



St. JOSEPH'S INSTITUTE OF TECHNOLOGY

We Make You Shine

(AN AUTONOMOUS INSTITUTION)

OMR, CHENNAI - 119



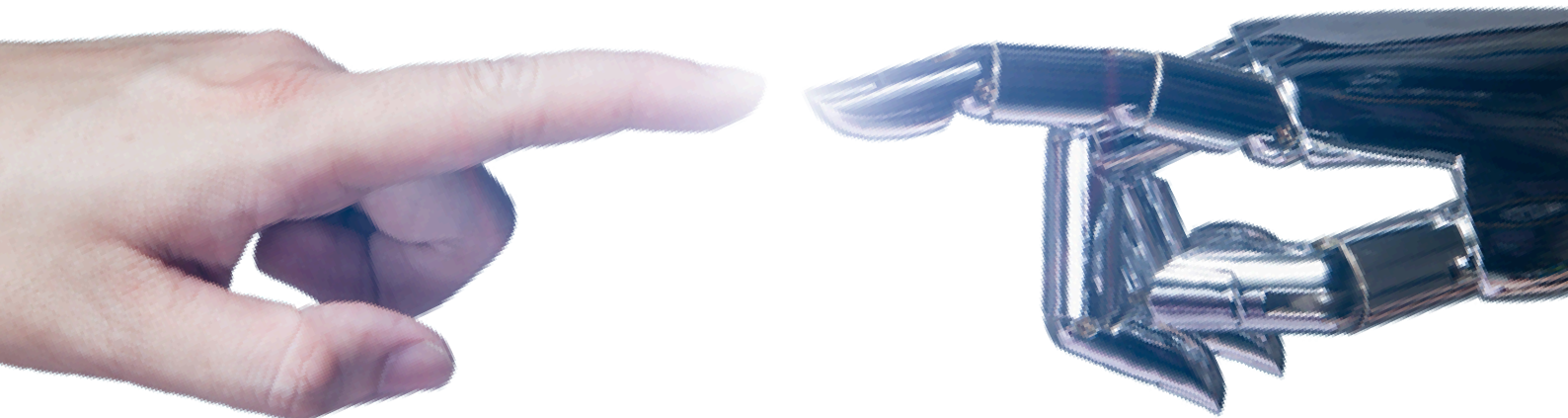
NEWSLETTER

APRIL 2025

ISSUE 16



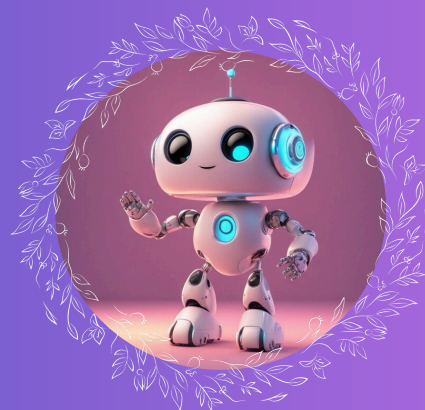
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



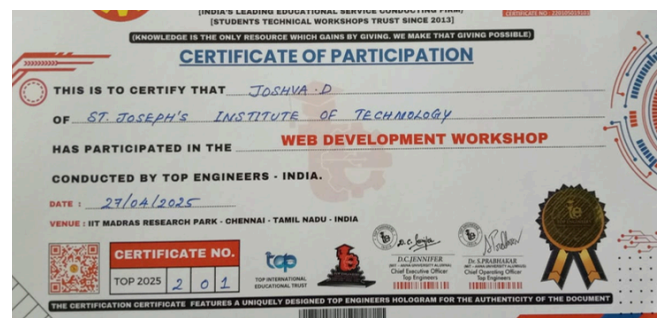
IMAGINE, INNOVATE, IGNITE WITH AI

CONTENTS

1. Student Achievements
2. Student Paper Publication
3. M2 Program
4. My Gov Campus Ambassador Event
5. NPTEL Toppers
6. Summer Internship Training
7. Industrial Visits
8. Industry Academia Interaction
9. Placements
10. Student Internship with stipend
11. International Expert Talk
12. Research Centre Inspection
13. SkillRack Toppers
14. Education Conclave AI Pragati
15. Staff Achievements
16. EduTech Pioneers



STUDENT ACHIEVEMENTS



Joshva D and G. Pardhavika of II Year ADS actively participated in a **web development workshop** conducted by Top Engineers India. The event took place at the prestigious **IITM Madras Research Park, Chennai**. The workshop provided in-depth knowledge of modern web technologies and hands-on project development. Participants gained practical experience in building responsive and dynamic web applications. This exposure greatly enhanced their technical skills and understanding of real-world web development practices.

STUDENT ACHIEVEMENTS



INTERNSHALA
STUDENT PARTNER

INTERNSHALA

Scholverse Educare Pvt. Ltd.,
B-610, Unilech Business Zone,
Nivana Country, South City 2,
Gurgaon, India - 122018

19/04/2025

Dear Dev,

Welcome to Internshala Student Partner (ISP) program!

We hope that you are excited to embark on a transformational journey with us. At Internshala, we consider the ISP team to be our biggest strength when it comes to educating college students across the world about the power of internships and online trainings. Thus, we take pride in hiring ONLY the best and the brightest! We are sure that you would play a vital role in helping us realize our vision of creating a world full of opportunities for the students.

Your appointment as an ISP will be governed by the terms and conditions presented in **Annexure A**

Congratulations!

Warm regards,

Ferhan Hazarika

Growth Head - Internshala

[Internshala](#) ~ 'connecting students with internships from 80,000+ brands'

