



**St. JOSEPH'S INSTITUTE OF TECHNOLOGY**

*We Make You Shine*  
(AN AUTONOMOUS INSTITUTION)  
OMR, CHENNAI - 119



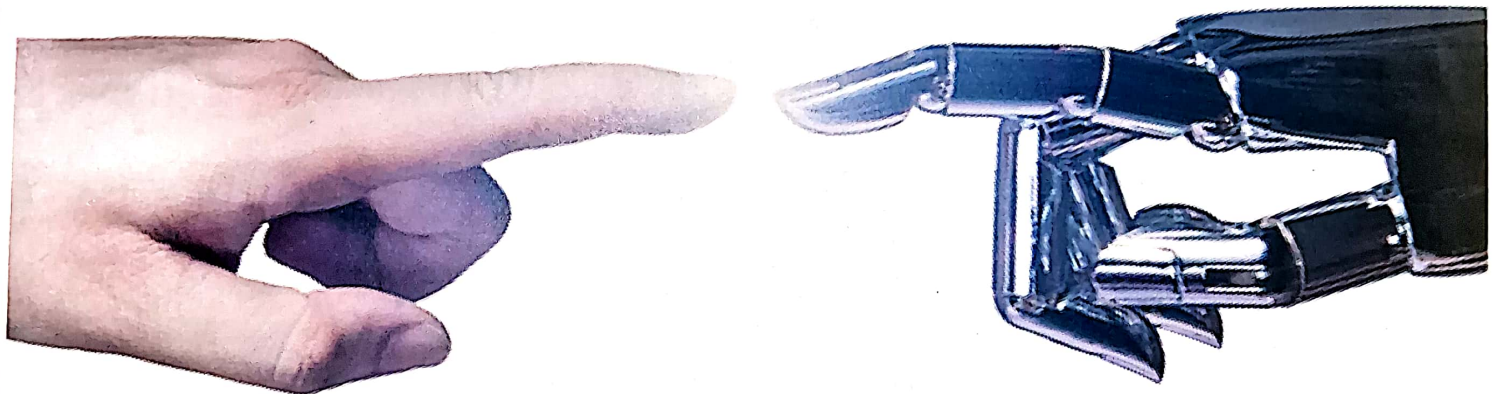
# NEWSLETTER

OCTOBER 2024

ISSUE 10



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE



## IMAGINE, INNOVATE, IGNITE WITH AI

### CONTENTS

- |                                              |                                           |
|----------------------------------------------|-------------------------------------------|
| 1. <i>Student Certifications</i>             | 11. <i>Industry Interaction</i>           |
| 2. <i>Student Internships</i>                | 12. <i>Innothon'24-Software Hackathon</i> |
| 3. <i>Student Ambassadors</i>                | 13. <i>Seera Classes</i>                  |
| 4. <i>Student Ambassador Events</i>          | 14. <i>Skillrack Toppers</i>              |
| 5. <i>Student Achievements</i>               | 15. <i>Placements</i>                     |
| 6. <i>Student Participation</i>              | 16. <i>Faculty Achievements</i>           |
| 7. <i>Alumni Talk</i>                        | 17. <i>Paper Presentation</i>             |
| 8. <i>Student Workshop</i>                   | 18. <i>Patent Publication</i>             |
| 9. <i>Skill Enhancement Training</i>         | 19. <i>EduTech Pioneers</i>               |
| 10. <i>Employability Enhancement Courses</i> |                                           |

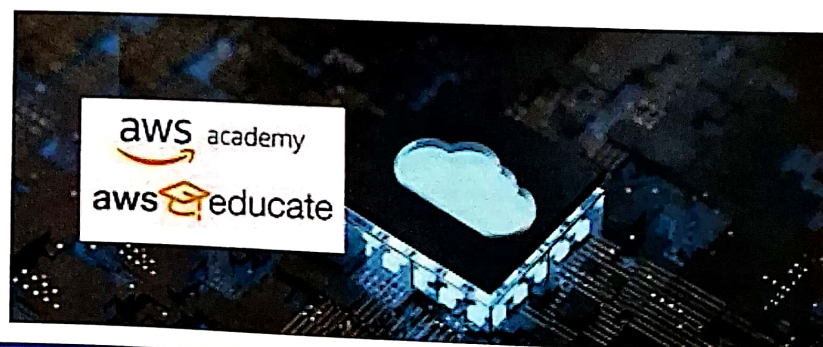
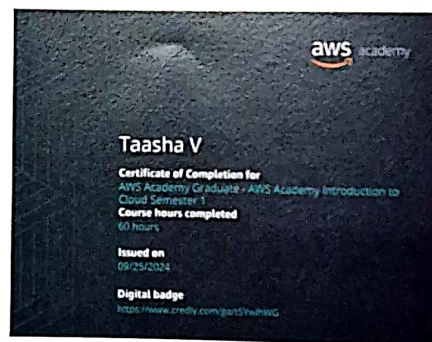
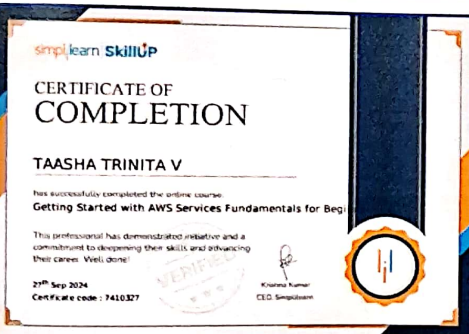
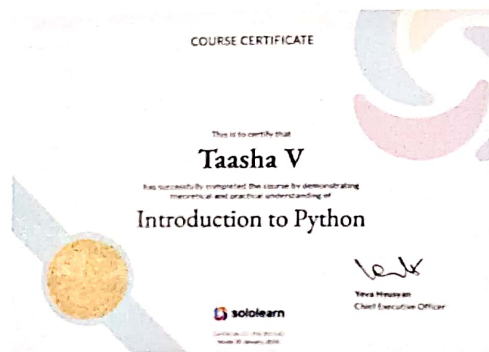








# STUDENT CERTIFICATIONS

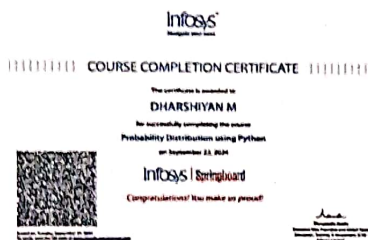


**Taasha Trinita V** of II Year student ADS has successfully completed the Cisco Networking Academy, a globally recognized program that provides in-depth knowledge and hands-on experience in networking and IT essentials. And also she has completed the Introduction to Python course on Sololearn. This course provides foundational knowledge of Python, covering essential programming concepts. She completed the AWS Services Fundamentals for Beginners course. This program provides essential knowledge about key AWS services, including computing, storage, databases, and networking. She completed the AI Dashboard using Power BI course, equips learners with the skills to create interactive dashboards by integrating AI-powered insights into Power BI.



&gt;&gt;&gt; NEWSLETTER

# STUDENT CERTIFICATIONS



**Jeevia Harshini M** of II Year ADS student has successfully completed the CSS3, Java course and HTML5 - The Language on Infosys Springboard. This course covers advanced concepts of CSS3, focusing on responsive design, animations, transitions, and layouts, enabling learners to enhance the styling of web pages. **Dharshiyam M** of II Year ADS student has successfully completed the Introduction to Data Science, Probability Distribution using python, python. These programs provide a comprehensive foundation in data science, inferential statistics.



&gt;&gt;&gt; NEWSLETTER

# STUDENT CERTIFICATIONS



Infosys  
Navigate your next

## COURSE COMPLETION CERTIFICATE

The certificate is awarded to  
**Subhiksha lakshmi**  
for successfully completing the course  
**Probability and Statistics using Python**  
on September 24, 2024

Infosys | Springboard

Congratulations! You make us proud!

Infosys  
Navigate your next

## COURSE COMPLETION CERTIFICATE

The certificate is awarded to  
**Subhiksha lakshmi**  
for successfully completing the course  
**Probability Distribution using Python**  
on September 24, 2024

Infosys | Springboard

Congratulations! You make us proud!

