized Utterances and their Quality. Indian Journal of Science and Technology.2023.16 (5):pp.309-317. DOI: 10.17485/IJST/v16i5.2091	URL
36	T R Arunkumar, H S Jayanna. A Machine Learning Approach for the Estimation of Severity of Psoriasis Disorder Using Depth-Wise Convolution Neural Network. Indian Journal of Science and Technology.2023.16 (5):pp.318-330. DOI: 10.17485/IJST/v16i5.1723	URL
37	Sonali Bhutad, Kailas Patil, Nishad Khare. Differentiating Stagnant Water from Wet Surface for Detecting Potential Mosquito Breeding Sites in Real Time. Indian Journal of Science and Technology.2023.16 (5):pp.331-338. DOI: 10.17485/IJST/v16i5.2111	URL

38	John Vaseekaran, N Srinivasan. A Repartitioning Temporary Customized Model for Interest-Point Recommendations with Hyperlink-Induced Topic Search. Indian Journal of Science and Technology.2023.16 (5):pp.339-347. DOI: 10.17485/IJST/v16i5.1996	URL
39	Nesrine Zaouadi, Sarra Bensehaila, Fadhila Sadi, Zoheir Amrouche, Amel Hadj Ziane Zafour, Sid Ahmed Zaouadi. Optimization of Roasting Temperature and Duration for the Preparation of a Coffee-Like Lupin Sheath Beverage using Response Surface Methodology. Indian Journal of Science and Technology.2023.16 (5):pp.348-356. DOI: 10.17485/IJST/v16i5.1943	URL
40	D R Somwanshi, Vikas T Humbe. Half-Tone Visual Cryptography Scheme For RGB Color Images. Indian Journal of Science and Technology.2023.16 (5):pp.357-366. DOI: 10.17485/IJST/v16i5.2038	URL
41	Sandeep Dongre, Sunil Kumar, S Suresh, J Sannappa. Estimation of Inhalation and Ingestion Dose Due to Radon Concentration in Drinking Water Samples of Shankaraghatta Forest Environment, Karnataka, India. Indian Journal of Science and Technology.2023.16 (5):pp.367-376. DOI: 10.17485/IJST/v16i5.2321	URL
42	B P Ushamohan, Aravind Kumar Rajasekaran, Yamini Keshavaprasad Belur, Judu Ilavarasu, T M Srinivasan. Nitric Oxide, Humming and Bhramari Pranayama. Indian Journal of Science and Technology.2023.16 (5):pp.377-384. DOI: 10.17485/IJST/v16i5.1212	URL
43	M B Kavyashree, Sridevi Kulenur. Psychological Climate and Employee Engagement at Workplace. Indian Journal of Science and Technology.2023.16 (6):pp.385-390. DOI: 10.17485/IJST/v16i6.144	URL
44	J Vishwesh, P Raviraj. Improved Differential Evolution with Stacked Auto Encoder for EEG Motor Imagery Classification. Indian Journal of Science and Technology.2023.16 (6):pp.391-400. DOI: 10.17485/IJST/v16i6.2076	URL
45	Neel Suratwala, Mahesh Kulkarni. Inlet on Transmission Loss of Single Expansion Chamber Reactive Muffler with Extended Inlet. Indian Journal of Science and Technology.2023.16 (6):pp.401-408. DOI: 10.17485/IJST/v16i6.2123	URL
46	K Ramesh, S Ramanathan, B Vinod. Investigation and Synthesis of Biowaste Composite by Squeeze Casting Process: Microstructure Evolution for Biomedical Applications. Indian Journal of Science and Technology.2023.16 (6):pp.409-419. DOI: 10.17485/IJST/v16i6.2137	URL
47	Md Aftab Alam, S V A V Prasad, Mohammed Asim. Analysis and Design of H5 Topology in Grid-Connected Single-Phase Transformerless Photovoltaic Inverter System. Indian Journal of Science and Technology.2023.16 (6):pp.420-426. DOI: 10.17485/IJST/v16i6.2191	URL
48	Roshan Shetty, S N Prasad, D V Manjunatha, V Veerapraphap, Vasudev Shahapur, M S Shwetha. Intermediate Learning-Based Attention Regulated Densenet for Diagnosis of Covid-19. Indian Journal of Science and Technology.2023.16 (6):pp.427-434. DOI: 10.17485/IJST/v16i6.1001	URL
49	Basavaraj Gurav, G B Devidas, Ashok Dinkar, Shrikant Biradar. Neodymium Doped Borate Glasses for NIR Emitting Solid State Device Applications. Indian Journal of Science and Technology.2023.16 (6):pp.435-441. DOI: 10.17485/IJST/v16i6.2295	URL
50	Tejus Sangameshwara, P Nagesh, Sindu Bharath, T S Nanjundeshwaraswamy. Mediating Role of Customer Relationship Management between Buying Behavior and Critical Risk Factors via Digital Buying. Indian Journal of Science and Technology.2023.16 (6):pp.442-448. DOI: 10.17485/IJST/v16i6.54	URL
51	Hilda Syafitri Darwis, Lita Nasution, Mifta Elfahmi, Kushariyanto. Growth Response of Oil Palm Plant Seeds after Application of Vesicular Arbuscular Mycorrhiza (VAM) Fungus. Indian Journal of Science and Technology.2023.16 (7):pp.449-459. DOI: 10.17485/IJST/v16i7.1190	URL

52	Rayeesa Mehmood, Rumaan Bashir, Kaiser J Giri. Deep Generative Models: A Review. Indian Journal of Science and Technology.2023.16 (7):pp.460-467. DOI: 10.17485/IJST/v16i7.2296	URL
53	Kamna Solanki, Sandeep Dalal. Analysis of Research Trends Towards Types of Code Clone Detection Techniques. Indian Journal of Science and Technology.2023.16 (7):pp.468-475. DOI: 10.17485/IJST/v16i7.2219	URL
54	N Pavithra, Y H Sharath Kumar. A Computational Meta-Learning Inspired Model for Sketch-based Video Retrieval. Indian Journal of Science and Technology.2023.16 (7):pp.476-484. DOI: 10.17485/IJST/v16i7.2121	URL
55	A Arulprakash, M Synthiya, T Vijila, C Rajabhusanam. Tamil Speech Synthesizer App for Android: Text Processing Module Enhancement. Indian Journal of Science and Technology.2023.16 (7):pp.485-491. DOI: 10.17485/IJST/v16i7.2165	URL
56	Sudhakar Chekuri, B N Bhandari. Cluster Based Energy Efficient Routing Protocol using SA-LEACH to Wireless Sensor Networks. Indian Journal of Science and Technology.2023.16 (7):pp.492-500. DOI: 10.17485/IJST/v16i7.425	URL
57	Sankaradoss Elavarasi, Balasubramanian Ramesh, Karuppannan Sathiyamurthy. Prevalence and Antimicrobial Resistance Pattern of Listeria Monocytogenes in Ready to Eat Foods in Tamil Nadu, India. Indian Journal of Science and Technology.2023.16 (7):pp.501-508. DOI: 10.17485/IJST/v16i7.1979	URL
58	C Priscilla, Sreejith Parameswaran, N Srinivas, Rajesh Nachiappa Ganesh. Assessment of Cytokines as Potential Biomarkers to Predict Allograft Rejection in Kidney Transplant Recipients. Indian Journal of Science and Technology.2023.16 (7):pp.509-515. DOI: 10.17485/IJST/v16i7.2302	URL
59	S N Abhishek, A R Pradeep, C Rangaraj. Assessment of Groundwater Quality for Pre- and Post-Monsoon Variations in Molakalmur Taluk, Chitradurga District, Karnataka, India. Indian Journal of Science and Technology.2023.16 (7):pp.516-530. DOI: 10.17485/IJST/v16i7.2448	URL
