



**ADITYA**  
UNIVERSITY

# **INFORMATE**

## **NEWS LETTER**

**VOL 14 ISSUE:2**



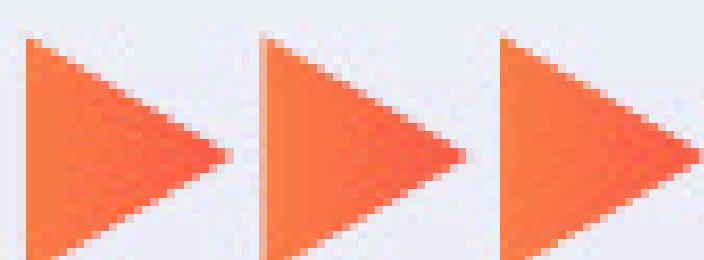
**DEPARTMENT OF**  
**COMPUTER SCIENCE & ENGINEERING**

## HOD's MESSAGE



**Dr.Korla Swaroopa M.Tech.,Ph.D.**

As the Head of Department, I am proud to witness the continued growth and achievements of our Department. This year, we have not only seen exceptional student progress, but also significant success in placements, with many of our students securing roles at top-tier organizations. Our commitment to enhancing learning extends beyond the syllabus, with a focus on emerging technologies and industry-relevant skills. Together, we continue to foster an environment of innovation and excellence. I look forward to the exciting opportunities ahead and thank everyone for their dedication to our shared success.



# GUEST LECTURES

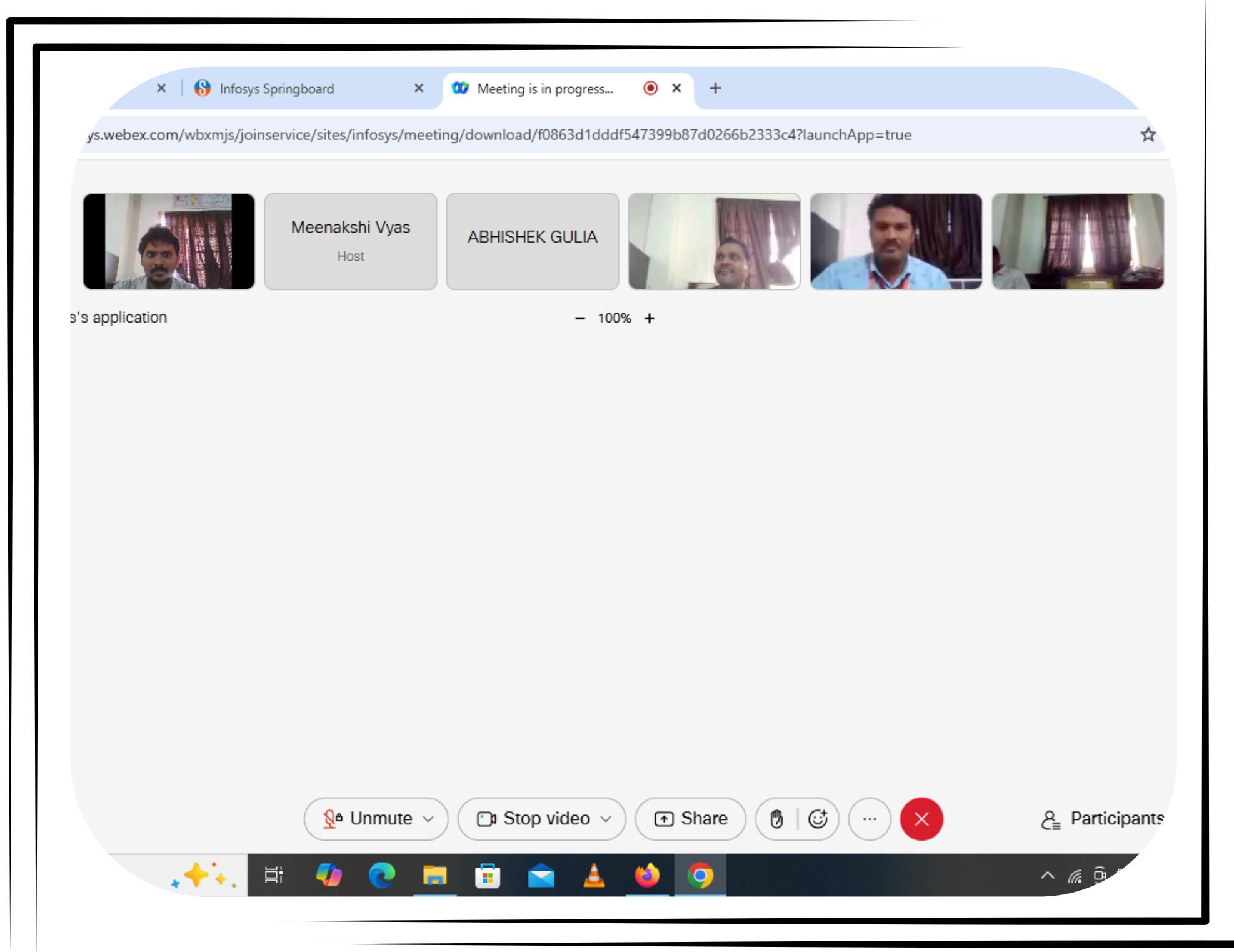


The Department of Computer Science and Engineering recently hosted a guest lecture on "Software Product Management" by Mr. K. Sri Harsha, Product Owner at Solera. The session was conducted on 18th September 2024 in the Seminar Hall, BGB, and was attended by 250 students. Mr. Harsha shared valuable insights into the nuances of product management in the software industry, emphasizing best practices and real-world applications. The lecture inspired students to delve deeper into the field, bridging academic concepts with industry requirements. We sincerely thank Mr. Harsha for his engaging and impactful session.

The Department of Computer Science and Engineering recently hosted a guest lecture on "Recommender Systems" by Dr. A. Anupamaa from Gitam University. The session was held on 26th October 2024 in the BGB Seminar Hall, with an audience of 90 students. Dr. Anupamaa provided an in-depth understanding of recommender systems, discussing their real-world applications and the underlying technologies. The lecture inspired students to explore this rapidly evolving field and its impact on various industries. We sincerely thank Dr. Anupamaa for her valuable insights and an enriching session.



# FACULTY ENABLEMENT PROGRAM



The Department of Computer Science and Engineering recently conducted a "Faculty Enablement Program on Generative AI" from 18th to 22nd November 2024. Held online, the program was attended by 30 faculty members and featured insightful sessions by Ms. Vijayalakshmi Natarajan and Dr. Impana Appaji. The program focused on the latest advancements and applications of Generative AI, equipping faculty with cutting-edge knowledge to enhance their teaching and research. We extend our gratitude to the speakers for delivering an impactful and enlightening program.

# STUDENT ENABLEMENT PROGRAM

The Department of Computer Science and Engineering recently organized a "Student Enablement Program" in collaboration with Infosys Springboard. The program was conducted from 28th to 30th October 2024 in the BGB Seminar Hall, with an enthusiastic participation of 300 students. Led by Mr. Prudhvi Adivsesha and Ms. Aishwarya Rajeev, the sessions covered various aspects of skill enhancement and career readiness, empowering students with industry-relevant knowledge and practical insights.