Infosys  
Navigate your next

## COURSE COMPLETION CERTIFICATE

The certificate is awarded to  
**Subhiksha lakshmi**  
for successfully completing the course  
**Statistical Inference using Python**  
on September 24, 2024

Infosys | Springboard

Congratulations! You make us proud!

Infosys  
Navigate your next

## COURSE COMPLETION CERTIFICATE

The certificate is awarded to  
**Subhiksha lakshmi**  
for successfully completing the course  
**Introduction to Data Science**  
on September 24, 2024

Infosys | Springboard

Congratulations! You make us proud!

Infosys  
Navigate your next

## CERTIFICATE OF ACHIEVEMENT

The certificate is awarded to  
**Subhiksha lakshmi**  
for successfully completing  
**Data Science Foundation Certification**  
on September 28, 2024

Infosys | Springboard

Congratulations! You make us proud!

Infosys  
Navigate your next

## CERTIFICATE OF ACHIEVEMENT

The certificate is awarded to  
**Maguvarshini M**  
for successfully completing  
**Data Science Foundation Certification**  
on September 27, 2024

Infosys | Springboard

Congratulations! You make us proud!

COGNITIVE  
CLASS

This is to certify that  
**Maguvarshini M**  
successfully completed and received a passing grade in  
**Python 101 for Data Science**

A course on CognitiveClass.ai  
Issued by  
Cognitive Class

Issued on  
September 24, 2024

COGNITIVE  
CLASS

This is to certify that  
**Maguvarshini M**  
successfully completed and received a passing grade in  
**SQL and Relational Databases 101**

A course on CognitiveClass.ai  
Issued by  
Cognitive Class

Issued on  
September 24, 2024

COGNITIVE  
CLASS

This is to certify that  
**Maguvarshini M**  
successfully completed and received a passing grade in  
**Hadoop 101**

A course on CognitiveClass.ai  
Issued by  
Cognitive Class

Issued on  
September 24, 2024

**Subhiksha Lakshmi** of II Year ADS Student has successfully completed a series of courses, including Probability and Statistics using Python, Probability Distribution using Python, Statistical Inference using Python, Introduction to Data Science, and the Data Science Foundation certification. These courses have equipped her with essential knowledge and practical skills in data science, focusing on statistical methods, probability theories, and data analysis techniques using Python. **Maguvarshini M** of II Year ADS Student has successfully completed the Data Science Foundation certification and the Probability and Statistics using Python course. These achievements have provided her with a solid foundation in data science principles, emphasizing statistical methods and practical applications using Python. She has successfully completed the Python 101 for Data Science course issued by CognitiveClass.ai.



&gt;&gt;&gt; NEWSLETTER

# STUDENT CERTIFICATIONS



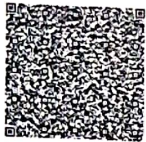
Infosys  
Navigate your next

## CERTIFICATE OF ACHIEVEMENT

The certificate is awarded to  
**Shrinithi Mahalakshmi**  
for successfully completing  
Data Science Foundation Certification  
on September 21, 2024

Infosys | Springboard

Congratulations! You make us proud!



Issued on: Saturday, September 21, 2024  
To verify, scan the QR code at <https://certificates.infosys.com>

Thirumala Anshu  
Executive Vice President and Global Head  
Education, Training & Assessment @ IIA,  
Infosys Limited

Infosys  
Navigate your next

## COURSE COMPLETION CERTIFICATE

The certificate is awarded to  
**Archana R**  
for successfully completing the course  
HTML5 - The Language  
on September 23, 2024

Infosys | Springboard

Congratulations! You make us proud!



Issued on: Saturday, September 23, 2024  
To verify, scan the QR code at <https://certificates.infosys.com>

Thirumala Anshu  
Executive Vice President and Global Head  
Education, Training & Assessment @ IIA,  
Infosys Limited

**Shrinithi Mahalakshmi** and **Archana R** of II Year ADS completed the Data Science Foundation Certification and HTML5-The Language, offered by Infosys Springboard. This certification enhances their expertise in Programming skills, further strengthening their analytical and data processing skills.

Great Learning

## CERTIFICATE OF COMPLETION

Presented to  
**DHARSHIYAN M**  
For successfully completing a free online course  
Python Libraries for Machine Learning

Presented by  
Great Learning Academy  
The Great Learning



Infosys  
Navigate your next

## COURSE COMPLETION CERTIFICATE

The certificate is awarded to  
**DHARSHIYAN M**  
for successfully completing the course  
Introduction to Data Science  
on September 23, 2024

Infosys | Springboard

Congratulations! You make us proud!



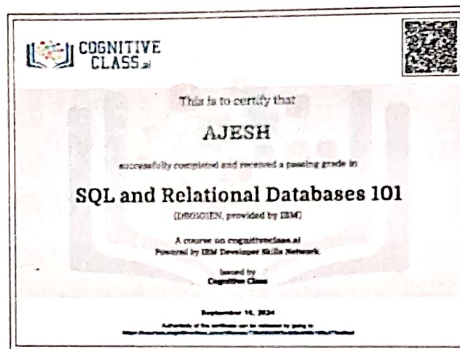
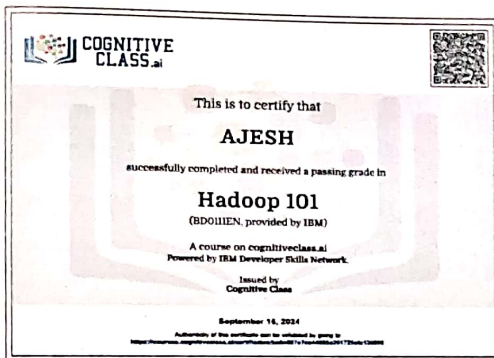
Issued on: Saturday, September 23, 2024  
To verify, scan the QR code at <https://certificates.infosys.com>

Thirumala Anshu  
Executive Vice President and Global Head  
Education, Training & Assessment @ IIA,  
Infosys Limited

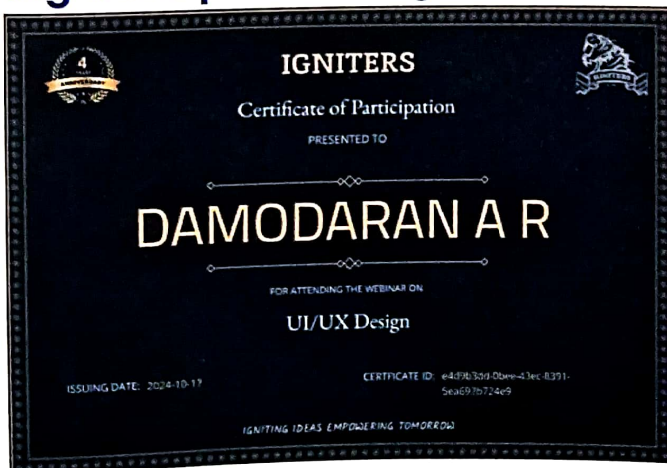
**Dharshiyam M**, of II Year ADS student, completed the Python Libraries for Machine Learning course through Great Learning and the Introduction to Java Spring Framework 101 course via Simplilearn SkillUp.



# STUDENT CERTIFICATIONS



**Ajesh K M** of II Year ADS Student has successfully completed the Hadoop 101 and SQL and Relational Databases courses offered by CognitiveClass.ai. These certifications enhance his expertise in big data processing and database management.



## Certificate of Completion

**Damodaran A R**

has successfully completed the HP LIFE online course

**Data Science & Analytics**

By completing this course, the above-named student has learned about some leading data science and analytics practices, methodologies, and tools, examined the benefits and challenges of a data-driven approach for businesses, and gained knowledge about some of the essential skills needed to pursue a career in the field.

Presented 10/22/2024

*Stephanie Bormann*

Stephanie Bormann  
Deputy Director, HP Foundation

**Damodaran A R** attended a webinar on UI/UX Design conducted by Igniters, enhancing his knowledge in user interface and user experience design principles. He has successfully completed the HP Line Online Course in **Data Science & Analytics**. This course has equipped him with valuable skills in data analysis and interpretation, enhancing his expertise in the field of data science.



