List of Accepted Papers

ICCTE-2023

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17	RDF Statement Generation using Soft Attention based Hybrid ResNet-Bidirectional Long Short Term Memory Model (SAtRes_BiLSTM)	Rubaya Khatun (Raiganj University)*; Arup Sarkar (Raiganj University)
18	Evaluating the Tri-Script Writer Verification System Using a Handcrafted Features and Vision Transformer Learning Approach	Jaya Paul (Jadavpur University)*
21	Wildlife detection using ANN and other modern technology: A survey of literatures	Priyodarshini Dhar (Motorola Solutions)*; Rakesh Kr Mandal (University of North Bengal)
24	Federated Learning to Speed Up Pre-processing of Large Data Sets	Nandan Banerji (Sikkim Manipal Institute of Technology, SMU)*; Lhamu Sherpa (Sikkim Manipal Institute of Technology, SMU)
28	MOODBYTBLB: Impact of Covid-19 among Indians: A Sentiment Analysis Using Textblob	Sanchita Neogi (The University of Burdwan)*; Rahul Karmakar (The University of Burdwan)
29	A Novel Charotar Region Wheat Variety Classification Technique using Purely Tree-based Data Mining Algorithms	Mayurkumar P Raj (College of Agricultural Information Technology); Dr. Jatinderkumar R. Saini (Symbiosis Institute of Computer Studies and Research, Symbiosis International (Deemed University), Pune)*
38	Flood Susceptibility Zonation using Geospatial Frequency Ratio and Artificial Neural Network techniques within Himalayan Terai Region: A Comparative Exploration	Deepanjan Sen (Dr. B. C. Roy Academy of Professional Courses, Durgapur)*; Swarup Das (University of North Bengal); SUMON DEY (Department of Computer Science and Technology, University of North Bengal); Arindam Sarkar (Ramakrishna Mission Vidyamandira, Belur Math)
40	Design of An Application Authentication Framework to Secure Controller Access via Northbound Interface in SDN	Tinku Adhikari (Mizoram University)*; Ajoy Kumar Khan (Mizoram University); Malay Kule (Indian Institute of Engineering Science and technology, Shibpur)

45	Enhancing Learning Outcomes Through the Use of Conducive Learning Spaces	Yogesh K Mali (G.H.Rasoni College of Engineering)*; Vijay U. Rathod (MET's Institute of Engineering, Adgaon Nashik); Nilesh Sable (BRACT's Vishwakarma Institute of Information Technology, Pune)
48	Implementation of Digital Healthcare for Improving Maternal Care: A Systematic Review	Sarika Kumari Shaw (Raiganj University)*
49	Combination of Sidechain-Based Query Optimization and the Token-Based Round-Robin Consensus Algorithm in Blockchain Technology for Online Education	Soumen Mondal (The University of Burdean)*; Sunil Karforma (The University of Burdwan); Anirban Panja (The University of Burdwan)
54	Denoising audio signal for restoring audible quality in Wireless Acoustic Sensor Network (WASN)	Utpal Ghosh (Vidyasagar University); Uttam Kr. Mondal (Vidyasagar University)*
55	Designing a Context-aware Virtual Machine (CWVM) to Enhance Data Integration in Pervasive Wireless Sensor Networks (PWSN)	Sushovan Das (College of Engineering & Mgmt, Kolaghat, W.B.); Uttam Kr. Mondal (Vidyasagar University)*
56	Recognition and Classification of Indian Sign Language	Wasif Ansari (Jadavpur University); Sourav Mandal (XIM University)*; Rohini Basak (Jadavpur University)
59	Video Content Analysis and Classification Based on Human Activity Recognition	Hari K.C. (kathmandu University)*; Manish Pokharel (Kathmandu University); Sushil Shrestha (Kathmandu University)
62	Smart Diagnosis using Symptoms for Seeking a Specialist Doctor	Bidyut Das (Haldia Institute of Technology, West Bengal)*; Rishu Kumar (Haldia Institute of Technology, West Bengal)
63	Location-Based Recommendation System for Accommodations Using Google-API.	Thiyuni Siyathma Robertson (University of Kelaniya)*; Muditha Tissera (Sri Lanka Institute of Information Technology)
65	Energy Efficient Lossless Audio Encoder for IoT Enable devices	Sushovan Das (College of Engineering & Mgmt, Kolaghat); Uttam Kr. Mondal (Vidyasagar University)*; BIBEK BIKASH ROY (VIDYASAGAR UNIVERSITY)
68	MythBuster: A Comparative Analysis of Few Machine Learning and Deep Learning Models for Fake News Detection	Barsha Pattanaik (XIM University); Pratyush Mukherjee (Jadavpur University); Sourav Mandal (XIM University)*; Rohini Basak (Jadavpur University); Rudra M Tripathy (XIM University)
71	SDN Enabled L2 Switch Implementation and its Performance Evaluation through P4 Programming	Sakar Pudasaini (Institute of Engineering, Pulchowk Campus, Tribhuvan University); Babu R Dawadi (Institute of Engineering, Pulchowk Campus,

