

# Indian Journal of Science and Technology

(Print ISSN: 0974-6846, Online ISSN: 0974-5645)

<http://www.indjst.org/index.php/indjst/issue/archive>

## Volume 19 (2026) Issues (1-17)

SNO	ARTICLES	URL
1	T Veerabhadraiah, A Sabitha Rani, M Keerthi, S Babu. Comparative HPLC Analysis of Bioactive Compounds from Stem, Root and Callus of <i>Caralluma stalagmifera</i> C.E.C. Fisch. Indian Journal of Science and Technology.2026.19 (1):pp.1-7. DOI: 10.17485/IJST/v19i1.1856	<a href="#">URL</a>
2	K Chitra, Dr. G Arockia Sahaya Sheela. Early Prediction of Hypothyroidism using Chi-Square Feature Selection and SMOTE-ENN with Randomized Search CV Compared to Grid-Based Search. Indian Journal of Science and Technology.2026.19 (1):pp.8-18. DOI: 10.17485/IJST/v19i1.1928	<a href="#">URL</a>
3	Gaurav D Tivari, Satvik V Khara, Premal Patel. Enhancing Diagnostic Accuracy of Brain MRI Using Super-Resolution AttentionGAN. Indian Journal of Science and Technology.2026.19 (1):pp.19-26. DOI: 10.17485/IJST/v19i1.1970	<a href="#">URL</a>
4	Dhrubajit Brahma, Rwirup Narzary, Sharmistha Chakraborty, Mehdi Al Kausor. Comparative Assessment of Air Quality Index (AQI) during Pre-Diwali, Diwali and Post-Diwali Periods of 2024-2025 in Delhi, India: A Case Study. Indian Journal of Science and Technology.2026.19 (1):pp.27-35. DOI: 10.17485/IJST/v19i1.2047	<a href="#">URL</a>
5	Nilesh Balki, Ravi Terkar, Ashish Deshmukh. Experimental Investigation of Thermal Performance Enhancement in Vertical Absorber Solar Air Heaters Using Fins. Indian Journal of Science and Technology.2026.19 (1):pp.36-43. DOI: 10.17485/IJST/v19i1.1964	<a href="#">URL</a>
6	K Arulmani, S Bharathi. Local Neutrosophic Rough Matrix, Its Energy, and Its Application. Indian Journal of Science and Technology. 2026.19 (2):pp.44-58. DOI: 10.17485/IJST/v19i2.1885	<a href="#">URL</a>
7	M Sukanya, V Jude Nirmal, George Gabriel Richard Roy. FLPPBC: A Federated Learning-Driven Privacy-Preserving Model Using Private Permissioned Blockchain for Healthcare Systems. Indian Journal of Science and Technology. 2026.19 (2):pp.59-70. DOI: 10.17485/IJST/v19i2.1956	<a href="#">URL</a>
8	S V Arulvani Dr. C Jayanthi. A Robust Statistical Inference-Driven Subspace Ensemble Classifier for Student Dropout detection in Higher Education. Indian Journal of Science and Technology. 2026.19 (2):pp.71-87. DOI: 10.17485/IJST/v19i2.1870	<a href="#">URL</a>
9	Adil Mahmoud Mohamed Mahmoud, Aeshah Alotaibi, Ahmed Eltayb Abdalla Nour Abdelwahid, Ali Sirageldeen Ahmed. Management Information Systems in the Era of Artificial Intelligence and Cloud Computing: A Comprehensive Review of Their Purpose, Benefits, and Implementation Barriers. Indian Journal of Science and Technology. 2026.19 (2):pp.88-94. DOI: 10.17485/IJST/v19i2.1907	<a href="#">URL</a>
10	P Krishna Kaushik, J R Naveen Kumar, M Rohit, Divya R Basavannavar, B M Praveen, C Mallikarjunaswamy, R Harini, G Nagaraju, Bharath K Devendra. Electrochemical Detection of L-Ascorbic Acid and Photocatalytic Application of Cu <sub>5</sub> V <sub>2</sub> O <sub>10</sub> Nanomaterials. Indian Journal of Science and Technology. 2026.19 (2):pp.95-106. DOI: 10.17485/IJST/v19i2.2014	<a href="#">URL</a>
11	Tagay Birhanu, Birku Reta, Tsegaye Mulugeta. Industrialization, Energy Transitions, and Green Growth: A Cross-National Analysis of Environmental Pollution in Emerging Economies. Indian Journal of Science and Technology. 2026.19 (3):pp.107-115. DOI: 10.17485/IJST/v19i3.2034	<a href="#">URL</a>
12	S C Shiralashetti, N T Vatsala. Haar Wavelet Operational Matrix Method for the Solution of Magnetohydrodynamic Lubrication Problem of Porous Rough Plates for Squeeze Films. Indian Journal of Science and Technology. 2026.19 (3):pp.116-132. DOI: 10.17485/IJST/v19i3.1717	<a href="#">URL</a>