&gt;&gt;&gt; NEWSLETTER

# STUDENT CERTIFICATIONS



THIS IS TO CERTIFY THAT  
**Aishvariya Jayakumar**

HAS SUCCESSFULLY COMPLETED  
**Figma Bootcamp**

FROM 30 SEPTEMBER 2024 TO 5 OCTOBER 2024  
(5 Days)

IN COLLABORATION WITH



**Aishvariya Jayakumar** of III Year ADS attended a **Figma Bootcamp** for five days in collaboration with **NSDC** (National Skill Development Corporation), gaining hands-on experience in designing user interfaces using Figma.

## CERTIFICATE OF PARTICIPATION

This certificate is presented to

**Madhu Sankar**

for successfully completing the  
**NextGen Indian Leaders Program**  
23 September - 13 October, 2024

  
Sebastian Frendo  
Founder & CEO  
Do Well Do Good

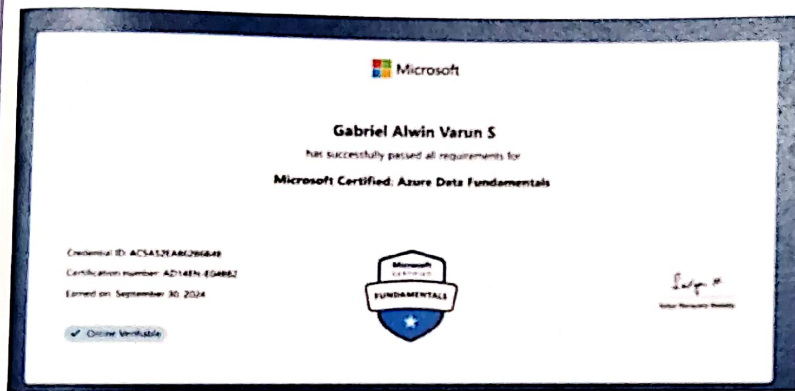


**NextGen  
Leaders**

**Madhu Sankar** of III Year ADS student completed the **NextGen Indian Leaders Program**, participating from September 23, 2024, to October 13, 2024.



# STUDENT CERTIFICATIONS



**Gabriel Alwin Varun S** of III Year ADS Student has obtained the **Microsoft Certified: Azure Data Fundamentals** certification, highlighting his basic expertise in data concepts and Microsoft Azure services.



**Arockia Sharmila S** of III Year ADS Student has earned the **Microsoft Certified: Azure Fundamentals** certification, demonstrating her foundational knowledge of cloud services and how they are provided with Microsoft Azure.



**Aravinth** of III Year ADS Student has successfully earned the **Microsoft Certified: Azure Fundamentals** certification, demonstrating his foundational knowledge of Microsoft Azure and cloud services.



&gt;&gt;&gt; NEWSLETTER

# STUDENT CERTIFICATIONS



Microsoft Learn  
Student Ambassador

This certificate is presented to:

Kavinmathi

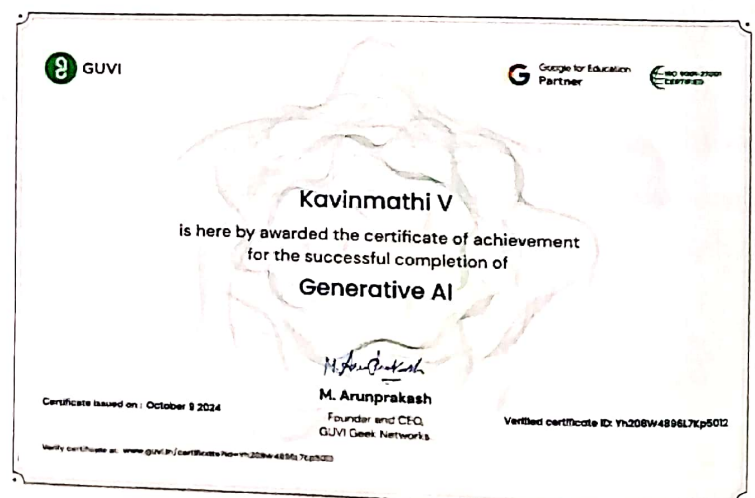
In recognition of your attendance and completion of the  
Microsoft Learn Student Ambassadors event on  
Season of AI - Copilots, held on 17th October 2024.

Murali Narant  
Guest Microsoft Learn Student Ambassador



**Kavinmathi** of III Year ADS Student participated in the **Season of AI-Copilots** event held on October 17, 2024. This recognition highlights Kavinmathi's commitment to learning and engaging with cutting-edge AI technologies, as well as his dedication to fostering a community of learners. As a Student Ambassador, he will have the opportunity to share knowledge, collaborate with peers, and further enhance his skills in the field of artificial intelligence.

**Kavinmathi** of III Year ADS Student has successfully completed the **Generative AI** course offered by **GUVI**. This achievement demonstrates his understanding of generative models and their applications in artificial intelligence, further enhancing his skill set in this rapidly evolving field.





>>> NEWSLETTER

# STUDENT CERTIFICATIONS



**Abinaya Kumar** of III Year ADS Student has successfully earned the **Microsoft Certified: Azure Fundamentals certification**, demonstrating her foundational knowledge of cloud services and the offerings available through Microsoft Azure. This achievement reflects her commitment to understanding cloud technology and positions her well for future opportunities in the tech industry.





&gt;&gt;&gt; NEWSLETTER

# STUDENT INTERNSHIPS



**Balasubramanian M** has been awarded a certificate of internship in **Web Development** from Next24tech Technology & Services, covering the period from 20/08/2024 to 20/10/2024.



Cognifyz Technologies

## Internship Completion Certificate

Date -10/10/2024

This is to certify that **Aarthi M**, (Intern ID: CTI/A1/C60956), currently pursuing a B.Tech from The St. Joseph's Institute of Technology, was working as a **Data Analyst** Intern with Cognifyz Technologies from September 2024 to October 2024.

During this period, she has served as a Data Analysis Intern and has displayed remarkable dedication, sincerity, and a strong desire to learn. She has exhibited exceptional coordination skills and effective communication abilities. Moreover, her attention to detail has been truly impressive.

She has consistently approached new assignments and challenges with enthusiasm, showcasing her passion for Data Analysis. Her commitment and willingness to acquire new knowledge and skills have been evident throughout her internship.

We extend our best wishes to Aarthi M for a successful future, and we have no doubt that she will continue to excel in the field of Data Analysis.

*With Regards,*  
Cognifyz Technologies



cognifyztechnologies@gmail.com | www.cognifyz.com

**Aarthi M**, a third-year ADS student, successfully completed a one-month internship as a **Data Analyst** with Cognifyz Technologies from September to October 2024. This internship provided her with hands-on experience in data analysis, enhancing her practical skills and preparing her for future roles in the field.



# STUDENT AMBASSADOR



my  
GOV  
मेरी सरकार



Mr Rohit Amalan of III Year ADS student has been selected as a MyGov Campus Ambassador, taking on a vital role in contributing to nation-building measures aimed at creating a New India. In this capacity, she serves as a point of contact between MyGov and her institution, organizing events aligned with MyGov initiatives and engaging in educational activities as outlined by the organization.



## &gt;&gt;&gt; NEWSLETTER

STUDENT  
AMBASSADOR

**my  
GOV**  
मेरी सरकार



**Bhavesh M B**, of III year student **Gopisetty pardhavika**, **Vimalraj R**, **Joshva D** and **Avins V R** of II Year student, has been selected as a **MyGov Campus Ambassador**, taking on a crucial role in contributing to nation-building efforts aimed at fostering a New India. In this capacity, he acts as a liaison between MyGov and his institution, organizing events that align with MyGov initiatives.