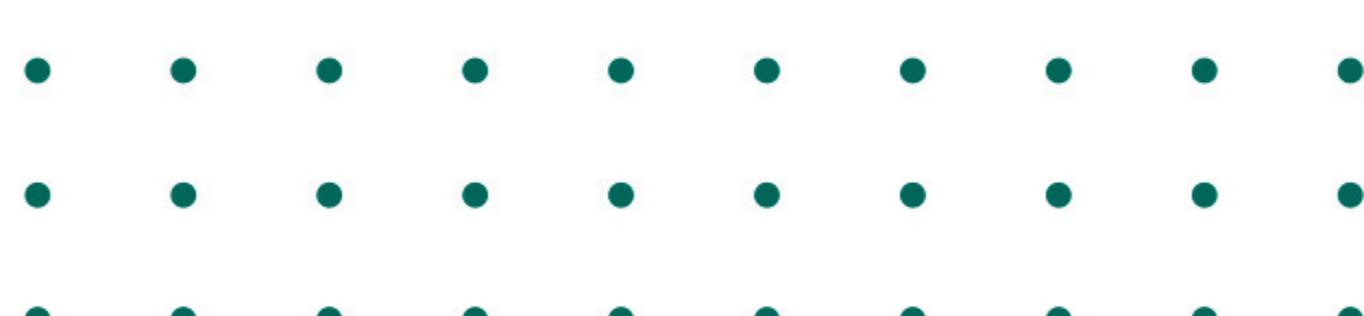


# INDUSTRIAL VISIT



The Department of Computer Science and Engineering organized an industrial visit to Amaravathi Software Solutions in Rajahmundry for students of II CSE A, B, and II DS on 26th October 2024. The visit provided students with valuable exposure to real-world software development processes and advanced IT solutions. They observed various aspects of project management, software development life cycles, and quality assurance, gaining insights into the practical application of theoretical concepts.

The visit also highlighted the importance of innovation, teamwork, and precision in the software industry. Beyond technical learning, students enhanced their problem-solving and critical thinking skills through interactions with industry experts. This experience not only expanded their knowledge but also inspired them to pursue careers in software development, bridging academic learning with real-world practices.



# VEDA 2024

## TECHNICAL SYMPOSIUM

On the occasion of Engineers' Day, the Department of Computer Science and Engineering organized a technical symposium, DIGI 2K24, on 13th and 14th September 2024. The event served as a platform for students to showcase their technical skills and innovative ideas through various competitions, workshops, and paper presentations. DIGI 2K24 fostered collaboration and knowledge sharing among participants, enhancing their problem-solving and critical thinking abilities. The symposium also featured expert talks, providing valuable insights into emerging trends in technology. The event was a grand success, inspiring students to explore and excel in their respective fields.

## VEDA 2024

### WINNERS

#### Paper Presentation 1st Prize



#### Code Reto 1st Prize



22A91A4451  
23A91A4414

Y Syam Sundar - III DS  
Ch Thulasi Sadhvi - II/DS

22A91A05F4      Reddi Deekshith - III/CSE

# VEDA 2024

## TECHNICAL SYMPOSIUM

### Code Reto 2nd Prize



22A91A4466  
V Divya Sri Pravallika  
III/DS

### Web Desino 2nd Prize



21A91A05I1  
R Ramya Sri  
IV/CSE  
21A91A05G5  
N Vamsi Praveen  
IV/CSE

### Tech Talk 2nd Prize



23A91A05A4  
K Uma Vara Lakshmi  
II/CSE  
23A91A0543  
N Jahnavi Sindhu  
II/CSE

### Tech Talk 2nd Prize



22A91A05C6  
J S Naga Sai Archana  
III/CSE

# FACULTY ACHIEVEMENTS



## 1.1 Books/Chapters Published

A book titled “Statistics and Data Visualization using Python” published by Dr P Subba Rao, Scientific International Publishing House in the month of November 2024.



A book titled “Machine Learning and its Application” published by U V Ramesh, Scientific International Publishing House in the month of October 2024.

Mrs N Akhila Published textbook “Advances in Medical Data Analysis:Integrating Machine Learning, Deep Learning and GPU Computing” published in first edition, SIPH, Sep 2024.





# FACULTY ACHIEVEMENTS

## INTERNATIONAL CONFERENCES

Dr K Swaroopa published "Improved Disease Detection Using CNN and Machine Learning Models" 6th International Conference on Computer & Communication Technologies (IC3T 2024) on 04/10/2024 and 05/10/2024.



Dr J Hari published "432-Smart System for Automated Light Intensity Control for Plant Growth" 6th International Conference on Computer & Communication Technologies (IC3T 2024) on 04/10/2024 and 05/10/2024.



Dr Ch V Siva Ram Prasad published "Improved Disease Detection using CNN and Machine Learning Models", 6th International Conference on Computer & Communication Technologies (IC3T 2024) on 04/10/2024 and 05/10/2024.



Dr P Subbarao published "Improved Disease Detection Using CNN and Machine Learning Models" 6th International Conference on Computer & Communication Technologies (IC3T 2024) on 04/10/2024 and 05/10/2024.



A Phani Sridhar published "A Learning Model on Customer Churn Forecasting for Telecom Providers" 6th International Conference on Computer & Communication Technologies (IC3T 2024) on 04/10/2024 and 05/10/2024





# FACULTY ACHIEVEMENTS



A Vikram, published “Soil Type Detection and Crop Prediction Using Deep Learning Method CNN” , 2024 IEEE 3rd World Conference on Applied Intelligence and Computing in Nov 2024.

## INTERNATIONAL JOURNALS

Dr V Vaitheeswaran, published “Iris neoplasm and Psoriasis Image Segmentation through Improved Exchange Market Algorithm, IEEE Journal on Oct,2024.



Dr. Hari Jyothula, published “Enhancing the Medical Diagnosis System and Treatment by Counterfactual Diagnostic Algorithm” Communications on Applied Nonlinear Analysis on Oct,2024.

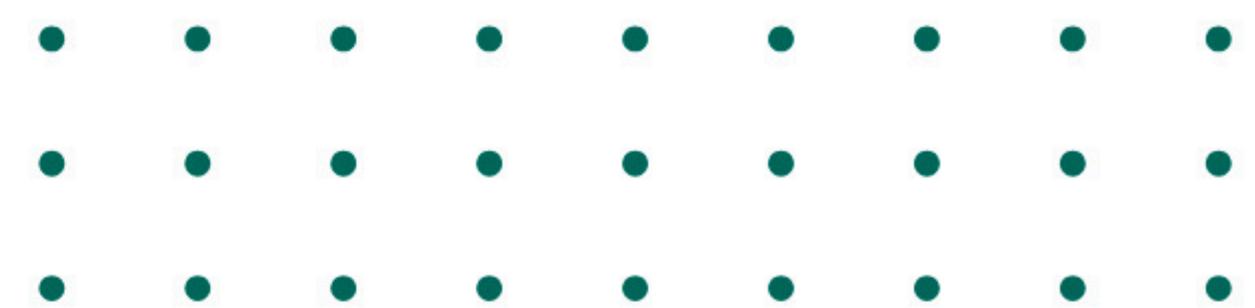


Dr P Subba Rao, published “Identification Of Downy Mildew And Anthocnnose in Verduries Using Deep Learning Fused Architecture of Mobile-Net and Res-Net” Frontiers in Health Informatics on Oct 2024.



K Govinda Raju published “Hyperelliptic curve signcryption based privacy preserving message authentication and fuzzy TOPSIS-based trust management scheme for fog enabled VANET” Springer on Oct 2024.





# FACULTY ACHIEVEMENTS

Dr. K.V. Sobha Rani, Dr. CH.V.Siva Ram Prasad, D.Naga Tej, Dr Subba Rao Polamiri published “Identification Of Downy Mildew And Anthocnnose in Verduries Using Deep Learning Fused Architecture of Mobile-Net and Res-Net” Frontiers in health informatics in Nov 2024.



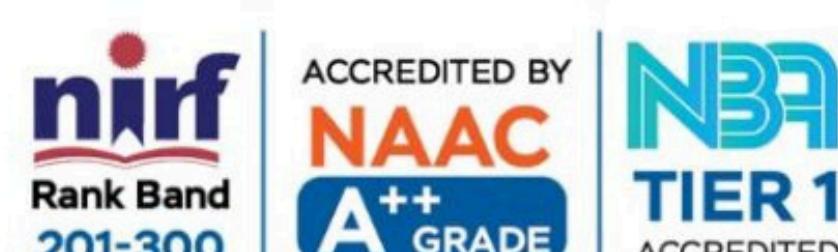
B.Venkatesh, Dr. N.Sandhya, Neelima Gogineni, K.Mouneswari, Susanna Sreshta Joshi, Dr S Rama Sree published “Integrating Genetic algorithm and Leverage the slap swarm algorithm to optimize the Multi-Objective Random Forest model to predict cerebrovascular disease” The Bioscan An International Quarterly Journal of life sciences in Nov 2024.



