

IGNITE 2024



A DAILY NEWSLETTER

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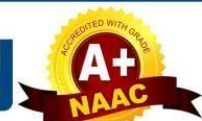
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PLACEMENT NEWS

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**CAMPUS
PLACEMENT DRIVE**

BATCH 2024 PASSOUT

CONCENTRIX™

CONCENTRIX PVT LTD

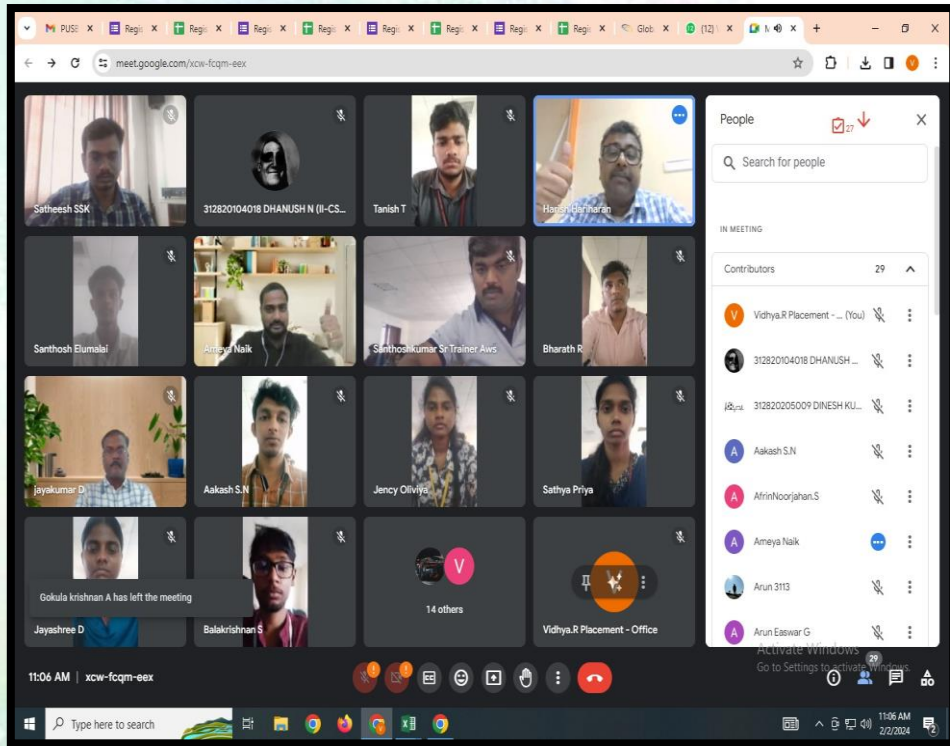
**COUNSELING
CODE
1316**

DATE: 1.2.2024	Eligible Department: All Branches	Package: 3 LPA	Drive Venue: VIRTUAL	Job Role: CUSTOMER SUPPORT
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Final year students of all branches attended an assessment test virtually conducted by Concentrix company on 1st Jan 2024. Concentrix creates game-changing customer journeys that help brands grow across the world and into the future.

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TRAINING



Final year students from the department of Computer Science Engineering and Information Technology enrolled for AWS certification attended the orientation programme .Mr.Jeyakumar,Traning Head,Mr. Harish Sr.Director and Mr.Amaya Naik,National Placement Head addressed the gathering regarding the importance of AWS .

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AIDS WEBINAR SERIES

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
Organizes A
WEBINAR
on
“SIMPLE and COMPOUND INTEREST”

📅 01.02.2024 ⌚ 7.00pm-8.00pm 📍 Google Meet


Resource Persons
HASSAN MOHAMMED R
Third year
Department of Artificial Intelligence and Data Science