13	P Sasikala, M Eswaran, M Antony Raj, M Vakkil. Research Articles Published on Cloud Computing in Education as Reflected in the Web of Science - A Metric Study. Indian Journal of Science and Technology. 2026.19 (3):pp.133-143. DOI: 10.17485/IJST/v19i3.1968	<a href="#">URL</a>

14	Khush Kataria, Jyoti Chowdhry, Anoop Beniwal, Soniya Kaushik, Meenakshi Nandal. Sustainable Biochar from Sewage Sludge and Water Hyacinth for Congo Red Removal Equilibrium Kinetic and Mechanistic Studies. Indian Journal of Science and Technology. 2026.19 (3):pp.144-156. DOI: 10.17485/IJST/v19i3.1963	<a href="#">URL</a>
15	Manoj Kumar Srivastav, Somsubhra Gupta, Subhranil Som. Sentiment Analysis in Social Networks: A Case Study on Student Feedback. Indian Journal of Science and Technology. 2026.19 (3):pp.157-168. DOI: 10.17485/IJST/v19i3.1877	<a href="#">URL</a>
16	Satyavir Singh, Rakhi Kumari. Digital Media Dependence and Psychological Well-Being among Paramilitary Personnel: A Cross-Sectional Correlational Study. Indian Journal of Science and Technology. 2026.19 (4):pp.169-176. DOI: 10.17485/IJST/v19i4.2022	<a href="#">URL</a>
17	Edriane Jay L Dimanarig, Kurt Russel D Principe, Gilbert A Peñales, Kievin P Aborde, Ivan Michael B Alejandro, Kim Joseph B Brigola, Abegail V Refereza, Ronnie Jay M Cancino. An Automated Non-Sewage Wastewater Treatment Facility using Moringa oleifera Seeds. Indian Journal of Science and Technology. 2026.19 (4):pp.177-182. DOI: 10.17485/IJST/v19i4.1700	<a href="#">URL</a>
18	Joel Lalrindika, Lalenkawli, Jangminlen Lupheng, J Malsawma, Santanu Ghosh, Susheel Kumar. Heavy Minerals as Provenance and Maturity Indicator of The Barail Group Exposed Between Khawzawl and Champhai, Mizoram, India. Indian Journal of Science and Technology. 2026.19 (4):pp.183-191. DOI: 10.17485/IJST/v19i4.1808	<a href="#">URL</a>
19	AB Thenge, JK Mane, DK Raut. Solutions of Integral Equations by using Successive Approximation Method. Indian Journal of Science and Technology. 2026.19 (4):pp.192-202. DOI: 10.17485/IJST/v19i4.1947	<a href="#">URL</a>
20	K Suman. Real-time Dynamic Adaption-centric Multi-dimensional Antenna Design Optimization Using MPS-OOA for 6G-Enabled Wireless Networks. Indian Journal of Science and Technology. 2026.19 (4):pp.203-214. DOI: 10.17485/IJST/v19i4.1663	<a href="#">URL</a>
21	G Kiruthiga, K Thanikasalam, C Pragathiswaran, K Selvarani, C Smitha. Synthesis of Ti-coated Chitosan with Selenium, Zinc Oxide and Zirconium Nanocomposites by Electroplating Method: Characterizations and Biological Applications. Indian Journal of Science and Technology. 2026.19 (4):pp.215-223. DOI: 10.17485/IJST/v19i4.31	<a href="#">URL</a>
22	Sunder Bukya, C Bhargavi. Adaptive Depth Calibration Training Reduces Spatial Anxiety and Enhances Spatial Task Performance. Indian Journal of Science and Technology. 2026.19 (4):pp.224-231. DOI: 10.17485/IJST/v19i4.1727	<a href="#">URL</a>
23	G Ashokkumar, R Kannan, A Ravi. Modelling and Control of a PV System with INC-Based MPPT and Luo Converter for Motor Drive Applications. Indian Journal of Science and Technology. 2026.19 (4):pp.232-244. DOI: 10.17485/IJST/v19i4.2039	<a href="#">URL</a>
24	Navya Gupta, Dharsh Gujar, Khadija Bhanpurwala, Nilesh Balki, Sunil Bhil. Hybrid Renewable Energy Systems (HRES) for Off-Grid Rural Electrification: A Comprehensive Review of Components, Optimisation, and Real-World Applications. Indian Journal of Science and Technology. 2026.19 (5):pp.245-255. DOI: 10.17485/IJST/v19i5.1773	<a href="#">URL</a>
25	Satyavir Singh, Rakhi Kumari. Prevalence of Digital Media Dependence, Sleep Disturbance, and Social Interaction Patterns among Indian Paramilitary Personnel: A Descriptive Cross-Sectional Study. Indian Journal of Science and Technology. 2026.19 (5):pp.255-261. DOI: 10.17485/IJST/v19i5.1983	<a href="#">URL</a>