Mukta Sandhu , Dr M Jithender Reddy , Dr.M.Bheemalingaiah , Dr. KARTHIKEYAN C , Dr.A.Azhagu Jaisudhan Pazhani , Dr Subba Rao Polamur published “Prediction of Heart Disease by Developing the Hybrid Deep Learning Models to Attain Higher



# FACULTY ACHIEVEMENTS



*Congratulations*  
**RESEARCH ARTICLE PUBLISHED**

Title of the Paper: Framework for automation of short answer grading based on domain-specific pre-training

Journal: Engineering Applications of Artificial Intelligence

Impact factor & Quartile: 7.5 & Q1

#RESEARCHATAUS

**#RESEARCHATAUS**



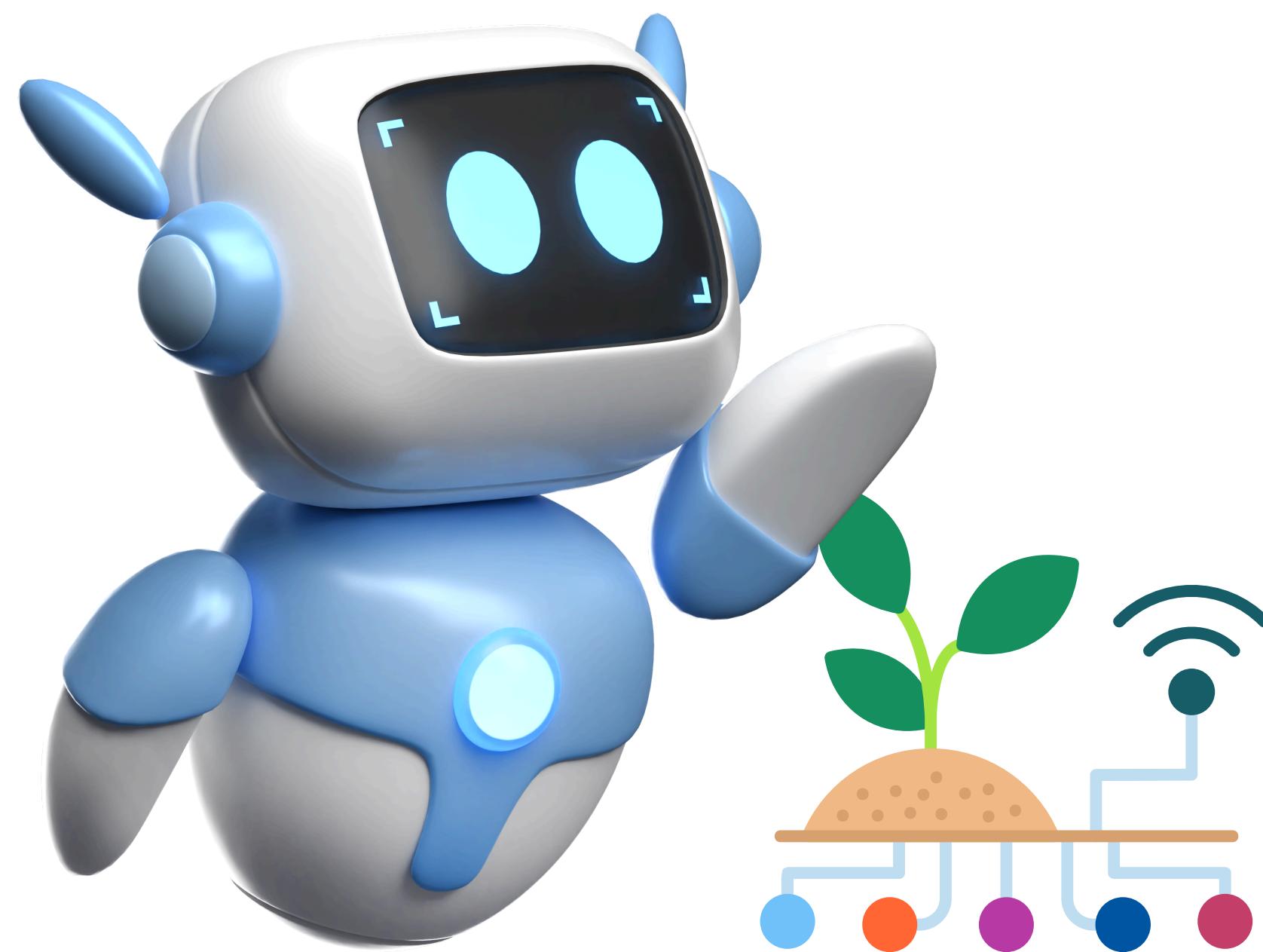
**Dr. S. Rama Sree**

Pro Vice-Chancellor (Academics)  
Department of Computer Science and Engineering

Dr. S. Rama Sree, Pro Vice Chancellor (Academics), has published a research article titled "Framework for automation of short answer grading based on domain-specific pre-training" in the prestigious Journal Engineering Applications of Artificial Intelligence! This achievement showcases our institution's commitment to innovation and academic excellence.



# FACULTY ACHIEVEMENTS



## New Patent Announcement: AI-Based Crop Health Monitoring Device

We are proud to announce the registration of a groundbreaking design under the Designs Act, 2000, and Rules, 2001. This innovation focuses on an AI-Based Crop Health Monitoring Device, aimed at transforming agricultural practices through advanced technology.

The patent, classified under Serial No. 183138 and Design No. 428134-001, was registered on August 25, 2024, recognizing the contributions of an esteemed team:

