

# IGNITE 2024



## A DAILY NEWSLETTER

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PLACEMENT DRIVE



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## NAAN MUDHALVAN STATE WIDE PLACEMENT DRIVE







Tamil Nadu Skill Development Corporation  
Naan Mudhalvan State - Wide Placement Program  
Placement Drive

|        |            |        |       |        |       |       |       |            |         |       |
|--------|------------|--------|-------|--------|-------|-------|-------|------------|---------|-------|
| flex   | SUTHERLAND | WHEELS | UMS   | Kriti  | IDfy  | Chak  | MEC   | Subramanya | QUBE    | NAZV  |
| JEEVA  | ufone      | Paytm  | Jio   | SPRINT | SS    | svm   | eNoah | MP         | ALSTECO | WIPAC |
| MANALI | WIPAC      | WIPAC  | WIPAC | WIPAC  | WIPAC | WIPAC | WIPAC | WIPAC      | WIPAC   | WIPAC |



Date: 09<sup>th</sup> Oct 2024

Package: 3-4 LPA

The commencement of “Naan Mudhalvan State wise Placement Drive” was conducted on 09th October 2024. The following renowned companies, such as, **Flextronics Technologies, India, Pvt, Ltd, Wheels India limited, Delphi TVS Technologies and Manali petrochemicals, Ltd**, are the top companies among the 35 visited the campus. The final year students(about 323) from all the departments attended the placement drive.



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## PLACEMENT DRIVE



The final year students from the **Department of Biomedical Engineering** attended the interview at **Pinnacle Healthcare Services Private Ltd**, Chennai, on 8<sup>th</sup> October 2024.

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**MOU WITH AGNI COLLEGE  
OF TECHNOLOGY**



**AGNI COLLEGE OF TECHNOLOGY** signed a **MOU** for the Work integrated Learning with “**NeXHS Renewables, Pvt, Ltd**” on 09<sup>th</sup> October 2024.

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## STUDENT ACHIEVEMENT



Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science, mentored “**PRATHESH DAVOUSSE M**”, a third year AIDS student, to undergo the internship training at OCTANET SERVICES PVT LTD entitled “**PYTHON DEVELOPMENT**” from 1st Aug to 1st Oct 2024.

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## STUDENT ACHIEVEMENT



**RETECH**  
SOLUTIONS PVT. LTD.  
An ISO 9001:2015 certified company



CIN: U74900TN2014PTC096567

GSTIN: 33AAGCR9639H2Z0

INT:RE23-24/2988-3784

**TO WHOMSOEVER IT MAY CONCERN**

This is to Certify that **PRADEEP KUMAR R** student of **A OF TECHNOLOGY , BTECH/AI&DS** has undergone the In training through **OFFLINE** in our concern entitled **WEB** from **7<sup>th</sup> May 2024 to 7<sup>th</sup> June 2024.**

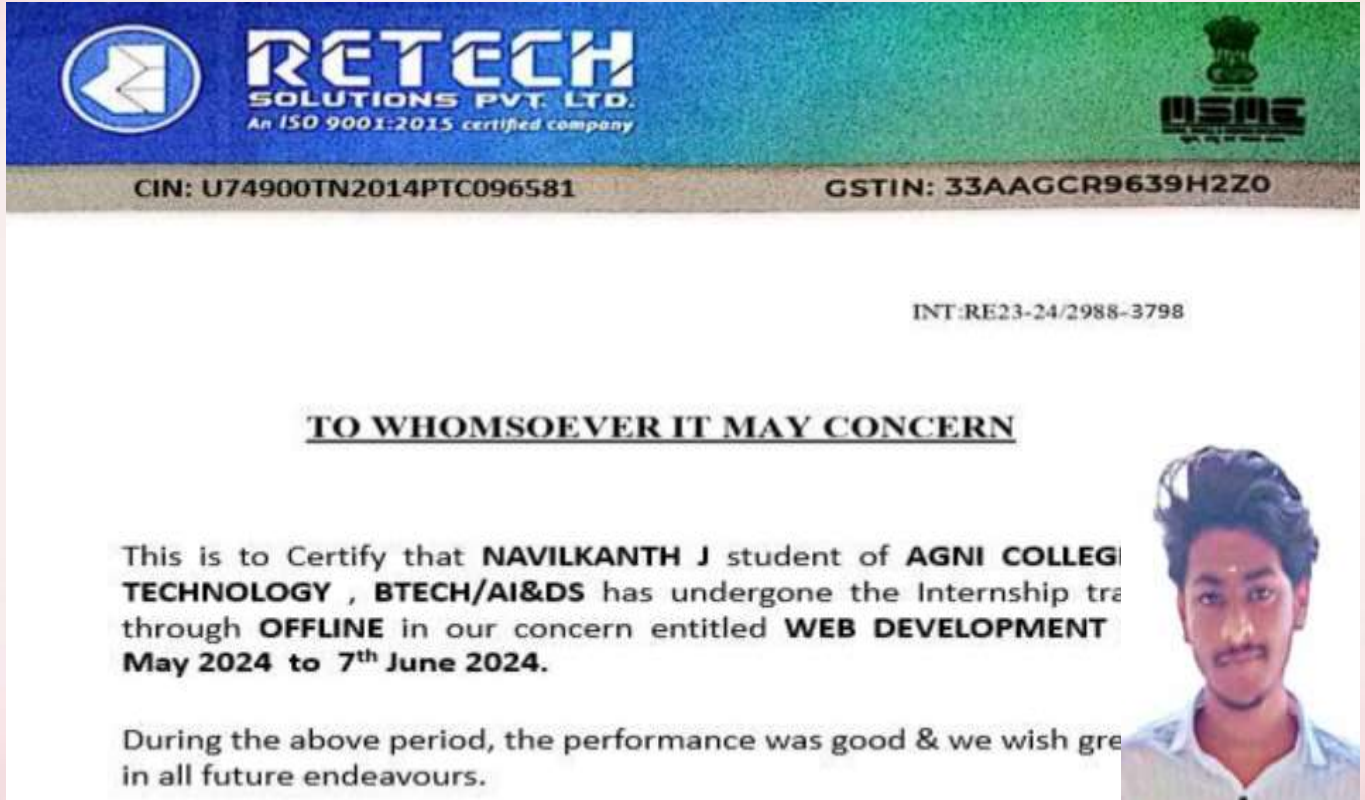
During the above period, the performance was good & we v in all future endeavours.



**Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science mentored PRADEEP KUMAR. R. third year AIDS student, to undergo the internship training at RETECH Solutions PVT L.T.D entitled " Web Development" from 7<sup>th</sup> may to 7<sup>th</sup> June 2024.**

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## STUDENT ACHIEVEMENT



**Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science mentored NAVILKANTH J, a third year AIDS student, to undergo the internship training at RETECH Solutions PVT L.T.D entitled “Web Development” from 7<sup>th</sup> may to 7<sup>th</sup> June 2024.**

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## STUDENT ACHIEVEMENT

CERTIFICATE



Corporate Identity Number :  
U62013OD2023PTC044081

**TECH  
OCTANET SERVICES PVT LTD.**

**This is to certify that**

**Navaneethakrishnan.T.M**

**Python Development Internship**  
Duration: 2 Month ( 1st August 2024 - 1st October 2024 )

During the internship period, He/She has demonstrated exceptional dedication, strong willingness to learn. They actively engaged in various projects and tasks exhibiting remarkable skills and a high level of professionalism.

**Verified By :**

*Anjali Praty*  
Director & CEO  
TECH OCTANET SERVICES PVT LTD








#startupindia



**Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science mentored “NAVANEETHAKRISHNAN TM” a third year AIDS student, to undergo the internship training at OCTANET SERVICES PVT LTD entitled “PYTHON DEVELOPMENT” from 1<sup>st</sup> Aug to 1<sup>st</sup> Oct 2024.**

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## STUDENT ACHIEVEMENT



**Dr. Ishwarya M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science mentored **MUKILVANAN. K**, a third year AIDS student, to undergo the internship training at **INTERNZ LEARN** entitled "**Data Science**" FROM 3<sup>rd</sup> Aug 2024 TO 3<sup>rd</sup> Sep 2024.**

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**STUDENT PARTICIPATION**



**Mr. Mohanraj R**, a IIIrd-year, Section-B, Department of Computer Science and Engineering, participated in the **TATA Crucible Campus Quiz 2024** organized by **TATA Group** on **9<sup>th</sup> October 2024**.

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STUDENT PARTICIPATION



**Ms. Eesha B**, a IInd-year student, Department of Computer Science and Engineering, has successfully completed the course titled, **“Python for Data Science”** provided by **Great Learning Academy** on September 2024.

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## FACULTY ACHIEVEMENT

Conferences > 2024 Second International Con...

### Deep Learning with Butterfly Optimization Algorithm Based Vehicle Detection Using Remote Sensing Imagery

Publisher: IEEE

Cite This

PDF

R. Silvaraman ; B. Ravisankar ; A. Kavitha ; **D. Maheswari** ; S. Ohmshankar ; Srimathi S. All Authors



#### Abstract

#### Document Sections

#### I. Introduction

#### Abstract:

Remote Sensing Images (RSI) and then estimate the kind and place of this objective. Object recognition is the procedure of identifying cases of semantic things of a definite class (like airplanes, birds or human) in digital video or images. In RSI, the challenging research is the target recognition. Presently, the growth of deep learning (DL) and target recognition model has gained huge and rapid development. But, in RSI application, owing to the small aim huge assortment, minor texture, and difficult background, the present target recognition model can confidence. Automatic recognition of small objects like transports in satellite images is a very stimu its difficulty of background, vehicle colors, the huge extent of ground sample distance (GSD) and b by trees and buildings. Numerous techniques were projected for this task by employing handcraft Convolutional Neural Network (CNN) have been verified to be possibly more real. This study prese Learning with Butterfly Optimization Algorithm based Vehicle Detection (DLBOA-VD) using RSI. Th integrates the YOLOv5 vehicle detector for the exact localization of vehicles within the images. Als Short-Term Memory (LSTM) system is utilized for vehicle identification, capturing time-based depe