26	Sujata N Bhosle, Jayshri D Pagare. Using Ensemble Model for Classifying Network Traffic Flow and Identifying Attacks in Smart City. Indian Journal of Science and Technology. 2026.19 (5):pp.262-269. DOI: 10.17485/IJST/v19i5.1991	<a href="#">URL</a>
27	Deevena Jemima, Sheila John, Sarah Jane Monica. A Short Review on Pineapple (Ananas comosus) Vinegar: A Functional Therapeutic and Natural Preservative. Indian Journal of Science and Technology. 2026.19 (5):pp.270-279. DOI: 10.17485/IJST/v19i5.1902	<a href="#">URL</a>
28	Manan Bhavesh Raval, Hirenkumar Indravadan Joshi, Janak Valaki, Bharat Khatri, Amit D Modi, Kaushal H. Bhavsar. An Investigation into the Impact of Technological Advancements, Advanced Manufacturing Methods and Industry 4.0 Adoption on the Bearing Manufacturing Industry: A Research Framework. Indian Journal of Science and Technology. 2026.19 (5):pp.280-297. DOI: 10.17485/IJST/v19i5.1994	<a href="#">URL</a>

29	B Fathimamary, M Nasreen, K Velusamy. An Efficient DDoS Attack Detection Using Optimized Long Short-Term Optimization Based on Improved Brainstorm Optimization. <i>Indian Journal of Science and Technology</i> . 2026.19 (5):pp.298-312. DOI: 10.17485/IJST/v19i5.2020	<a href="#">URL</a>
30	Charline Uwilingiyimana, Patrice Iradukunda, Lambert Izerimana, Jean Vianney Hakizimana, Callixte Yadufashije. Impact of Industrial Attachment Program and Collaboration between Rwandan Industry-Educational Institutions. <i>Indian Journal of Science and Technology</i> . 2026.19 (5):pp.313-321. DOI: 10.17485/IJST/v19i5.1233	<a href="#">URL</a>
31	Banavath Haritha Bai, A Sreenivasulu Reddy, P Venkataramaiah. Analysis of Fatigue Life and Surface Roughness in Laser Peened Al6082/SiC/7.5% Metal Matrix Composite. <i>Indian Journal of Science and Technology</i> . 2026.19 (6):pp.322-327. DOI: 10.17485/IJST/v19i6.3827	<a href="#">URL</a>
32	Chuchengfa Gogoi, Mohammad Sajid, Hemanta Kumar Mishra, Binod Chandra Borah. Nutrition, POSHAN, and Policy: Analysing the Child Nutrition Trends and Responses of the State in Southern India. <i>Indian Journal of Science and Technology</i> . 2026.19 (6):pp.328-338. DOI: 10.17485/IJST/v19i6.1485	<a href="#">URL</a>
33	V Maria Jenifer, M Mary Mejrullo Merlin. Integrating Interval value Intuitionistic Fuzzy Vague Set and COCOSO method with Friedman Test for Handling multi criteria Decision Making. <i>Indian Journal of Science and Technology</i> . 2026.19 (6):pp.339-344. DOI: 10.17485/IJST/v19i6.1637	<a href="#">URL</a>
34	N Parimala, M Ramani, S Amerjothy. Microscopic Study of the Aroma-Secreting Structure of <i>Syzygium aromaticum</i> (L.) Merr. & L.M. Perry (Myrtaceae). <i>Indian Journal of Science and Technology</i> . 2026.19 (6):pp.345-354. DOI: 10.17485/IJST/v19i6.1857	<a href="#">URL</a>
35	Anita Meena, Dilip Kumar. Ruthenium (III)-Catalyzed Chloramphenicol's Degradation by Peroxymonosulfate in Basic Medium: A Kinetic and Computational Investigation. <i>Indian Journal of Science and Technology</i> . 2026.19 (6):pp.355-367. DOI: 10.17485/IJST/v19i6.100	<a href="#">URL</a>
36	V Nanditha, D Muthuselvam. Phytochemical Analysis and Pharmaceutical Description of <i>Anisomeles malabarica</i> (L) Leaves: Phenolic Compounds Driving Bioactivity. <i>Indian Journal of Science and Technology</i> . 2026.19 (6):pp.368-383. DOI: 10.17485/IJST/v19i6.1916	<a href="#">URL</a>
37	Chandralika Chakraborty, Atowar ul Islam, Bhairab Sarma. Automatic Short Answer Grading for Enhancing Educational Assessment Using BERT and USE Models. <i>Indian Journal of Science and Technology</i> . 2026.19 (6):pp.384-393. DOI: 10.17485/IJST/v19i6.1167	<a href="#">URL</a>