60	Chinmoy Bharadwaj, Utpal Barman, Sajal Saha. Analysis of Latency and Bandwidth for Edge-Based Short Length in Edge Computing Devices for Short Ranges and Long Ranges. Indian Journal of Science and Technology.2023.16 (8):pp.531-539. DOI: 10.17485/IJST/v16i8.2051	URL
61	John A Yakubu, I Dimeze Amuche, A Emmanuel Igwe, Abubakar Shuaibu, A Ngozi Okwesili. Investigation of Curie Point Depth Using High Resolution Aeromagnetic of Igumale and Ejekwe Area, Lower Benue Trough Nigeria. Indian Journal of Science and Technology.2023.16 (8):pp.540-546. DOI: 10.17485/IJST/v16i8.27	URL
62	S Karthikeyan, T Kathirvalavakumar. Genetic Algorithm Based Over-Sampling with DNN in Classifying the Imbalanced Data Distribution Problem. Indian Journal of Science and Technology.2023.16 (8):pp.547-556. DOI: 10.17485/IJST/v16i8.863	URL
63	A P Anjana, S Lasitha. Seismotectonics of Andaman-Sumatra Region: Seismic Quiescence and B Value as Possible Precursors. Indian Journal of Science and Technology.2023.16 (8):pp.557-569. DOI: 10.17485/IJST/v16i8.2310	URL
64	Unmesh Mandal, Anirban Chakarborty, Phulen Mahato, Goutam Das. LinVec: A Stacked Ensemble Machine Learning Architecture for Analysis and Forecasting of Time-Series Data. Indian Journal of Science and Technology.2023.16 (8):pp.570-582. DOI: 10.17485/IJST/v16i8.2197	URL

65	K K Soman, P Srinivasan, Aswathi Prasad, Vishnu Achutha Menon. Teaching Through Digital Media: Acceptance and use of Technology Among the High School Teachers for Inclusive Education in Kerala During the Covid-19 Pandemic. Indian Journal of Science and Technology.2023.16 (8):pp.583-589. DOI: 10.17485/IJST/v16i8.2007	URL
66	V Priyadarshini, M Shuaib Ahmed, R Sathya, D Koteeswari, S Ragothaman. Direct Test Effect of Disruptive Technology Acceptance Model (DTAM) on Massive Online Open Courses (MOOCS) Learners' Satisfaction. Indian Journal of Science and Technology.2023.16 (8):pp.590-597. DOI: 10.17485/IJST/v16i8.1446	URL
67	G B Devidas, Ashok Dinkar, Shrikant Biradar. Effect of Gamma Irradiation on Dielectric and AC Conductivity Studies of Bismuth Borate Glasses Doped with V2O5. Indian Journal of Science and Technology.2023.16 (8):pp.598-604. DOI: 10.17485/IJST/v16i8.2305	URL
68	S Nirmala, R Siva. Green Synthesis of Silver Nanoparticles from Macrocybe gigantea and its Effect Against Food Borne Pathogens. Indian Journal of Science and Technology.2023.16 (9):pp.605-613. DOI: 10.17485/IJST/v16i9.2288	URL
69	E Sujatha, R Radha. New Education Policy 2020: A Sentiment Classification. Indian Journal of Science and Technology.2023.16 (9):pp.614-621. DOI: 10.17485/IJST/v16i9.1164	URL
70	Onika Bevny, G Kumar, A V Raja. Mathematical Modeling to Assess the Impact of Covid-19 Transmission in Guyana, South America. Indian Journal of Science and Technology.2023.16 (9):pp.622-631. DOI: 10.17485/IJST/v16i9.1889	URL
71	Alka Gautam, Vikram Singh, Alok Sagar Gautam, Penki Ramesh Kumar, Pushpendra Singh Soni, Rolly Singh, Surendra Pratap Singh. Lightning Development over the Distinct Climate Regions of Uttarakhand, India. Indian Journal of Science and Technology.2023.16 (9):pp.632-639. DOI: 10.17485/IJST/v16i9.1886	URL
72	Salunkhe Madhav Jagannath, Rajendra B Mohite, Mukesh Kumar Gupta, Onkar S Lamba. Implementation of Machine Learning and Deep Learning for Securing the Devices in IOT Systems. Indian Journal of Science and Technology.2023.16 (9):pp.640-647. DOI: 10.17485/IJST/v16i9.99	URL
73	P Sumathi, J Suresh Kumar. Fuzzy Quotient -3 Cordial Labeling on Generalized Petersen Graph. Indian Journal of Science and Technology.2023.16 (9):pp.648-659. DOI: 10.17485/IJST/v16i9.1720	URL
74	Swati Singh, Dayal Pyari Srivastava, C Patvardhan. Quantum Tant-Fant. Indian Journal of Science and Technology.2023.16 (9):pp.660-667. DOI: 10.17485/IJST/v16i9.2065	URL
75	Chiranjilal Kujur. Proper d-Lucky Labeling of Corona Products of Certain Graphs. Indian Journal of Science and Technology.2023.16 (9):pp.668-673. DOI: 10.17485/IJST/v16i9.1910	URL
76	D Chandravathi, S B Padal, J Prakasa Rao. Influence of Various Operating Characteristics on the Biodiesel Preparation from Raw Mesua ferrea oil. Indian Journal of Science and Technology.2023.16 (10):pp.674-679. DOI: 10.17485/IJST/v16i10.136	URL
77	Irshad Ahmad Thukroo, Rumaan Bashir, J Kaiser Giri. Improved Support Vector-Recurrent Neural Network with Optimal Feature Selection-based Spoken Language Identification System. Indian Journal of Science and Technology.2023.16 (10):pp.680-697. DOI: 10.17485/IJST/v16i10.2119	URL

78	Mamatha Madhugiri Gopinath, Sumreen Sultana, Shital Manohar Puneekar, M B Nivedika, Ravikiran Tekupalli. Green synthesis of Ceriumoxide Nanoparticles using Bacopa monnieri Leaf Extract - In vitro Antioxidant Activity. Indian Journal of Science and Technology.2023.16 (10):pp.698-706. DOI: 10.17485/IJST/v16i10.2291	URL
79	D Antony Xavier, Theertha Nair A, Eddith Sarah Varghese, Annmaria Baby. On Entropy Measures of Thiophene Dendrimers Using Degree Based Structural Descriptors. Indian Journal of Science and Technology.2023.16 (10):pp.707-716. DOI: 10.17485/IJST/v16i10.2179	URL
80	Prashant Kumar, Edapalapati Sai Dhanush Guptha, M Mourya Kishore Raju, V Sri Pranav. Evolution of Periodic Orbits in the Sun-Jupiter and Sun-Earth Systems. Indian Journal of Science and Technology.2023.16 (10):pp.717-726. DOI: 10.17485/IJST/v16i10.945	URL
81	Aishwarya Sudheer Vadukkumchery, Kranti Kumar Myneni. Assessment of Impact of Mechanization in Construction Projects in India. Indian Journal of Science and Technology.2023.16 (10):pp.727-743. DOI: 10.17485/IJST/v16i10.1467	URL
82	P Usha, M P Anuradha. Feature Selection Techniques in Learning Algorithms to Predict Truthful Data. Indian Journal of Science and Technology.2023.16 (10):pp.744-755. DOI: 10.17485/IJST/v16i10.2102	URL
83	Thangavelu Magesh, Isabella Annie, Srinivasan Sambath, Ganesan Devi, Thangavelu Raja. Impact of an Unsymmetrical Fault on the Controller of the DFIG Wind Farm. Indian Journal of Science and Technology.2023.16 (10):pp.756-763. DOI: 10.17485/IJST/v16i10.2375	URL
