Vidya Vikas Education Trust's
Universal College of Engineering
Near Bhajansons and Punyadham, Kaman Bhiwandi Road, Vasai, Palghar-401208.
(Permanently Unaided | Approved by AICTE, DTE & Affiliated to University of Mumbai)
Accredited with B+ Grade by NAAC | A Gujarati Linguistic Minority Institution

Department of Computer Engineering with specialization in Data Engineering

Data Is Plural

"We should teach the students, as well as executives, how to conduct experiments, how to examine data, and how to use these tools to make better decisions." "

--Dan Ariely

Created By Khushal & Dhruvi

"By definition, all scientists are data scientists. In my opinion, they are half hackers, half analysts, they use data to build products and find insights. It's Columbus meet Columbo—starry-eyed explorers and skeptical detectives."

—Monica Rogati

2021 VOLUME 1

JANUARY NEWSLETTER

Contact *Us databuzz21@gmail.com*

VISION

To build a learning and research environment in the field of Data Engineering that promotes learning towards betterment of the society.

Mission

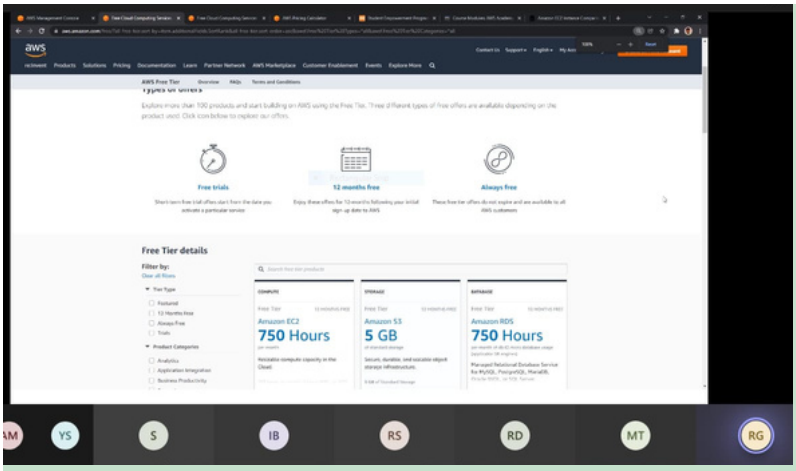
To provide an academic environment for the development of profession in the field of Data Engineering.
To educate students in technology competencies by providing professionally committed faculty and staff.
To inculcate ethical values and leadership abilities in the students to work towards the progress of the society.

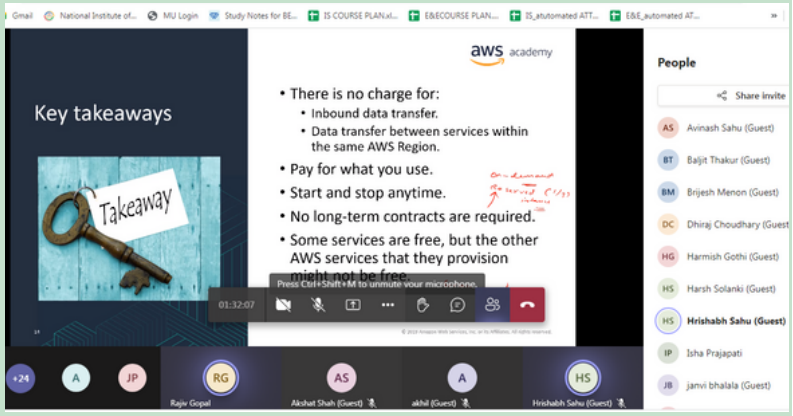
AREA OF STUDY IN DATA ENGINEERING

- *Introduction to Data Engineering*
- *Basic Language Requirement: Python*
- *Solid Knowledge of Operating Systems*
- *In-Depth Database Knowledge – SQL and NoSQL*
- *Data Warehousing – Hadoop, MapReduce, HIVE, PIG, Apache Spark, Kafka*
- *Basic Machine Learning Familiarity*

AWS COURSE

AWS course for final year students in collaboration with Honeywell and ICT Academy





The AWS course for final year students has been started for final year students by Honey well and ICT Academy in collaboration. It has been started on 3rd January and it is 100 hours certification course .Amazon Web Services (AWS) is the world's most comprehensive and broadly adopted cloud platform, offering over 200 fully featured services from data centers globally.j Millions of customers—including the fastest-growing startups, largest enterprises, and leading government agencies are using AWS to lower costs, become more agile, and innovate faster. This course will help final year students to boost their career.

Patent published by Dr,Ekta Upadhyay

Dr. Ekta Upadhyay published a patent "IoT device based visual vehicle tracking system" in Indian Patent Journal