38	K Ramiya Bharathi, M Joseph Paramasivam. Finite Difference Scheme for a Coupled System of Singularly Perturbed Time-Dependent Delay Initial Value Problems with same perturbation parameter. <i>Indian Journal of Science and Technology</i> . 2026.19 (7):pp.394-403. DOI: 10.17485/IJST/v19i7.206	<a href="#">URL</a>
39	M Saranya, Dr S Arulselvarani. Navigation Assistive Intelligent Device with YOLOv8 Object Detection and Geometric Distance Estimation. <i>Indian Journal of Science and Technology</i> . 2026.19 (7):pp.404-414. DOI: 10.17485/IJST/v19i7.1923	<a href="#">URL</a>
40	Swati Thakur, Hemlal Sahu, Pratik Gupta. Anonymous Three-Party Quantum-Safe Authenticated Key Agreement with Forward Secrecy: Ring Learning with Errors. <i>Indian Journal of Science and Technology</i> . 2026.19 (7):pp.415-428. DOI: 10.17485/IJST/v19i7.1985	<a href="#">URL</a>
41	I Carol. A Context-Preserving Vision-IoT Framework for Automated Solid Waste Segregation Using Hierarchical Token Decomposition. <i>Indian Journal of Science and Technology</i> . 2026.19 (7):pp.429-442. DOI: 10.17485/IJST/v19i7.91	<a href="#">URL</a>
42	M Deepika, G Arockia Sahaya Sheela. Contrastive Learning and Linear Self-Attention for Robust Multi-Center Pancreas Segmentation in MRI. <i>Indian Journal of Science and Technology</i> . 2026.19 (7):pp.443-454. DOI: 10.17485/IJST/v19i7.104	<a href="#">URL</a>
43	Namrata Ladha, Priya Rathore. Explicating Generative Artificial Intelligence Literacy of Management Students in India. <i>Indian Journal of Science and Technology</i> . 2026.19 (7):pp.455-465. DOI: 10.17485/IJST/v19i7.1842	<a href="#">URL</a>
44	B Vembu, M Kalaiselvi. Fractional Double Domination in Graphs and Dual Graphs. <i>Indian Journal of Science and Technology</i> . 2026.19 (7):pp.466-480. DOI: 10.17485/IJST/v19i7.89	<a href="#">URL</a>

45	Rohit Prajapati, Hiren Joshi. Regression Tree-based Ensemble Method for Short-Term Cloud Workload Prediction on Nonlinear Time Series Data. Indian Journal of Science and Technology. 2026.19 (8):pp.481-497. DOI: 10.17485/IJST/v19i8.44	<a href="#">URL</a>
46	G Ambika, V Priya. Navigating Prospective Teachers' Attitude towards AI Tools in Teacher Education. Indian Journal of Science and Technology. 2026.19 (8):pp.498-503. DOI: 10.17485/IJST/v19i8.107	<a href="#">URL</a>
47	Sathiyapriya Jagadeesan, Praveena Marannan. Reliable and High-Precision PCOS Detection using C2T-Transformer with Uncertainty-Calibrated Learning on Clinical Text Data. Indian Journal of Science and Technology.2026.19 (8):pp.504-524. DOI: 10.17485/IJST/v19i8.79	<a href="#">URL</a>
48	Alka Yadav, Abhay M Shankaregowda, Nair Dhiren Ajit, Shivaji Vilas Chobe. Cardiac Autonomic Effects of Ajwain (Trachyspermum ammi) in Hypertension: A Randomized Controlled Study. Indian Journal of Science and Technology.2026.19 (8):pp.525-531. DOI: 10.17485/IJST/v19i8.1904	<a href="#">URL</a>
49	Fernan Peniero Tupas, Sherina Dimo, Jr. Larry M Corillo, Ruby I Sia, Ivann Savio M Fortuna, Mylyn O Fernandez. Integrating the Application of TikTok in Teaching Physical Activities Towards Health and Fitness. Indian Journal of Science and Technology.2026.19 (8):pp.532-539. DOI: 10.17485/IJST/v19i8.1311	<a href="#">URL</a>
50	Subramanian Ramachandran, B P Chandramohan. Unlocking Effectiveness of MSME Auto Component Enterprises in Chennai Cluster Through Alignment: Evidence of Process - Technology Interaction. Indian Journal of Science and Technology.2026.19 (8):pp.540-552. DOI: 10.17485/IJST/v19i8.1520	<a href="#">URL</a>
51	S Vaishali, M Mary Mejrullo Merlin. An Investigation into Interval Valued Plithogenic Intuitionistic Fuzzy Sets with Likelihood & CoCoSo Ranking Method for evaluating a person's perception towards using Robotics in Health Care Decision-Making. Indian Journal of Science and Technology.2026.19 (8):pp.553-559. DOI: 10.17485/IJST/v19i8.70	<a href="#">URL</a>