&gt;&gt;&gt; NEWSLETTER

# STUDENT AMBASSADOR EVENTS



**St. JOSEPH'S INSTITUTE OF TECHNOLOGY**  
We Make You Shine  
(AN AUTONOMOUS INSTITUTION)  
OMR, CHENNAI - 119

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE &  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

1 YEAR ADS ENCLOSING THE TECHNOLOGY 10/10/24

ENTREPRENEURSHIP

UPCOMING TECHNOLOGY  
APPROVED BY GOVERNMENT

CRACKING GOVERNMENT EXAMS

IDEA PRESENTATION

DARSHANA KIRUTHIKA K V

NAREN KARTHICK A

VETHIKA

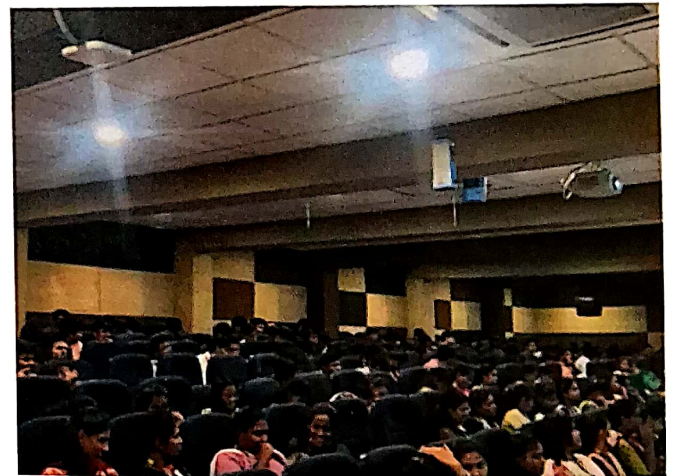
VELAN

**St. JOSEPH'S**  
OMR, CHENNAI - 119

The Choice of  
Disciplined Toppers



**myGOV**  
मेरी सरकार



## Introduction to TNPSC



The Tamil Nadu Public Service Commission (TNPSC) conducts various examinations for recruiting candidates into state government services. This presentation provides a comprehensive overview of all Group exams, their significance, and preparation strategies.

Our third-year ADS students, **Darshana Kiruthika K V**, **Vethika**, **Velan**, along with CSE student **Naren Karthick A**, successfully organized the **Enclosing the Technology** event on October 10, 2024, as part of the **MyGov Ambassadors** initiative. The event focused on **Cracking Government Exams**, providing valuable insights into the TNPSC Group Exams, including their exam patterns and a comprehensive overview of government exams. Through this initiative, they aimed to equip participants with the knowledge and strategies necessary to excel in their preparations for these competitive exams.



&gt;&gt;&gt; NEWSLETTER

# STUDENT ACHIEVEMENTS



**Reginald Alfret V and Rohit Surya A T** of II Year ADS student have achieved first place in the National Level Technical Symposium SYMMETRON-I, conducted by the Department of Mathematical Sciences at Saveetha Institute of Medical and Engineering Sciences in Chennai on October 9, 2024. Their outstanding performance in this prestigious event highlights their dedication and expertise in their field, showcasing their ability to excel in a competitive environment.



&gt;&gt;&gt; NEWSLETTER

# ALUMNI TALK



## ALUMNI TALK

### CAREER OPPORTUNITIES



**Praveen P**

CTS-Programmer analyst  
(Sales Force Developer)

**Nivedhitha M**

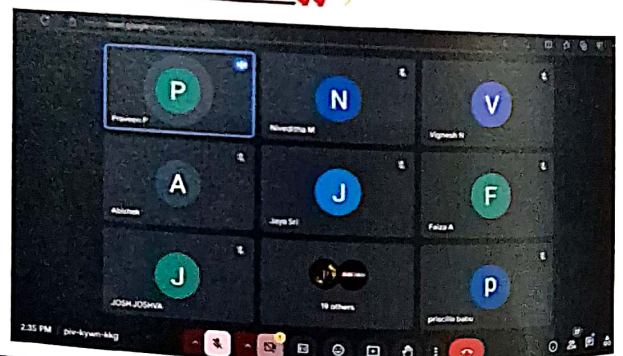
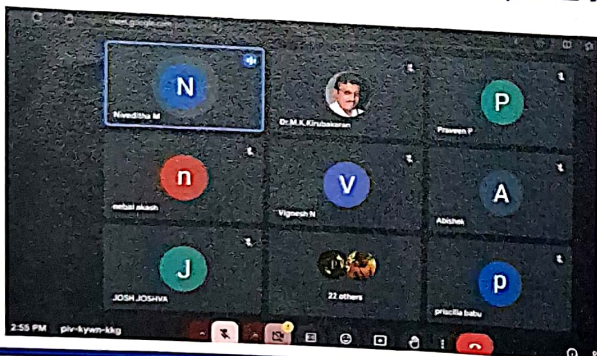
CTS-Programmer analyst  
(Sales Force Developer)

Time: 2:00 P.M to 3:00 P.M

<https://meet.google.com/piv-kywn-kkg>

Date : Oct 16, 2024

III & IV  
Year ADS



The Department of Artificial Intelligence & Data Science organized an insightful alumni talk featuring **Praveen P** and **Nivedhitha M**, both serving as **Programmer Analysts** and **Salesforce Developers** at **Cognizant Technology Solutions (CTS)**. Held online, the session provided students with valuable insights into the evolving landscape of Salesforce development and programming careers. The alumni shared their professional journeys, highlighting key skills, industry expectations, and the importance of continuous learning in the tech field.



&gt;&gt;&gt; NEWSLETTER

# STUDENT WORKSHOP



**TWO DAYS STUDENT WORKSHOP**

04/10/24 & 05/10/24

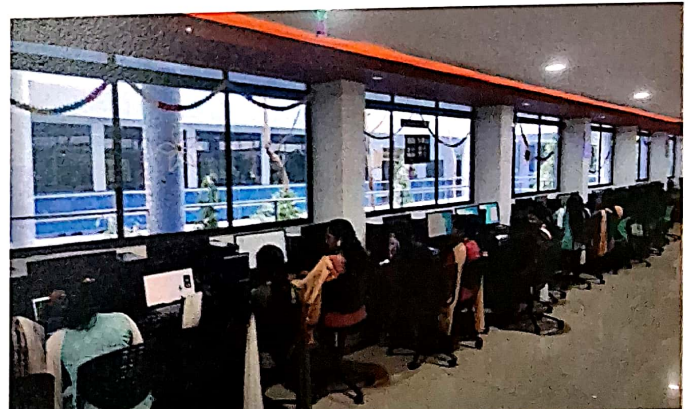
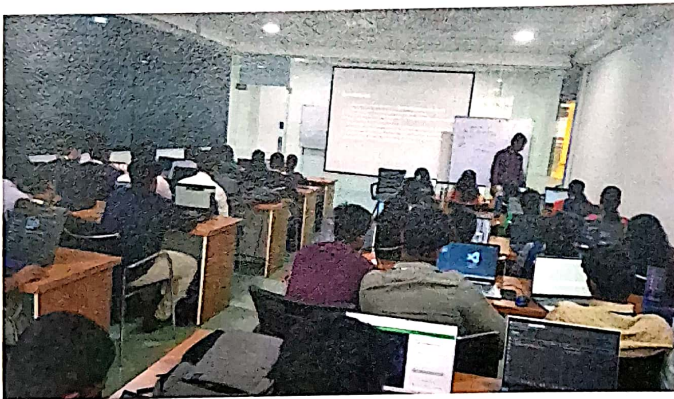
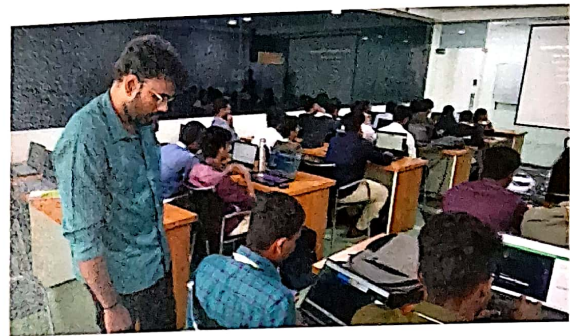
Industrial Collaboration

