GBU Research Publications from December 2025 to February, 2026

S.No	Title of the Article	Author	Journals Name	Volume	Issue	Year	DOI
1	Segmental body BIA device development for fracture detection	Brajesh K.; Aldobali M.; Pal K.; Khan M.	Scientific Reports	15	1	2025	10.1038/s41598-025-28403-w
2	Impact of drain and source engineering on dual metal InAs-GaSb VTFETs with high-K gate stack design	Saravanan M.; Parthasarathy E.; Rahi S.B.; Natarajan R.	Scientific Reports	15	1	2025	10.1038/s41598-025-28448-x
3	ROLE OF P300 EVENTRELATED POTENTIAL (ERP) IN NEUROPSYCHIATRIC CONDITIONS	Manocha L.; Varshney A.; Singh A.P.	The Routledge International Handbook of Neurocognitive Rehabilitation: Practices, Innovations, and Future Directions			2026	10.4324/9781003646662-6
4	Advanced predictive modelling of urban expansion and land surface temperature dynamics using multi-scale machine learning approaches	Bindajam A.A.; Mallick J.; Hang H.T.; Singh C.K.	Advances in Space Research	77	2	2026	10.1016/j.asr.2025.10.080
5	Integrating ensemble machine learning and SAR-based geospatial modelling for inclusive and equitable urban flood resilience	Mallick J.; Hang H.T.; Das A.; Poddar S.; Singh C.K.	Sustainable Cities and Society	137		2026	10.1016/j.scs.2026.107158
6	Isolation of Multi Stress Tolerant Yeast for Ethanol Production at Elevated Temperature	Pal U.; Saifi R.; Pal S.; Vij S.	Journal of Scientific and Industrial Research	84	10	2025	10.56042/jsir.v84i10.4499
7	2D MXenes: high-performance supercapacitors for future energy systems	Tripathy D.B.; Pradhan S.; Agarwal P.; Goyal D.	Sustainable Energy and Fuels	10	2	2026	10.1039/d5se01308a
8	A Load Frequency Control in the Two-Area Power System Network for the Measurement and Analysis of Various Performance Parameters Using h-GO-NN Controller Under Different Conditions	Rana A.S.; Singh O.; Vishwakarma C.B.	Mapan - Journal of Metrology Society of India	41	1	2026	10.1007/s12647-025-00882-2
9	Reno-protection by Didymocarpus pedicellata against oxalate-induced damage: mechanistic insights into mitigation of oxidative stress induced signaling pathways in renal cell line and rat model	Singh A.; Kumari K.; Tandon S.; Kaur T.; Tandon C.	Urolithiasis	53	1	2025	10.1007/s00240-025-01794-1
10	Smokeless tobacco mediated alterations on the prevalence of oral pathogens and interactions of tobacco-specific nitrosamines (TSNAs) with host proteins	Sajid M.; Joshi L.; Shakya S.; Bharadwaj M.	Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology	38	1	2026	10.1016/j.ajoms.2025.07.010
11	Uncovering functional divergence and cellular clusters with specific gene signatures in HNSCC clonal spheroids	Pandey J.; Malik M.Z.; Shyanti R. K.; Parashar P.; Kujur P.K.; Mishra D.; Tailor D.; Lee J.M.; Kataria T.; Gupta D.; Verma H.; Yadav A.; Kateriya S.; Malhotra S.V.; Tandon V.; Chaturvedi R.; Singh R.P.	Cell Communication and Signaling	23	1	2025	10.1186/s12964-025-02360-3
12	Comprehensive investigation of the THz response of undoped and 0.03 wt% Fe-doped LiNbO3 single crystals using THz-time domain spectroscopy and Lorentz DHO model	Kumar L.; Singh G.; Bhatt R.; Soharab M.; Bhaumik I.; Roy Chowdhury D.; Singh M.; Gautam C.; Jewariya M.	Materials Science in Semiconductor Processing	201		2026	10.1016/j.mssp.2025.110072

13	Estimation of PM2.5 concentrations using satellite-derived aerosol metrics over an Indian summer monsoon region	Singh A.; Srivastava A.K.; Singh S.; Singh V.; Pathak V.; Anand R.; Singh N.; Choudhary A.	Physics and Chemistry of the Earth	142		2026	10.1016/j.pce.2025.104264