52	N Parimala, D Dayanidy, S Amerjothy. Cytochemical localization of aromatic volatile oils in the rhizome of Cyperus rotundus Linn. (Cyperaceae). Indian Journal of Science and Technology.2026.19 (8):pp.560-567. DOI: 10.17485/IJST/v19i8.1875	<a href="#">URL</a>
53	Pushpa Itan, Vikash Siwach. Optimal Control of Arrival Rates in a Queueing Model with Stochastic and Time Dependent Demand. Indian Journal of Science and Technology.2026.19 (8):pp.568-573. DOI: 10.17485/IJST/v19i8.82	<a href="#">URL</a>
54	Kavitha Venkatachalam, Lakshmi Sundaram, Sangeetha Anand, Sheeja Prasad. DNA Barcoding of Selected Green Macroalgae Using 18S rDNA Diversity. Indian Journal of Science and Technology.2026.19 (9):pp.574-582. DOI: 10.17485/IJST/v19i9.1534	<a href="#">URL</a>
55	Anindita Bora, Riku Chutia, Adit Saha. Statistical Estimation of Lead (Pb) in Groundwater from Smartphone Images of Paper Test Strips using CIEDE2000 Model. Indian Journal of Science and Technology.2026.19 (9):pp.583-591. DOI: 10.17485/IJST/v19i9.1920	<a href="#">URL</a>
56	Manish Haveri, R K Chethan Gowda, H R Dileepgowda. Comparative Dynamic Response Analysis of Fixed-Base vs. Base-Isolated Steel-Concrete Composite Frames Under Seismic Excitation. Indian Journal of Science and Technology.2026.19 (9):pp.592-601. DOI: 10.17485/IJST/v19i9.1989	<a href="#">URL</a>
57	T Geetha, M Lakshmi. Application of Bipolar Single-Valued Neutrosophic Graphs in Decision-Making Problems. Indian Journal of Science and Technology.2026.19 (9):pp.602-612. DOI: 10.17485/IJST/v19i9.120	<a href="#">URL</a>
58	Mathewos Soboka Regassa, Temesgen Debelo Desissa. Digital Integration in TVET Curricula: Global Evidence and a Strategic Framework for Ethiopia. Indian Journal of Science and Technology.2026.19 (9):pp.613-619. DOI: 10.17485/IJST/v19i9.143	<a href="#">URL</a>
59	V Nirmala, B Lavanya. A Systematic Framework For Structured Document Classification And Decision Support Systems Leveraging Question Paper–Syllabus, Text Book Alignment Datasets. Indian Journal of Science and Technology.2026.19 (9):pp.620-630. DOI: 10.17485/IJST/v19i9.292	<a href="#">URL</a>
60	Anamul Haque Sadiq, Atowar ul Islam, Sankar Haloi, S Md S Askari. Enhanced IoT Security through Balanced Machine Learning-Based Intrusion Detection Systems. Indian Journal of Science and Technology.2026.19 (9):pp.631-645. DOI: 10.17485/IJST/v19i9.2033	<a href="#">URL</a>
61	Ngozi Mirianrita Ugwu, Johnson Uchenna Abangwu, Ngozi Agatha Okwesili, John Akor Yakubu, Desmond Okechukwu Ugbor, Emmanuel Awucha Igwe, Arewa James Ogah, Ojobeagu Austin Okechukwu, Jude Chukwuebuka Ugwu. Geophysical Investigation of	<a href="#">URL</a>

	Radiometric Data of Igumale and Nsukka, Southern Nigeria for Possible Spots of Radiogenic Heat Generation. Indian Journal of Science and Technology.2026.19 (9):pp.646-659. DOI: 10.17485/IJST/v19i9.1760	
62	Assandi Kouamé Rivière, Sidibe Mamadou, Konan Kouadio Modeste, Bonny Aya Carole. Effects of Lactic Acid Bacterial Strains on the Growth of Avian Pathogens: the Case of Eimeria tenella, Salmonella spp., Escherichia coli APEC. Indian Journal of Science and Technology.2026.19 (10):pp.660-665. DOI: 10.17485/IJST/v19i10.1935	<a href="#">URL</a>
63	B Mohomed Harif, D Mouriya. Modified Inverse Weibull Distribution: Using Python Approach to Evaluate Customer Transaction Data. Indian Journal of Science and Technology.2026.19 (10):pp.666-676. DOI: 10.17485/IJST/v19i10.55	<a href="#">URL</a>
64	Sibomana Madjidi, Abdulqader Al-Adeeb, Habimana Ildephonse, Tanzila Asjad, Qiuya Gu, Xiaobin Yu. Urolithin A Production by Rare Lactic Acid Bacteria Isolated from Traditional Chinese Qu Starter Cultures. Indian Journal of Science and Technology.2026.19 (10):pp.677-687. DOI: 10.17485/IJST/v19i10.270	<a href="#">URL</a>