		Tribhuvan University)*; Binod Sapkota (Institute of Engineering, Pulchowk Campus, Tribhuvan University); Giovanni Pau (Faculty of Engineering and Architecture, Kore University of Enna)
72	Machine Learning Based Expert System for Breast Cancer Prediction (MLESBCP)	Akhil K Das (Gour Mahavidyalaya)*; Dr. Saroj kr Biswas (NIT Silchar); Ardhendu Mandal (Associate Professor); Arijit Bhattacharya (Gour Mahavidyalaya); Debasmita Saha (University of Gour Banga)
77	Discrete-Time Realization of Fractional-Order Proportional Integral Derivative Controller Using Modified Ziegler-Nichols Method	Bhanita Adhikary (North-Eastern Hill University); JAYDEEP SWARNAKAR (North-Eastern Hill University)*
79	Position finding of Air-bone object with Dynamic Electro Optics using Triangulation.	Jayshankar Bharti (DRDO)*; Sourav Kaity (DRDO); Bishwapati Jana (Vidya Sagar University West Bengal); Aditya Vardhan (RGIPT Amethi UP)
80	Software Flow for Quantum Computing	Debjyoti Bhattacharjee (Imec); Amit Saha (University of Calcutta); Junde Li (Pennsylvania State University); Koustubh R Phalak (Pennsylvania State University); Avimita Chatterjee (Penn State University); Jay Pope (Pennsylvania State University); Swaroop Ghosh (Pennsylvania State University); Anupam Chattopdhyay (Nil)*
85	Unsupervised approach for Word Sense Disambiguation in Bengali	Ratul Das (Jadavpur University)*; Alok Ranjan Pal (Department of Computer Science and Engineering College of Engg. and Mgmt., Kolaghat, West Bengal, India); Diganta Saha (Jadavpur Uniuversity)
96	A Hybrid Method for Bengali Word Segmentation from Handwritten Copies of School Students	Moumita Moitra (National Institute of Technology Durgapur)*; Souvik Ganguly (Dr. B.C. Roy Engineering College); Sujan Kumar Saha (National Institute of Technology Durgapur)
97	Lie Detection Using Machine Learning: A Comprehensive Review and Future Prospective	DEBANIL CHANDA (UNIVERSITY OF NORTH BENGAL)*; Rakesh Kr Mandal (University of North Bengal)
99	ARU NET: Follicle Segmentation from Ultrasound Images of Ovaries Using Attention Residual U-NET Model	Debasmita Saha (University of Gour Banga)*; Ardhendu Mandal (Associate Professor); Saroj Kr. Biswas (NIT Silchar); Arijit Bhattacharya (Gour Mahavidyalaya); Akhil K Das (Gour Mahavidyalaya)
101	A Fertilizer Recommendation System Using an Assembly of Regressors Coupled with Nature-Inspired Optimization Algorithms	Uditendu Sarkar (National Informatics Centre, Ministry of Electronics and Information Technology, Government of India); Gouravmoy Banerjee (Ananda Chandra College, Jalpaiguri-735101,