84	Rayees Ahmad, Yasmin Shaikh, Sanjay Tanwani. Aspect Based Sentiment Analysis and Opinion Mining on Twitter Data Set Using Linguistic Rules. Indian Journal of Science and Technology.2023.16 (10):pp.764-774. DOI: 10.17485/IJST/v16i10.2138	URL
85	Sujata Yadav, Geetika Wag, Ashwini Kumar Gupta. Endophytic Streptomyces rochei BpR-2 GER (ON142045) from Bryophyllum pinnatum (Lam.) Oken with Antimicrobial and Antibiofilm Potential. Indian Journal of Science and Technology.2023.16 (11):pp.775-784. DOI: 10.17485/IJST/v16i11.1458	URL
86	K C Shilpa, S Chetan, H D Anand. Performance Analysis by Improving Energy Efficiency in IoT Based Wireless Sensor Network for Routing Algorithm. Indian Journal of Science and Technology.2023.16 (11):pp.785-794. DOI: 10.17485/IJST/v16i11.2388	URL
87	R Jamuna Rani, Pushpamala Ramaiah, Akila Muthukrishnan, Badria A Elfaki, Ibtesam Nomani, Lathamangeswari Chinnasamy, Hamdia Mohammed Khamis, Hayam I Asfour, E Esraa Ahmed, M Grace Lindsay, E Hassanat Mustafa. Undergraduate Nursing Students' Knowledge and Attitude: Care of Patients Of Mechanical Ventilators. Indian Journal of Science and Technology.2023.16 (11):pp.795-802. DOI: 10.17485/IJST/v16i11.599	URL
88	S Anbalagan, M Ravishankar, S Sivakumar, M Sivakumar, E Krishna. Synthesis, Characterization and Corrosion Inhibition study of N-(4-((4-(pyridin-2-yl) piperazin-1-yl) methyl) phenyl) quinoline-6-carboxamide on Mild Steel under HCl Solution. Indian Journal of Science and Technology.2023.16 (11):pp.803-815. DOI: 10.17485/IJST/v16i11.2364	URL
89	Dipti Joshi, Jyoti Pareek, Pushkar Ambatkar. Comparative Study of Mfcc and Mel Spectrogram for Raga Classification Using CNN. Indian Journal of Science and Technology.2023.16 (11):pp.816-822. DOI: 10.17485/IJST/v16i11.1809	URL
90	Rosemary Thomas, Sarath S Nair, Krishna Sharan, Jyothi Nagesh, Sumeer Hussain. A Dosimetric Study on the Impact of Collimator Angles in Nasopharynx Carcinoma using VMAT Planning. Indian Journal of Science and Technology.2023.16 (11):pp.823-828. DOI: 10.17485/IJST/v16i11.1945	URL

91	S Uma, S Sridhar, S Sumathi. Nowcasting of Weather Parameters Impacting Solar PV Output Using Grey System Model. Indian Journal of Science and Technology.2023.16 (11):pp.829-838. DOI: 10.17485/IJST/v16i11.2017	URL
92	Y Yassmen Abdelall. New Odoma Distribution with Application to Cancer Data. Indian Journal of Science and Technology.2023.16 (11):pp.839-849. DOI: 10.17485/IJST/v16i11.2389	URL
93	Neelkanth Dhone. Performance Mapping of Mixed GSCM Architectures by using Holistic GTFs-PI-Degree of Similarity Approach. Indian Journal of Science and Technology.2023.16 (11):pp.850-861. DOI: 10.17485/IJST/v16i11.234	URL
94	S P Singh, Jagjivan Ram, Yogendra Kumar, Amar Kumar, Alok Sagar Gautam. A New Formulation of Generalized Equation of State (GEOS) based on Finite Strain Theory and Comparison with other Equations of State (EOSs). Indian Journal of Science and Technology.2023.16 (12):pp.862-871. DOI: 10.17485/IJST/v16i12.2507	URL
95	K Kalaiarasi, V Manimozhi. Negative Valued Ideals of Fuzzy KM-Subalgebras. Indian Journal of Science and Technology.2023.16 (12):pp.872-883. DOI: 10.17485/IJST/v16i12.1093	URL
96	Neelkanth Dhone. Performance Mapping of a Firm under Green Supply Chain Architectures-Integrated Operations. Indian Journal of Science and Technology.2023.16 (12):pp.884-893. DOI: 10.17485/IJST/v16i12.276	URL
97	Ketan A Salunke, Abhaykumar S Woyal. Morphometric Analysis of Panjhara River Basin With Use of GIS for Development of Watershed Plan. Indian Journal of Science and Technology.2023.16 (12):pp.894-902. DOI: 10.17485/IJST/v16i12.2202	URL
98	Joram T. Minguito. Catch and Trade of Sea Cucumbers in Getafe, Bohol, Philippines. Indian Journal of Science and Technology.2023.16 (12):pp.903-909. DOI: 10.17485/IJST/v16i12.1618	URL
99	K Mohammed Murthuza, N Surumbarkuzhali, C Lakshmi Narasimhan, R Ravisankar. Using Magnetic Susceptibility to Assess Soil Pollution in the Tiruvannamalai District, Tamil Nadu with Statistical Approach. Indian Journal of Science and Technology.2023.16 (12):pp.910-923. DOI: 10.17485/IJST/v16i12.2326	URL
100	Irum Naz Sodhar, Suriani Sulaiman, Abdul Hafeez Buller. Exploration of Sindhi Corpus Through Statistical Analysis on the Basis of Reality. Indian Journal of Science and Technology.2023.16 (12):pp.924-931. DOI: 10.17485/IJST/v16i12.236	URL
101	Nikita Prajapati, Shalini Chaturvedi. Preparation, Structures and Antimicrobial Activity of Ni(II) Complexes on the Base of Enrofloxacin with Dicumarol Derivative. Indian Journal of Science and Technology.2023.16 (12):pp.931-940. DOI: 10.17485/IJST/v16i12.2445	URL
102	Jugal Kishore, Vipin Verma. Some Identities on Sums of Finite Products of the Pell, Fibonacci, and Chebyshev Polynomials. Indian Journal of Science and Technology.2023.16 (12):pp.941-955. DOI: 10.17485/IJST/v16i12.2213	URL
103	Husain H Dawoodi, Manoj P Patil. Rainfall Prediction for North Maharashtra, India Using Advanced Machine Learning Models. Indian Journal of Science and Technology.2023.16 (13):pp.956-966. DOI: 10.17485/IJST/v16i13.2235	URL
104	R Vasuki, G Angeline Prasanna. A Novel Image Compression Algorithm Based on Autoencoder for Biometric Template Protection Scheme. Indian Journal of Science and Technology.2023.16 (13):pp.967-977. DOI: 10.17485/IJST/v16i13.2493	URL

105	K Priya. Sub-Watershed Prioritization of Kariangote River in Kerala Based on Drainage Morphometry and Geomorphology – A Remote Sensing and GIS Approach. Indian Journal of Science and Technology.2023.16 (13):pp.978-988. DOI: 10.17485/IJST/v16i13.2057	URL
106	Sapna Yadav, Parveen Kumar. Influence of Vermicompost Derived from Rice Straw, Neem Leaves, and Cow Dung on Plant Growth Parameters of Solanum lycopersicum (Tomato). Indian Journal of Science and Technology.2023.16 (13):pp.989-997. DOI: 10.17485/IJST/v16i13.2307	URL
107	R Aishwarya, A Hemamathi, Sukumar Binu, V Suvetha. Investigation and Indexing of Eco-Toxic Metals in the Groundwater Around the Kodungaiyur Dumpsite. Indian Journal of Science and Technology.2023.16 (13):pp.998-1006. DOI: 10.17485/IJST/v16i13.1405	URL