<https://meet.google.com/zgu-qzzv-aby>

Coordinator
Mr. Rahul J
Asst.prof/AIDS

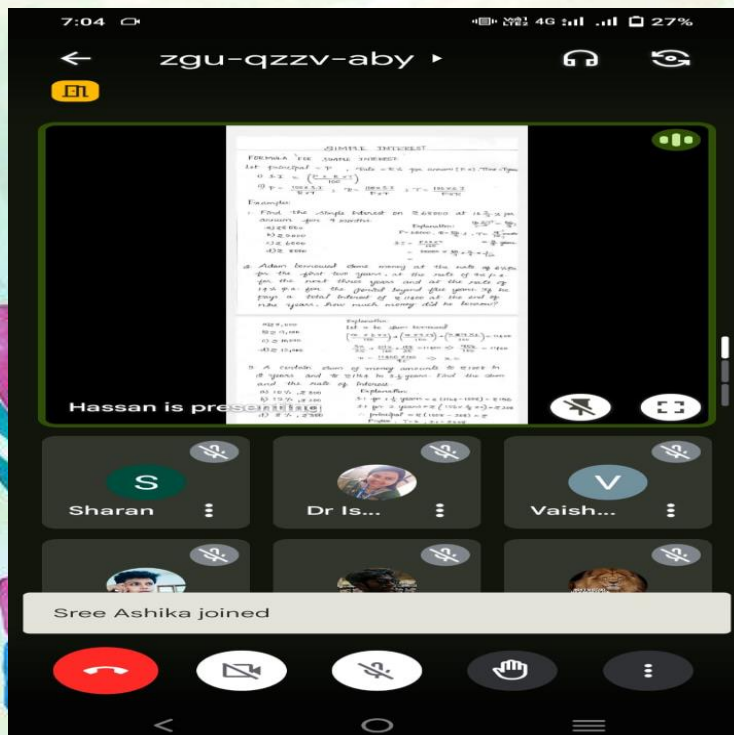
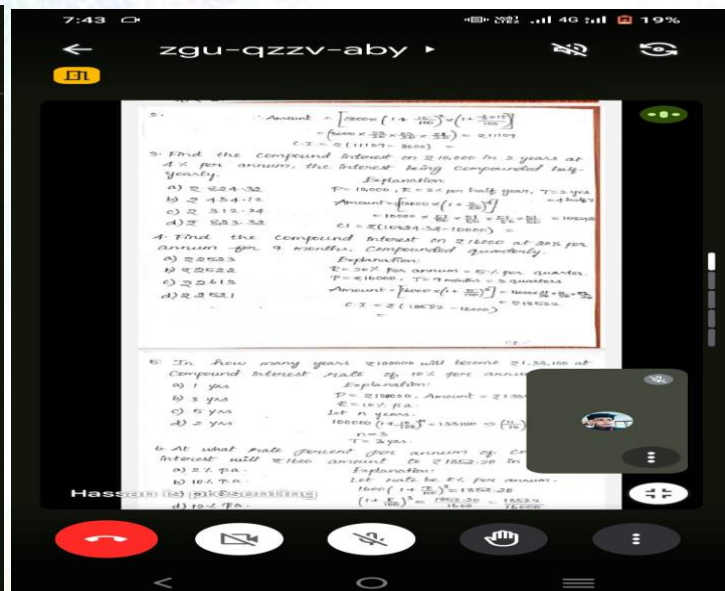
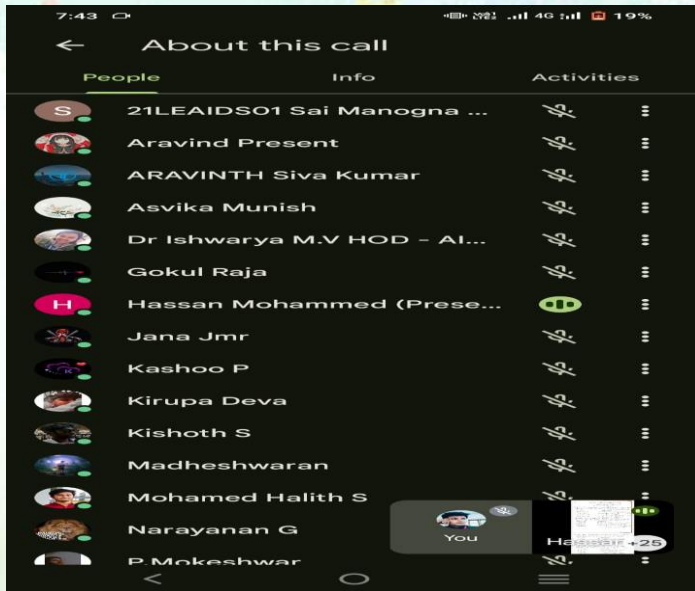
Co-Coordinator
Dr. M.V.Ishwarya
HOD/AIDS

