DEPARTMENT OF INFORMATION TECHNOLOGY VR SIDDHARTHA ENGINEERING COLLEGE

STUDENT PROJECT DESIGNS 2020-21

S.No	Roll No	Name Of The Student	Year- Sec	Title	Description Of The Project
1	178W1A1253	S.K.Sai Anjana	IV-A	Predicting Bitcoin Price	Accurate prediction of future trend in closed price for a given cryptocurrency is a
	178W1A1214	D.Sowmya	IV-A	Fluctuation	challenging task. This study focuses on predicting the Bitcoin closing price of the
	188W5A1207	B.Anusha	IV-A		day and trends of the current market using an ensemble model of ARIMA,LSTM and Facebook Prophet .
2	178W1A1205	Ch. Lakshmi Soundarya	IV-A	Hyper Spectral Image	The main aim of the project is to device an algorithm to overcome some of the many
	178W1A12B9	Y.Alekhya	IV-B	Classification	challenges faced during the classification of remote sensing images like mixed pixels,
	178W11250	S.Harika	IV-A		insufficient samples pool during training, high dimensionality of hyper spectral space etc.
3	178W1A12A9	P.Niveditha	IV-B	E-Learning Using	The physical classroom learning nowadays is not interested for the current younger
	178W1A12A8	P.Aswanath	IV-B	Argumented Reality	generations. The design and development of e-learning system is a critical part of the
	178W1A1285	K.Harika	IV-B		educational process as it reflects on the usage of the system. This idea motivated to provide an e-learning platform for remote learning. The proposed e-learning system is designed using a Unity 3D and Vuforia processes while in here we promise a ruthless two- factor authentication and data security is guaranteed.
4	178W1A1267	B.Surendra	IV-B	Workspace	Absenteeism from work is a multibillion-
	178W1A12B1	SameeraTasnee m	IV-B	absentees prediction	dollar problem, and it costs money and decreases revenue. For some organizations, it
	178W1A12A3	M.Pavani	IV-B		can be very difficult to deal with those employees who are not punctual, as firing may be either not possible or it may have a huge cost to the organization. What if, we have a system that can know the person's attributes and predict the absenteeism of that person/employee to be hired. In this project a machine learning model has trained to

					automatically predict the absentees in the
					workplace
5	188W1A1226	Jonnalagadda	III-A	Hydration	An IOT-based hydration reminder system
		Sai Rashitha		Reminder	takes care of personal wellness by
		sree			monitoring the hydration levels of an
	188W1A1227	Kongara Raja	III-A		individual and recommending the water level
		Krishna			needed by constantly monitoring.
	10011/5 4 1000	Vamsee			
	198W5A1202	Joga Lokesh	III-A		
	100115 4 1202	Kumar			
	198W3A1203	Nadem	III-A		
		Sampain			
6	199W/1 A 1927	Nasaka Pavi		Smart romoto	An IoT based Health Monitoring System
U	100 W IAI237	Praneeth	III-A	health	records the patient's heartbeat rate and body
	188W1 A 1225	Jeelaga	III A	monitoring	temperature and sends an email/SMS alert
	100 W IAI223	Nagaswetha	III-A	system	whenever those readings go beyond critical
	188W1A1238	Pamarthi	III-A		values.
	100 11 11 230	Meghana			
	198W5A1204	Muruganyela	III-A		
		Sushma			
7	188W1A1209	BharatulaBhanu	III-A	Online video	Software that generates automatic reports for
		Sri Vaishnavi		conferencing	a video conference helps document the
	188W1A1212	Borra Harsha	III-A	with report	content of a video conference.
	188W1A1234	Nadhella Naga	III-A	generation	
		Chandana			
	188W1A1256	Vemula	III-A		
		Bhargavi			
8	188W1A1272	G.Lakshmi	III-B	Face Mask	Due to the present pandemic COVID-19, we
		Durga		Detection	have been facing a very bad phase. While
	188W1A1299	P. Haritha	III-B		learning more every day we know for a fact
	188W1A1263	V.Amuktha	III-B		that the proper use of face masks has proven
	188W1A12A0	P.Naga Pavan	III-B		to be an effective measure in keeping spread
					rates from raising again, especially as cities
					and countries come out of lockdown. It is
					critical now that businesses accept the
					corporate responsibility to ensure that all
					staff and patrons are abiding by state and
					local face mask protection protocols, where
	100000000000000000000000000000000000000	G : D	*** -		applicable.
9	188W1A1274	Sai Rupa	III-B	Open distance	The physical classroom learning nowadays is
	188W1A1289	Nayeema	III-B	learning	no longer applicable for the current younger
	188WIAI269	I harun	III-B		generations. The design and development of
	198WJA1212	патіка	ш-в		educational process as it reflects on the usage
			1	1	equeational process as it reflects on the usage

					of the system. In this work, the design and implementation of e-learning systems is described where different techniques are explored and compared. This idea motivated to provide an e-learning platform for remote learning. The proposed e-learning system is designed using a Unity 3D and Vuforia processes while in here we promise a ruthless two-factor authentication and data security is guaranteed. This project is to promote and inculcate in learners to experience different styles of learning to reach slow learners/fast learners.
10	188W1A1292	Rahul	III-B	Healthnet-The	Indian Health Network (IHN) is a social
	188W1A12A7	Geetika	III-B	Social Network	network along with a user repository that
	188WIAI2A5	Aishwarya	III-B		aims to provide a medium among users that brings together patients with similar health
11	100W1A12D1	CallaVaanaah		Automokila	conditions. IHN helps to establish a patient- to-patient network so that they can suggest and share their experiences. A suitable algorithm is used to measure the similarity among the users to obtain sustainable results. A network is established among patients alike to provide a medium for communication. We ensure to maintain the privacy of the users and their data will never be disclosed until permitted. The PHR is implemented using the Django framework with SQLite as the backend database. Content based filtering algorithms are used to achieve the patient-to-patient recommendation system.
11	198W1A1211	Galla Y agnesh	11-A	Automobile	we all know about the importance of engine
				using IoT	pollutants released from the vehicle are high
				B +	and the vehicle's performance will slow
					down from day by day. This causes more
					and the money we spent on the vehicle will
					not be justified. The vehicle will be
			нь		damaged too early.
12	198W1A12A3	KomalKumar.P	11-B	Accident	Driver drowsiness is one of the leading causes of motor vehicle crashes. According
				System with	to Central RoadResearch of India, 40% of
	198W1A1286	JyosthanaKadiy	II-B	Android Auto	road accidents are due to increased state of
		am		and Apple	drowsiness in drivers. The USNational

	198W1A12B5	SumanthSomire	II-B	CarPlay	Highway Traffic Safety Administration
		ddy		UsingNeural	estimates that approximately 1,00,000
				Networks	crashes areoccurring every year due to
					drowsiness in US alone. Even though the
					leading companies like Volvo,Mercedes
					Benz, Bosch have developed prevention
					systems which occur due to drowsiness,
					butthese are available only in luxury cars and
					are not available to vast range of
					automobiles.
13	188W1A1215	ChinniNagasai	III-A	Automatic Mask	The world is facing a severe impact caused
		Mudgala			by a pandemic. Now it became mandatory
	188W1A1203	Achanta Satya	III-A		for us to Social distance ourselves from
		Deepika			others, wear a mask and sanitize ourselves
					frequently. Among the above precautions,
					wearing a mask is so crucial to save
					ourselves from falling a prey to the virus.
					We have observed people touching their
					mask often without sanitizing their hands.