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2021

(21) Application No.202121053421 A
(43) Publication Date : 03/12/2021

(54) Title of the invention : IOT DEVICE-BASED VISUAL VEHICLE TRACKING SYSTEM

(51) International classification	:H04L0029080000, H04W0004700000, G08G0001130000, G08G0001017000, G06T0007000000
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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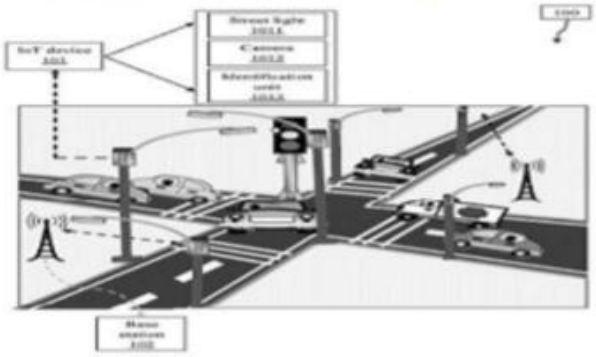
(57) Abstract :
The main design of our present invention discloses the IoT device-based visual vehicle tracking system, which comprises the camera and identification unit. The main purpose of this present invention is to provide an IoT device to track the information about the vehicle's location and identify the driver's details using an identification unit. Initially, the camera captures the image of vehicles and drivers' faces and passes the captured images to the image processing system to classify the image data. Then, the identification unit detects the details of drivers and vehicles and traveled location & time of the vehicles. After that, it creates a map of each vehicle's traveling location and passes it to the IoT server through an IoT network. Then, the IoT server predicts the current location of the vehicle and passes the information to the IoT head. Thus, the IoT head can monitor suspicious vehicles and drivers anytime. [To be published with Figure.1]



No. of Pages : 20 No. of Claims : 4

Sudoku

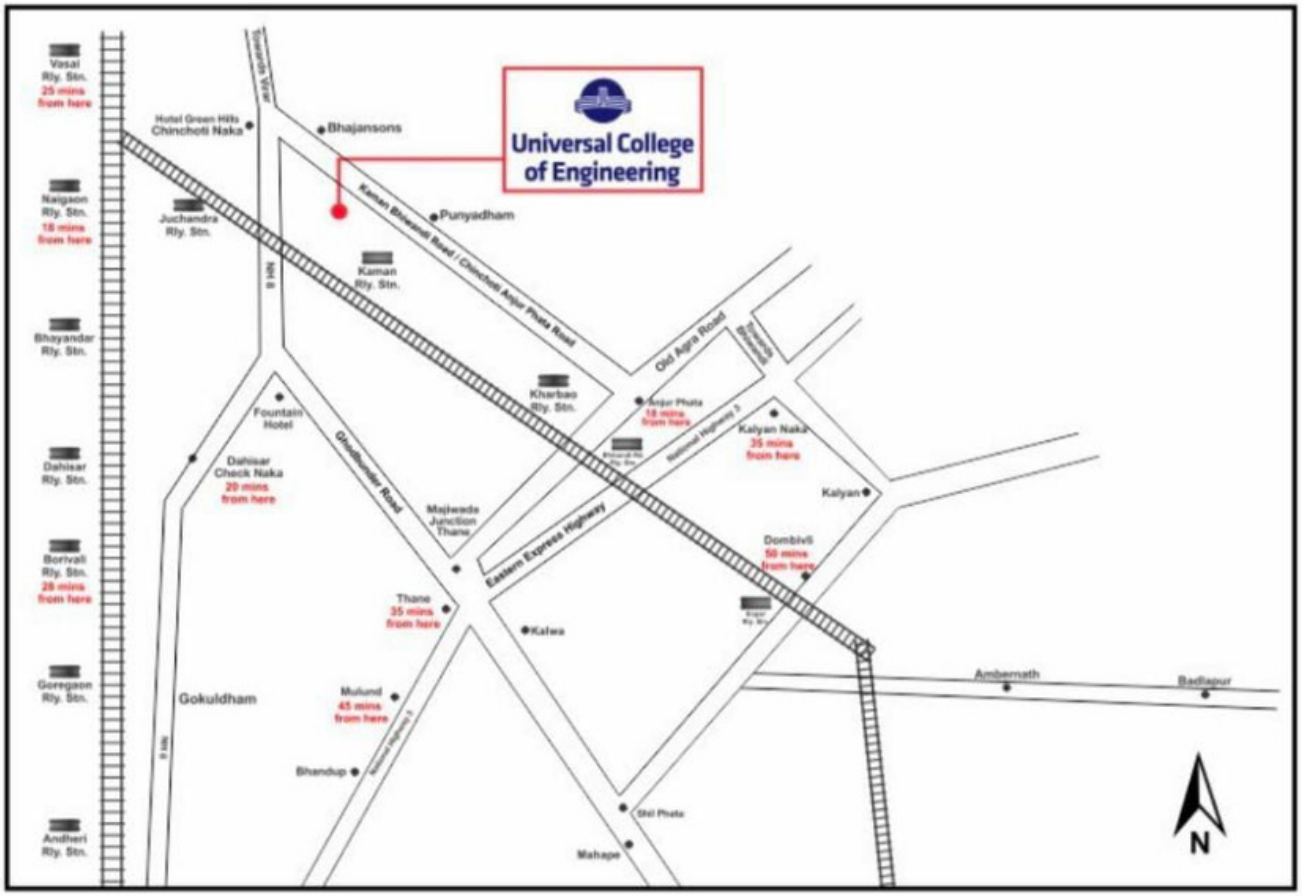
8	7	6	5	4	3	1	9	2
5	4	3	2	1	9	7	6	8
2	1	9	8	7	6	4	3	5
1	9	8	7	6	5	3	2	4
4	3	2	1	9	8	6	5	7
7	6	5	4	3	2	9	8	1
3	2	1	9	8	7	5	4	6
6	5	4	3	2	1	8	7	9
9	8	7	6	5	4	2	1	3

ANSWER OF LAST QUIZ

		5			6		2	
4	9				8		1	
	6		5	7		3		9
		3				8		
	4		1		5			7
1		8		6			9	
	5					6		
		2	3				4	
	8			9		1		3

We hope you loved the last one, if that felt easy try out this and mail the answers to databuzz21@gmail.com

REACH US...



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