Dr. Srinivasan Alavandar
Principal

The Department of Artificial Intelligence Data Science has arranged the **WEBINAR SERIES** on Aptitude Topics from 22.1.2024 to 3.2.2024. The webinar on **“SIMPLE and COMPOUND INTEREST”** was efficaciously conducted by speaker **HASSAN MOHAMMED R, THIRD year AIDS** from 7.00pm to 8.00pm through Google Meet on 1-02-2024. Many positive feedbacks were given by third year AIDS students, regarding the same.

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GALLERY



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FACULTY ACHIEVEMENT



2/1/24, 5:13 PM

Gmail - IEEE 3rd INOCON 2024 - ACCEPTANCE NOTIFICATION



murugan subbiah <smuresjur@gmail.com>

IEEE 3rd INOCON 2024 - ACCEPTANCE NOTIFICATION

Microsoft CMT <email@msr-cmt.org>
Reply-To: D K Gupta <deepak_gupta@ibids.org>
To: Murugan Subbiah <smuresjur@gmail.com>

Thu, Feb 1, 2024 at 4:47 PM

Dear Murugan Subbiah

Paper ID / Submission ID : 2193

Title : Cloud-Based Road Safety for Real-Time Vehicle Rash Driving Alerts with Random Forest Algorithm

We are pleased to inform you that your paper has been accepted for the Oral Presentation as a full paper for the- "IEEE 3rd International Conference on Innovation in Technology (INOCON), will be held in Sai Vidya Institute of Technology, Bengaluru, Karnataka, India.

All accepted and presented papers will be submitted to IEEE Xplore for the further publication and will be indexed by Ei Compendex and Scopus Indexing.

Complete the Registration Process (The last date of payment is 05 FEB 2024)

Registration Link for Payment :

For Indian Authors : <https://rzp.iol/fadpY4K>

For Foreign Authors : <https://in.explara.com/ieee-inocon/>
(Click on Stripe payment to make payment and then pay)

After the last date of registration IEEE PDF Express and E copyright information will be given for registered authors.

Cloud-Based Road Safety for Real-Time Vehicle Rash Driving Alerts with Random Forest Algorithm

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Abstract— The cloud-based road safety technology introduced in this research improves real-time vehicle behavior monitoring and warns for rash driving. It uses cloud computing to gather and interpret data from onboard car sensors and other traffic monitoring equipment. Powerful machine learning technology the Random Forest algorithm analyses this data intelligently. The Random Forest algorithm is trained on a varied array of driving metrics to detect rash driving tendencies. Real-time data streams may be processed efficiently and scalable on the cloud, enabling speedy decision-making for rash driving detection. A network sends alerts to authorities and nearby vehicles. The system is adaptable to different road conditions, resistant to sensor data noise, and able to enhance rash driving detection accuracy via model updates. Cloud architecture makes the system available worldwide. With its focus on real-time notifications utilizing the Random Forest algorithm, this cloud-based road safety system may reduce the hazards of reckless driving and avoid accidents.

are expensive to maintain and put into place. The proposed a minimal prototype for continuous monitoring of driver alertness to prevent accidents by facial expression recognition with MQ sensors for detecting gas leaks and intoxication levels. The detection of automobile speed takes an image of the fast car and uploads the data to an internet database [4]. A distance sensor measures the road's distance between two places. The data will be processed by the ESP8266, which will determine speed using the formula speed distance over time. IoT data can be sent to an online database using the ESP8266 Wi-Fi module. The Google spreadsheet received all the data if a fast automobile was identified.

The Smart Rash driver system can detect vehicle speed, take a snapshot of an overspeeding vehicle, store it on an SD card, and upload all data through IoT to a Google Spreadsheet. This innovation will effectively reduce traffic accidents. Driving needs several abilities, and experience

Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science research paper titled "CLOUD-BASED ROAD SAFETY FOR REAL-TIME VEHICLE RASH DRIVING ALERTS WITH RANDOM FOREST ALGORITHM" received the acceptance email for the IEEE 3rd International Conference on Innovation in Technology(INOCON). Which has been indexed by Scopus.