Dr. M. Jayamanmadharao

Dr. Subba Rao Polamuri

Dr. B. Nalini

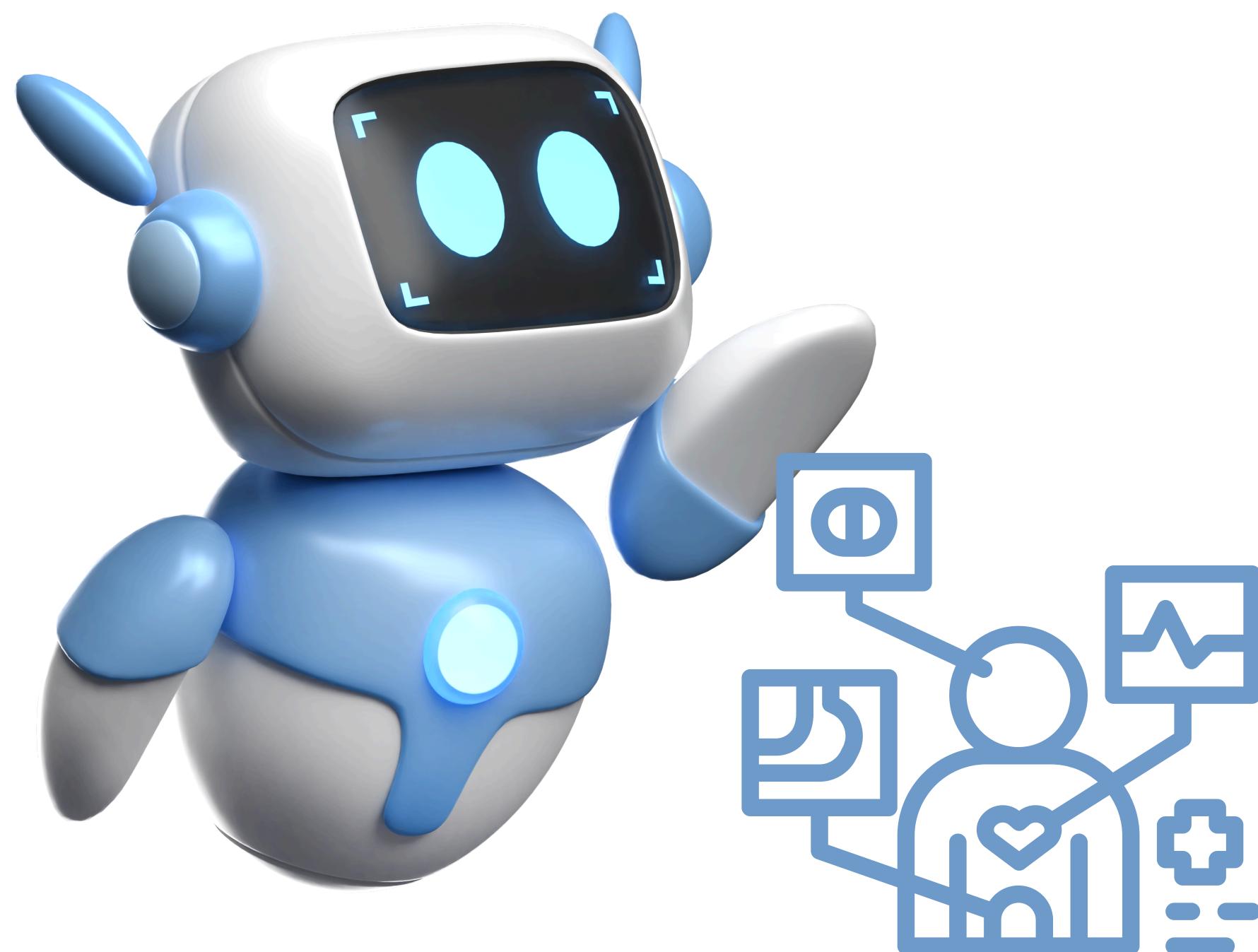
Mrs. Bikkili Alekya Himabindu

Mrs. Bigul Sunitha Devi

Mrs. Beauty Singh

Dr. Jami Venkata Suman

# FACULTY ACHIEVEMENTS



## New Patent Announcement: Digital IoT-Based Device for the Detection of Paranasal Sinus Cancer

We are proud to announce the registration of a groundbreaking design under the Designs Act, 2000, and Rules, 2001. This innovation focuses on a Digital IoT-Based Device for the Detection of Paranasal Sinus Cancer, aimed at revolutionizing medical diagnostics with advanced IoT technology.

The patent, classified under Serial No. 178796 and Design No. 424983-001, was registered on July 28, 2024, recognizing the contributions of an esteemed team:

**Dr. Vidyasarawathi H N**

**Dr. Subuddi Nagaraju**

**Dr. V. Vasudha Rani**

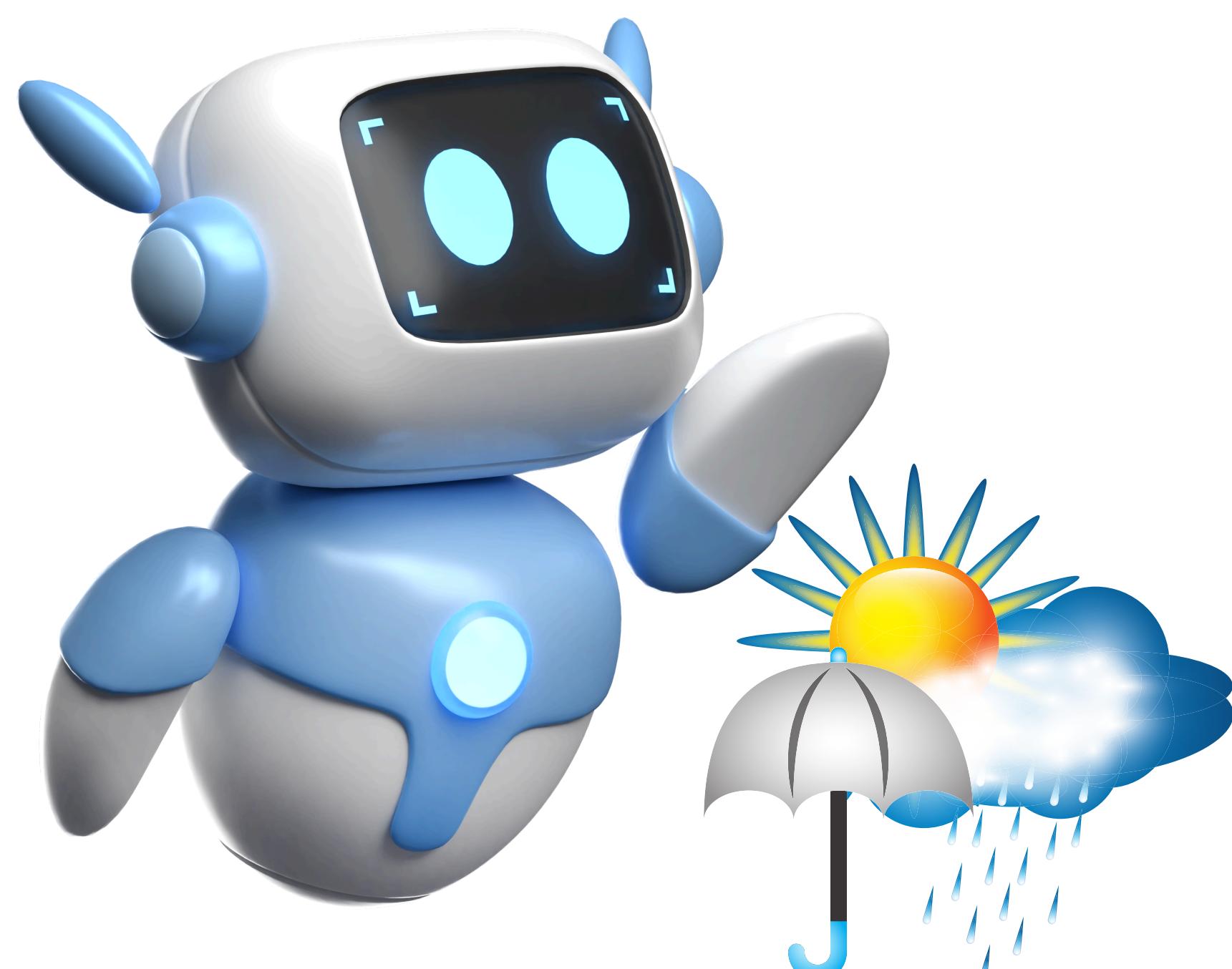
**Dr. Gotte Vasavi**

**Dr. B. Nalini**

**Dr. Subba Rao Polamuri**

**Mr. Mohankrishna Potnuru**

# FACULTY ACHIEVEMENTS



## New Patent Announcement: AI-Based Weather Monitoring and Predicting Device

We are proud to announce the registration of a groundbreaking design under the Designs Act, 2000, and Rules, 2001. This innovation focuses on an AI-Based Weather Monitoring and Predicting Device, aimed at enhancing meteorological practices through artificial intelligence.

The patent, classified under Serial No. 184669 and Design No. 427471-001, was registered on August 20, 2024, recognizing the contributions of an esteemed team:

Dr. Kalisetti Purushotham Prasad  
Dr. Subba Rao Polamuri  
Dr. Srinivasa Reddy Kurukuntla  
Mr. Nalika Aravind  
Dr. Sakam Nagi Reddy  
Mr. Madhav Prabhu  
Dr. Jami Venkata Suman



# FACULTY ACHIEVEMENTS

## Session Chairs

Dr Rama Sree for Chairing the session in the DST SERB Sponsored 6th International Conference on Computer & Communication Technologies (IC3T 2024) organized by Department of AI&ML, School of Computing, Mohan Babu University, Tirupati, Andhra Pradesh, during 04.10.2024 & 05.10.2024.



1) Dr P Subba Rao for Chairing the session in the DST SERB Sponsored 6th International Conference on Computer & Communication Technologies (IC3T 2024) organized by Department of AI&ML, School of Computing, Mohan Babu University, Tirupati, Andhra Pradesh, during 04.10.2024 & 05.10.2024.