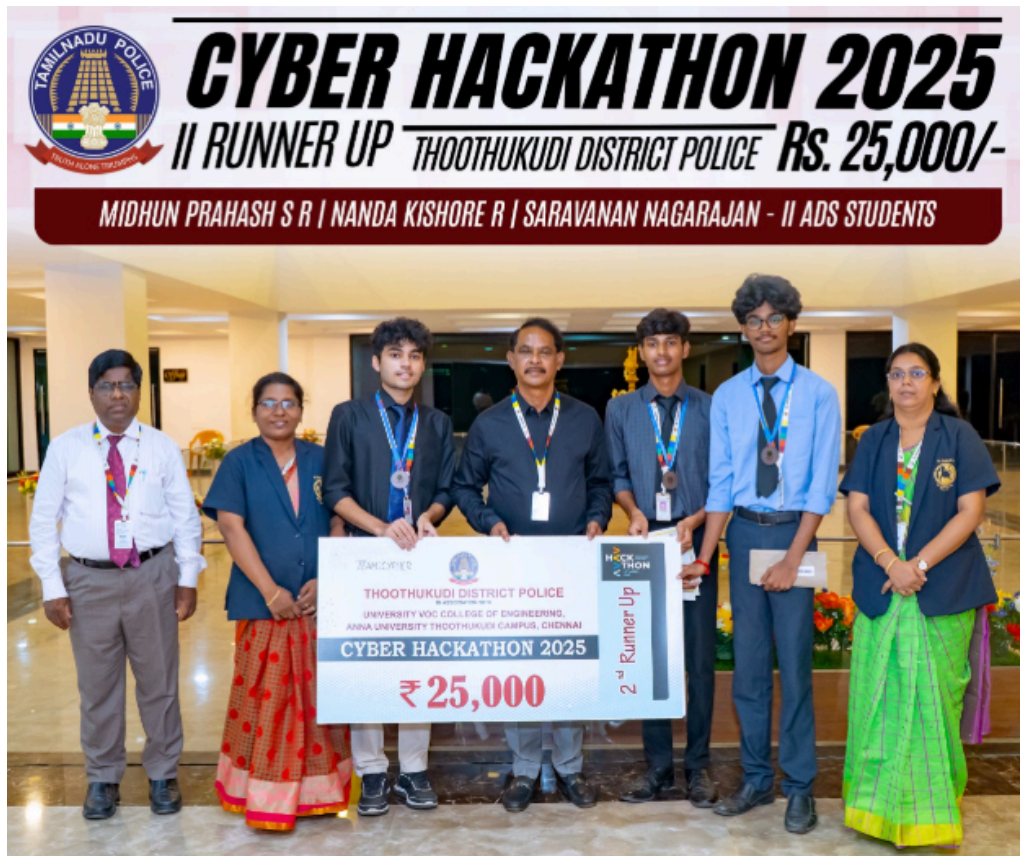
M Dev Anandhan of II Year ADS Student has been selected as an **Internshala Student Partner (ISP)**, a prestigious role that recognizes proactive and enthusiastic students across India. As an ISP, he will **act as a bridge between Internshala and his peers**, promoting internship and training opportunities. His responsibilities include organizing online and offline activities, spreading awareness about career-building resources, and guiding students in exploring various internship options. This role will **help him develop leadership, communication, and marketing skills**. His selection as an ISP is a commendable achievement and reflects his initiative and commitment to student development.

STUDENT ACHIEVEMENTS



S. A. Arvind Kumar Ponsingh of III Year ADS student has successfully earned the **Salesforce AI Associate Certification**, demonstrating his foundational knowledge in AI concepts as applied within the Salesforce ecosystem. This certification validates his understanding of responsible AI practices, data readiness, and the use of Salesforce AI tools like Einstein. It also highlights his ability to integrate AI solutions into customer relationship management processes. His achievement showcases a **strong commitment to advancing in the field of AI and cloud-based platforms.**

STUDENT ACHIEVEMENTS



Thoothukudi District Police Hackathon CYBER HACKATHON-2025



2nd Runner Up

Problem Statement

CrimeSpot : Targeting Hotspots for Smarter Policing
The aim is to develop an advanced crime analysis and prediction system that leverages data to identify and monitor crime hotspots in a city. The system will analyze distress call data and historical crime data, including the types of crimes, frequency, time of occurrence, and geographic location, to generate a comprehensive overview of crime trends.

Cash Prize of

Rs.25,000/-

Team Members :

IInd Year
ADS

Nanda Kishore R
Saravanan Nagarajan
Midhun Prahash SR

STUDENT ACHIEVEMENTS



In collaboration with IBM Cloud
and Digilabs

36 Hrs

held at 11/04/2025



Mohamed Sathak A.J. College of
Engineering



Problem Statement : AI-Driven Language Translation for Real-Time
Solution: Sign Language Detection Model Integrated chat assistant

Velan R(ADS)

Yogeshwaran B(ADS)

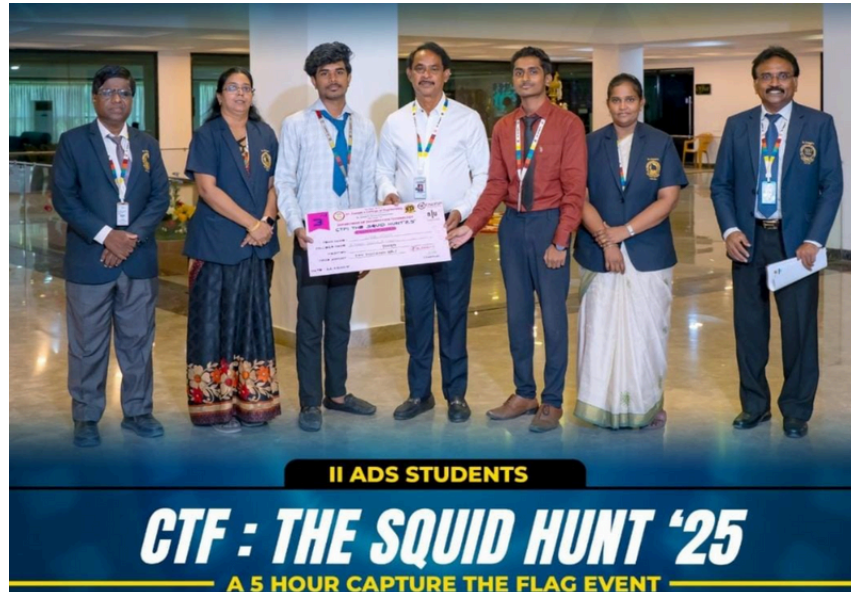
Yadav Prasad G B(ADS)

Yugarakshini G S(CSE)



A team of talented students from the Department of Artificial Intelligence and Data Science at St. Joseph's Institute of Technology secured **First Place** at the prestigious **Project X Hackathon 2025**, hosted by **Mohamed Sathak A.J. College of Engineering** in collaboration with **IBM Cloud** and **Digilabs**. The 36-hour innovation challenge witnessed fierce competition, with their impactful project titled "**Real-time Sign Language Detection with Chat Assistant**", which aims to bridge communication gaps for the hearing and speech impaired. The winning team—**Velan R**, **Yogeshwaran B**, **Yadav Prasad G B** from ADS, and **Yugarakshini G S** from CSE—took home a cash prize of ₹15,000/-

STUDENT ACHIEVEMENTS



Janish Andrin J and Pradheep Raja A, II Year ADS students, participated in The Squid Hunt 2025 – Capture The Flag (CTF) event held on 26th March 2025. Demonstrating strong problem-solving and cybersecurity skills, they secured 3rd place in the competition and received a cash prize of ₹2,000/-. Additionally, their outstanding performance earned them internship opportunities, as offered to the top three teams.

Achievers Day
Participation
130+



NPTEL
Achievement
270+



Over 130 students from the Department of ADS participated in **Achievers Day 2025** on **April 12, 2025**, celebrating excellence across academics and extracurricular activities. The event honored the dedication and success of our students in various domains. **More than 270 students** successfully cleared the **NPTEL Examination**, earning certifications in diverse subjects and bringing pride to the department.