108	P Joyson Silva, R Vignesh, Binu Sukumar, Nithish Kumar. Adaptive Traffic Signal Timer for A Signal in Chennai Metropolitan City Using Python and OpenCV. Indian Journal of Science and Technology.2023.16 (13):pp.1007-1013. DOI: 10.17485/IJST/v16i13.2131	URL
109	Tadi Chandrasekhar, Ch Sumanth Kumar. Improved Facial Identification Using Adaptive Neuro-Fuzzy Logic Inference System. Indian Journal of Science and Technology.2023.16 (13):pp.1014-1020. DOI: 10.17485/IJST/v16i13.1833	URL
110	K Kalaiselvi, M Kasthuri. Refining the Accuracy of Chest X-Ray Image Classification Through Layer and Activation Function Optimization. Indian Journal of Science and Technology.2023.16 (13):pp.1030-1037. DOI: 10.17485/IJST/v16i13.138.	URL
111	Tawseef Ahmad Mir, Aadil Ahmad Lawaye, Parveen Rana, Ghayas Ahmed. Building Kashmiri Sense Annotated Corpus and its Usage in Supervised Word Sense Disambiguation. Indian Journal of Science and Technology.2023.16 (14):pp.1021-1029. DOI: 10.17485/IJST/v16i13.2396	URL
112	Shweta Singhal, Nishtha Jatana, Geetika Dhand, Shaily Malik, Kavita Sheoran. Empirical Evaluation of Tetrad Optimization Methods for Test Case Selection and Prioritization. Indian Journal of Science and Technology.2023.16 (14):pp.1038-1044. DOI: 10.17485/IJST/v16i14.2109	URL
113	M Y Shiju Thomas, V N Addapalli Krishna, M Bindiya Varghese. Image Encryption Algorithm with Block Scrambling Based on Logistic Map. Indian Journal of Science and Technology.2023.16 (14):pp.1045-1055. DOI: 10.17485/IJST/v16i14.900.	URL
114	Prathika Shetty, Sindu Bharath, P Nagesh. Nexus between Workforce Agility and Employee Loyalty - An IT Sector Perspective. Indian Journal of Science and Technology.2023.16 (14):pp. 1056-1061. DOI: 10.17485/IJST/v16i14.193	URL
115	Ananya Tharanatha, R Shashidhar, Sindu Bharath, P Nagesh. The Green Behaviour Role in Relationship Amid Green Human Resource Management and Employer Branding in Green Hospitals. Indian Journal of Science and Technology.2023.16 (14):pp. 1062-1068. DOI: 10.17485/IJST/v16i14.247	URL
116	Godfred Yaw Koi-Akrofi, David Aboagye-Darko, Jones Nyame, Ebenezer Gaisie, Isaac Owusu Danquah. Students' Acceptance of Learning Management Systems at the Peak of Covid-19 Pandemic by Employing a Modified Technology Acceptance Model. Indian Journal of Science and Technology.2023.16 (14):pp. 1069-1081. DOI: 10.17485/IJST/v16i14.2451	URL
117	Agnik Haldar, Ajay Kumar Singh. A Transcriptomic Analysis to Identify Prevalent lncRNAs in Gingivobuccal Oral Cancer. Indian Journal of Science and Technology.2023.16 (14):pp. 1082-1089. DOI:10.17485/IJST/v16i14.2163	URL

118	K Sabina, S Gayathridevi, S Pavithraa. Exploration of Antagonistic Fungi From Rhizospheric Soil Against Phytopathogens of Solanum melongena and Citrus sinensis. Indian Journal of Science and Technology.2023.16 (14):pp.1090-1098. DOI:10.17485/IJST/v16i14.2395	URL
119	Uday Singh Kushwaha, Neelesh Jain, Jaya Malviya, Mohini Dhummerkar. Comparative Analysis of DSR, AODV, AOMDV and AOMDV-LR in VANET by Increasing the Number of Nodes and Speed. Indian Journal of Science and Technology.2023.16 (14):pp.1099-1106. DOI:10.17485/IJST/v16i14.2446	URL
120	G Lakshmi, P Sujatha. Early Detection and Classification of Heart Diseases by Employing IFCMML and 2L-C Model with I-GA Machine Learning Methods. Indian Journal of Science and Technology.2023.16 (15):pp.1107-1117. DOI:10.17485/IJST/v16i15.500	URL
121	Hemamala Selvaraj, Kiruthiga Periyannan, S Balachandar. Extraction and Characterization of Chitosan from the Shell Wastes of Indian Shrimp Using Different Methods of Deacetylation. Indian Journal of Science and Technology.2023.16 (15):pp.1118-1125. DOI:10.17485/IJST/v16i15.2040	URL
122	Dinakaran Vasumathi, Swaminathan Senguttuvan. The phyto-compounds Fumaric acid, di(1-adamantylmethyl) ester and 2-Pentamethyldisilanyloxypentane Borne from Physalis longifolia Against Various Medical and Agronomic Pests. Indian Journal of Science and Technology.2023.16 (15):pp.1126-1134. DOI:10.17485/IJST/v16i15.306	URL
123	P Sathiya, Geetha Kannappan. Free Radical Scavenging and Cytotoxicity of Dimocarpus Longan Leaves Mediated Silver Nanoflakes. Indian Journal of Science and Technology.2023.16 (15):pp.1135-1144. DOI: 10.17485/IJST/v16i15.87	URL
124	Ashwini Kumar, Vikas Kumar, Rajni Sharma, Amar Partap Singh Pharwaha. On the Development of Compact Super-Wideband Fractal Antenna. Indian Journal of Science and Technology.2023.16 (15):pp.1145-1152. DOI: 10.17485/IJST/v16i15.2403	URL
125	U K Ambikathanaya, KN Raghavendra Swamy, Anil Kumar Gujjari, K L Sunil Tejaswi, Suneeth Shetty, M Maurya. Diabetes and Dental Caries in Relation to Oral Health – An Empirical Review. Indian Journal of Science and Technology.2023.16 (15):pp.1153-1158. DOI:10.17485/IJST/v16i15.1955	URL
126	P C Jayaprakasha, H C Shashikumar. Numerical Solution of Non-linear Integro-differential Equations using Operational Matrix based on the Hosoya Polynomial of a Path Graph. Indian Journal of Science and Technology.2023.16 (15):pp.1159-1167. DOI:10.17485/IJST/v16i15.2353	URL
127	A Subhash, C Kumuthini. A Novel Energy Efficient Cluster Based Routing in Wireless Sensor Network. Indian Journal of Science and Technology.2023.16 (15):pp.1168-1177. DOI:10.17485/IJST/v16i15.71	URL
128	Dinakaran Vasumathi, Swaminathan Senguttuvan. The Major Phyto-Compounds Heptasiloxane, hexadecamethyl- and 1,1-Dimethylethyl 3-Phenyl-2-Propenoate Derived from Indigofera tinctoria Medicinal Flora Tested Against Various Target Medical and Agronomic Pests. Indian Journal of Science and Technology.2023.16 (16):pp.1178-1186. DOI:10.17485/IJST/v16i16.310	URL
129	P Ponnusamy, M Deivam, B Santhamani, P Pavithra. Effect of Prezi Based Presentations on Achievements of Pre-Service Teachers in Teacher Education Curriculum Contents. Indian Journal of Science and Technology.2023.16 (16):pp.1187-1191. DOI:10.17485/IJST/v16i16.2114	URL