14	Design and evaluation of novel 1-(5-Isoquinolinesulfonyl) piperazine derivatives as potential Mycobacterium tuberculosis IMPDH Inhibitors: A comprehensive molecular modelling study	Nyijime T.A.; Shallangwa G.A.; Uzairu A.; Umar A.B.; Ibrahim M. T.; Chandra A.; Singh N.	Scientific African	30		2025	10.1016/j.sciaf.2025.e03043
15	Valorizing Waste: The Role of Biorefineries and Bioproducts in the Circular Economy	Pandey K.; Kumar S.; Singh P.; Singhal B.; Verma S.	Valorizing Waste: The Role of Biorefineries and Bioproducts in the Circular Economy			2026	10.2174 /9798988118911250101_2
16	Tracing potential sources of hazardous contaminants, Fluoride, Nitrate, and Uranium, using an extended PCA-PMF statistical approach for the Semi-Arid Eastern Plains of Rajasthan, India	Garg V.; Kumar R.; Singh C.K.; Kumar A.	Cleaner Water	4		2025	10.1016/j.clwat.2025.100131
17	Unveiling therapeutic potential: In Silico discovery of prognostic markers and potential inhibitors for TGFÃŸR1 in pancreatic cancer	Singh S.; Gupta H.; Sinha S.; Kaushik A.C.; Kapoor S.; Awasthi A.K.; Qamar I.; Sahi S.	Computational Biology and Chemistry	120		2026	10.1016/j.compbiolchem. 2025.108646
18	In silico meta-analyses for putative biomarkers associated with Renal Cancer	Bhardwaj A.; Ashra H.	Research Journal of Biotechnology	21	2	2026	10.25303/212rjbt2860292
19	Impact of urban density on human well-being and sustainable development in Delhi, India	Avtar R.; Ahmad S.; Rahman M. M.; Alsulamy S.; Meraj G.; Sethi M.; Singh C.K.; Kharrazi A.	Scientific Reports	15	1	2025	10.1038/s41598-025-16033-1
20	Diagnostic Study of Monsoon-Linked Rainfall Events: Unraveling the Role of Monsoon Low Pressure Systems across the Indian Subcontinent	Lohan N.; Pattanaik D.R.; Kumar S.; Giri R.K.	Earth Systems and Environment	9	4	2025	10.1007/s41748-025-00706-y
21	Impact of Processing on Millets: A Pathway To Improved Nutrition and Functionality	Singh H.; Chaturvedi S.; Sandhu K. S.; Toor B.S.; Sharma V.	Current Nutrition Reports	14	1	2025	10.1007/s13668-025-00715-3
22	Modelling and Optimization of Silica Extraction from Perlite Using RSM, ANN, and NSGA-II Techniques	Goyal D.; Sharma M.; Singh D.; Pal R.; Malpani S.K.	Silicon	17	18	2025	10.1007/s12633-025-03520-3
23	Expanded Electrochemical Stability Window (âˆ¼3.0 V) of Ni-Doped FeS2/WS2 Hybrid Nanocomposite-Based Supercapacitor Electrode Using Water-In-Salt Electrolyte	Kumar R.; Maity G.; Keshari A.K.	Energy Technology	14	2	2026	10.1002/ente.202502656
24	Smart farming development integrating IoT-based solutions	Indu	Transforming Agriculture with Emerging Technologies for a Sustainable Future			2026	10.1201/9781003494782-8
25	EW YOLO: Edge Computing IoT and YOLOv11 Setup for E-Waste	Rai S.; Chawla R.; Vashishath M.; Fortino G.	Applied Sciences (Switzerland)	16	4	2026	10.3390/app16042152
26	Numerical modeling of a dual-coated photonic crystal fiber SPR sensor for wide-range RI detection	Kumar, Sudhir ; Kumar, Dilip ; Rahi, Shiromani Balmukund	Engineering Research Express	8	4	2026	10.1088/2631-8695/ae4456
27	Hindi Poetry Translation Using Neural Machine Translation	Tewari P.; Baghel A.S.	Journal of Computer Science	22	1	2026	10.3844/jcssp.2026.360.366
28	An Open-Access Framework for Optimizing Plasmonic Nanoparticle-Based Sensors in Biomedical Applications	Singh A.; Shishodia M.S.	Journal of Electronic Materials	55	1	2026	10.1007/s11664-025-12498-y

29	Hybrid BiLSTM-WOC for Stock Market Prediction: A High-Precision Deep Learning Approach	Tomar N.; Pal R.; Tomar S.Y.	Lecture Notes in Networks and Systems	1722 LNNS		2026	10.1007/978-3-032-10756-5_29