# FACULTY ACHIEVEMENTS



**ADITYA UNIVERSITY**

Department of Computer Science and Engineering



Dr.A.Vanathi  
Associate Professor



Mr.K.Govindaraju  
Assistant Professor



Mr.G.Uma Mahesh  
Assistant Professor

**Congratulations for being recognized as  
NPTEL DISCIPLINE STAR  
(JUL-DEC 2024)**

**Dr.A Vanathi , Mr.K.Govindaraju & Mr.G.Uma Mahesh  
( Computer Science and Engineering ) recognized as NPTEL  
DISCIPLINE STAR ( Jul - Dec 2024 )**



# TEACHER'S DAY CEREMONEY



Teachers Day is celebrated on Sep 5th 2024 commemorating the birth anniversary of Dr. Sarvepalli Radhakrishnan, a distinguished teacher



# STUDENT ACHIEVEMENTS

## HACKATHONS



A team of innovative minds from Aditya University ,Agrovisioners, showcased their exceptional talent and creativity at the prestigious Hackoverflow 2024 hackathon.

The team comprised

**Syam Sundar Yadla - III DS**

**Hari Krishna R - III DS**

**P Phanindra - III DS**

**Ch Sadhvi - II DS**

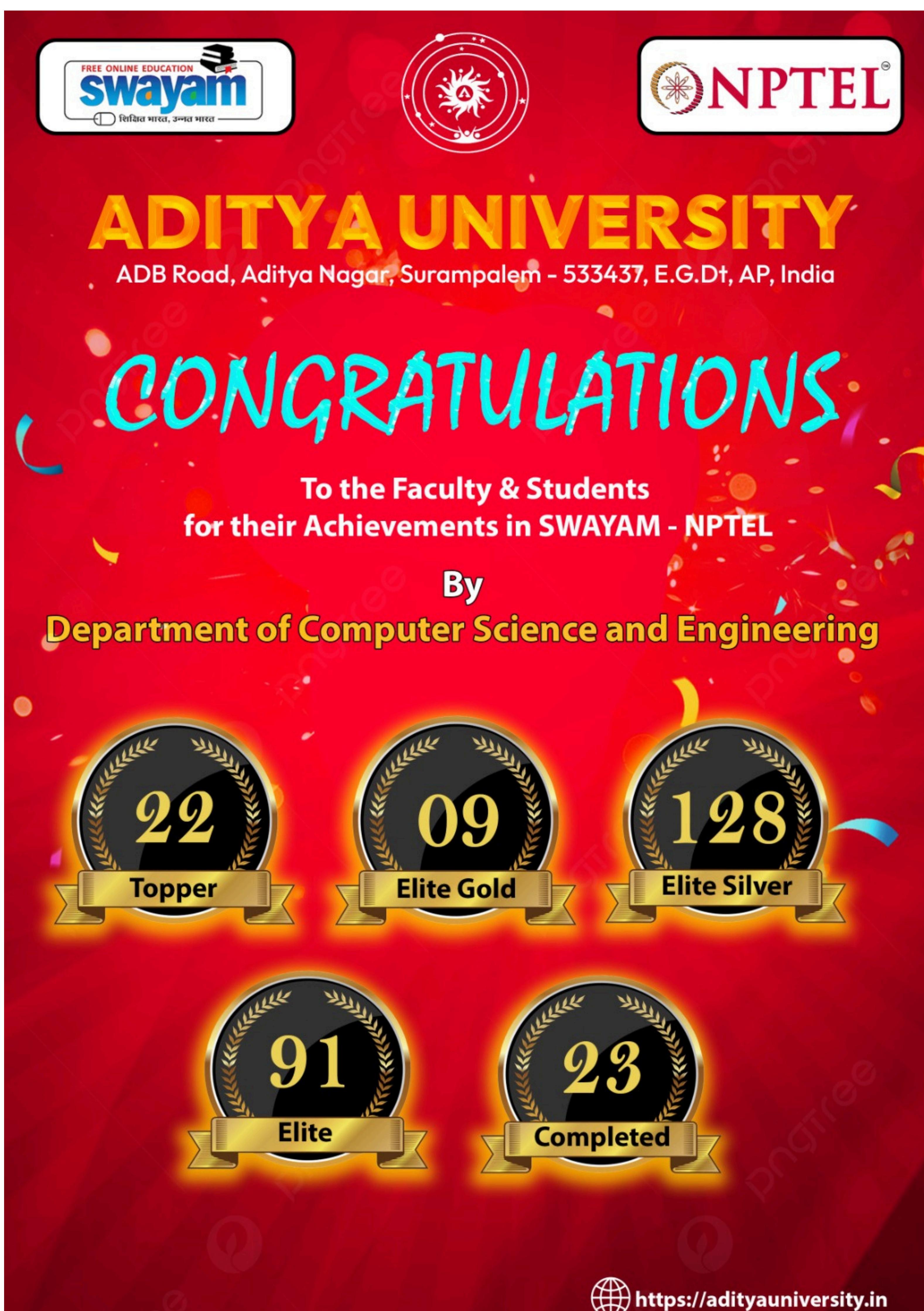
**K Vyshnavi - II DS**

Under the theme Agriculture, the team presented a groundbreaking solution aimed at addressing modern agricultural challenges with the power of technology. Their project combined innovation and practicality, receiving accolades from the judges and participants alike.

This remarkable effort highlights the team's dedication, teamwork, and technical expertise, bringing pride to Aditya University . Congratulations to Agrovisioners for their outstanding achievement!



# STUDENT ACHIEVEMENTS



# STUDENT ACHIEVEMENTS



**ADITYA UNIVERSITY**

ADB Road, Aditya Nagar, Surampalem - 533437, E.G.Dt, AP, India

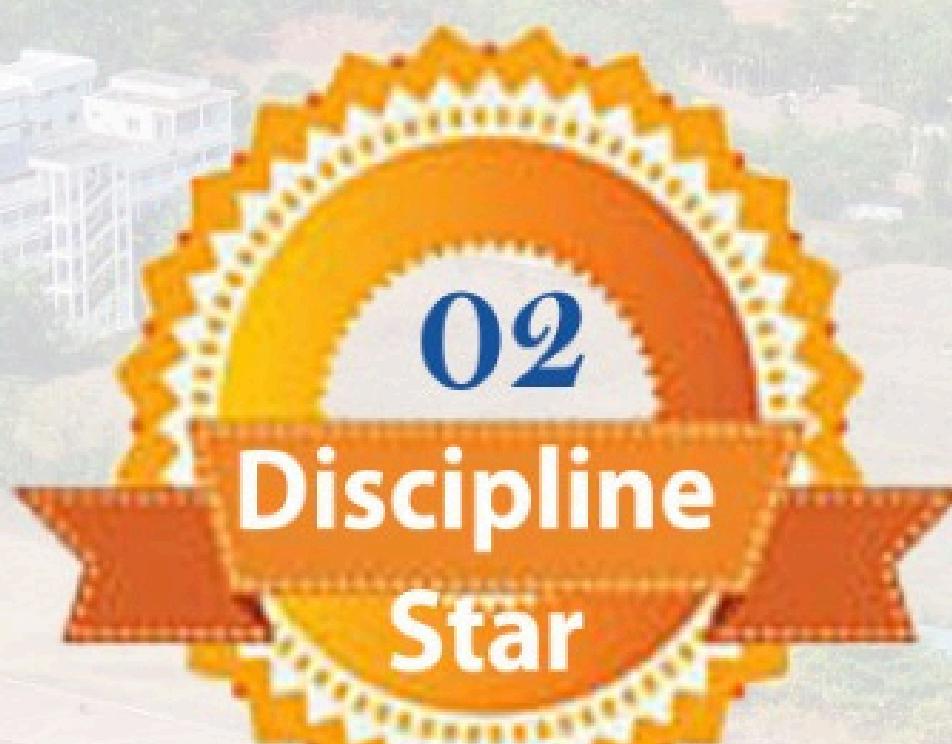


## Congratulations

To the Faculty & Students for their Achievements in  
**SWAYAM - NPTEL**

By

**Department of Computer Science and Engineering**



<https://adityauniversity.in>



# STUDENT ACHIEVEMENTS

## Co-Curricular/Extra-Curricular Activities



B. Gangadhara Rao, CSE student, on winning the Bronze Medal in Discuss Throw at the JNTUK Inter Collegiate Athletics Men & Women Championship 2024-25