130	P Iris Punitha, J G R Sathiaselan. A Novel Two Tier Missing at Random Type Missing Data Imputation using Enhanced Linear Interpolation Technique on Internet of Medical Things. Indian Journal of Science and Technology.2023.16 (16):pp.1192-1204. DOI:10.17485/IJST/v16i16.60	URL

131	Dhanashree K Toradmalle, K Amarendra. A Chosen-Probably-Secure Attack-Resistant Light-Weight Digital Signature Based on Elliptical Curve for Resource Constrained Applications. Indian Journal of Science and Technology.2023.16 (16):pp.1205-1213. DOI:10.17485/IJST/v16i16.410	URL
132	S Karthikeyan, T Kathirvalavakumar. A Hybrid Data Resampling Algorithm Combining Leader and SMOTE for Classifying the High Imbalanced Datasets. Indian Journal of Science and Technology.2023.16 (16):pp.1214-1220. DOI:10.17485/IJST/v16i16.146	URL
133	M Sowmya, M Balasubramanian, K Vaidehi. Human Behavior Classification using 2D – Convolutional Neural Network, VGG16 and ResNet50. Indian Journal of Science and Technology.2023.16 (16):pp.1221-1229. DOI:10.17485/IJST/v16i16.199	URL
134	Impana Appaji, P Raviraj. Framework for Simulation of Vehicular Communication using LSTM-based Graph Attention Networks. Indian Journal of Science and Technology.2023.16 (16):pp.1230-1240. DOI:10.17485/IJST/v16i16.1777	URL
135	B Ramana Reddy, M Indiramma, N Nagarathna. Intelligent Particle Swarm Optimization Based Resource Provisioning Technique in Cloud Computing. Indian Journal of Science and Technology.2023.16 (16):pp.1241-1249. DOI:10.17485/IJST/v16i16.308	URL
136	G Gopi, T Edwin Prabakaran. A Study on Refractive Error in Patients of Chennai City in India during Covid 19 Pandemic Period. Indian Journal of Science and Technology.2023.16 (17):pp.1250-1259. DOI:10.17485/IJST/v16i17.1308	URL
137	P Balaramesh, S Jayalakshmi, V Anitha, Absara Fdo, P Venkatesh. Effect of Active Dithiocarbamate Derivatives on Copper Nano Film Deposition. Indian Journal of Science and Technology.2023.16 (17):pp.1260-1267. DOI:10.17485/IJST/v16i17.98	URL
138	P Arul, N Shanmugapriya. Intrusion Detection Using IDMAL Algorithm for IOT Devices. Indian Journal of Science and Technology.2023.16 (17):pp.1268-1275. DOI:10.17485/IJST/v16i17.2030	URL
139	Shoba Rani Salvadi, D Nagendra Rao, S Vathsal. Optimization of Facial Images to Predict Gender Using HDSON and Bidirectional Associative Memory. Indian Journal of Science and Technology.2023.16 (17):pp.1276-1283. DOI:10.17485/IJST/v16i17.2481	URL
140	Parashuram Bannigidad, Namita Potraj, P M Gurubasavaraj. An Improved Machine Learning Algorithm for Silver Nanoparticle Images: A Study on Computational Nano-Materials. Indian Journal of Science and Technology.2023.16 (17):pp.1284-1294. DOI:10.17485/IJST/v16i17.207	URL
141	Shoba Rani Salvadi, D Nagendra Rao, S Vathsas. Visual Mapping for Gender Identification from Facial Images using BAM and DON. Indian Journal of Science and Technology.2023.16 (17):pp.1295-1301. DOI:10.17485/IJST/v16i17.349	URL
142	Fayaz Ahamed. Evolution of Oman's Islamic Banks. Indian Journal of Science and Technology.2023.16 (17):pp.1302-1308. DOI:10.17485/IJST/v16i17.600	URL
143	K Meenatchi, K Suguna, P N Raghunath. Performance Evaluation of Fibre Reinforced Concrete Containing Alccofine and Zeolite. Indian Journal of Science and Technology.2023.16 (17):pp.1309-1322. DOI:10.17485/IJST/v16i17.2346	URL
144	Prashant B Wakhare, S Neduncheliyan. Using Image Processing and Deep Learning Techniques Detect and Identify Pomegranate Leaf Diseases. Indian Journal of Science and Technology.2023.16 (18):pp.1323-1331. DOI:10.17485/IJST/v16i18.768	URL

145	G Raghuraman, S Kavitha, Nitish Gokulakrishnan, Santosh Radhakrishnan, Pranav Ramakrishnan. Smart Parking System with Dynamic Pricing Model. Indian Journal of Science and Technology.2023.16 (18):pp.1332-1339. DOI:10.17485/IJST/v16i18.2489	URL
146	Lalit M Thakare, Tushar A Shitole. Shoreline Change Detection Analysis along the Sindhudurg Coast of India using DSAS Technique. Indian Journal of Science and Technology.2023.16 (18):pp.1340-1348. DOI:10.17485/IJST/v16i18.162	URL
147	Basavaraj Gudadappanavar, D K Kulkarni, P S Shivakumar Gouda. Influence of Basalt and Geo-Textile Fiber Wrapping on Compressive and Flexural Strengths of HDPE-filled Reinforced Concrete. Indian Journal of Science and Technology.2023.16 (18):pp.1349-1356. DOI:10.17485/IJST/v16i18.676	URL
148	A Shalini Divya Prasanna, C Beulah Christalin Latha. Bi-Lingual Machine Translation Approach using Long Short-Term Memory Model for Asian Languages. Indian Journal of Science and Technology.2023.16 (18):pp.1357-1364. DOI:10.17485/IJST/v16i18.176	URL
149	C Saraswathi, B Pushpa. Attention Balanced Multi-Dimension Multi-Task Deep Learning for Alopecia Recognition. Indian Journal of Science and Technology.2023.16 (18):pp.1365-1373. DOI:10.17485/IJST/v16i18.29	URL
150	Raveena Ravindiran, Lakshminarayanan Ramadoss. Mechanical Design and Theoretical Performance Analysis of a Modified Engine to Improve Fuel Efficiency. Indian Journal of Science and Technology.2023.16 (18):pp.1374-1384. DOI:10.17485/IJST/v16i18.2483	URL
151	Aarti Bokade, Ankit Shah. Breast Cancer Diagnosis in Mammography Images Using Deep Convolutional Neural Network-Based Transfer and Scratch Learning Approach. Indian Journal of Science and Technology.2023.16 (18):pp.1385-1394. DOI:10.17485/IJST/v16i18.39	URL
152	MCK Jamenraja, K Ravichandran. Experimental Investigation of Mechanical and Durability Properties of Concrete Containing Nano Silica, Alccofine and Polypropylene Fibers. Indian Journal of Science and Technology.2023.16 (19):pp.1395-1407. DOI: 10.17485/IJST/v16i19.2431	URL
153	Divya Jatani, Vikram Singh. An Approach for Aspect Extraction Using Double Embedding Technique based Machine Learning Model. Indian Journal of Science and Technology.2023.16 (19):pp.1408-1412. DOI: 10.17485/IJST/v16i19.62	URL
154	Naveenkumar T Rudrappa, Mallamma V Reddy, M Hanumanthappa. HiTEK Pre-processing for Speech and Text: NLP. Indian Journal of Science and Technology.2023.16 (19):pp.1413-1421. DOI: 10.17485/IJST/v16i19.296	URL
155	B Venkateswara Rao, K Somaiah, A Ravi Kumar, K Narasimharao. Plane Wave Problem in a Generalized Thermo-elastic Solid in the Presence of Voids. Indian Journal of Science and Technology.2023.16 (19):pp.1422-1430. DOI: 10.17485/IJST/v16i19.196	URL