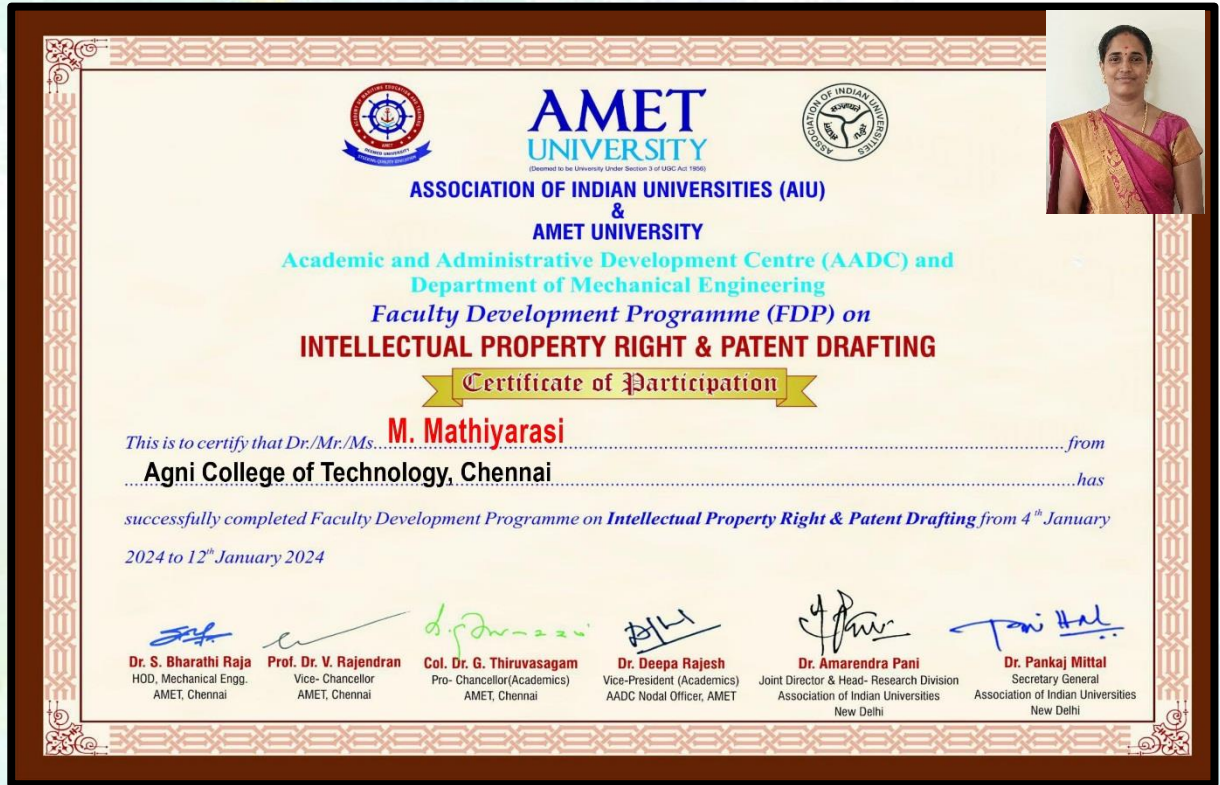
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FACULTY FDP PARTICIPATION



Mr.Rahul J, Assistant Professor, Department of Artificial Intelligence and Data Science, attended The Five Day, NAAN MUDHALVAN FDP on "PROMPT ENGINEERING" Organized by Anna University from January 29th to February 3, 2024. The fourth day of FDP is held on 1.02.2024 on the topic of "ANN AND WORD TO VECTOR CONVERSION" in deep learning.

FACULTY PARTICIPATION



Mrs. M. Mathiyarasi, Assistant Professor, Department of Aerospace Engineering, has attended the Faculty Development Programme titled Intellectual Property Right Patent Drafting organised by the AMET University in Chennai from January 4th to 12th, 2024.

