



Babu Banarasi Das Northern India Institute of Technology

Department of Information Technology

4th Year Student Box Project (2023-24)

S.No.	Student	University Roll No.	Student Name	Project Supervisor	Project Title	Abstract
1	BDDN-24	200901010004	SHRUTI KUMAR	Mr. Vineet Kumar	Enhancing the accuracy of water detection techniques by using hybrid model of CNN LSTM	Research suggests the integration of the convolutional system of detecting hydrographs and non-hydrographs into one a hybrid convolutional neural network long short-term memory (CNN-LSTM) framework. Visual data acquired at various locations are analyzed by a CNN to categorically label them, either as hydrographs or non-hydrographs, and the combined flexibility to separate the visual features, time, and order.
2		200901010007	ANUSKA KUMAR			
3		200901010003	TRISTAR JALAN			
4		200901010005	SHIVANSHU KUMAR			
5	BDDN-24	200901010009	ANSHU KUMAR	Mr. Nishant Chandra	AI powered early detection and threat identification for COVID-19	The purpose of this study is to create predictive model based on all the currently known to allow identifying COVID-19 in the initial phase of the development and after the most prevalent. Study's suggestions, a majority of the digital healthcare tools available are not easily accessible, following virtually according to our behavior, and are cheap and do not have the ability of managing their workflow effectively. In order to address these gaps, the proposed study introduces a hybrid system, which will integrate both the benefits of a form of Machine Learning (ML) to forecast the absolute risk, to the extent degree can be benefits of Reinforcement Learning (RL) to optimize therapy is a dynamic and adaptive treatment.
6		200901010008	ANUSHA KUMAR			
7		200901010010	SHIVANSHU KUMAR			
8		200901010002	SHIVANSHU KUMAR			
9	BDDN-24	200901010012	SHIVANSHU KUMAR	Mr. Prateek Kumar	Geographical to hybrid AI framework for a hybrid frequency geographical location index	This work proposes a novel state-of-the-art framework for a Geographical Location Index (GLI) that have real-time analysis and with spatial theory even time, specifically related to the field of Urban Heat. Traditional methods for measuring geographical data often had the issues to capture the multidimensional nature of urban context, which enable simultaneously to both the physical and informational features. In addition this paper research introduces a two-phase conceptual architecture. The first phase, Mining and Geospatial Location (MGLT), provides an effective manner of Urban context by systematically processing them from the various Geospatial Location and from their Project. The second phase, Intelligent Location Feature (ILF), organizes the continuous and extensive of the information are increased by analyzing a high-volume stream of multi-scale data sets.
10		200901010011	SHIVANSHU KUMAR			

Head of Department