65	S Belfin Raj, K Srinivasan, V Monisha, Bebita Robinson Chellathurai. Spatial Distribution of Groundwater Quality for Kuzhithuraiyar Sub basin of Kanyakumari District Using GIS. Indian Journal of Science and Technology.2026.19 (10):pp.688-703. DOI: 10.17485/IJST/v19i10.309	<a href="#">URL</a>
66	N Punitha, A Kalavathi. Some Exact Solutions of Unsteady Incompressible Coupled Stress Fluids with Topology Conservation of Vorticity Vector Field by Ansatz Method. Indian Journal of Science and Technology.2026.19 (10):pp.704-712. DOI: 10.17485/IJST/v19i10.265	<a href="#">URL</a>
67	Mohammed Al Qurashi. Energy-Efficient Multi-Factor Authentication for IIoT Devices Using Blockchain Technology. Indian Journal of Science and Technology.2026.19 (10):pp.713-724. DOI: 10.17485/IJST/v19i10.1587	<a href="#">URL</a>
68	Sriramoju Vijayalakshmi, M Pranaykumar. Static Timing Analysis of MAC Units Using Approximate Multipliers for Energy-Efficient Computing. Indian Journal of Science and Technology.2026.19 (10):pp.725-735. DOI: 10.17485/IJST/v19i10.2042	<a href="#">URL</a>
69	M Somanna, H S Nagendraswamy, B L Thejashwini, N Manjuchethan, B M Chethana Kumara. ResHOGNet: A Novel Hybrid Multi-Scale Residual CNN with DiffHOG Features for Lightweight and Efficient Traffic Sign Classification. Indian Journal of Science and Technology.2026.19 (10):pp.736-750. DOI: 10.17485/IJST/v19i10.303	<a href="#">URL</a>
70	Joshua Fernandes, Kevin Rodrigues, Nilesh Balki, Sunil Bhil. A Data-Driven Framework for Enhancing Outcome-Based Teaching, Learning, and Assessment Using Learning Analytics and Intelligent Dashboards in Higher Education. Indian Journal of Science and Technology.2026.19 (11):pp.810-819. DOI: 10.17485/IJST/v19i11.263	<a href="#">URL</a>
71	Anita Meena, Suraj Prasad. Computational and Kinetic Study for the Degradation of Sulfadiazine Sulfa Drug by Potassium Permanganate in Acetate Buffer. Indian Journal of Science and Technology.2026.19 (11):pp.768-783. DOI: 10.17485/IJST/v19i11.1868	<a href="#">URL</a>
72	Pushpanjali Saini, Anubha Jain, Vaishali Singh. Scalable Cloud-Based Implementation of the Mutant-Driven Test Sequence Optimization (MDT-TSO) Framework for Small and Medium-Scale Industries. Indian Journal of Science and Technology.2026.19 (11):pp.784-798. DOI: 10.17485/IJST/v19i11.2045	<a href="#">URL</a>
73	Farida C Jamolod., Joryn Cinco Ramo. Effects of Computer-Aided Instruction on the Chemistry Performance of the Students. Indian Journal of Science and Technology.2026.19 (11):pp.799-809. DOI: 10.17485/IJST/v19i11.240	<a href="#">URL</a>
74	Shwetal Chaudhari, Kamal Shah, Pandharinath Ghonge. A Data-Driven Framework for Enhancing Outcome-Based Teaching, Learning, and Assessment Using Learning Analytics and Intelligent Dashboards in Higher Education. Indian Journal of Science and Technology.2026.19 (11):pp.810-819. DOI: 10.17485/IJST/v19i11.263	<a href="#">URL</a>
75	Santosh Saklani, Anshul Kalia, Sumesh Sood. A Hybrid CNN–LSTM Approach for Predicting Software Vulnerability Exploitability. Indian Journal of Science and Technology.2026.19 (12):pp.820-829. DOI: 10.17485/IJST/v19i12.151	<a href="#">URL</a>
76	Himanshi Dahiya, Jitender Singh Laura, Geeta Dhanika. Annual Performance Assessment of a Vertical Constructed Wetland for University Campus Wastewater Treatment. Indian Journal of Science and Technology.2026.19 (12):pp.830-836. DOI: 10.17485/IJST/v19i12.188	<a href="#">URL</a>
77	K V Leena, K Chitra. Hybrid Machine Learning Framework for Agricultural Data Collection and Preprocessing for Crop Yield Prediction. Indian Journal of Science and Technology.2026.19 (12):pp.837-850. DOI: 10.17485/IJST/v19i12.236	<a href="#">URL</a>