		India); Indrajit Ghosh (Ananda Chandra College, Jalpaiguri-735101, India)*
109	Searching optimizers for Deep Learning based Hyperspectal image classification	Anish Sarkar (Vidyasagar University); Utpal Nandi (Vidyasagar University)*; Bachchu Paul (Vidyasagar University); Sudipta Kr Ghosal (Behala Government Polytechnic); Dr Moirangthem Marjit Singh (North Eastern Regional Institute of Science and Technology); Jyotsna Kumar Mandal (Kalyani University); Nuruzzaman Faruqui (Daffodil International University)
110	A Dual-Image based Robust Reversible Data Hiding Scheme based on Weighted Matrix and LZW Algorithm	Biswapati Jana (Haldia Institute of Technology); Biswapati Jana (Vidyasagar University)*; Mamata Dalui (Chakraborty) (NIT Durgapur)
115	Performance Evaluation of PAM-Based Optical Communication Link Using Eye Diagram Analysis	Manjit Singh (Guru Nanak Dev University Regional Campus Jalandhar)*; Himali Sarangal (Guru Nanak Dev University Regional Campus Jalandhar); Butta Singh (Guru Nanak Dev University); Harmandar Kaur (GNDU RC JALANDHAR); Satveer Kour (Guru Nanak Dev University, Amritsar); Vikramjeet Singh (Department of Mathematics, I. K. Gujral Punjab Technical University, Amritsar Campus)
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125	Fuzzy Cognitive Map and Deep-Seg Net for Enhancing Skin Cancer Segmentation and Detection	Dr. Dattatray G. Takale (Vishwakarma Institute of information Technology, SPPU Pune)*
126	Simulative Analysis of Free Space Optical Link by Incorporating Modernization Technique	Himali Sarangal (Guru Nanak Dev University Regional Campus Jalandhar); Manjit Singh (Guru Nanak Dev University Regional Campus Jalandhar)*; Satveer Kour (Guru Nanak Dev University, Amritsar); Harmandar Kaur (GNDU RC JALANDHAR); Butta Singh (Guru Nanak Dev University)
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135	Securing Social Spaces: Harnessing Deep Learning to Eradicate Cyberbullying	Rohan Biswas (Jadavpur University)*; Kasturi Ganguly (Jadavpur University); Diganta Saha (Jadavpur Uniuversity); Arijit Das (Jadavpur University)

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149	Looking for Variant of S-box used in AES Algorithm	J K M Sadique Uz Zaman (University of North Bengal)*; MD. HASANUJJAMAN (Sheikhpara Abdur Rahaman Memorial Polytechnic
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154	Exploring Intonation patterns in Nepali Speech: A Phonetic and Linguistic Analysis for Text-to-Speech System	Pratika Rai (University of North Bengal)*; Suraj Gurung (University of North Bengal); Dr. Sharad Sinha (Department of Computer Science & Technology, University of North Bengal); Ranjit Subba (Department Of Computer Science & Application,Hijli College,Kharagpur, Paschim Medinipur,West Bengal); Roshan Kumar Prasad (University of North Bengal)
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		(Visva-Bharati University); Marco Leo (National Research Council of Italy)
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171	Indrajit: A collection-task scheduling algorithm to mitigate sensor occlusions for small satellite constellations	Himadri Sekhar Paul (TCS Research & Innovation)*; Swagata Biswas (TCS)
172	An SMT toolbox for Adversarial Robustness Evaluation for Spiking Neural Networks	Soham Banerjee (Indian Statistical Institute); Sumana Ghosh (Indian Statistical Institute); Ansuman Banerjee (ISI, Kolkata)*; Swarup Kumar Mohalik (Ericsson)