**OBJECT ORIENTED PROGRAMMING IN AI AND DATA SCIENCE**

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |  |
| Ms. Salom Jerlin<br>Project Head<br>Hitaey Infosys                                | Mr. Hemnath R<br>Managing Director<br>Hitaey Infosys                              | Mr. P. Gopi<br>Senior Software Engineer<br>Altimetrik Pvt. Ltd.                   | Ranjith Kumar<br>Backend developer<br>Hexaware Technologies                       |

8:00 A.M to 3:00 P.M

ADS LAB-1  
AV HALL-56  
PEP CENTRE

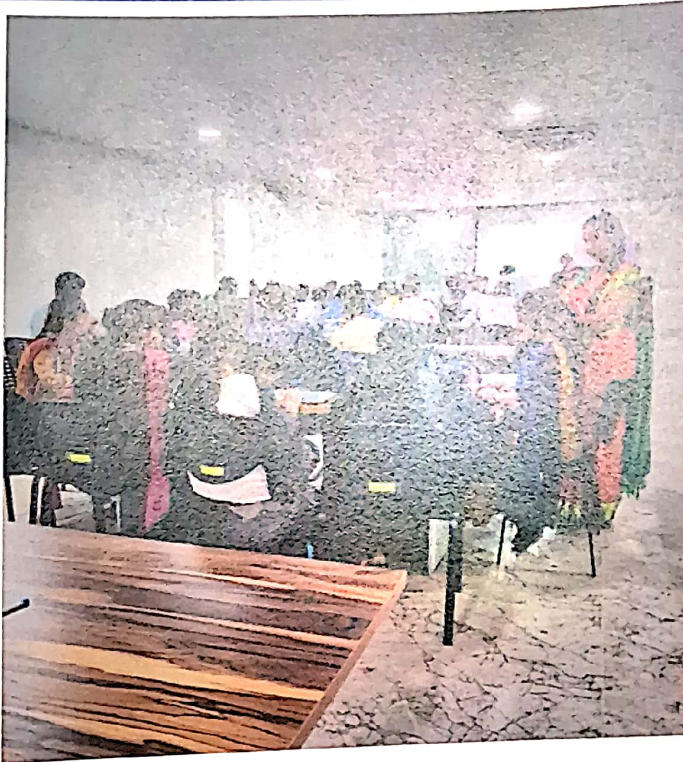


The Department of Artificial Intelligence and Data Science organized a **Two-day student workshop** for second-year students on the topic "**Object-Oriented Programming in AI and Data Science.**" The workshop featured expert sessions led by **Salom Jerlin** from **Hitaey Infosys**, **Gopi** from **Altimetrik Pvt. Ltd.**, and **Ranjith Kumar** from **Hexaware Technologies**. The speakers provided in-depth insights into the principles of object-oriented programming (OOP) and its practical applications in AI and data science. Through interactive sessions, coding exercises, and real-world examples, students gained hands-on experience and enhanced their understanding of OOP concepts crucial for building scalable AI models and data-driven solutions.



&gt;&gt;&gt; NEWSLETTER

# Skill Enhancement Training

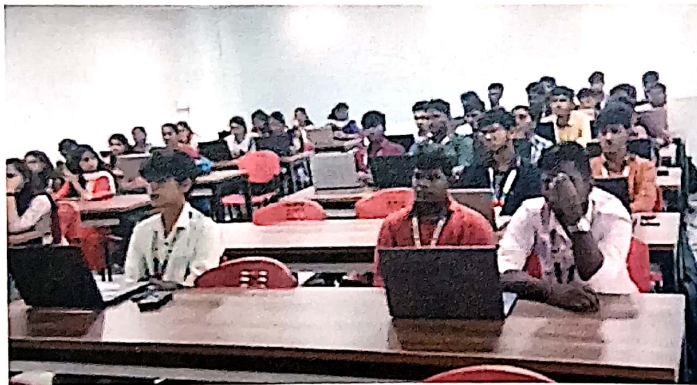


A **six-day Skill Enhancement Training Program** was conducted for **third-year and final-year ADS students** from October 1 to October 8, 2024. Led by Akshaya Hemchandar from Aptitude Guru Hem, the program focused on "**Advanced Java with Data Structures and Algorithms.**" Students developed a strong foundation in advanced Java concepts and gained practical insights into key data structures and algorithms. The sessions were highly interactive, featuring hands-on coding, problem-solving tasks, and real-world applications.



&gt;&gt;&gt; NEWSLETTER

# Skill Enhancement Training



A **six-day Skill Enhancement Training Program** was conducted for **Second Year ADS Student** from October 21 to October 26, 2024. Led by Akshaya Hemchandar from Aptitude Guru Hem, the program focused on "**Java Programming with Data Structures and Algorithms (DSA)**." The training provided students with a thorough understanding of core Java concepts integrated with essential DSA techniques. Through hands-on coding sessions, problem-solving exercises, and practical examples, participants enhanced their programming skills and algorithmic thinking.



>>> NEWSLETTER

# Employability Enhancement Course

## Ethical Hacking and Cyber Security



A five-days Employability Course on "Ethical Hacking and Cybersecurity" was conducted by Supraja Technologies for students of ADS, CSE, and IT. A total of 27 third-year ADS students actively participated, gaining valuable insights into ethical hacking techniques and cybersecurity practices. The course provided hands-on exposure to vulnerability assessment, network security, and cyber threat mitigation. This practical learning experience equipped students with essential skills to identify and address potential security risks, enhancing their readiness for roles in cybersecurity and ethical hacking.



&gt;&gt;&gt; NEWSLETTER

# Employability Enhancement Course

## Cloud Solution Architect



A **five-day Employability Course on "Cloud Solution Architect"** was conducted by **CDAC** for students of ADS, CSE, EEE, and IT. A total of **108 third-year ADS students** participated, acquiring valuable insights into cloud technologies. The course was designed to enhance employability skills by providing in-depth knowledge of cloud architecture, services, and real-world solutions. As part of their academic curriculum, the students earned two credits upon successful completion, enabling them to exempt an elective in the forthcoming semesters. This hands-on learning experience prepared students for future roles in cloud computing, equipping them with industry-relevant expertise.



&gt;&gt;&gt; NEWSLETTER

# INDUSTRY INTERACTION

## ADRIG TECHNOLOGIES



ADRIG AI  
Technologies

Adrig Technologies is a software development company specializing in innovative solutions across multiple domains, including **Artificial Intelligence, Blockchain, and Cloud Computing**. They focus on **Generative AI** applications, such as **Chatbots, Recommendation Systems, and Predictive Analytics**, leveraging advanced models like GPT-4 and LLaMA to enhance business operations and personalization efforts.

### Service

- Generative AI Development Company
- Generative AI Integration Services
- AI Agent Development Company
- AI Copilot Development Company
- ChatGPT Developers
- ChatGPT Integration Service
- Large Language Model Development Company
- LLM Fine-tuning
- LLM Model Integration
- Custom AI Solutions
- Hire Generative AI Engineers

### OUTCOMES



Jerome Ignatius Director  
Adrig Technologies

Vijay Murugadoss CEO & Founder  
Adrig Technologies

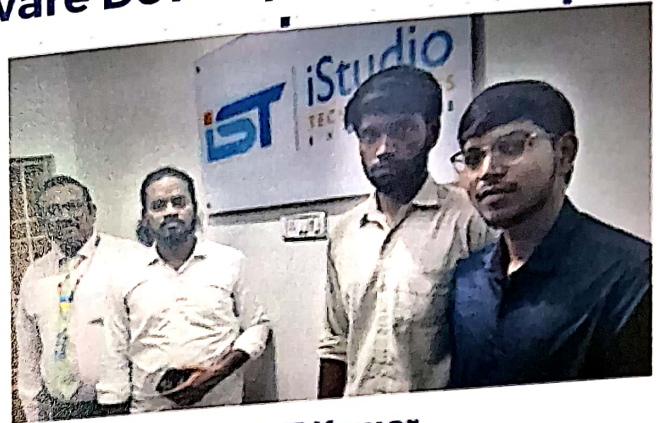
On October 22, 2024, **Dr. M.K. Kirubakaran**, a faculty member of the ADS Department, visited **ADRIG Technologies** to meet with **Director Jerome Ignatius** and **CEO & Founder Vijay Murugadoss**. The purpose of the visit was to explore potential internship and placement opportunities for ADS students, fostering collaboration between the department and the industry. This initiative highlights the department's dedication to providing students with practical exposure and career development, ensuring they are well-prepared for future industry challenges through meaningful partnerships.