30	Heavy Metal Accumulation on the Roadside Plant Species with Ethnobotanical Significance and Human Health Risk Assessment: A Case Study of a Major Highway Near the Coal Capital of India	Rahul J.; Jain M.K.; Raj B.; Sharma M.; Shankar S.; Naz A.; Chowdhury A.	International Journal of Environmental Research	20	1	2026	10.1007/S41742-025-01040-X
31	Influence of yttria doping on the structural properties of nano-crystalline yttria stabilized zirconia	Gothwal P.; Singh F.; Chauhan V.; Joshi B.	Applied Physics A: Materials Science and Processing	132	2	2026	10.1007/s00339-025-09275-3
32	Heart Disease Prediction: Nature-Inspired and Machine Learning Methods	Gautam S.; Ray V.K.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11468947
33	Hybrid Grasshopper Algorithm Enhanced by a Self-Organizing Logistic Operator for Engineering Optimization	Chand N.; Singh D.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11468979
34	Controlling Stemness in 2D and 3D Models of Triple-Negative Breast Cancer Using a Ruthenium(II) Arene Complex	Kumar V.; Yadav A.; Pal Singh Chauhan N.; Malpani P.; Agnihotri N.; Sharma A.K.; Kumar V.	ChemistrySelect	11	1	2026	10.1002/slct.202504410
35	Bridging Ancient Buddhist Wisdom and Modern Psychology: A Critical Review of Mindfulness-Based Interventions	Meshram Manish & Nirvani Meshram	International Journal of Innovative Research in Technology	12	7	2025	IJIRT 188883
36	Mindfulness and Emotional Intelligence: Combined Effects on Mental Health and Resilience,	Meshram Manish	Journal of Emerging Trends and Novel Research			2025	IJNRD2504068
37	Enhancing Customer Segmentation Using LRFA: A Data Driven Approach to Revenue-Based Online Shopper Analysis	Yadav G.; Ray V.K.; Goyal P.	Lecture Notes in Networks and Systems	1795 LNNS		2026	10.1007/978-3-032-15404-0_32
38	In silico insights into microplastic additive toxicity: Risks of pulmonary fibrosis and endocrine disruption	Shivangi K.; Muyal J.P.; Mishra A.; Shankar S.	Indian Journal of Biochemistry and Biophysics	63	1	2026	10.56042/ijbb.v63i1.23024
39	Efficient Incremental Multi-Fidelity ML-Surrogate-Integrated Hybrid Optimization for Multiobjective Problems	Agrawal, Niraj ; Pal, Raju ; Singh, Rajendra Bahadur	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11468991
40	A Comprehensive Review on Solar PV Microgrid Systems for Optimal Operations and Sustainability	Philip J.; Ansari M.A.; Rihan M.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11468948
41	Effect of traditional and non-traditional energy sources on SDG 7.1 access to affordable, reliable, sustainable and modern energy: study of BRICS nations	Yadav R.; Anand S.; Singh K.	Organizational Resilience and Leadership issues in the dynamic era			2026	10.4324/9781003725084-84

42	A Detailed Performance Analysis of Deepfake Detection Approaches Across Diverse Datasets	Pandey, Pawan ; Solanki, Arun ; Sharma, Sanjay Kumar	Lecture Notes in Networks and Systems	1691 LNNS		2026	10.1007/978-981-95-3671-9_28
43	Evaluating Machine Learning Models for Diabetes Prediction: A Comparative Study Using Distinct Datasets	Chaudhary A.; Solanki A.	Lecture Notes in Networks and Systems	1691 LNNS		2026	10.1007/978-981-95-3671-9_47
44	Short-Term Renewable Energy Forecasting Methods Using Artificial Neural Networks: A Comprehensive Review	Singh R.; Singh O.	Studies in Computational Intelligence	1240		2026	10.1007/978-3-032-06732-6_5
45	A Hybrid Quadratic Self-Organizing Migrating Grasshopper Algorithm for Continuous Optimization	Singh D.; Chand N.	Lecture Notes in Networks and Systems	1520 LNNS		2026	10.1007/978-981-96-8987-3_18