78	Sena Apeke, Titembaye Djiraikinan, Mohamed Barate. Phishing detection by Transformers: Adversarial Robustness and Cross-Lingual Generalization. Indian Journal of Science and Technology.2026.19 (12):pp.851-860. DOI: 10.17485/IJST/v19i12.51	<a href="#">URL</a>
79	Seema Bhardwaj, Varsha Rani. Relationship Between Social Media Addiction and Anxiety, Depression, and Loneliness among Young Adults in India. Indian Journal of Science and Technology.2026.19 (12):pp.861-867. DOI: 10.17485/IJST/v19i12.71	<a href="#">URL</a>
80	S Selvakumari, M Durairaj. Real-Time ECG Image Classification Using GA-PSO Optimized CNN-LSTM Model Trained on PTB-XL Dataset. Indian Journal of Science and Technology.2026.19 (13):pp.868-875. DOI: 10.17485/IJST/v19i13.393	<a href="#">URL</a>
81	S Ganapathy, S Ramanathan, R Ashok Gandhi, V Ananthi. Investigations on Cytocompatibility and In Vitro Corrosion Evaluation Stir-Cast Mg-1Sn-xHA Composites for Orthopaedic Applications. Indian Journal of Science and Technology.2026.19 (13):pp.876-886. DOI: 10.17485/IJST/v19i13.98	<a href="#">URL</a>
82	Resmi C Panicker. Changing Land Use, Land Cover and Climate: The Significance of Social Capital in Disaster Resilience in Kerala. Indian Journal of Science and Technology.2026.19 (13):pp.887-895. DOI: 10.17485/IJST/v19i13.421	<a href="#">URL</a>
83	Uendra Bhatt, Prakash Biswakarma. Co-seismic Landslide Susceptibility Assessment Using a Modified Newmark Model: A Case Study of the 2016 Mw 6.7 Imphal Earthquake. Indian Journal of Science and Technology.2026.19 (13):pp.896-903. DOI: 10.17485/IJST/v19i13.462	<a href="#">URL</a>
84	H B Pramod, D Suresha. Machine Learning-Based Prediction System for Optimizing Underwater Wireless Sensor Networks. Indian Journal of Science and Technology.2026.19 (13):pp.904-917. DOI: 10.17485/IJST/v19i13.127	<a href="#">URL</a>
85	S Vimala, G Arockia Sahaya Sheela. MARLIN-X: Margin-Based Feature Selection and Rule Distillation using Mosaic Patch Migration Optimization for Academic Performance Prediction. Indian Journal of Science and Technology.2026.19 (14):pp.918-930. DOI: 10.17485/IJST/v19i14.413	<a href="#">URL</a>
86	Devyani Suresh Mahale, Vidya Kawtikwar. SmartVulNet: A Comparative Analysis of Deep Learning Models for Smart Contract Vulnerability Detection Using Visual Bytecode Representation. Indian Journal of Science and Technology.2026.19 (14):pp.931-940. DOI: 10.17485/IJST/v19i14.306	<a href="#">URL</a>
87	Namburi Nireekshana. Smart Energy Assessment in Educational Institutions Using Machine Learning Approaches. Indian Journal of Science and Technology.2026.19 (14):pp.941-952. DOI: 10.17485/IJST/v19i14.189	<a href="#">URL</a>
88	A Alagappa Moses, T Rakesh Sharma. Drainage Morphometry-Based Prioritization of Sub-Watersheds in the Kalrayan Hills (India): Morphometric Characterization, Statistical analysis, and CF-WSA Ranking. Indian Journal of Science and Technology.2026.19 (14):pp.952-962. DOI: 10.17485/IJST/v19i14.276	<a href="#">URL</a>
89	M Gayathri Mariammal, K Thanikasalam, C Pragathiswaran, K Selvarani, G Thulasi. Biomedical Potential of Titanium-Coated Nanocomposites Explored Through Experimental and Electrochemical Analysis. Indian Journal of Science and Technology.2026.19 (14):pp.963-972. DOI: 10.17485/IJST/v19i14.30	<a href="#">URL</a>
90	Lourence R. Villaluz, Jeffrey A Co. Automated Salted Egg Production: An Arduino-Based System for Optimized Salting and Temperature Control. Indian Journal of Science and Technology.2026.19 (15):pp.973-981. DOI: 10.17485/IJST/v19i15.231	<a href="#">URL</a>
91	Praveen Kumar Chandel, Ruchika Sharma, Chandra Prakash Gharu. Batch Adsorption Study for the Removal of Heavy Metal Ions Using Citrullus colosynthis Seed Starch-Based Resin. Indian Journal of Science and Technology.2026.19 (15):pp.982-989. DOI: 10.17485/IJST/v19i15.384	<a href="#">URL</a>