# >>> NEWSLETTER INDUSTRY INTERACTION



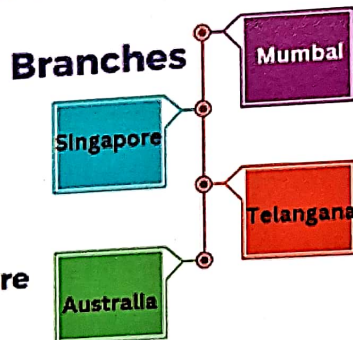
iStudio Technologies - Custom Software Development Company



**Mr.T.Kumar**  
Business Development Manager  
iStudio Technologies, Chennai

- SERVICES**
- Web Development
  - Digital Marketing
  - Mobile APP development
  - IoT Solutions & Industry 4.0
  - E-commerce Development
  - Product Development
  - Search Engine Optimization
  - iOS App & Android App
  - Hospital Management Software
  - Software Testing

## Branches



## Outcomes



On **October 25, 2024**, **Dr. M.K. Kirubakaran**, a faculty member of the ADS Department, met with **Mr. T. Kumar**, the **Business Development Manager** at **iStudio Technologies**, a custom software development company. The meeting was centered on discussing the internship MOU and placement activities for our students.



&gt;&gt;&gt; NEWSLETTER

# INDUSTRY INTERACTION

ingage

## InGage Technologies

InGage is India's leading digital customer engagement company specializing in a patented technology that blends Augmented Reality and 3D animation to engage audiences and build brands. InGage specialises in immersive technology solutions using Augmented Reality and Virtual Reality for experiential training and education, product visualisation, maintenance, and prototyping.

### SPECIALTIES

- Augmented Reality
- 3D Animation
- Android & iOS Application
- Mobile Technologies
- Virtual Reality
- Mixed Reality
- HoloLens
- Artificial Intelligence
- IOT
- Industry 4.0

### OUTCOMES



**Sri Harsha K**  
Vice president  
Ingage group of companies

ingage  
EduTech

SERVEVIS

On **October 26, 2024**, **Dr. M.K. Kirubakaran**, a faculty member of the ADS Department, met with **Mr. K. Sri Harsha**, **Vice President** at **Ingage Group of Companies**, which includes **Ingage EduTech** and **Servevis**. The meeting focused on discussing the internship MOU and placement activities, with the goal of enhancing the connection between the campus and the industry.



&gt;&gt;&gt; NEWSLETTER

# INNOTHON'24

\* An Innovation for the Future \*

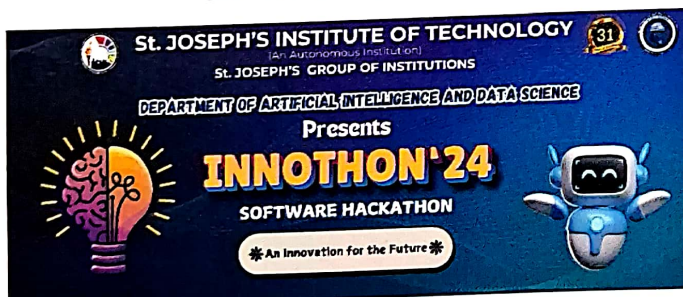
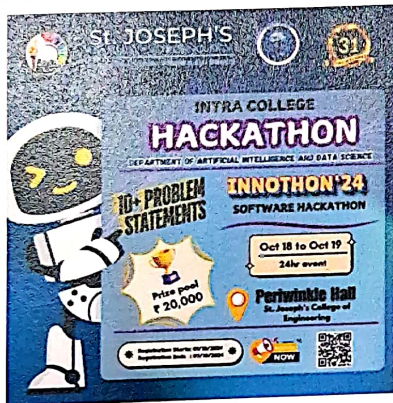
A 24 Hours Intra-College Hackathon

Conducted by

Department of Artificial Intelligence and Data Science

From

18.10.2024 10 a.m. to 19.10.2024 10 a.m.



*We Make You Shine*  
**St. JOSEPH'S INSTITUTE OF TECHNOLOGY**  
 (An Autonomous Institution)  
 St. JOSEPH'S GROUP OF INSTITUTIONS  
 OMR, CHENNAI - 600 078



Department of Artificial Intelligence and Data Science

## Innothon'24

### 24 Hours Software Hackathon

#### Problem Statements

1. Accessible Web Design Tool for the Visually Impaired
2. Smart Home Energy Optimization System
3. Smart Attendance System
4. AI-Powered Job Matching Platform
5. Cybersecurity Threat Detection Platform
6. Smart Classroom Management Software for Enhanced Learning Environments
7. AI for Sustainable Agriculture
8. Smart Waste Management System
9. AI-Powered Learning Platform
10. Alumni Association Platform for University/Institute
11. Smart Hospital Queue and Resource Management System
12. Dynamic Route Rationalization Model
13. Software Solutions to Enhance Educational Infrastructure and Connectivity in Rural Areas
14. Real-Time Disaster Information Aggregation Software



"An Innovation  
for the future"

Your Skills

Your Chance

**Grab your Prize**

The Innothon'24 Software Internal Hackathon is an exciting event where creative minds come together to develop innovative software solutions within a set timeframe. Teams brainstorm and prototype to tackle 45 problem statements, with 200 teams from St. Joseph's College of Engineering and St. Joseph's Institute of Technology submitting their ideas. These submissions were evaluated by a panel of 8 industry experts based on technology, design, idea, presentation, and inspiration. On October 10, 2024, 45 teams were shortlisted for the final round, which will take place from October 18 to 19, 2024.



## CHIEF GUESTS



**Mr. R Lakshmi Narasimhan**  
Director of Technologies  
Lean Impeccable Tech



**Mr. M Naveen Kumar**  
Data Engineer  
C# Corner MVP

## JURY MEMBERS



**Dr. Ajay D M**  
Senior Research Engineer  
HCL Technologies



**Mr. C Sathishkumar**  
Specialist Data Sciences - Gen AI  
Tata Consultancy Services.Ltd



**Mr. S Thamaraiselvam**  
Faculty, Zoho Schools of learning  
Zoho Cooperation Pvt.Ltd



**Mr. M Danushraj**  
OSX Developer  
Zoho Corporation Pvt Ltd



**Mr. Vijay Jaganathan**  
Senior Salesforce Marketing  
Cloud Consultant  
Aethereus Consulting Pvt Ltd



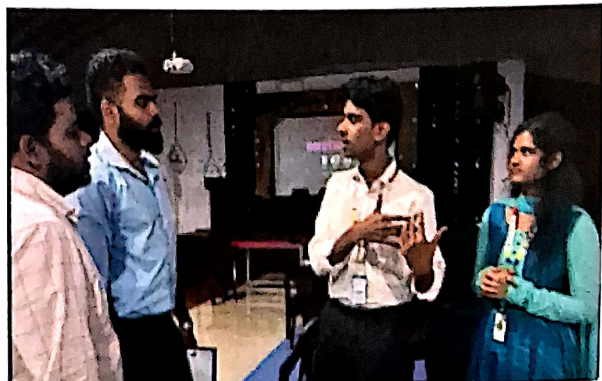
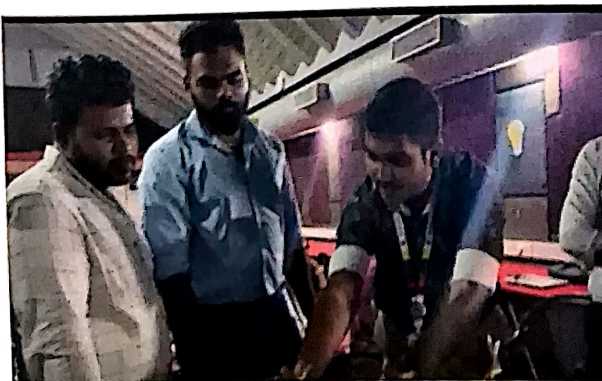
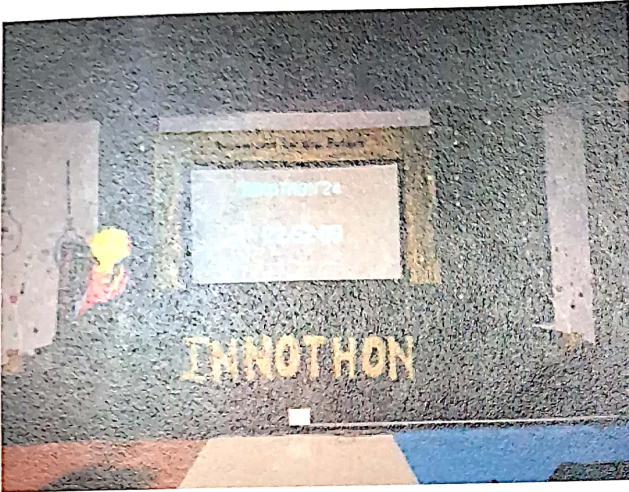
**Mr. Mohamed Abdul Fazil**  
Analyst-Senior Developer  
Kaar Technologies