46	LLM-Based Efficient Framework for Dense Video Captioning	Yadav S.; Sharma V.	Lecture Notes in Networks and Systems	1493 LNNS		2026	10.1007/978-981-96-8399-4_33
47	LSTM Credibility in Stock Market Prediction	Kumar M.; Singh N.; Kumar N.	Lecture Notes in Networks and Systems	1690 LNNS		2026	10.1007/978-3-032-08859-8_30
48	Distilling Deep Learning forÂ theÂ Field: Lightweight Plant Disease Diagnosis viaÂ ResNet-50 toÂ MobileNetV2 Transfer	Sharma V.; Pal R.	Lecture Notes in Networks and Systems	1797 LNNS		2026	10.1007/978-3-032-15410-1_17
49	Simulation of Heatwave Event using WRF Model across Uttar Pradesh, India	Kumari N.; Singh N.; Panda B.; Singh V.; Kumar N.; Lohan N.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11468976
50	Structural insights into polyethylene terephthalate (PET)-degrading archaeal lipase enzyme: An insilico approach	Puri P.; Pandey K.; Khuman A.B.; Kumar S.; Mehtab S.; Chaudhary B.; Singhal B.	Bioremediation Journal	30	1	2026	10.1080/10889868.2024.2404880
51	Towards Safer Smart Contracts: A Transformer-Based Approach to Multiclass Vulnerability Detection	Vats N.; Dinker A.G.	Lecture Notes in Networks and Systems	1796 LNNS		2026	10.1007/978-3-032-15407-1_3
52	Apple Foliar Leaf Disease Detection Using Machine Learning	Kumar U.; Pal R.; Tomar S.Y.	Lecture Notes in Networks and Systems	1772 LNNS		2026	10.1007/978-3-032-14044-9_25
53	Automated Brain Tumor Segmentation and Classification Using Enhanced MRI Reconstruction via SwinMR	Sharma D.; Pal R.; Kinjal	Lecture Notes in Networks and Systems	1796 LNNS		2026	10.1007/978-3-032-15407-1_19
54	Bi-metallic transition metal nitrides-based gain-assisted nanomatryoshka for lasing and switching	Pathania P.; Shishodia M.S.; Katyal J.	Journal of Modern Optics	73	9	2026	10.1080/09500340.2026.2620463
55	CBAM-Enhanced Deep Learning System forÂ Pipelining Segmentation andÂ Classification ofÂ Pathologic Myopia	Pandey, Karan ; Ray, Vimlesh Kumar ; Goyal, Priyanka	Lecture Notes in Networks and Systems	1777 LNNS		2026	10.1007/978-3-032-14194-1_28
56	STYLISTICALLY-AWARE HINDI-ENGLISH POETIC TRANSLATION WITH MBART AND LLM-BASED POST-EDITING	Tewari P.; Baghel A.S.	Journal of Theoretical and Applied Information Technology	104	3	2026	10.5281/zenodo.18667066
57	Sentiment Analysis of Amazon Product Reviews and Its Impact on Sales Performance: A Data- Driven Approach	Kaushik A.; Bhati N.S.	Lecture Notes in Networks and Systems	1775 LNNS		2026	10.1007/978-3-032-14189-7_12
58	Sentiment Analysis of Gaming Related Tweets Using a Hybrid Deep Learning Approach	Agnihotri A.; Singh R.B.	Lecture Notes in Networks and Systems	1690 LNNS		2026	10.1007/978-3-032-08859-8_17

59	ColdStartNet: A Hybrid Stacked Model for Proactive Cold Start Latency Prediction in Cloud & Edge Computing	Sharma Y.; Baghel A.S.	Lecture Notes in Networks and Systems	1773 LNNS		2026	10.1007/978-3-032-14197-2_30
60	Comparative analysis of body parameters for fracture and post-healing patient using a non-invasive bioimpedance device	Brajesh K.; Aldobali M.; Pal K.; Khan M.	Scientific Reports	16	1	2026	10.1038/s41598-026-37336-x
61	Comparative transcriptome analysis reveals ABI3/VP1-WRKY25-STR1 regulatory module linking specialized metabolism with root system development and stress response in Rauvolfia serpentina	Tyagi S.; Singh B.; Singh M.; Gupta V.	BMC Genomics	27	1	2026	10.1186/s12864-026-12565-6
62	Comprehensive Analysis of Design Parameters, Configurations, and Energy Management in Autonomous Unified Distributed Generation Systems	Chaturvedi S.; Singh O.; Kushwaha P.K.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469028