STUDENT PAPER PUBLICATION

SECOND INTERNATIONAL CONFERENCE ON TRENDS IN ENGINEERING SYSTEMS AND TECHNOLOGIES 2025 (ICTEST 2025)

A Comparative Analysis of Medical Image Segmentation Utilizing U-Net Architectures: Efficient net-B7, Half U Net and Nested U-Net



Government Model Engineering College Thrikkakara, Kochi, Kerala, April 3-5, 2025

Arunpranav R K Arun Vijay A P
Arvind Kumar Ponsingh S A

III Year ADS

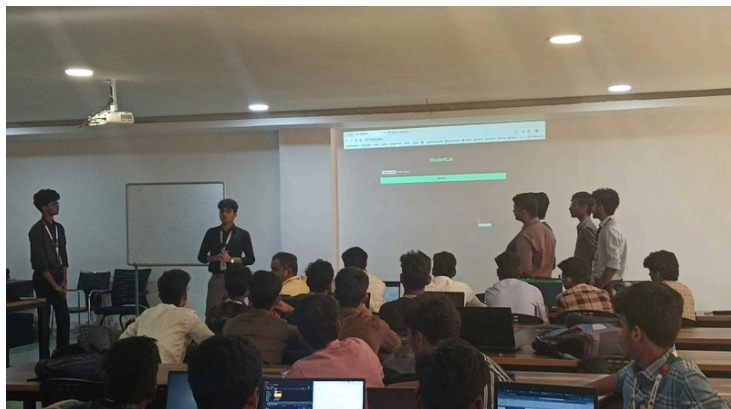
Arunpranav R K, Arun Vijay A P and Arvind Kumar Ponsingh S A (III Year ADS students) Presented a paper titled, “A Comparative Analysis of Medical Image Segmentation Utilizing U-Net Architectures: Efficient net-B7, Half U Net and Nested U-Net”, 2nd International Conference on Trends in Engineering Systems and Technologies (ICTEST 2025), organized by Govt. Model Engineering College, in association with the IEEE Kerala Section, held on April 3rd, 4th, and 5th, 2025, at Kochi.

M2 PROGRAM



A total of **47 students of III Year ADS** took part in the hands-on session on **"SQL and Data Structures & Algorithms (DSA)"**, designed to strengthen both database and algorithmic problem-solving skills. The session covered essential database concepts, along with practical training on writing and optimizing queries, and using joins, subqueries, group functions, and constraints effectively. On the algorithmic front, students explored algorithm design techniques, and learned to analyze time and space complexity. The session included live coding exercises, enabling students to apply concepts in real time. The session was facilitated by **Hemchandar**, an industry expert from **AptitudeGuru**, who brought an engaging and application-oriented approach to the learning experience.

M2 PROGRAM



A total of **80 II Year ADS students** actively participated in the session on **"Introduction to Generative AI"**, which provided a comprehensive overview of the foundational and advanced concepts in the field. The session covered key topics such as **Neural Networks (Deep Learning)**, **Transformers like GPT and BERT**, **Generative Adversarial Networks (GANs)**, and **Diffusion Models** used in cutting-edge image generation technologies like **DALL-E** and **Stable Diffusion**. The session was led by **Barathi Ganesh HB, Product Head at RGB.AI**, who brought valuable industry insights and real-world applications into the classroom, enhancing the students' understanding of modern generative AI systems.

MYGOV CAMPUS AMBASSADOR EVENT



Future Founders Fair *in association with* MyGov Campus Ambassador

myGov
मेरी सरकार
CAMPUS AMBASSADOR
PROGRAMME
April 09, 2025



BHARATHI V
II Year ADS



VIMALRAJ R
II Year ADS



AVINS VR
II Year ADS

Campus Connect
Collaborate. Create. Connect

🕒 1:40 P.M to 3:00 P.M Venue: AV HALL - 2

Exclusively
for School
Students

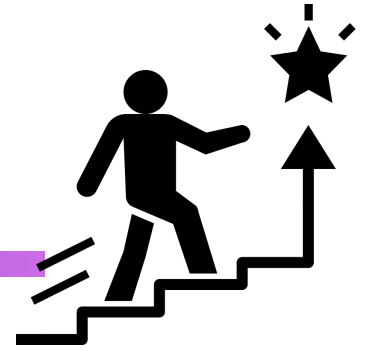


On 09/04/2025, the **Future Founders Fair** was successfully conducted in association with the **MyGov Campus Ambassador** initiative. The event was designed to encourage innovation, entrepreneurship, and civic engagement among students. It was organized and led by the enthusiastic **II Year Artificial Intelligence and Data Science (ADS)** students: **Bharathi V, Vimalraj R, and Avins VR**. Their efforts in planning and executing the event showcased their leadership, organizational skills, and commitment to empowering their peers with the vision of becoming future innovators and responsible citizens.

»»» NEWSLETTER

NPTEL TOPPERS

[2022 - 2026]



NPTEL TOPPERS IV - SEMESTER BATCH 2023 - 2027 NPTEL ELITE + GOLD



SANCHANA ASMI B

NPTEL ELITE + SILVER



SHERLEEN ANTHEA S



SAARAH ZAYN



SAHITI S



RAMYA R



JAZILA BEGUM B



AATHEESH GOKULA
PRASATH V



RISHINI DHARAN T



ROHIT SURYA



MOHAMED AJMEER M



HEMA RAMACHANDRAN



SAMITHA



HARINI P



JISHA M E



Sandhiya S



DINESH KUMAR M



KANIESH NAIR R



NARMATHA



JESWANTH K



INFANT JOEL E



PRADHEEP RAJA A



TANVEER UL HAQUE

NPTEL TOPPERS

[2022 - 2026]



NPTEL ELITE



SREENITHY S S



SIDHARTHAN



SIDHARTH



SHREY VISHAL



SHARMILA O



SANJAY S



SHANMUGA PRIYA



SARAVANAN NAGARAJAN



SABIDHAA A



BALAJI S



RUSHMITHA SEBAS



RESHMA M



REGINALD ALFRET



YUVANESH



YOGIRAM



VISHWESHWAR R



VARSINI S. A



SUBASHINI



SUBIKSHA LAKSHMI



STEVIA S



STALIN



THARSAN KANTHASWAMY



SHAMEER KHAN



S HARIPRIYA



R NANTHINI

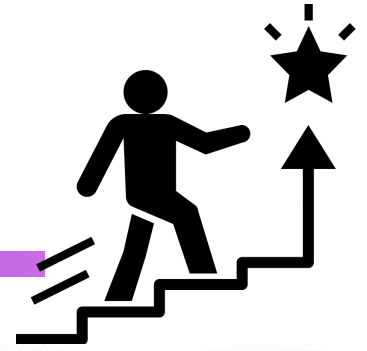


POOJA

»»» NEWSLETTER

NPTEL TOPPERS

[2022 - 2026]