156	Lalita Nanjannawar, Sanjivani Gofane, Kunal Keshaw, Sumit Pagar, Shraddha Shetti, Nilima Naik. Multidisciplinary Management of a Protrusive Malocclusion in an Adult Patient with Atrophic Ridges by Alveolar Ridge Split Technique - A Case Report. Indian Journal of Science and Technology.2023.16 (19):pp.1431-1437. DOI: 10.17485/IJST/v16i19.196	URL
157	P Anima, A S Aneeshkumar. Implementation of Sequential Pattern Neural Classifier in E-Commerce Data Behavioral Characteristic Extraction. Indian Journal of Science and Technology.2023.16 (19):pp.1438-1443. DOI: 10.17485/IJST/v16i19.94	URL
158	D Angayarkanni, L Jayasimman. Recognition of Disease in Leaves Using Genetic Algorithm and Neural Network Based Feature Selection. Indian Journal of Science and Technology.2023.16 (19):pp.1444-1452. DOI: 10.17485/IJST/v16i19.218	URL

159	Archana Kale, Farhat Surve. Role of End-Correction in Enhancing Transmission Loss Estimates in Case of Extended Inlet-Outlet Expansion Chamber Mufflers Using Simulation. Indian Journal of Science and Technology.2023.16 (19):pp.1453-1460. DOI: 10.17485/IJST/v16i19.1645	URL
160	Amel Ourici. Battery Technologies Comparison for Electric Vehicles. Indian Journal of Science and Technology.2023.16 (20):pp.1461-1468. DOI: 10.17485/IJST/v16i20.2221	URL
161	P Muthulakshmi, M Parveen, P Rajeswari. Prediction of Heart Disease using Ensemble Learning. Indian Journal of Science and Technology.2023.16 (20):pp.1469-1476. DOI: 10.17485/IJST/v16i20.2279	URL
162	Shirly Agcaoili. Analysis on the Land Suitability for Coconut Cultivation using Geographic Information System. Indian Journal of Science and Technology.2023.16 (20):pp.1477-1486. DOI: 10.17485/IJST/v16i20.1199	URL
163	Alvin G Domingo, Jayson F Cariaga, Bjorn S Santos, Shirley C Agrupis. Production of Cellulose Hydrogel from Nipa (Nypa fruticans Wurmb) Frond. Indian Journal of Science and Technology.2023.16 (20):pp.1487-1494. DOI: 10.17485/IJST/v16i20.2336	URL
164	Permanki Guthu Rithesh Pakkala, Bellipady Shamantha Rai, Prakhyath Rai. Statistical Driven Feature Selection for Prognostic Reasoning and Insight Exploration of Areca Nut Crop using Data Analytics Approach. Indian Journal of Science and Technology.2023.16 (20):pp.1495-1504. DOI: 10.17485/IJST/v16i20.2508	URL
165	Parameswaran Ramesh, N Vidhya, P T V Bhuvanewari, Shabana Parveen. I-SOEW: IoT Based Solar Energized Weather Monitoring System. Indian Journal of Science and Technology.2023.16 (20):pp.1505-1515. DOI: 10.17485/IJST/v16i20.287	URL
166	A Hemamathi, K P Jaya, Binu Sukumar. Evaluation of Ductility of Precast Column Foundation Connections. Indian Journal of Science and Technology.2023.16 (20):pp.1516-1526. DOI: 10.17485/IJST/v16i20.2306	URL
167	C Nageswaranath, V Sravana Kumar, K Elangovan. Wave Propagation in a Homogeneous Poroelastic Layer Bounded Between Transversely Isotropic Poroelastic Half-space and an inhomogeneous Elastic Half-space. Indian Journal of Science and Technology.2023.16 (20):pp.1527-1537. DOI: 10.17485/IJST/v16i20.2322	URL
168	K Devipriya, R Hemalatha. Improving Quality of Service using Multipath Routing Protocol for Delay Sensitive Applications of Internet of Things in Wireless Sensor Networks. Indian Journal of Science and Technology.2023.16 (21):pp.1538-1545. DOI: 10.17485/IJST/v16i21.441	URL
169	P Ramshankar, Binu Sukumar, R Aishwarya, P R Darshan, Hrithik. Experimental Investigation on Bituminous Pavement Using Construction Demolition Waste and Plastic Waste. Indian Journal of Science and Technology.2023.16 (21):pp.1546-1554. DOI: 10.17485/IJST/v16i21.1792	URL
170	Maria Augustine, G Geetha, T M Dhanya, G Anjali Krishna, P V Mohanan. Aniline Formaldehyde Cross-Linked Polyaniline Magnetic Nanocomposite with Core-Shell Structure As A New Platform for Enzyme Immobilization. Indian Journal of Science and Technology.2023.16 (21):pp.1555-1562. DOI: 10.17485/IJST/v16i21.1977	URL
171	Jennifer Bagulaya Abogaa. Smartphone-Based Evaluation of Academic Performance with QR Code Scanner Support. Indian Journal of Science and Technology.2023.16 (21):pp.1563-1571. DOI: 10.17485/IJST/v16i21.2462	URL

172	Naveenkumar T Rudrappa, Mallamma V Reddy, M Hanumanthappa. KHiTE: Multilingual Speech Acquisition to Monolingual Text Translation. Indian Journal of Science and Technology.2023.16 (21):pp.1572-1579. DOI: 10.17485/IJST/v16i21.727	URL
173	Noba Hilvano. Awareness of Ecosystem Services and Management of Mangroves in Maliwaliw Island, Salcedo, Eastern Samar, Philippines. Indian Journal of Science and Technology.2023.16 (21):pp.1580-1589. DOI: 10.17485/IJST/v16i21.231	URL
174	Godfred Yaw Koi-Akrofi, David Aboagye-Darko, Samuel Chris Quist, Ebenezer Gaisie, Isaac Owusu Danquah, Frank Banaseka. Will Innovation, Training, and IT Support Moderate IT Investments in a Mandated Environment, Such as in a Covid-19 Era, to Create Value for Students in a Tertiary Educational Setting? Indian Journal of Science and Technology.2023.16 (21):pp.1590-1602. DOI: 10.17485/IJST/v16i21.173	URL
175	D S Panchal, M B Shelke, S S Kawathekar, S N Deshmukh. Prediction of Healthcare Quality Using Sentiment Analysis. Indian Journal of Science and Technology.2023.16 (21):pp.1603-1613. DOI: 10.17485/IJST/v16i21.2506	URL
176	Nidhi S Trivedi, Jignasha Thumar. Statistical Optimization for the Production of Antimicrobial Compounds Produced by Mangrove Endophytic Aspergillus sp. Indian Journal of Science and Technology.2023.16 (22):pp.1614-1623. DOI: 10.17485/IJST/v16i22.1027	URL
177	Prashant Mathur, Sudhanshu Singh. Advanced Anaerobic Digestion With Optimization Techniques Using Genetic Algorithm and Fuzzy Logic. Indian Journal of Science and Technology.2023.16 (22):pp.1624-1634. DOI: 10.17485/IJST/v16i22.2195	URL
178	Pallavi Chaturvedi, Mohmmmed Rizwan Ansari, Dheeraj Kumar Palwalia. Optimal Unified Triple-Phase-Shift Control Technique for Dual Active Bridge Converter. Indian Journal of Science and Technology.2023.16 (22):pp.1635-1644. DOI: 10.17485/IJST/v16i22.329	URL