63	Artificial Intelligence-Powered Intrusion Detection Framework with Class Imbalance Mitigation for Accuracy Performance Enhancement	Chandrashekar P.; Sharma B.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469134
64	Brain Tumor Detection, Feature Extraction & Classification Using AI Techniques: A Review	Rituja; Ansari M.A.; Singh J.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469129
65	Chronic Kidney Disease Prediction and Preventive Recommendation using Machine Learning	Sharma M.; Sharma S.; Sharma S. K.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11468882
66	Comparative Analysis of XGBoost and LightGBM Models for Glucose Metabolism Disorder Prediction Using IQR-Based Data Preprocessing	Singla D.; Mehla R.; Dureja E.; Shipra; Khurana S.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469171
67	Recent Trends of CNN in Medical Imaging: A Comprehensive Analysis	Tyagi C.; Ansari M.A.; Usmani H.; Yadav R.K.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469172
68	Recent Scenario of Automatic Generation Control in Interconnected Power System	Lal M.; Singh O.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469044
69	Real-Time Vision Models for Public Safety and Accessibility on Low-Resource Devices	Prasad H.; Dinker A.G.; Singh R.K.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11468963
70	Revolutionizing Heart Disease Prediction with Hybrid Machine Learning Models	Dagar V.; Solanki A.	Lecture Notes in Networks and Systems	1690 LNNS		2026	10.1007/978-3-032-08859-8_28

71	LTI Discrete Systems Order Reduction Based on SSOA and Dominant Pole Retention Method	Singh B.; Singh N.; Singh D.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11468925
72	Li-Ion Battery Characteristic Analysis with the Help of Rint Equivalent Circuit Model	Sharma, Reena ; Pal, Kirti	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469027
73	Determining Battery State of Health and Remaining Useful Life Using I-XGBoost and Explainable AI Techniques	Dev T.; Dinker A.G.	Lecture Notes in Networks and Systems	1792 LNNS		2026	10.1007/978-3-032-15401-9_12
74	Improved Paddy Leaf Disease Detection Model Using Machine Learning	Gour A.; Goyal P.; Ray V.K.	Lecture Notes in Networks and Systems	1796 LNNS		2026	10.1007/978-3-032-15407-1_2
75	A Systematic Review of Human Well-Being in Energy-Efficient Design: Coherences and Contradictions	Saquib M.; Agarwal M.	Unlocking Zero: An Architectâ€™s Guide to Net-Positive Built Environment			2026	10.67509/asrh7267
76	A review of security threats and privacy issues in federated learning	Agrahari A.K.; Dinker A.G.; Singh R.B.	International Journal of Data Science and Analytics	22	1	2026	10.1007/s41060-026-01067-z
77	Multi Objective Approach Using Genetic Programming forÂ Data Classification	Chauhan, Naveen ; Bhardwaj, Arpit	Lecture Notes in Networks and Systems	1711 LNNS		2026	10.1007/978-3-032-10667-4_29
78	Decoding Non-Neuronal Mechanisms and Therapeutic Targets in Huntingtonâ€™s Disease Through Integrative Transcriptomics and Machine Learning	Gupta, Himanshi ; Singh, Samvedna ; Kaushik, Aman Chandra ; Awasthi, Amit K. ; Sahi, Shakti	Journal of Molecular Neuroscience	76	1	2026	10.1007/s12031-025-02463-z
79	Enhanced Software Bug Prediction Using Ensemble Learning and Genetic Algorithm-Based Feature Selection	Gupta N.A.; Pal R.; Gupta H.A.	Lecture Notes in Networks and Systems	1772 LNNS		2026	10.1007/978-3-032-14044-9_29
80	Design and Implementation of iQSCR-DE-MADDPG Routing Protocol for FANETs	Dev P.; Singh N.; Kumar N.	Lecture Notes in Networks and Systems	1794 LNNS		2026	10.1007/978-3-032-15398-2_22