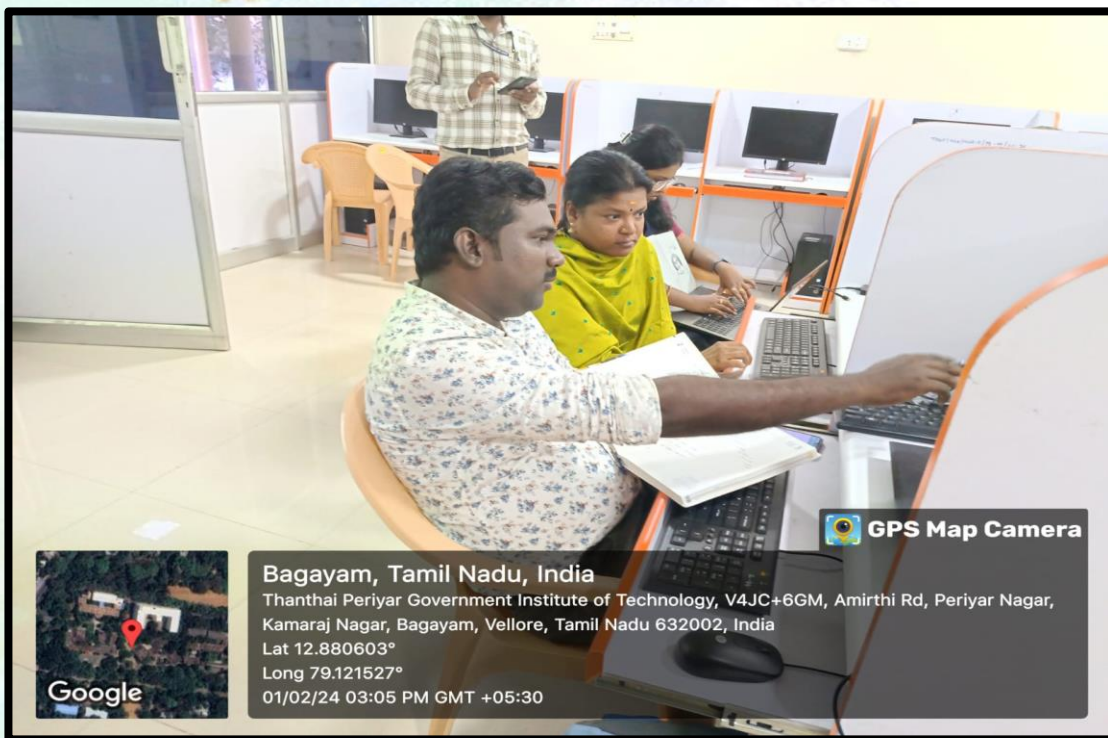
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FACULTY PARTICIPATION



Mr. C.Anand, Assistant Professor, Department of Aerospace Engineering, has attended the Faculty Development Programme titled Intellectual Property Right Patent Drafting organised by the AMET University in Chennai from January 4th to 12th, 2024.

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FACULTY PARTICIPATION

Mr. Ganesh kumar K, Assistant Professor, Department of Mechatronics Engineering has attended the Three Day, NAAN MUDHALVAN FDP on **Artificial Intelligence and Machine Learning Fundamentals** Organized by Thanthai Periyar Government Institute of Technology, Vellore from February 1st to February 3, 2024. The first day of FDP is held on 01.02.2024 on the topic of application of NumPy.