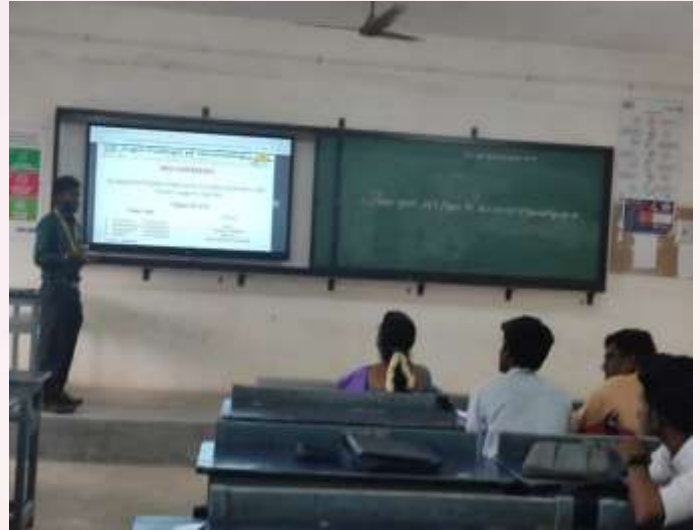
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**Ms. D. Maheswari, and Mr. S. Ohm Shankar**, Assistant Professor, Department of Electronics and Communication Engineering, published a manuscript titled **“Deep Learning with Butterfly Optimization based Vehicle Detection using Remote Sensing Imagery”** in the 2024-second International conference on Advances in Information Technology (ICAIT) (Scopus Indexed).

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## FACULTY ACHIEVEMENT



**Mr. Muthu Kumaran**, Lab Assistant, Department of Artificial Intelligence and Data Science, presented a seminar titled **“An Integrated Chatbot Platform for Precision Agriculture and Farmer Support”**, at **“SAIRAM COLLEGE OF TECHNOLOGY, IEEE Technically Co-sponsored Icpets 2024–4th International Conference On Power, Energy, Control And Transmission Systems”** on 09<sup>th</sup> October 2024.

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DEPARTMENT EVENT



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**DEPARTMENT OF MECHANICAL SCIENCES**  
*Organises*  
**TECHNICAL PRESENTATION**  
*On*  
**DIGITAL PROTOTYPE**

**Resource Person**



**Mr. Pavithran P**  
DP (Digital Prototype) Expert  
Petricore Technologies Engineering Services Pvt. Ltd.  
Chennai



**10.10.2024**  
**11.00 am**  
**Seminar Hall**

**Event Coordinator:**  
**Mr. K. Saravanan**  
Assistant Professor  
**Dr. T. Anand**  
Dean Academics

**Dr. P. Purushothaman**  
Head of the Department  
**Dr. Srinivasan Alavandar**  
Principal

The Department of Mechanical Sciences, organized a technical presentation on the title "Digital Prototype" on 10th October 2024. The session was led by Mr. Pavithran P, an expert in Digital Prototyping from Petricore Technologies Engineering Services Pvt. Ltd., Chennai.

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## CLUB ACTIVITY



The Department of Science and Humanities and Physical Fitness Club organized the Fitness Challenge-2024, featuring over 150 first-year students. The winner, **Akshaya. K (CSE) and Kanha Muduli. N (AIDS)**, were crowned Ms. S&H 2024 - Mr. S&H 2024.

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**POOJA CELEBRATION**

The celebration of Ayudha Pooja and Saraswathi Pooja in the Department of Electronics and Communication Engineering brings together the essence of tradition, reverence, and the pursuit of knowledge. A ceremonial pooja is performed, invoking the blessings of the divine for the tools and for the collective progress of the department. The faculty members, students, and staff participated in this celebration, coming together to foster a sense of unity and respect for the technologies that drive our field forward.

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## DEPARTMENT ACTIVITY



**The Department of Science and Humanities and its students paid respect to the demise of the **Legendary Industrialist, Philanthropist and Visionary leader, Mr. Ratan Tata** by observing silence as a mark of respect and tribute filled with prayers for the departed soul.**

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## CLASS ACTIVITY



Mr. K. Balaji Sundharam, Assistant Professor, Department of Science and Humanities (English) conducted a classroom activity. The aim of this activity is to impart the habit of reading newspapers in order to have a rich vocabulary, the students are asked to review the continuity of any event from the national English paper. The review should consist of a 5-day continuous report of the event. The same should be presented on the A4 sheet of paper by pasting the articles as the evidence and one or two line comments with appropriate examples. Section-G (CME/EEE) first year students on 10<sup>th</sup> October 2024.

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## A group of students and a teacher are seated in a classroom, engaged in a discussion. The students are wearing uniforms, and the teacher is wearing a blue shirt. A chalkboard with diagrams is visible in the background. The text overlay at the bottom of the image provides location information for Thazhambur, Tamil Nadu, India, including the block name, school name, coordinates, and a timestamp. A Google Map Camera logo is also present in the bottom right corner of the image.

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