81	AI Driven Early Warning System for Brain Stroke Risk	Kaur S.; Khurana S.; Sharma V.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11468921
82	Modeling of Nonholonomic Differential-Drive Robots for Control and Navigation	Singh J.; Singh N.; Dewan L.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469043
83	Nanonizing bioactives: precision chemistry for next-gen therapeutics	Biswas P.; Desai B.M.A.; Ghosh S.; Banerjee B.; Verma D.; Kathirselvam M.; Chauhan S.; Gupta P.K.	Discover Materials	6	1	2026	10.1007/s43939-026-00542-5
84	AI-Driven Deep Learning for Real-Time DDoS Detection in Software-Defined Networks	Kumar S.; Singh S.K.; Kumar R.; Sainy S.K.; Naveen; Yadav A.K.; Gill S.S.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469138
85	AO Modelling for Load Balancing in Cloud Environment with Comparative Study	Tyagi, Shreya ; Singh, Neeta ; Kumar, Naresh	Lecture Notes in Networks and Systems	1775 LNNS		2026	10.1007/978-3-032-14189-7_1

86	Development of a Real-Time Multi Modal Sensor for Field Based Microplastic Detection	Upadhayay S.; Bhadaurya V.; Singh Y.; Dwivedi V.; Singh Y.; Sharmishtha	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469066
87	Adaptive Task-Based CPU Scaling forÂ Efficient Power Allocation inÂ Edge Computing	Kushwaha, Ashish ; Pal, Raju	Lecture Notes in Networks and Systems	1772 LNNS		2026	10.1007/978-3-032-14044-9_28
88	Crime Prediction and Forecasting in India Using Hybrid Machine Learning and Deep Learning Techniques	Vikram S.; Solanki A.	Lecture Notes in Networks and Systems	1699 LNNS		2026	10.1007/978-3-032-09825-2_37
89	Evaluating YOLOv12 and RT-DETR for Robust Brain Tumor Detection in MRI Scans	Yadav S.; Saini I.; Sharma V.; Shah R.R.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469150
90	Detection ofÂ Luekemia withÂ Microscopic Image Using ML Techniques	Prasad S.; Bhati N.S.	Lecture Notes in Networks and Systems	1691 LNNS		2026	10.1007/978-981-95-3671-9_33
91	Disentangling Style - A Supervised Factorized VAE for Controllable Polyphonic Music Generation	Sharma B.; Baghel A.S.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469113
92	GLAD-ViT: Globalâ€“Local Attention Duality in Vision Transformers for Deepfake Detection	Pandey P.; Solanki A.; Sharma S.K.	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	43	2	2026	10.1080/02564602.2026.2621327
93	Design and Comparative Analysis of Different Compensation Techniques for EV Charging	Kumar P.; Ansari M.A.; Agrawal R.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469135
94	Ensemble-Based Deep Learning Framework for Detecting Deepfake Images and Videos	Singh S.; Kumar R.; Rai A.; Kushwaha A.; Baghel A.S.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11468972
95	Identification of Unknown Malware: An Advanced Machine Learning Approach Using Grey Wolf Optimization	Attiuttama; Sharma S.K.; Yadav S. P.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469169
96	The social and economic impact of startups in the FinTech industry in India	Vivekanand; Anand S.	Organizational Resilience and Leadership issues in the dynamic era			2026	10.4324/9781003725084-74
97	Green Synthesis of Aliphatic Esters Using Acid-Treated Perlite Catalysts under Microwave Irradiation: Optimization and Mathematical Modelling Using RSM	Sharma M.; Malpani S.K.; Singh D.; Goyal D.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11469165
98	Water Leakage Detection Using AI-IoT in the Pipeline	Mall A.; Sharma V.; Verma G.	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics, IC3ECSBHI 2026			2026	10.1109/IC3ECSBHI67834.2026.11468905