179	Anurag Chourasia, P C Bahuguna. HR Managers' Competencies in Implementing Strategic HRM: A Causal Attribution Theory Perspective. Indian Journal of Science and Technology.2023.16 (22):pp.1645-1656. DOI: 10.17485/IJST/v16i22.341	URL
180	Lijo P Thomas, Juby Thomas, Ritesh Choudhary. Digital Learning in South Indian Higher Education Institutions: Prospects and Challenges from Academicians' Perspective. Indian Journal of Science and Technology.2023.16 (22):pp.1657-1664. DOI: 10.17485/IJST/v16i22.529	URL
181	K Emily Esther Rani, S Baulkani. Multi Variate Feature Extraction and Feature Selection using LGKFS Algorithm for Detecting Alzheimer's Disease. Indian Journal of Science and Technology.2023.16 (22):pp.1665-1675. DOI: 10.17485/IJST/v16i22.707	URL
182	A Narendra Babu, Mahija Cherry Blossom, A Praneetha, P Shirisha, P Mani Kishore, F Mary Mounika, G Anil Kumar, P S Brahmanandam. Internet of Things (IoT) based Pesticide Spraying Robot - A Revolution in Smart Farming. Indian Journal of Science and Technology.2023.16 (22):pp.1676-1681. DOI: 10.17485/IJST/v16i22.926	URL
183	Jose V Donu, K Santhi. (2023). Real Time Classification and Detection of Apple Leaf Diseases at Early Stage by Employing Enhanced Paddy Field Pattern Search Method (EPF-PSM) with 2LC. Indian Journal of Science and Technology.2023.16 (22):pp.1682-1693. DOI: 10.17485/IJST/v16i22.1206	URL
184	Jutika Devi, Bhabana Das, Jyotismita Das. Study on Inheritance of Fingerprint Pattern and its Association with ABO Blood Groups at Nagaon, Assam. Indian Journal of Science and Technology.2023.16 (23):pp.1694-1701. DOI: 10.17485/IJST/v16i23.1941	URL

185	Anju Panwar, Pradeep Kumar. (2023). Iterative Approach for Solving Variational Inequality Problems using Fixed Point Concept. Indian Journal of Science and Technology.2023.16 (23):pp.1702-1715. DOI: 10.17485/IJST/v16i23.2259	URL
186	Sumit Das, Amarta Kundu, Abhishek Kumar, Biswajit Karmakar, Anirban Saha. An Intelligent Diagnosis of Adenovirus Disease for Child Healthcare and Prognosis. Indian Journal of Science and Technology.2023.16 (23):pp.1716-1725. DOI: 10.17485/IJST/v16i23.447	URL
187	B Megala, P Thirumalai Vasan. Diversity of Endophytic Bacteria from Marine Associated Plant Leaves. Indian Journal of Science and Technology.2023.16 (23):pp.1726-1732. DOI: 10.17485/IJST/v16i23.88	URL
188	P L Chithra, R Aparna. Dual Level Security Scheme (DLSS) Using RGB Layer Cryptography and Audio Steganography for Secret Image Transmission in Unsecure Medium. Indian Journal of Science and Technology.2023.16 (23):pp.1733-1744. DOI: 10.17485/IJST/v16i23.924	URL
189	R Koteswararaonaik, G V K Sharma. Enhance Auto and Cross-Correlation Properties to Detect Multiple Moving Targets in Radar using the Booths Algorithm. Indian Journal of Science and Technology.2023.16 (23):pp.1745-1753. DOI: 10.17485/IJST/v16i23.686	URL
190	Jayson F Cariaga, Alvin G Domingo, Bjorn S Santos, Shirley C Agrupis. Isolation of a - Cellulose from Nipa (Nypa fruticans Wurmb) Frond using Physico-Chemical Treatment. Indian Journal of Science and Technology.2023.16 (23):pp.1754-1759. DOI: 10.17485/IJST/v16i23.2258	URL
191	Amel Ourici, Bahi Abderaouf. Maximum Power Point Tracking in A Photovoltaic System Based on Artificial Neurons. Indian Journal of Science and Technology.2023.16 (23):pp.1760-1767. DOI: 10.17485/IJST/v16i23.648	URL
192	V S Harilakshmi, P Arockia Jansi Rani. Deep Learning based Artificial Intelligent Systems in Road Traffic Density Estimation and Congestion Classification. Indian Journal of Science and Technology.2023.16 (24):pp.1768-1776. DOI: 10.17485/IJST/v16i24.1660	URL
193	Lakkappa B Anigol, Vinodkumar P Sajjan, Prabhuodeyara M Gurubasavaraj. Evaluation of Antioxidant and Antibacterial Property of Microwave Assisted Green Synthesis of Fe ₃ O ₄ -MgO Nanocomposites. Indian Journal of Science and Technology.2023.16 (24):pp.1777-1786. DOI: 10.17485/IJST/v16i24.629	URL
194	Sagar M Gawande, Dilip D Sarode. Study of Different Plant Species and their Hardiness Zones for Applications and Utilization in Phytoremediation Processes. Indian Journal of Science and Technology.2023.16 (24):pp.1787-1794. DOI: 10.17485/IJST/v16i24.800	URL
195	Y Dinesh, Karthikeyan Ramalingam, Pratibha Ramani, Selvaraj Jayaraman. Bioinformatic Analysis of CPEB3 in Head and Neck Squamous Cell Carcinoma via mTOR Pathway and its microRNA Targets. Indian Journal of Science and Technology.2023.16 (24):pp.1795-1801. DOI: 10.17485/IJST/v16i24.76	URL
196	P Jenavio Maria Amirtham, R Shenbhagaraman, R Siva. Photocatalytic Dye Degradation and Bacteriostatic Efficacy of Myco Synthesized Copper Nanoparticles by new Isolate Lentinus squarrosulus (Mont.) from Dead Trunk of Nerium odourum. Indian Journal of Science and Technology.2023.16 (24):pp.1802-1809. DOI: 10.17485/IJST/v16i24.252	URL
197	Amit Tiwari, Neeraj Kumar, M K Banerjee. Effect of Hot Rolling on Microstructure and Mechanical Properties of Stir Cast AZ 61 Alloy with Minor Additions. Indian Journal of Science and Technology.2023.16 (24):pp.1810-1822. DOI: 10.17485/IJST/v16i24.302	URL
198	Amiyaranjan Parida, Devananda Beura. Morphology and Mineralogical Characteristics of Detrital Iron Deposit of North Odisha Iron Ore Craton, India. Indian Journal of Science and Technology.2023.16 (24):pp.1823-1832. DOI: 10.17485/IJST/v16i24.650	URL

199	Prashant Awachat, Vinayak Dakre, Pranav Charkha, Siva Reddy Vundela. Performance Evaluation of Uncertainty in Measurement for Dynamic Young's Modules of Elasticity. Indian Journal of Science and Technology.2023.16 (25):pp.1833-1842. DOI: 10.17485/IJST/v16i25.1016	URL
200	Naresh Parkala, Upender Reddy Gujjula, Srinuvasa Rao Bagathi. Some Quadruple Fixed Points of Integral Type Contraction Mappings in Bipolar Metric Spaces with Application. Indian Journal of Science and Technology.2023.16 (25):pp.1843-1856. DOI: 10.17485/IJST/v16i25.2058	URL
201	Yasir Rashid, Javaid Iqbal Bhat. Unlocking the Power of Social Networks with Community Detection Techniques for Isolated and Overlapped Communities: A Review. Indian Journal of Science and Technology.2023.16 (25):pp.1857-1871. DOI: 10.17485/IJST/v16i25.841	URL