GOPINATH M



ASHWANTH KUMAR



KARTHIK



R NANTHINI



MARIA PETER RUFIN M



MAHATHI SRI M R



AMRUTHA VARSHNI C V



MAGUVARSHINI



LITISHKUMAR D



KHISHAN KUMAR B K



KAAVIYAA SHREE S



K .MONIKA



AVINS VR



JEEVIA HARSHINI M



JANISH ANDRIN J



JHANANI S



HARISH V



HARI PRIYAA BR



MOHAMED ARSATH J



DIWAKAR I



BLESSON SHARON W.S



BHARATHI V



ASHELINE BRITNEY R



DHANISHA BHURUNO



BARATH E



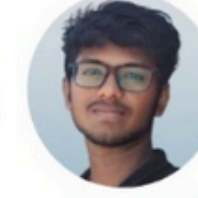
ADITHYA R



AISHWARYA V



AKSHAYA S



AKSHYRAM M



ANTONY RONALDO A



DHARSHINI P S



BHARGAVI S



DHARSHIYAM M



AROCKIYA ALIN HINO S



NANDHA KISHORE

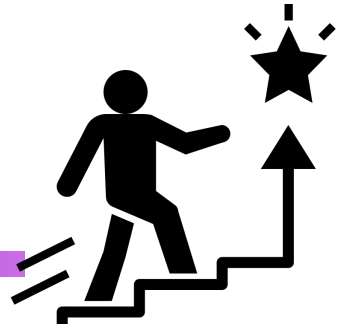


ABRAR AHAMED N

>>> NEWSLETTER

NPTEL TOPPERS

[2023 - 2027]



NPTEL ELITE - SILVER



RAGHUL C



BALASUBRAMANIAN M



MUHAMMED RAIHAN S



GOMATHI V



JEGANNATH S



BHARATH A I



PUJA L



ARVIND KUMAR PONSINGH S A



NITHEESHWARI S



MEGANATHAN V



CLEMENT CHRISWIN V



RAMYA K



SAM DANIEL S



MADHU SANKAR S

»»» NEWSLETTER

NPTEL TOPPERS

[2023 - 2027]



NPTEL ELITE



PRAKASH S



HARISH R



ARUNPRANAV



PRAVEEN S



GURUCHARAN RAJ K



HEMNATH K M



PERARASAN V



KARTHIKEYAN S



LANKESH M



MAMATHI S



MOHAMMED
HABIB S



KEERTHIYA T



NIZAM AASHIQ I



MALAR T



KAVINMATHI V



FRINIFA BABU B M



VISHNU PANDIAN R



VISHAGAN V



ANNSI JEROLIN E



AARTHI M



KAARUNYA C S



MERISH M



JOSHITHA R

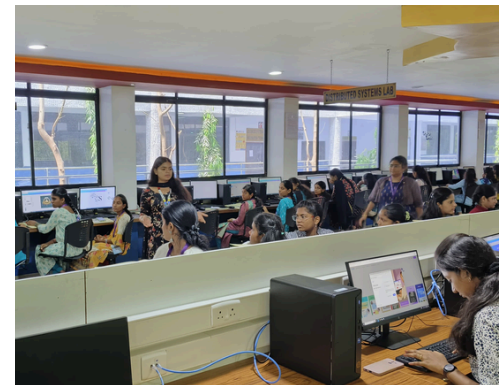


TARANI J



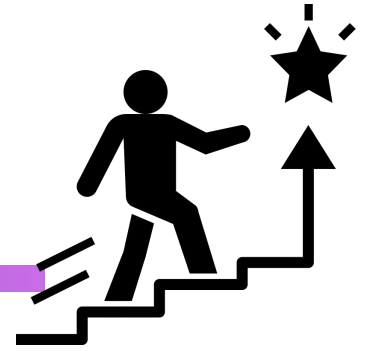
JOYNER JOHN RAJ J

SUMMER INTERNSHIP TRAINING PROGRAM FOR SCHOOL STUDENTS



From **07/04/2025 to 11/04/2025**, a 5-day Summer Internship Training Program titled **“FUTURE FRONTIERS: THE SCIENCE OF TOMORROW”** was organized for school students, drawing an enthusiastic participation of **287 students from over 50 schools**. The program aimed to ignite curiosity and foster a forward-thinking mindset among young learners. **Key topics** explored during the training included **AI Storytelling, Machine Learning – Think Like a Machine, Cryonics – The Science of Freezing Life, Gaming and Hands-on Lab Activities**, and **The Effects of Social Media**, complemented by an engaging guest lecture. The highlight of the program was the industry interaction session with **Mr. Godwin Josh, Co-Founder and Director of Technology at Altrosyn Technologies**, who shared real-world insights into emerging technologies, inspiring students to explore the limitless possibilities of the future.

INDUSTRIAL VISITS



On 11/04/2025, the **III Year ADS C Section** students went on an **Industrial Visit to CIX**, a leading technology company specializing in **digital advertising and marketing solutions**. The visit provided students with a practical understanding of industry operations, emerging technologies, and workplace dynamics. Through this experience, **students gained valuable exposure to real-time business environments**, enhancing their knowledge beyond classroom learning and aligning their academic insights with industry expectations.

INDUSTRY-ACADEMIA INTERACTION



On 24/04/2025, an **Industry-Academia Interaction** was held with the **Leadership Team from C1X**, fostering collaboration between academia and industry to bridge the skills gap and enhance student readiness for real-world challenges.

The event featured esteemed delegates including

Mr. Mukund Kumaran, Co-Founder & CEO of C1X, San Jose, USA

Mr. Rajkumar Madhura, Co-Founder & CTO, C1X, San Jose, USA

Mr. James Cannon, Data Science Lead & Project Manager, C1X, Fukuoka, Japan

Mr. Vishnu Kumar, Senior Engineering Manager, C1X

Mr. Sathyanarayanan Reddipalli, Head of HR & Talent Acquisition, C1X.

Their visit offered students and faculty a unique opportunity to engage with global leaders, gain insights into industry expectations, and explore pathways for internships, placements, and collaborative projects.

PLACEMENTS



Placed at



8 LPA



EdgeVerve
Systems Limited
(An Infosys Company)

BAVIYA SHREE K P

(Batch 2022 - 26)

Product Engineer

Baviya Shree K P, a III Year ADS student, has been placed as a Product Engineer at Edgeverve, an Infosys company, with an impressive salary package of ₹8 LPA. This remarkable achievement reflects her strong technical capabilities, problem-solving skills, and consistent academic performance. Her success highlights the growing demand for skilled professionals in AI and Data Science domains and underscores the department's commitment to preparing students for competitive roles in top-tier companies. Her placement serves as a proud milestone for the institution and a source of motivation for fellow students aiming to excel in the tech industry.

PLACEMENTS

**VISHNU PANDIAN R**

EdgeVerve
Systems Limited
(An Infosys Company)

[Batch 2022 - 26]

System Engineer

**AISHVARIYAA J**

Placed at



3.6 LPA

Vishnu Pandian R and Aishvariyaa J, both III Year ADS students, have been successfully placed as System Engineers at Edgeverve, an Infosys company, with a salary package of ₹3.6 LPA. Their placement demonstrates their strong foundational skills in software systems, adaptability, and readiness to meet industry expectations. This achievement adds to the department's growing record of successful placements and reflects the effectiveness of its training and industry-aligned curriculum. Their success stands as a motivating example for their peers aspiring to enter the tech industry.