92	Jiwan Kinkar Shriramji, Nidhi Dixit. Effect of Chi Pendant 4 on Electroencephalographic Activity During Electromagnetic Field Exposure: A Crossover Study in Healthy Adults. Indian Journal of Science and Technology.2026.19 (15):pp.990-997. DOI: 10.17485/IJST/v19i15.3610	<a href="#">URL</a>
93	Prithviraj P. Andhale, Kamal Shah, Sunny Sall. A LangGraph-Orchestrated Multimodal Framework for Real-Time, Persona-Aware Travel Planning Using LLMs and Hallucination Resistant RAG-Based Itinerary Optimization. Indian Journal of Science and Technology.2026.19 (15):pp.998-1006. DOI: 10.17485/IJST/v19i15.115	<a href="#">URL</a>

94	Samar Medhi, Prasanta Bhattacharya, Rahul Kalita, Dipankar Das. Assessing Status and Area, Production and Productivity of Fruits and Vegetables in Goalpara District of Assam, India, Using Compound Growth Rate (CGR). Indian Journal of Science and Technology.2026.19 (15):pp.1007-1016. DOI: 10.17485/IJST/v19i15.333	<a href="#">URL</a>
95	Prashant Vaishnav, Amit Kumar Saxena. Enhancing Crop Health and Early Detection of Tomato Leaf Diseases Using Deep Learning Techniques. Indian Journal of Science and Technology.2026.19 (15):pp.1017-1028. DOI: 10.17485/IJST/v19i15.218	<a href="#">URL</a>
96	K Soumya, P Joseph Charles, S Kavitha. A Hybrid Hierarchical Deep Learning Framework with Multi-Level Feature Fusion for Handwriting-Based Learning Disability Detection. Indian Journal of Science and Technology.2026.19 (16):pp.1029-1038. DOI: 10.17485/IJST/v19i16.432	<a href="#">URL</a>
97	Srushtee Jagtap, Vinit Swami, Vasanthi Swami, Veera Bhosale, Shrushti Bapat, Ankita Pawar. Efficiency of Clear Aligners for Intrusion of Teeth: A Systematic Review. Indian Journal of Science and Technology.2026.19 (16):pp.1039-1046. DOI: 10.17485/IJST/v19i16.176	<a href="#">URL</a>
98	Nomula Ashok, T Judgi. A Secure and Scalable Cloud Data Framework Using Key-Aggregate Encryption and Optimization-Based Routing. Indian Journal of Science and Technology.2026.19 (16):pp.1047-1054. DOI: 10.17485/IJST/v19i16.424	<a href="#">URL</a>
99	Snehal Sarangi, Jitendra Ku Rout, Subhasis Das. Enhancing Sentiment Classification with Stacked Ensembles and Differential Evolution: An Empirical Study on Ukraine Conflict Tweets. Indian Journal of Science and Technology.2026.19 (16):pp.1055-1028. DOI: 10.17485/IJST/v19i16.1594	<a href="#">URL</a>
100	B L Thejashwini, H S Nagendraswamy, H Keerthana, M Somanna. Improving Document Element Detection Through Single and Two Stage Model Integration. Indian Journal of Science and Technology.2026.19 (16):pp.1055-1028. DOI: 10.17485/IJST/v19i16.304	<a href="#">URL</a>
101	Rolando R Codilan. Predicting Success in Introductory Computing Course using Senior High School Specialized and Applied Coursework Data. Indian Journal of Science and Technology. 2026.19 (16):pp.1085-1092. DOI: 10.17485/IJST/v19i16.499	<a href="#">URL</a>
102	Jesus M Meneses III. AI Literacy and Ethical Awareness: A Study on Educators' Preparedness for Responsible AI Use. Indian Journal of Science and Technology. 2026.19 (17):pp.1093-1100. DOI: 10.17485/IJST/v19i17.523	<a href="#">URL</a>
103	K Vishnuvardhan, R Praveen Kumar. Brain Tumor Identification Through Convolutional Neural Networks in Machine Learning: A Framework with Streamlit. Indian Journal of Science and Technology. 2026.19 (17):pp.1101-1110. DOI: 10.17485/IJST/v19i17.1768	<a href="#">URL</a>
104	Alageri Lingappa, Shivaleela Basavaraj, J Thipperudrappa, S M Hanagodimath. Experimental and Computational Studies on Photophysical Properties of Coumarin 4-(4-Methoxy-Phenoxymethyl)-5, 7-Dimethyl-Chromen-2-One by Solvatochromic Approaches. Indian Journal of Science and Technology. 2026.19 (17):pp.1111-1122. DOI: 10.17485/IJST/v19i17.342	<a href="#">URL</a>