G. Nagendra from the CSE Department on securing a Bronze in the 100m, a Silver in the 4x100m relay



# STUDENT ACHIEVEMENTS



Congratulations

For being placed in



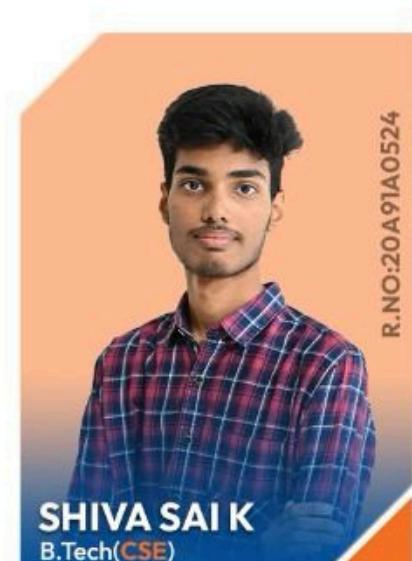
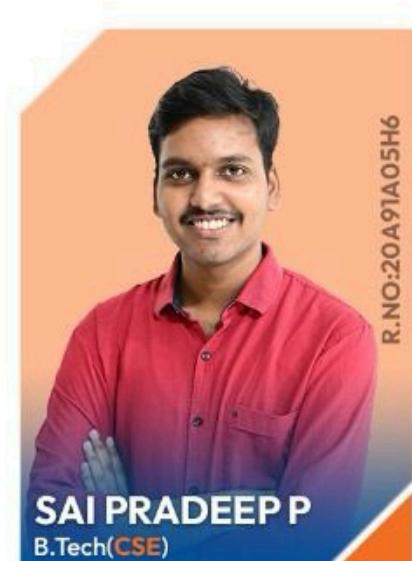
Package

₹ 6 LPA

# AdityasPride  
adityauniversity

NAAC A++ | NBA  
ACCREDITED BY GRADE | TIER 1 ACCREDITED

#2024 PLACEMENTS



COUNSELLING CODE  
**EAPCET - ADTPPU**

[www.adityauniversity.in](http://www.adityauniversity.in)

RAMA REDDY T (20A91A05C0), SAI PRADEEP P (20A91A05H6), PRAVALLIKA G (20A91A0521), SHIVA SAI K (20A91A0524) has been placed in POSIDEX with ₹ 6 LPA

D RAMYA (22A91A05H3) has got internship offer at GOOGLE with stipend ₹ 1.23LPA.

The graphic features the Aditya University logo, NAAC A++ and NBA accreditation logos, and the text "Computer Science and Engineering # 2026 BATCH". It includes a large "Congratulations" message, a portrait of Desu Ramya, and details about her stipend of ₹ 1.23 Lakh per month. It also mentions she got an internship offer at Google. Social media links and the university's website are included at the bottom.

ADITYA UNIVERSITY

nirf RANK-BAND 201-300 | NAAC A++ | NBA ACCREDITED BY GRADE IN MSB UNDER TIER 1

Computer Science and Engineering # 2026 BATCH

Congratulations

Stipend ₹ 1.23 Lakh per month

Got Internship offer at Google

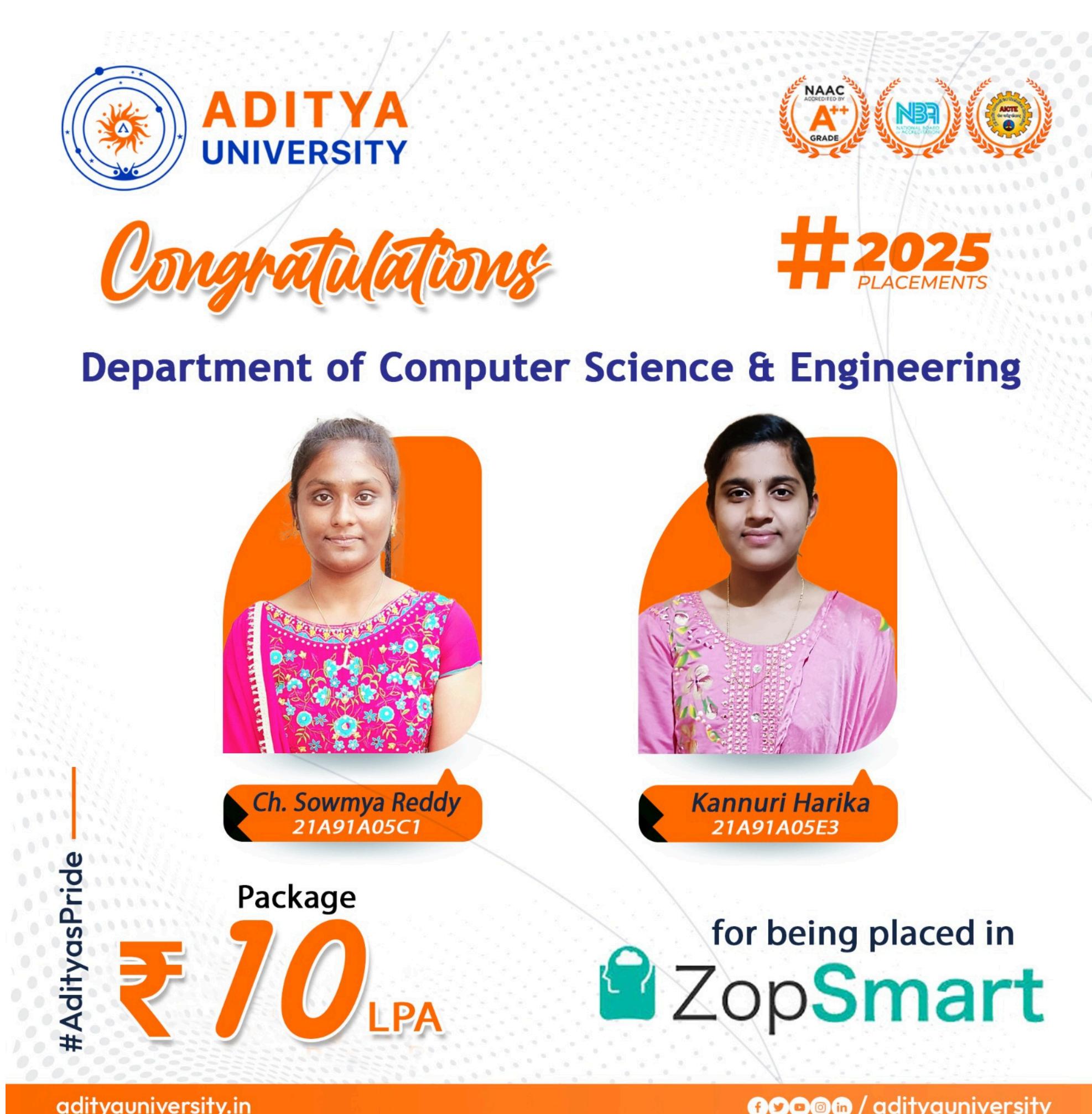
DESU RAMYA  
22A91A05H3

# AdityasPride  
adityauniversity

www.aec.edu.in



# STUDENT ACHIEVEMENTS



K.MAHIMA (21A91A0568)  
has got internship offer at TCS with  
stipend ₹ 3.86LPA.