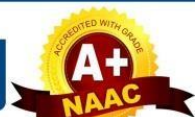
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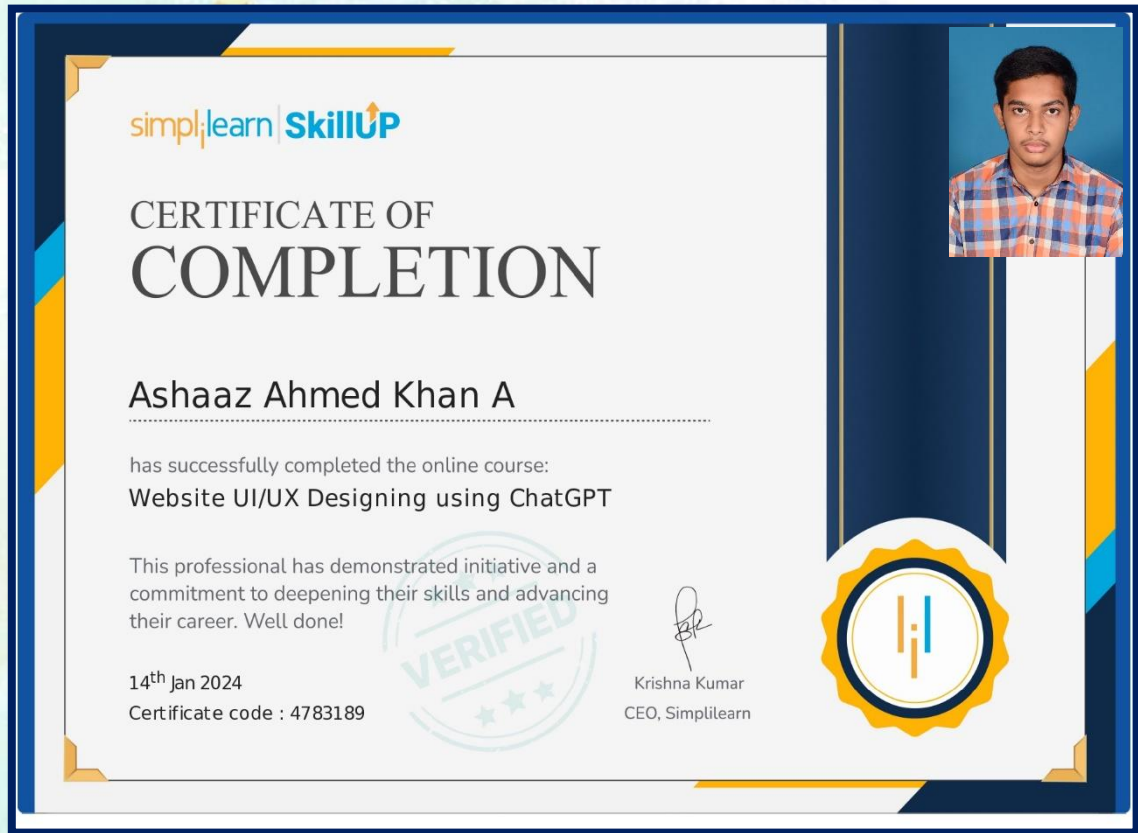
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STUDENT ACHIEVEMENT



A. Ashaaz Ahmed Khan (CSE), a first-year student in the Department of Science and Humanities, has successfully completed the online course on **Website UI/UX Designing Using ChatGPT** provided by SkillUP in the month of January 2024.

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STUDENT ACHIEVEMENT



P.Prakashraj, third year student of the Department of Computer Science and Engineering has shown the utmost dedication towards the successful execution of the tasks assigned during the prestigious sports event **KHELO INDIA YOUTH GAMES** held in **Tamil Nadu** from **19th to 31st January 2024**.

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STUDENT PARTICIPATION



GB Kirthicklochan, III year student, Department of Mechatronics Engineering, has participated in the **Quiz on Road Safety** organized by MoRTH on 1st February 2024.

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STUDENT PARTICIPATION



CERTIFICATE OF COMPLETION

Presented to

RAJA MAHA

For successfully completing a free online course

Agile for Beginners

Provided by

Great Learning Academy

(On February 2024)

Raja Maha, III year Department of Computer Science and Engineering has successfully completed the online courses on **“Agile for Beginners”** conducted by **Great Learning** on February 2024.

PROJECT REVIEW



The Department of Computer Science and Engineering had conducted a **project review** for **final year students**. It was reviewed by the panel members **Mr.G.Praveen Kumar**, **Mrs.M.P.Sujatha** along with the project coordinator **Mrs.G.Uma Devi** on 31.1.2024.