>>> NEWSLETTER

# INNOTHON'24

\* An Innovation for the Future \*

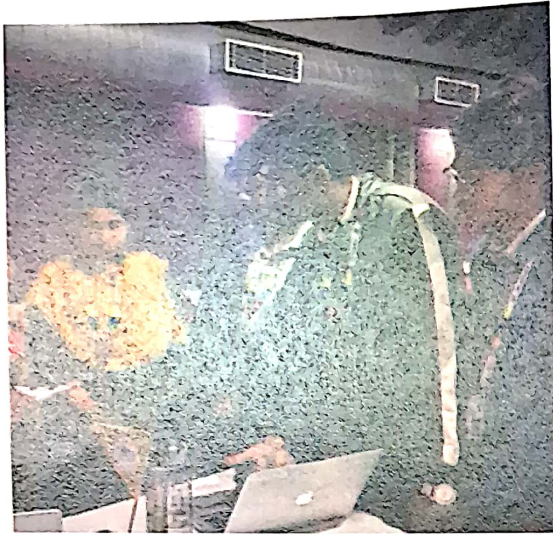




>>> NEWSLETTER

# INNOTHON'24

\* An Innovation for the Future \*





# STUDENT ACHIEVEMENTS

## Innothon'24 WINNERS



**St. JOSEPH'S**  
INSTITUTE OF TECHNOLOGY  
An Autonomous Institution, Affiliated to Anna University



Department of Artificial Intelligence and Data Science

### Congratulations

**II<sup>nd</sup> Year ADS**

**Innothon'24 Winners**

**3<sup>rd</sup> Prize Rs.3,000/-**

**Team Name : COSMIC CODERS**  
**Mentor : Mr. S. Abilash Nath ,Mr.S. Lakshminarayanan**  
**Problem Statement : AI Powered Learning Platform**

**Team Members**  
 1.Alex Rohith I  
 2.Abishek Lawrence  
 3.Ashwanth Kumar K  
 4.Bharath S  
 5.Barath E



**St. JOSEPH'S**  
GROUP OF INSTITUTIONS  
OMR, CHENNAI-119



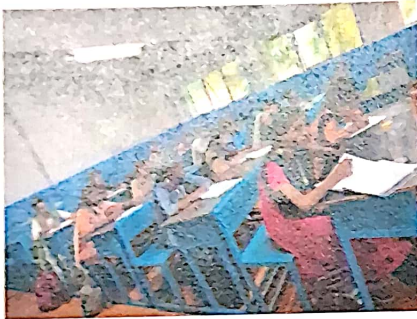
*The Choice of  
Disciplined Toppers*

Our II Year ADS students **Alex Rohith I, Abishek Lawrence, Ashwanth Kumar K, Bharath S, and Barath E** won third place with the **cash prize of Rs.3000/-** for their project, "**AI Powered Learning Platform.**" Their mentors were **S. Abilash Nath and S. Lakshmi Narayanan.**



&gt;&gt;&gt; NEWSLETTER

# SEERA CLASSES

**DATE : 04.10.24****DATE : 09.10.24**

On October 04 and October 10 Seera classes were held for our students. The training sessions were categorized into targeted areas, including aptitude, programming, and communication skills. This focused approach aimed to equip students with essential skills and prepare them for their upcoming career challenges and opportunities.



# SkillRack Toppers



## Final Year (2021-2025)

| S.No | Name        | Programs Solved | Bronze | Skill Rack Rank |
|------|-------------|-----------------|--------|-----------------|
| 1.   | SRIHARI R   | 2258            | 1317   | 1480            |
| 2.   | DHANESH C   | 2098            | 1064   | 1933            |
| 3.   | KIRUTHIKA P | 1277            | 366    | 8860            |
| 4.   | RINITH Y    | 1170            | 536    | 11078           |
| 5.   | LEO S       | 1155            | 602    | 11480           |

## III Year (2022-2026)

| S.No | Name              | Programs Solved | Bronze | Skill Rack Rank |
|------|-------------------|-----------------|--------|-----------------|
| 1.   | YADAV PRASAD G B  | 2290            | 1180   | 1414            |
| 2.   | KATHIRAVAN B      | 1915            | 970    | 2645            |
| 3.   | PRAVEEN S         | 1847            | 961    | 2965            |
| 4.   | BALASUBRAMANIAN M | 1456            | 525    | 5994            |
| 5.   | LANKESH M         | 1311            | 656    | 8282            |

## II Year (2023-2027)

| S.No | Name                                  | Programs Solved | Bronze | Skill Rack Rank |
|------|---------------------------------------|-----------------|--------|-----------------|
| 1.   | MARIA PETER RUFIN M                   | 1723            | 477    | 3617            |
| 2.   | RISHINI DHARAN T                      | 1649            | 498    | 4120            |
| 3.   | SABARISH S                            | 1610            | 418    | 4458            |
| 4.   | ROHITSURYA AKRIAMMAN<br>THANIGAIMALAI | 1597            | 488    | 4567            |
| 5.   | INFANT JOEL E                         | 1512            | 363    | 5513            |

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!



# PLACEMENT



**St. JOSEPH'S**  
INSTITUTE OF TECHNOLOGY  
(An Autonomous Institution)

Department of Artificial Intelligence and Data Science

*Congratulations*

Placed at  
**MASTECH**  
INFOTRELLIS  
**6.5 LPA**



**MASTECH**  
infoTrellis

**Mr. R SANJITH KUMAR**  
(Batch 2021 - 25)

**Data Engineer**

St. Joseph's College of Engineering  
**YOU CHOOSE, WE DO IT**  
St. Joseph's Institute of Technology  
**WE MAKE YOU SHINE**

*The Choice of  
Disciplined Toppers*

**MASTECH**  
infoTrellis

**Infosys**<sup>®</sup>  
POWERED BY INTELLECT  
DRIVEN BY VALUES

**St. JOSEPH'S**  
INSTITUTE OF TECHNOLOGY  
(An Autonomous Institution)

Department of Artificial Intelligence and Data Science

*Congratulations*






Ayana Justin  
Selvakumar

Suram Divya

Monika A

Jeevika T

[Batch 2021 - 25]