PLACEMENTS



Placed at
HCL TECHNOLOGIES
4.25 LPA






SARANYA R
(Batch 2021 - 25)

Graduate Engineer Trainee

Saranya R, IV Year ADS student, has been successfully placed as a Graduate Engineer Trainee at HCL Technologies, one of India's leading IT services companies, with a salary package of ₹4.25 LPA. This placement is a testament to her strong technical foundation, problem-solving abilities, and consistent academic performance. Her success reflects the department's dedication to industry-focused training and career readiness, serving as an encouraging milestone for fellow students aspiring to build a future in the IT and engineering sectors.

STUDENT INTERNSHIP WITH STIPEND



		
John Wesley L (Batch 2022 - 26)		Joshitha R (Batch 2022 - 26)
Front End Developer		Front End Developer

John Wesley I and **Joshitha R**, both III Year ADS students, have secured internships as Front End Developers at bFacet. This opportunity allows them to apply their technical skills in a real-world setting while gaining valuable industry experience. As part of the internship, they will receive a **monthly stipend of ₹6000/-**, recognizing their contributions and encouraging professional growth in the field of web development.

STUDENT INTERNSHIP WITH STIPEND



Intern at

I Inspoworks
Innovative Software Solutions

Inspoworks Technologies

AADHITYAN S

AISHVARIYAA J

[Batch 2022 - 26]

AI Engineer

Stipend
Rs.5,000/-
Per month

Aadhityan S and Aishvariya J, both III Year ADS students, have secured internships as AI Engineers at Inspoworks Technologies. This role provides them with hands-on experience in developing and implementing AI-based solutions, allowing them to apply classroom knowledge to real-world challenges. As part of this internship, they are receiving a monthly stipend of ₹5000/-, which not only acknowledges their contributions but also encourages continued learning and professional development in the field of Artificial Intelligence. Their achievement reflects the growing opportunities for ADS students in cutting-edge technology domains.

STUDENT INTERNSHIP WITH STIPEND



(Batch 2021 - 25)

Intern at
FAI
Grow Smarter®



GOVINDRAJ S
Data Science Intern
FarmwiseAI Pvt Ltd

Stipend
Rs.10,000/-
Per month

Govindraj S, IV Year ADS student, has secured an internship as a Data Science Engineer at FarmwiseAI Pvt. Ltd., a company known for leveraging AI in agriculture and sustainable practices. As part of this role, he will be working on data-driven solutions to real-world problems, gaining hands-on experience in data analytics, machine learning, and predictive modeling. He is receiving a monthly stipend of ₹10,000/-, recognizing his skills and contribution. This opportunity marks a significant step in his professional journey and showcases the increasing demand for data science expertise in diverse sectors.

STUDENT INTERNSHIP WITH STIPEND



MOHAMMED HABIB LANKESH M ARAVINNTH

Stipend
Rs.15,000/-
Per month

[Batch 2022 - 26]

Skypler AI

Intern at

SKYPLER

Mohammed Habib, Lankesh M, and Aravinth, all III Year ADS students, have been selected for internships as Engineering Interns at Skypler, a company known for its innovation in engineering and technology solutions. During the internship, they will gain practical exposure to real-time projects, enhancing their technical proficiency and professional competence. Each intern will receive a monthly stipend of ₹15,000/-, reflecting the value of their contributions and the high standards of their selection. This opportunity marks a significant milestone in their academic and career journey, aligning with their aspirations in the tech industry.

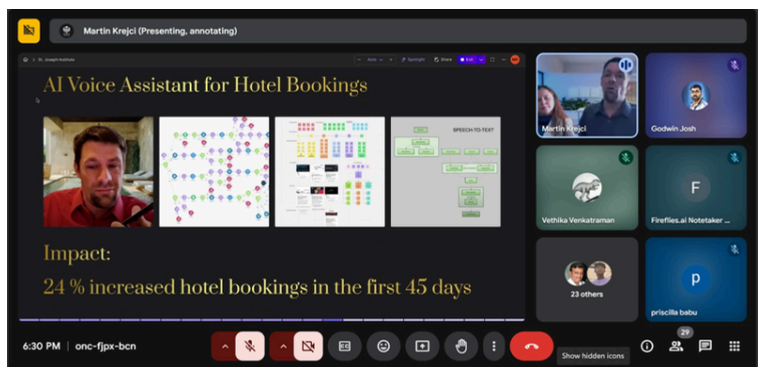
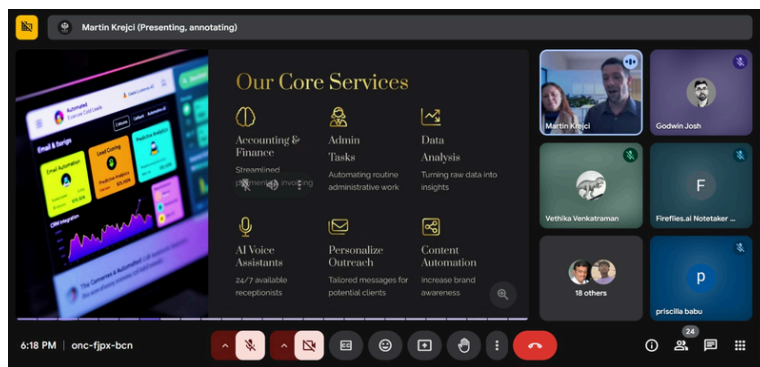
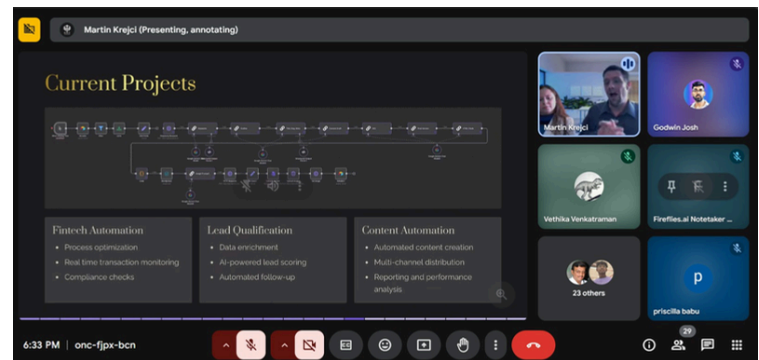
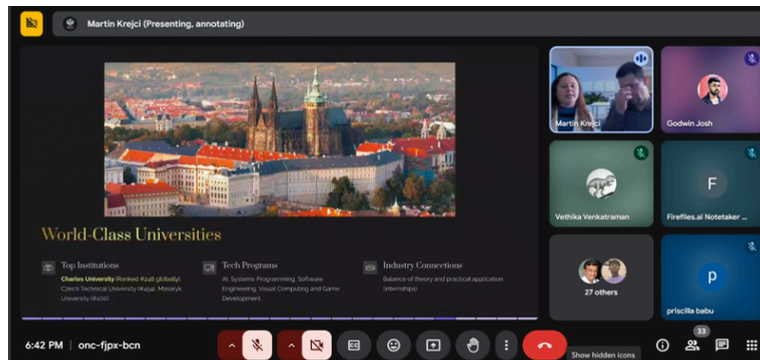
STUDENT INTERNSHIP WITH STIPEND



KRITHIKA D H
(Batch 2022 - 26)
EY Global Delivery Services India LLP
Engineering Intern

Krithika D H, a III Year ADS student, has secured a prestigious internship as an Engineering Intern at EY Global Delivery Services India LLP, one of the global leaders in professional services and technology consulting. This opportunity allows her to work alongside industry experts on impactful projects, gaining valuable experience in cutting-edge technologies and enterprise-level solutions. She will receive a monthly stipend of ₹23,000/-, reflecting the high caliber of the role and her exceptional skill set. This achievement not only highlights her individual excellence but also underscores the department's commitment to enabling top-tier industry exposure for its students.