# STUDENT ACHIEVEMENTS



*Congratulations*

Department of Computer Science & Engineering



Ch. Sowjanya Reddy  
21A91A05C0



N.H Subba Reddy  
21A91A05G6

#2025  
PLACEMENTS



#AdityasPride

Package

₹ 7.5 LPA

adityauniversity.in

for being placed in



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Ch.SOWJANYA REDDY

(21A91A05C0)

N.H SUBBA REDDY (21A91A05G6)

has got internship offer at TEJAS

NETWORKS with stipend ₹ 7.5LPA.

G.BABY LALITHA DEVI

(21A91A05D2)

has got internship offer at SOTI with  
stipend ₹ 7.5LPA.

ADITYA UNIVERSITY

NAAC A++ | NBA

Dept. of Computer Science and Engineering

congratulations

# 2025 PLACEMENTS

Package ₹ 7.5 LPA

For being placed in SOTI

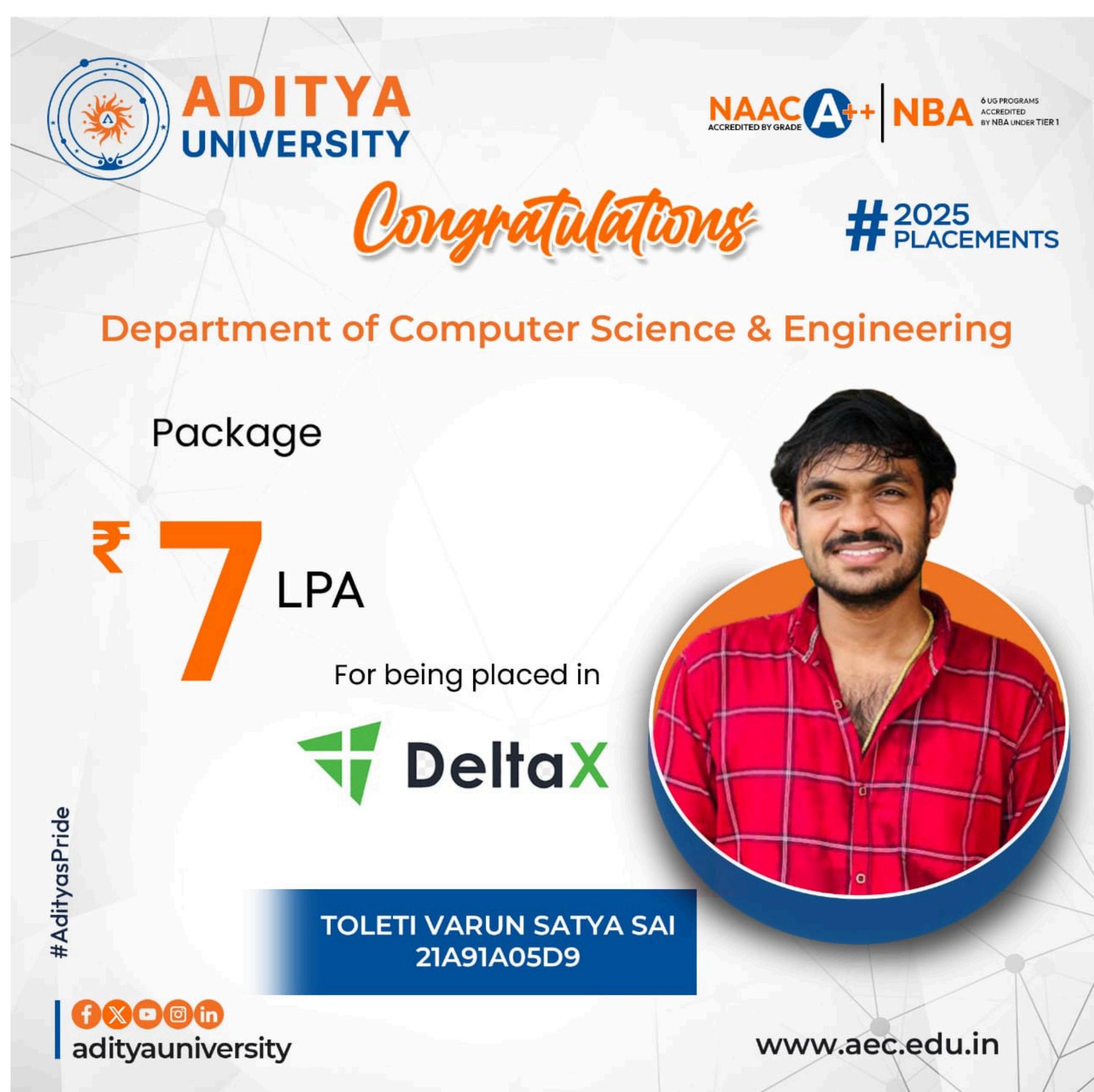
G.Baby Lalitha Devi  
21A91A05D2

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# STUDENT ACHIEVEMENTS



**T.VARUN SATYA SAI (21A91A05D2)**  
has got internship offer at SOTI with  
stipend ₹ 7.5LPA.

**N.HARSHENDRA SUBBA REDDY  
(21A91A05G6)**  
**A.HARSHITH (21A91A05J6)**  
has got internship offer at  
**DARWINBOX** with stipend ₹  
16.30LPA.