**Systems Engineer**

Placed at  
**Infosys**  
**3.6 LPA**

**St. JOSEPH'S**  
GROUP OF INSTITUTIONS  
OMR, CHENNAI - 119

*The Choice of  
Disciplined Toppers*

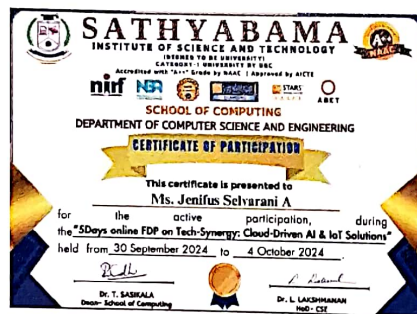
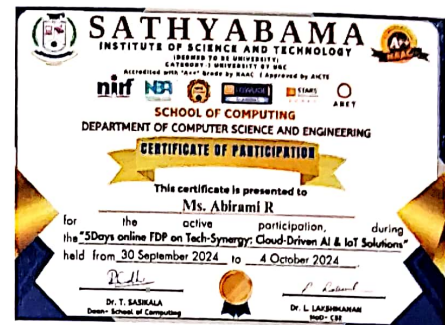
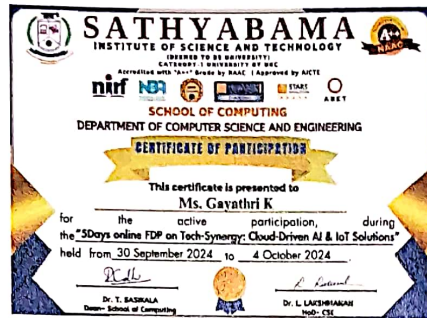
Sanjith Kumar, a final-year ADS student, has secured a position as a Data Engineer at Mastech Infotrellis with an impressive package of ₹6.5 LPA. Additionally, Ayana J, Suram Divya, Monika A, and Jeevika T have been placed at Infosys as Systems Engineers, each with a package of ₹3.6 LPA. These placements highlight the students' skills and readiness to excel in their professional careers in the tech industry.



# FACULTY ACHIEVEMENTS



## FACULTY DEVELOPMENT PROGRAM

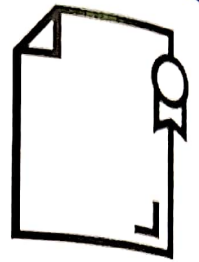


Faculty members **Priya S B**, **Gayatri K**, **Abirami R**, **S Lakshminarayanan**, and **A Jenifus Selvarani** participated in a Five-day Online Faculty Development Program titled "**Tech-Synergy - Cloud-Driven AI & IoT Solutions**", organized by Sathyabama Institute of Science and Technology, Chennai. This program focused on the integration of cloud technologies in Artificial Intelligence and the Internet of Things, providing the participants with insights into emerging solutions and practical applications. **A Jenifer** participated in a Five-day Offline Faculty Development Program on "**Harnessing Green IT: Transforming Tomorrow's Challenges to Innovation**" from September 27 to October 3, 2024, held at SRM Institute of Science and Technology, Kattankulathur, Chennai.

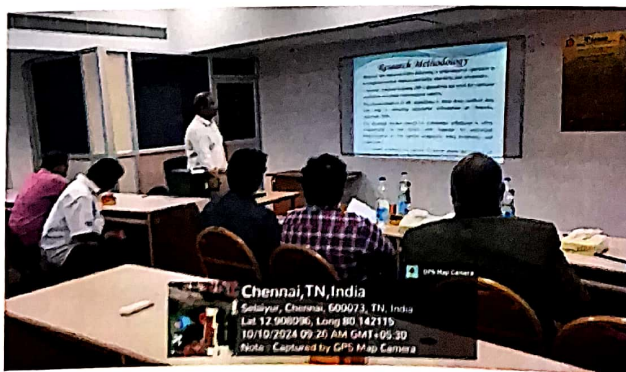


&gt;&gt;&gt; NEWSLETTER

# Paper Presentation



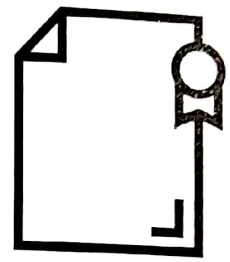
S. Lakshminarayanan presented a paper titled "Advanced Data Science Techniques for Dynamic Optimization of Digital Marketing Campaigns: Leveraging Reinforcement Learning, NLP, and Gradient Boosting" at the 3rd International Conference on Optimization Techniques in the Field of Engineering (ICOFE-2024), held at K.S.R. College of Engineering, Namakkal. His research focused on utilizing advanced data science methods to enhance the effectiveness of digital marketing campaigns, specifically through the application of reinforcement learning, natural language processing (NLP), and gradient boosting techniques.



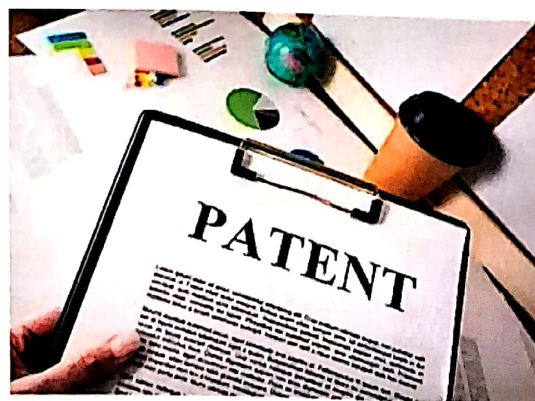
Mr. A.V. Allin Geo successfully completed his Viva Voce at Bharath University on October 10, 2024. This achievement marks a significant milestone in his academic journey and showcases his dedication to advancing his expertise in his field.



# Patent Publications



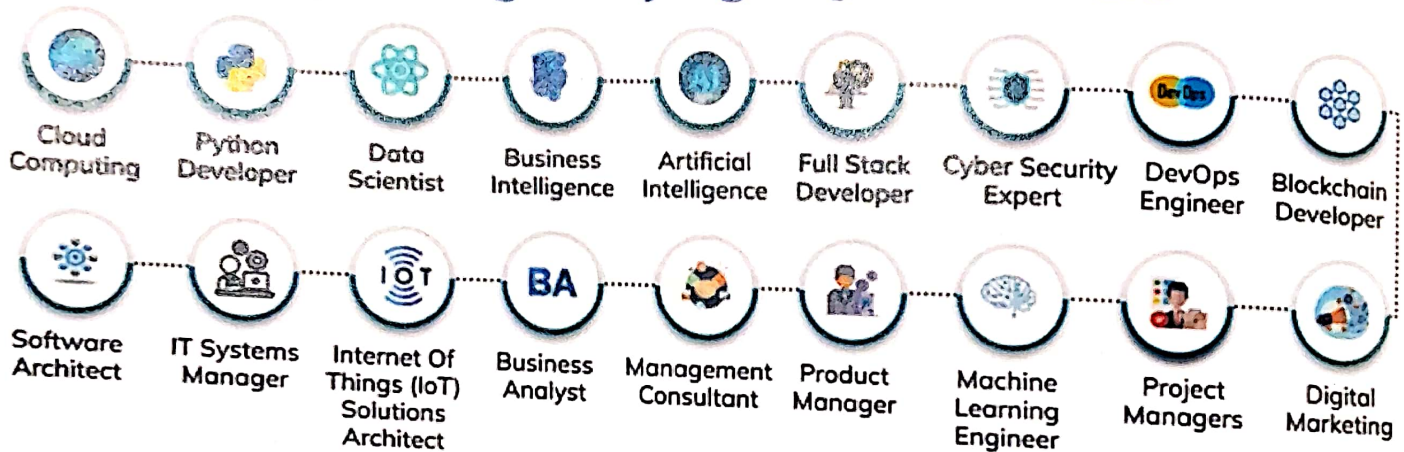
- **J Gold Beulah Patturose** -Integrated Health Management Platform with IOT and Artificial Intelligence, Date of Publication: 04/10/2024, Application Number: 202441068907 A. Docket Number 90576.
- **J Gold Beulah Patturose** -MIMO Antenna System Optimized for 5G Networks, Date of Publication: 04/10/2024, Application Number: 202441071577A. Docket Number 90879.
- **J Gold Beulah Patturose** -Integrated Farm Security System Incorporating Computer Vision and Machine Learning, Date of Publication: 04/10/2024, Application Number: 202441071985A. Docket Number 90953.
- **A Jenifus Selvarani** - Blockchain Based Secure Communication Protocol for IOT Devices, Date of Publication: 25/10/2024, Application Number: 202441078478A. Docket Number 99338.





# EduTech Pioneers

## Top 18 High-Paying IT Jobs In India



JanBask  
TRAINING

## • ROADMAP FOR A THRIVING • DATA ENGINEERING CAREER