International Expert Talk



On 11/04/2025, an **International Expert Talk** was held online on the topic **"AIBIZElevate: Applied AI Automation in Business"**, providing participants with valuable insights into the practical applications of AI in the business landscape. The session featured **two distinguished international speakers from Praha, Czech Republic: Barbora Svobodova, Founder of AIBIZElevate, and Martin Krejci, Co-Founder of AIBIZElevate.** Both speakers shared their expertise and real-world experiences in leveraging AI for business automation, innovation, and efficiency. The session was an eye-opening experience for students and professionals, highlighting the global impact of AI in transforming modern industries.

Research Centre Recognition Inspection



On **07/04/2025**, a **Research Centre Recognition** inspection was conducted by a distinguished committee from the Department of Computer Science and Engineering, **CEG Campus, Anna University**. The Inspection Committee Members included **Dr. C. Valliyammai, Professor**, whose expertise in research and academic leadership added immense value to the review process; **Dr. S. Sudha, Assistant Professor (Senior Grade)**, known for her strong academic background and evaluative insight; and **Dr. R. Arockia Xavier Annie, Associate Professor**, who brought her research experience and scholarly perspective to the evaluation. The committee's visit marked a significant step toward the recognition of the institution as a research centre, with their observations and recommendations playing a vital role in shaping future research initiatives.



SkillRack Toppers

Final Year (2021-2025)

S. No	Name	Programs Solved	Bronze	Skill Rack Rank
1	SRIHARI R	2258	1317	1532
2	DHANESH C	2109	1075	1967
3	KIRUTHIKA P	1281	366	9383
4	RINITH Y	1172	536	11211
5	LEO S	1156	603	12012

Third Year (2022-2026)

S. No	Name	Programs Solved	Bronze	Skill Rack Rank
1	YADAV PRASAD G B	2403	1213	1216
2	KATHIRAVAN B	2031	1001	2255
3	PRAVEEN S	1921	986	2728
4	BALASUBRAMANIAN M	1494	554	6024
5	LANKESH M	1385	678	7487

Second Year (2022-2026)

S. No	Name	Programs Solved	Bronze	Skill Rack Rank
1	MARIA PETER RUFIN M	1764	479	3566
2	RISHINI DHARAN T	1700	513	3990
3	SABARISH S	1655	430	4306
4	ROHITSURYA AKRIAMMAN THANIGAIMALAI	1638	496	4500
5	INFANT JOEL E	1553	370	5341

Our students have consistently excelled in coding and problem-solving on SkillRack, securing the top five positions. Their dedication to upskilling has truly paid off. Congratulations to all our achievers for this outstanding accomplishment!

EDUCATION CONCLAVE

AI PRAGATI



On 25/04/2025, Dr. R. Priscilla attended the prestigious Education Conclave "AI Pragati", an event organized in collaboration with leading technology companies Intel, HPE, and EdGate Technologies. The conclave focused on the transformative role of Artificial Intelligence in education, highlighting innovations, trends, and strategies for integrating AI into academic ecosystems. Participation in the event reflects a continued commitment to staying updated with cutting-edge advancements and fostering AI-driven educational excellence.

STAFF ACHIEVEMENTS



NPTEL CERTIFICATIONS



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

P VINOTH KUMAR

for successfully completing the course

Python for Data Sciencewith a consolidated score of **52** %

Online Assignments	21.08/25	Proctored Exam	31.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **15251**
Prof. Andrew Thangaraj

Chair

Centre for Outreach and Digital Education, IITM

Jan-Feb 2025**(4 week course)****Skill India**

कौशल भारत - कुशल भारत


Prof. Vignesh Muthuvijayan

NPTEL Coordinator

IIT Madras



Indian Institute of Technology Madras




P. Vinoth Kumar has successfully completed the **NPTEL** certification in **Python for Data Science**, demonstrating his proficiency in one of the most essential programming languages used in the field of data science. This certification equips him with the foundational knowledge of Python programming, data manipulation, and analytical skills necessary for solving real-world data problems, and adds significant value to his academic and professional profile.

STAFF ACHIEVEMENTS



NPTEL CERTIFICATIONS



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

JENIFUS SELVARANI A


for successfully completing the course

Python for Data Science

with a consolidated score of **73** %


Online Assignments	22.5/25	Proctored Exam	50.26/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **15251**




Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM


Jan-Feb 2025
(4 week course)




Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras




Skill India
कौशल भारत - कुशल भारत





Indian Institute of Technology Madras

FREE ONLINE EDUCATION




swayam

Jenifus Selvarani A has earned the prestigious **NPTEL Elite Certification in Python for Data Science**, showcasing her advanced understanding and application of Python in the field of data analytics. Achieving **Elite status** reflects her high performance in the course, which covered key concepts such as data manipulation, visualization, and the use of libraries like **NumPy and Pandas**. This accomplishment highlights her dedication to academic excellence and readiness for data-driven roles in the tech industry.

STAFF ACHIEVEMENTS




NPTEL CERTIFICATIONS



Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)



This certificate is awarded to

VARALAKSHMI


for successfully completing the course


Python for Data Science

with a consolidated score of **71** %

Online Assignments	20.75/25	Proctored Exam	50.51/75
--------------------	----------	----------------	----------


Total number of candidates certified in this course: 15251






Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM


Jan-Feb 2025
(4 week course)



Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



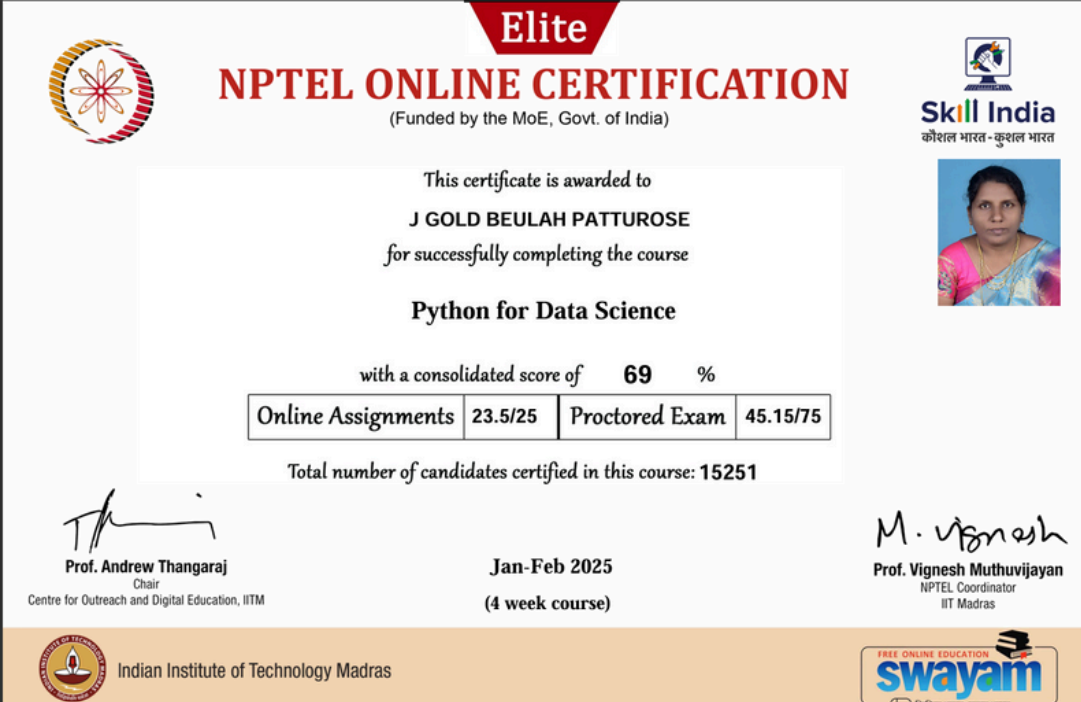
FREE ONLINE EDUCATION
swayam
एनपीटीई एजुकेशन, ज्ञानमय भारत

Varalakshmi has successfully achieved the **NPTEL Elite Certification in Python for Data Science**, reflecting her strong grasp of essential programming and data analysis skills. The certification, awarded by **NPTEL** in collaboration with premier institutes like the **IITs**, highlights her proficiency in using **Python** for data manipulation, visualization, and statistical analysis. This accomplishment adds significant value to her technical profile and prepares her for advanced roles in the data science domain.

STAFF ACHIEVEMENTS



NPTEL CERTIFICATIONS



Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
J GOLD BEULAH PATTUROSE
for successfully completing the course
Python for Data Science

with a consolidated score of **69** %

Online Assignments	23.5/25	Proctored Exam	45.15/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **15251**

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Feb 2025
(4 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Skill India
कौशल भारत - कुशल भारत

Indian Institute of Technology Madras

swayam
FREE ONLINE EDUCATION

Mrs. J. Gold Beulah Patturose has successfully achieved the **NPTEL Elite Certification in Python for Data Science**. This prestigious recognition reflects her commitment to continuous learning and excellence in applying **Python for data-driven solutions in the field of Artificial Intelligence and Data Science**. Her achievement sets a great example for both faculty and students in embracing lifelong learning and staying current with emerging technologies.



STAFF ACHIEVEMENTS

INTELLECTUAL PROPERTY UTSAV

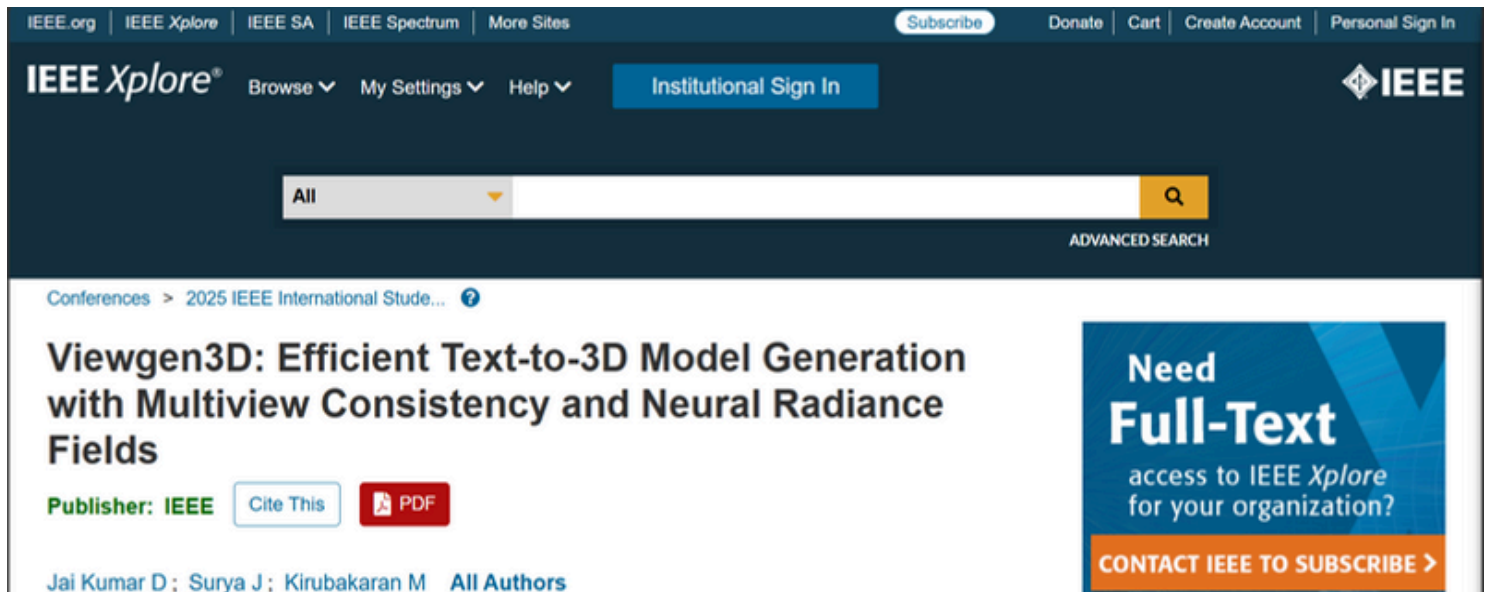


Abilash S Nath has successfully participated in the **Masterclass Series** organized under the **banner of IP Utsav**, held virtually by **All India Council for Technical Education (AICTE)** and the **Ministry of Education's Innovation Cell (MIC)** from **21st April 2025 to 26th April 2025**. This prestigious series focused on the critical importance of **Intellectual Property (IP) rights**, innovation and entrepreneurship, empowering participants with valuable insights into patent filing, IP strategy and national innovation frameworks. His active involvement in this initiative demonstrates his dedication to staying at the forefront of knowledge and his commitment to contributing to India's innovation ecosystem.



STAFF ACHIEVEMENTS

Paper Publications



Dr. M. K. Kirubakaran has successfully published a research paper in the esteemed **IEEE Students' Conference on Electrical, Electronics and Computer Science (SCEECs)**.