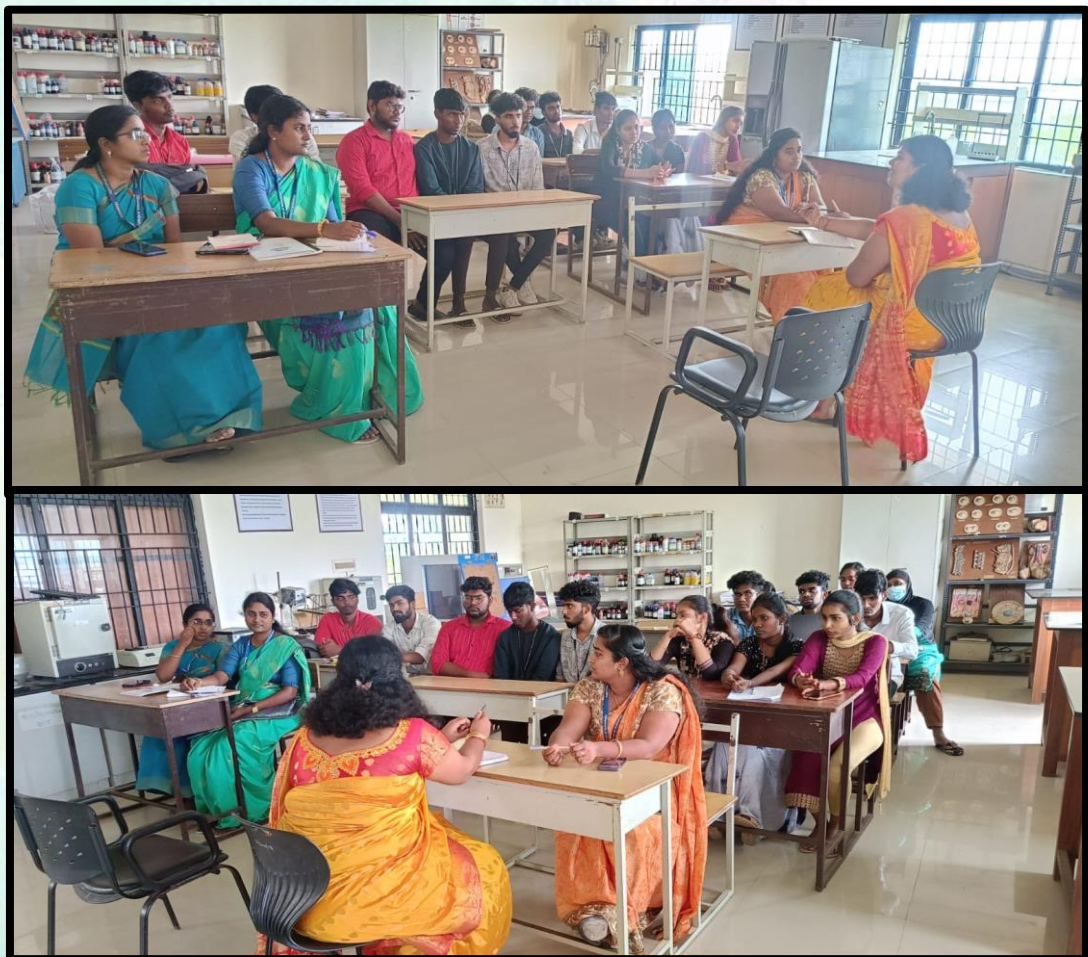
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AIDS PARENT TEACHER MEETING



Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science, and Third Year class advisor Mrs.Amala Preyadarchane.J , Assistant Professor of Artificial Intelligence and Data Science had a “PARENT TEACHER MEETING” with the parents of Sakthi Sree R and Kesava Priya P on 1st february 2024.

CLASS COMMITTEE MEETING -1



IV year students, Department of Biomedical Engineering, had their “**1st Class Committee Meeting**”, Dr. Sureka N, Head and other subject handling faculty and class in charge addressed the students and had discussions on their academic progress and training.

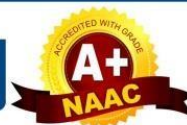
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AIDS SLIP TEST



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600130, India
Lat 12.84883°
Long 80.194907°
02/02/24 10:28 AM GMT +05:30

Dhanabhavithra.k, Assistant Professor of Artificial Intelligence and Data Science conducted "The Slip Test" for the third-year AIDS students for the subject of CCS352: Multimedia & Animation on 2nd February 2024 after the completion of Unit 1.