# STUDENT ACHIEVEMENTS



nirf | ACCREDITED BY NAAC A++ GRADE | NBA TIER 1 ACCREDITED

Dept. of Computer Science and Engineering

Congratulations



L. LAKSHMI VIJAY  
21A91A05E5



CH. SWAROOP  
22A95A0518

#2025 PLACEMENTS

for being placed in

A P X O R

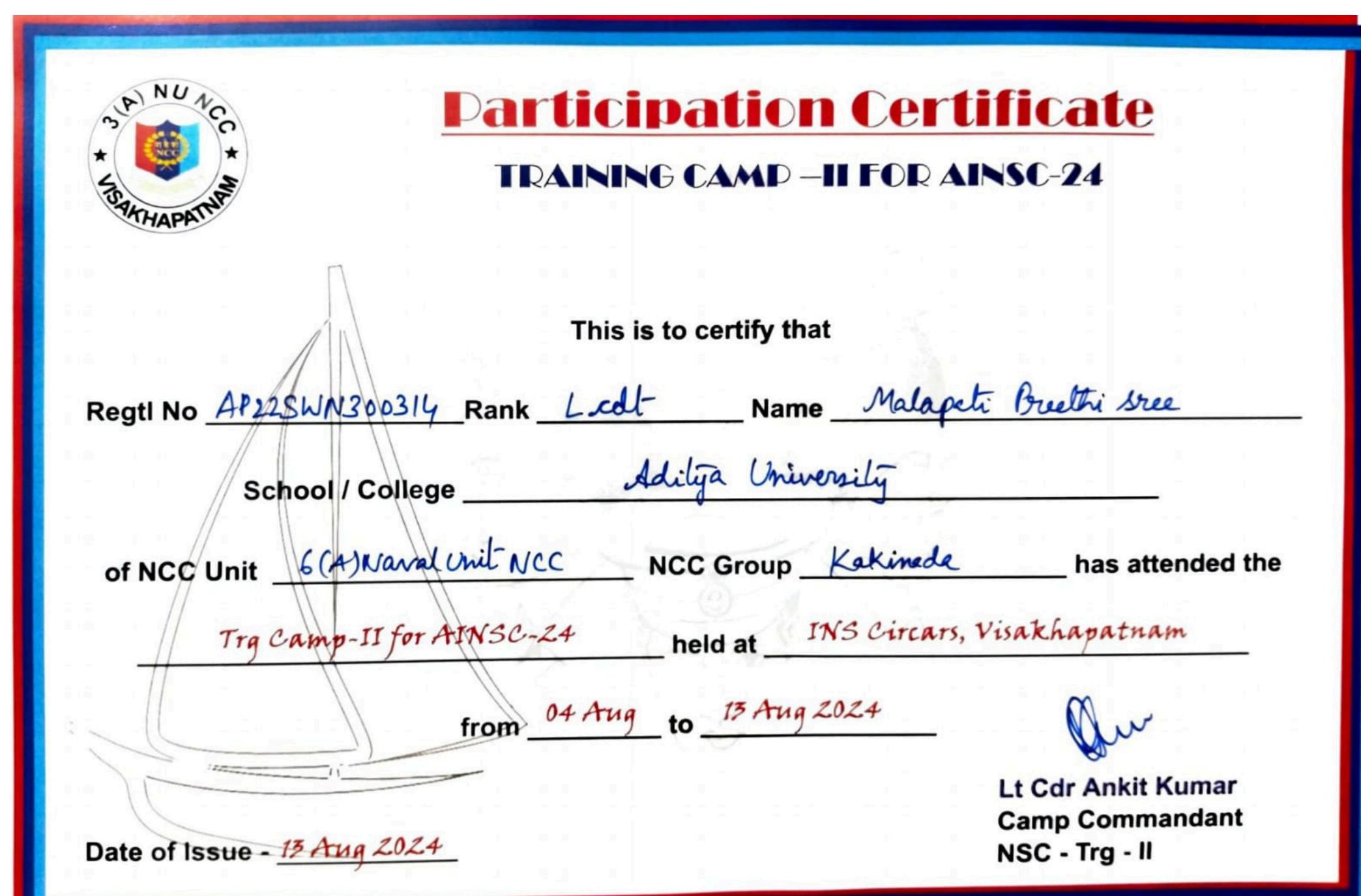
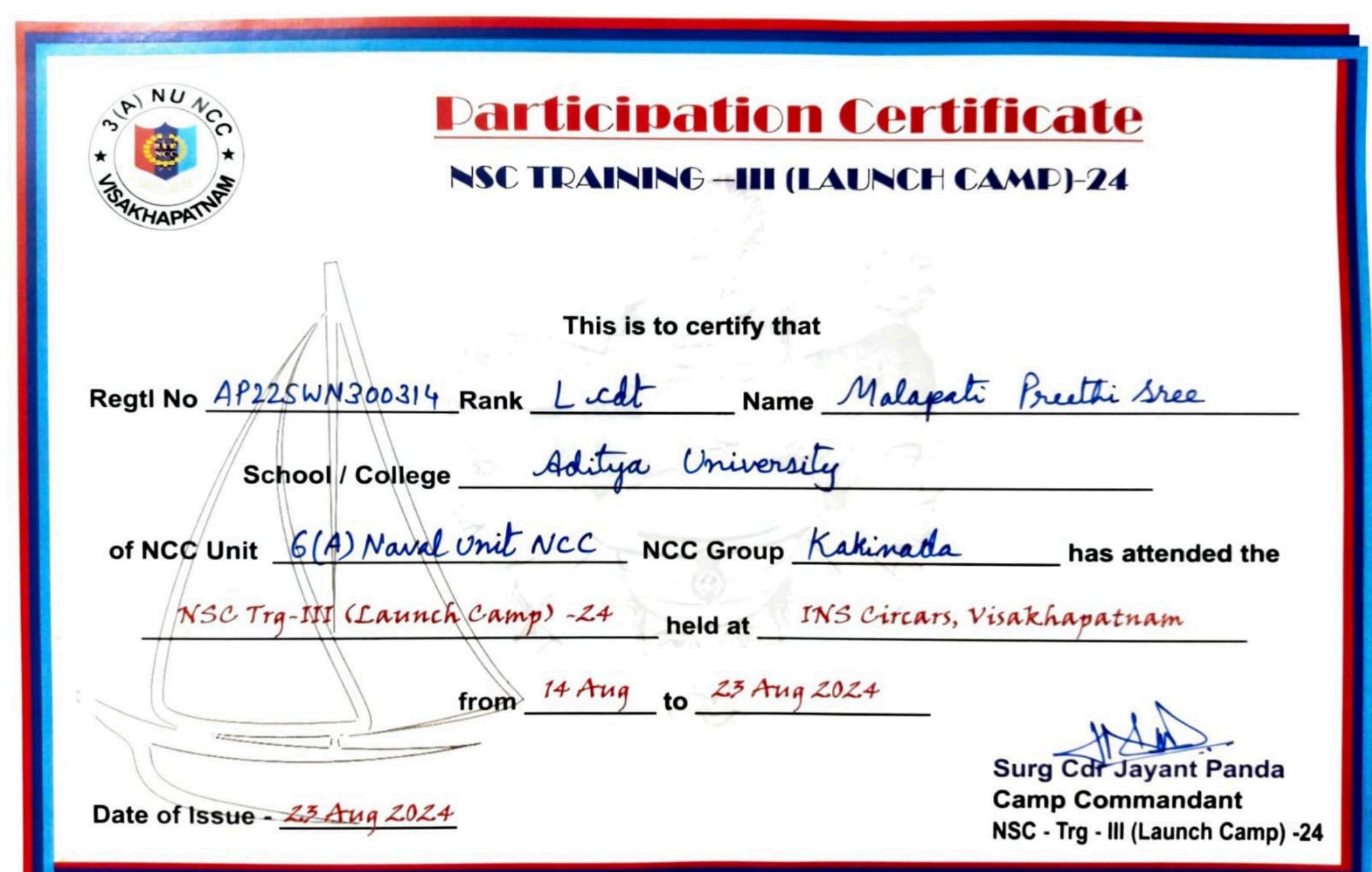
Package  
₹ 4-7 LPA

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L.LAKSHMI VIJAY (21A91A05E5)  
Ch.SWAROOP (22A95A0518)  
has got internship offer at APXOR  
with stipend ₹ 4-7LPA.

# STUDENT ACHIEVEMENTS



Malapeti Preethi Sree ( Regt No: AP22SWN300314 ) of Aditya University has Participated in Training Camp - II For AINSC-24 of 6(A) Naval Unit NCC group Kakinada which was held at INS Circars, Visakhapatnam



# CAMPUS LIFE



nirf ACCREDITED BY NAAC A++ GRADE NBA TIER I ACCREDITED

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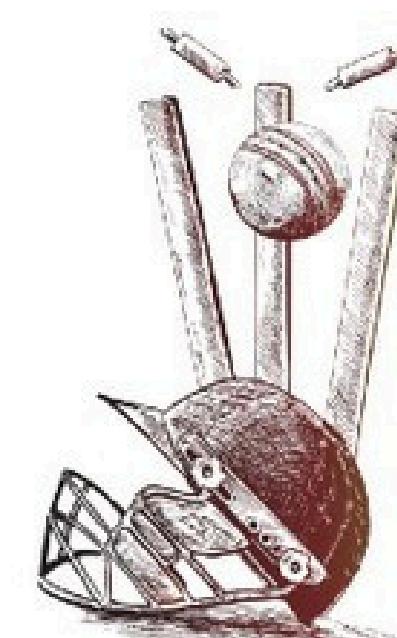
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adityauniversity

## INAUGURATION CEREMONY

### APL, AFL, AKL, AKKL

Organized by

Dept. of Physical Education



[www.adityauniversity.in](http://www.adityauniversity.in)

An exciting journey of sportsmanship and competition begins as we kick off the Aditya Premier League (APL), Aditya Football League (AFL), Aditya Kabaddi League (AKL), and Aditya KHO-KHO League (AKKL)! 🏆⚽️🏀🏃‍♂️ The inaugural ceremony marked the start of an action-packed season where talent, teamwork, and passion will shine on the field.



# STUDENT ACHIEVEMENTS



**330 Students**  
*Summer internships*

This year, we are proud to announce that over 300 students successfully completed summer internships across a range of technologies and industries. These internships provided valuable hands-on experience, allowing our students to apply their classroom learning in real-world settings. From artificial intelligence and machine learning to software development and data analytics, our students have gained exposure to cutting-edge technologies. We believe these experiences have significantly enhanced their skills and prepared them for future challenges in the professional world.

# EDITORIAL BOARD



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**Dr . K. Swaroopa**

Associate Professor & HOD



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**Dr. P. Subba Rao**

Associate Professor



**Assistant Editor**

**U. Subash**

22A91A4449



**Assistant Editor**

**Y. Syam Sundar**

22A91A4451