Paper Title: Viewgen3D: Efficient Text-to-3D Model Generation with Multiview Consistency and Neural Radiance Fields

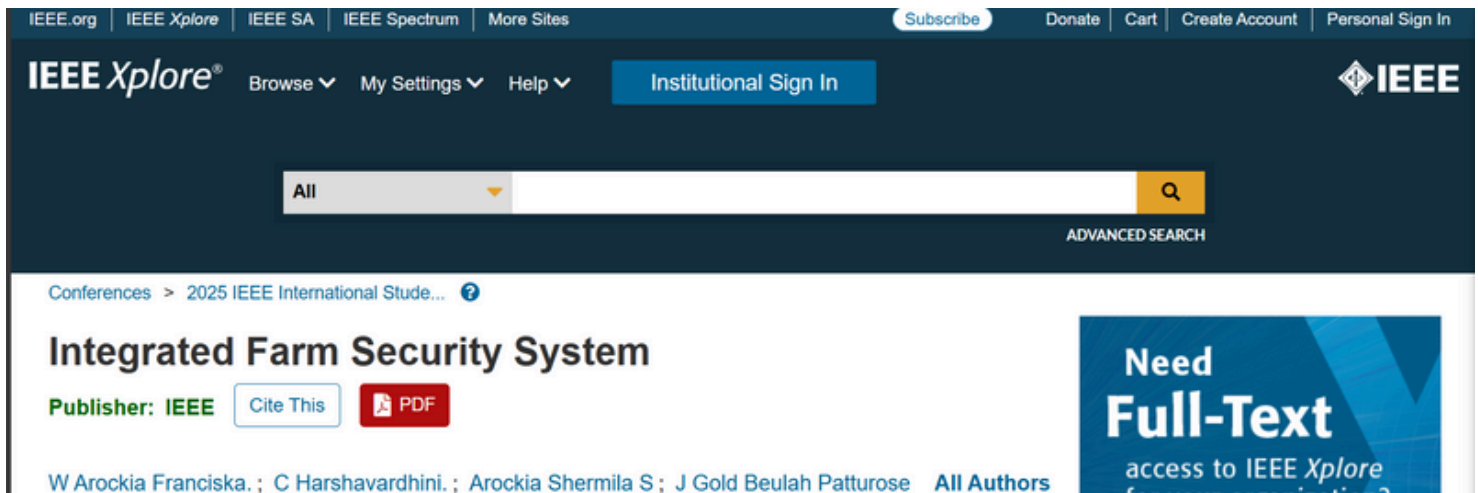
Overview:

The paper presents Viewgen3D, an innovative framework for generating 3D models from textual descriptions, leveraging multiview consistency and Neural Radiance Fields (NeRFs). This method enhances the accuracy and realism of 3D reconstructions by ensuring spatial coherence across multiple perspectives. By combining natural language processing with state-of-the-art computer vision techniques, the research addresses key challenges in the field of AI-driven 3D content creation, with promising applications in gaming, AR/VR, and digital design. This contribution marks a significant step forward in cross-modal generation and showcases research in artificial intelligence and computational graphics.



STAFF ACHIEVEMENTS

Paper Publications



Mrs. J. Gold Beulah Patturose has successfully published a research paper in the esteemed **IEEE Students' Conference on Electrical, Electronics and Computer Science (SCEECS)**.

Paper Title: Integrated Farm Security System

Overview:

The paper presents an innovative approach to enhancing farm safety by integrating modern technologies such as IoT-based surveillance, intrusion detection, and smart alert systems tailored for agricultural environments. The system aims to safeguard crops, equipment, and livestock from theft and unauthorized access, while providing real-time monitoring through connected devices. By merging automation with intelligent data processing, the proposed solution contributes to the development of smart and secure farming infrastructure, especially beneficial in rural and remote areas.



STAFF ACHIEVEMENTS

Paper Publications



Ms. R. Archana and Ms. T. George Princess have successfully published a significant research paper at the prestigious **International Conference on Intelligent Systems and Computational Networks (ICISCN)**.

Paper Title: A Holistic Approach to Network Intruder Detection using Artificial Intelligence

Overview:

The research introduces a comprehensive AI-driven framework for Network Intrusion Detection Systems (NIDS) that leverages the power of machine learning and deep learning algorithms to proactively identify and mitigate cyber threats. By combining supervised learning models with real-time data analytics, the system enhances accuracy in detecting anomalies, minimizing false positives, and ensuring network integrity. The proposed solution focuses on adaptability and scalability, making it suitable for modern, dynamic network environments across industries. This work not only contributes to the field of cybersecurity and intelligent systems, but also demonstrates the potential of AI in building resilient digital infrastructures.



STAFF ACHIEVEMENTS

Paper Publications

The screenshot shows the Taylor & Francis Online interface. At the top, there are navigation links: Home, All Journals, Medicine, and Cancer Investigation. Below this, the journal cover for 'Cancer Investigation' is displayed, along with a 'Share' button. The journal description states: 'Publishes original papers, essays, reports on new technologies, and reviews in the fields of translational and clinical oncology. It offers accelerated publication.' Below the journal information, a specific article is highlighted: 'Early Colon Cancer Prediction from Histopathological Images Using Enhanced Deep Learning with Confidence Scoring' by V P Gladis Pushparathi, J Shajeena, T Kamalam, and M Revathi. The article is dated 2025 Apr 3:1-19 and has a DOI of 10.1080/07357907.2025.2483302. To the right of the article title, there are buttons for 'View full text', 'Cite', and 'Collections'.

M. Revathi has successfully published a significant research paper in the esteemed **Journal of Cancer Investigation** by **Taylor & Francis**, reflecting the interdisciplinary impact of her work.

Paper Title: Early Colon Cancer Prediction from Histopathological Images Using Enhanced Deep Learning with Confidence Scoring

Overview:

This research introduces a deep learning-based framework designed for the early detection of colon cancer using histopathological images. The proposed model integrates enhanced convolutional neural networks (CNNs) with a confidence scoring mechanism, which not only improves the accuracy of predictions but also provides interpretability in medical diagnostics. By incorporating confidence levels, the model helps in assessing the reliability of each prediction, making it especially valuable in clinical decision-making. This approach demonstrates high potential in reducing diagnostic errors and enabling timely medical intervention, marking a commendable contribution to the convergence of AI and healthcare.



STAFF ACHIEVEMENTS

Paper Publications



Ms. S. B. Priya has successfully published a significant research paper in the esteemed **Indonesian Journal of Electrical Engineering and Informatics (IJEI)**, a reputed international journal known for publishing cutting-edge advancements in electrical and communication engineering.

Paper Title: A Novel Compact CPW-fed Octagonal-Shaped Slotted Antenna for UWB Applications

Overview:

The research presents a **novel, compact Coplanar Waveguide (CPW)-fed octagonal-shaped slotted antenna** designed specifically for **Ultra-Wideband (UWB) communication systems**. This innovative antenna features a **reduced footprint** without compromising performance, offering a **wide impedance bandwidth** and **enhanced radiation characteristics**. The proposed design is optimized to meet the growing demand for compact, high-efficiency antennas in modern wireless communication devices. This work significantly **contributes to the field of antenna design** by addressing the challenges of size, bandwidth, and performance, making it highly applicable for future UWB-based communication and sensing technologies.

EduTech Pioneers

Learn Generative AI in 2025



FOLLOW US



SJIT Portal



Linkedin/sjit



Facebook/sjit