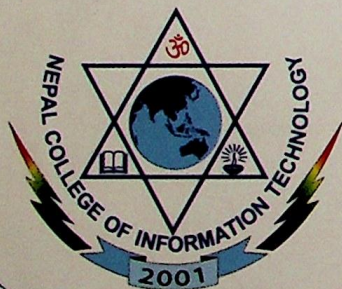


Journal of

SCIENCE AND TECHNOLOGY



**Nepal College of
Information Technology**

Balkumari, Lalitpur, Nepal
Tel: 977 1 5186354, 5186358
Email: info@ncit.edu.np
URL: www.ncit.edu.np

Contributions:

Sn.	Name of Articles
1	Determining Factors to Predict Rate of Student Dropout Ananta Pant, Er. Niranjan Khakurel
2	Improving Nepali News Recommendation Using Classification Based on LSTM Recurrent Neural Networks Ashok Basnet, Dr. Arun K. Timalisina
3	Ontology Based Data Storage and Querying for Agriculture in Nepal BimalKumari Shah
4	Adaptive Traffic Light Control with StatisticalMultiplexing Technique and Particle Swarm Optimization in Smart Cities Dr. Basanta Joshi, Brabim Manandhar
5	A Comparative Study of MAC layer protocols (IEEE 802.11b and 802.11e) on Wireless Sensor Networks Kumar Pudashine, Bristi Bade Shrestha
6	An Approach to Brain Tumor Segmentation and Severity Analysis Using Fuzzy C-Means Based on Particle Swarm Optimization Ganesh Prasad Bhatta
7	Performance Analysis of BGP Convergence by Varying MRAI Timers Laxman Shrestha
8	Application Aware Route Optimization in SDN Using Bandwidth and Latency Kumar Pudashine, Manoj Gautam
9	Analysis of Dynamic Replication Algorithm for Dbas in Autonomic Cloud Computing Md. IltafHussain Ansari
10	Effectiveness of Internet Advertisement on Consumer Behavior: A Study on Informational Responses Nabin Krishna Maskey
11	Analysis of Web Performance Using Ajax and Websocket Technologies NarendraBartaula
12	Backpropagation Algorithm based DIDS for Distributed Attack Padam Raj Gurung
13	Information Extraction Using Named Entity Recognition from Log Messages Prabhat Pokharel
14	Earliest Due Deadline Real-Time Scheduling for Load Balancing in Fog Computing Kumar Pudashine(Co-Author), Pradip Maharjan(Author)
15	Intrusion Detection System Using Heuristics Clustering Algorithm Followed by Support Vector Machine Classification Dr. RoshanChitrakar, RabindraShrestha
16	Performance Analysis Between Haar and Daubechies Discrete Wavelet Transform in Digital Watermarking Rajan Kusi
17	Image Edge Detection Using Ant Colony Optimization with Genetic Algorithm Rajesh Prakash Chataut
18	Risk Management in Customs using Deep Neural Network Dr. Arun K. Timalisina, Ram Hari Regmi
19	Analysis of Bad Loans in Nepalese Banks: A Case Study of RBB Sanjeev Kumar Bhadel
20	Mitigation of DDoS Attacks in Software Defined Network Saroj Kumar Mahto
21	Fractal Image Compression Using Canonical Huffman Coding\ Sanjeeb Prasad Panday(Phd), Shree Ram Khaitu
22	Performance Analysis of Linear and Non-Linear Detection Scheme on Mimo System Dr. Sanjeeb Pd. Panday, SudarshanAdhikari
23	Customer Behavior Analysis and Its Effect On Liquidity Management Sunel Jung Shahi
24	Analysis of Classification Algorithms on Accelerometer Data Dr. Sanjeev Prasad Panday, Tara BahadurThapa
25	Usage of Various Classification Techniques in Breast Cancer Diagnosis using Mammographic Dataset Prof. Dr. Shashidhar Ram Joshi, Usha Mehta