202	Vikram Singh Kapil, Anil Kumar, Tilak Raj Sharma. Strong Gamma Group. Indian Journal of Science and Technology.2023.16 (25):pp.1872-1876. DOI: 10.17485/IJST/v16i25.1325	URL
203	S Saravanakumar, M Lingaraj. An Enriched Model of Neutrosophical Fuzzy and Grasshopper Convolutional Neural Network Based Moving Object Detection and Classification to Improve Video Surveillance. Indian Journal of Science and Technology.2023.16 (25):pp.1877-1887. DOI: 10.17485/IJST/v16i25.1279	URL
204	A Kala, P Sharon Femi, V Rajalakshmi, S Kalavathi, K Ashwini. Face Mask Detection and Social Distance Monitoring with Deep Learning. Indian Journal of Science and Technology.2023.16 (25):pp.1888-1897. DOI: 10.17485/IJST/v16i25.70	URL
205	C V Banupriya, R Kowsalya. Machine Learning-Driven Robust Optimization of Communication Signals in Sensor Wearable Devices for Early Stage Epilepsy Seizure Prediction using EPCA. Indian Journal of Science and Technology.2023.16 (25):pp.1898-1909. DOI: 10.17485/IJST/v16i25.1290	URL
206	Rakhi S Ambhore, Yogesh B Mandake, Deepak S Bankar. Simulation and Analysis of Performance of SRM by Using Different Controller. Indian Journal of Science and Technology.2023.16 (25):pp.1910-1917. DOI: 10.17485/IJST/v16i25.1166	URL
207	Munusamy Kalaivani, Subramaniyan Ravi. Green Synthesis of ZnO NPs and CdO-ZnO Nanocomposites using aqueous Extract of Water Hyacinth (Eichhornia crassipes) Characterization, Structural and Nano-fertilizer using Application. Indian Journal of Science and Technology.2023.16 (25):pp.1918-1926. DOI: 10.17485/IJST/v16i25.180	URL
208	R Muthukrishnan, Surabhi S Nair. Computing Robust Measure of Location on Multivariate Statistical Data Using Euclidean Depth Procedures. Indian Journal of Science and Technology.2023.16 (26):pp.1927-1934. DOI: 10.17485/IJST/v16i26.847	URL
209	Kanchan Varpe, Sachin Sakhare. Review of Character Recognition Techniques for MODI Script. Indian Journal of Science and Technology. 2023. 16 (26):pp.1935-1946. DOI: 10.17485/IJST/v16i26.485	URL
210	Jaydeepsinh C Baria, Kuldip Patel, Darshankumar C Dalwadi, C Dalwadi. High-Performance and Robust Field-Oriented Control of IPMSM Drive Over Wide Speed Operation by PI and Fuzzy Intelligent Controllers. Indian Journal of Science and Technology.2023.16 (26):pp.1947-1957. DOI: 10.17485/IJST/v16i26.776	URL
211	Arfat Manzoor, Andleebah Jan, Mohammad Shafi. Big-Five Personality Traits and Risk Perception of Women Retail Investors in the Indian Stock Market: A PLS-SEM and ANN Approach. Indian Journal of Science and Technology.2023.16 (26):pp.1958-1966. DOI: 10.17485/IJST/v16i26.835	URL

212	Arvind Kumar Sinha, Md Amir Khusru Akhtar, Mohit Kumar. Automated Resume Parsing and Job Domain Prediction using Machine Learning. Indian Journal of Science and Technology.2023.16 (26):pp.1967-1974. DOI: 10.17485/IJST/v16i26.880	URL
213	Yamini J Patel, Niraj Shah. Workability and Compressive Strength of Self-Compacting Geopolymer Concrete Blended with Industrial and Agricultural Waste. Indian Journal of Science and Technology.2023.16 (26):pp.1975-1985. DOI: 10.17485/IJST/v16i26.942	URL
214	Aditya Pegu, Sumanta Borah, Ankur Bharali. Predictive Ability of Some Neighborhood Degree-Based Topological Indices for Antituberculosis Drugs. Indian Journal of Science and Technology.2023.16 (26):pp.1986-1996. DOI: 10.17485/IJST/v16i26.615	URL
215	R M Balaje, M R Murali, T N Sathya, Sangeetha V Naveen, K R Navaneethakrishnan, S S Murugan, T S Kumaravel. Estimation and Risk Assessment of Di (2-ethylhexyl) Phthalate (DEHP) in Cardiac Catheter Sets. Indian Journal of Science and Technology.2023.16 (26):pp.1997-2007. DOI: 10.17485/IJST/v16i26.Balaje	URL
216	S Teresa Arockiamary, G Vijayalakshmi. Vertex k-Prime Labeling of Theta Graphs. Indian Journal of Science and Technology.2023.16 (26):pp.2008-2015. DOI: 10.17485/IJST/v16i26.1278	URL
217	P Oliver Jayaprakash, B Damodhara Reddy, M Mohan Babu, S Herald Lessly. Design and Modelling of Intze Water Tanks in Seismic Zones by Using M40 Grade Concrete. Indian Journal of Science and Technology.2023.16 (27):pp.2016-2023. DOI: 10.17485/IJST/v16i27.46	URL
218	M Surya Sekhar Reddy, C Sai Vandana, Y B Kishore Kumar. Tailoring the Inherent Magnetism of N: CdS Nanoparticles with Co ²⁺ Doping. Indian Journal of Science and Technology.2023.16 (27):pp.2024-2034. DOI: 10.17485/IJST/v16i27.596	URL
219	K R Navaneethakrishnan, Sanjey Kumar Prabath Udaya Kumar, M R Murali, T N Sathya, Sangeetha V Naveen, S S Murugan, T S Kumaravel. Cytotoxicity Testing of Dental Materials. Indian Journal of Science and Technology.2023.16 (27):pp.2035-2039. DOI: 10.17485/IJST/v16i27.KRN	URL
220	S Chinthamani, P Lokesh. The Extension of Chebyshev Polynomial Bounds Involving Bazilevic Function. Indian Journal of Science and Technology.2023.16 (27):pp.2040-2046. DOI: 10.17485/IJST/v16i27.icrms-207	URL
221	Bisrat Getnet, Desalegn Ashebir, Birhanu Gardie. Flower Disease Diagnosis Model Using Deep Convolutional Neural Network. Indian Journal of Science and Technology.2023.16 (27):pp.2047-2057. DOI: 10.17485/IJST/v16i27.1109	URL
222	B Manikandan, P Rama, S Chakaravarthi. Sentiment and Fuzzy Aware Product Recommendation System Using HOA and FT-DBN in E- Commerce. Indian Journal of Science and Technology.2023.16 (27):pp.2058-2067. DOI: 10.17485/IJST/v16i27.430	URL
223	Md Aftab Alam, S V A V Prasad, Mohammed Asim. Design of Photovoltaic H6 -Type Transformerless Inverter Topology to Minimize Leakage Current. Indian Journal of Science and Technology.2023.16 (27):pp.2068-2075. DOI: 10.17485/IJST/v16i27.1051	URL
224	S Hemalatha, K Annadurai. A Fuzzy EOQ Inventory Model with Advance Payment and Various Fuzzy Numbers. Indian Journal of Science and Technology.2023.16 (27):pp.2076-2089. DOI: 10.17485/IJST/v16i27.451	URL
225	G Krishna Veni, Chirala Satyanarayana, M Chenna Krishnareddy. Radial Basis Function Based Partition of Unity Method for Two-Dimensional Unsteady Convection Diffusion Equations. Indian Journal of Science and Technology.2023.16 (27):pp.2090-2101. DOI: 10.17485/IJST/v16i27.336	URL