



**SRI MANAKULA VINAYAGAR**  
**ENGINEERING COLLEGE**

**(AN AUTONOMOUS INSTITUTION)**

**(APPROVED BY AICTE, NEW DELHI AND AFFILIATED TO PONDICHERRY UNIVERSITY)**  
**(ACCREDITED BY NBA-AICTE, NEW DELHI, ACCREDITED BY NAAC WITH "A" GRADE)**  
**MADAGADIPET, PUDUCHERRY - 605 107**



**DEPARTMENT OF ARTIFICIAL INTELLIGENCE  
AND DATA SCIENCE**

**INNOVATIVE DEVELOPERS' STUDENTS CLUB**



***Staff Coordinators***

**Mr R. Rajan ,AP/AI&DS**

**Mrs.P. Kanchanadevi, AP/AI&DS**

## **PREFACE**

Innovative Developers Students Club (IDSC) is a department-driven student initiative established to cultivate creativity, technical proficiency, and forward-thinking problem-solving among students. The club functions as a collaborative platform where aspiring developers are encouraged to transform innovative ideas into practical solutions through continuous learning and active participation. IDSC aims to nurture a culture of experimentation, innovation, and technological exploration within the academic environment.

Founded to strengthen students' development skills and enhance their exposure to emerging technologies, IDSC emphasises practical implementation alongside conceptual understanding. The club regularly organises technical workshops, coding sessions, project showcases, brainstorming forums, and interactive events that motivate students to refine their programming abilities and build real-time applications. Through structured activities and collaborative initiatives, members gain hands-on experience that enhances both technical confidence and creative thinking.

As a department club, IDSC plays a significant role in encouraging teamwork, leadership, and peer-to-peer learning. Students are provided opportunities to take initiative in planning events, coordinating technical activities, mentoring juniors, and managing project-based discussions. Such responsibilities foster organisational skills, accountability, and effective communication, which are essential attributes for professional growth.

IDSC also promotes innovation-driven learning by encouraging students to participate in coding competitions, technical challenges, and collaborative development projects. The club creates an environment where curiosity is valued, ideas are supported, and learning extends beyond the classroom. By focusing on consistent skill enhancement and practical exposure, IDSC contributes to building competent, industry-ready developers equipped to adapt to evolving technological trends.

Through dedication, collaboration, and a strong commitment to excellence, the Innovative Developers Students Club continues to inspire students to think creatively, build responsibly, and strive for continuous improvement in their technical journey.

### **Staff Coordinators:**



Mr R. Rajan ,AP/AI&DS

Mrs.P. Kanchanadevi, AP/AI&DS



**Head of the Department**  
**[Dr.J.Madhusudanan]**



**Dean Academics**  
**[Dr.A.A.Arivalagar]**



**Director cum Principal**  
**[Dr. V.S.K. Venkatachalapathy]**



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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

## **Innovative Developer Students Club**

**(Academic Year: 2025 to 2026)**



<b>ACADEMIC YEAR</b>	<b>TOTAL NO OF EVENTS</b>
2025 - 2026	7

**Club Leader:**

Naveen Kumar S - III year 'A'

**Club Members:**

Ravikanth S - III year 'B' (**Tech Lead**)

Dakshnamorthy K - III year 'B' (**Event Co-ordinator**)

Lalithambiga S - III year 'B' (**Content Creator**)

Harini A - III year 'A' (**Out-Reach**)

Hemajothi S - III year 'A' (**Event Management**)

**Staff Coordinators:**

Mr.R. Rajan

Mrs.P. Kanchanadevi

**MOTO : “ *INNOVATE. BUILD. INSPIRE.* ”**

## EXPERT TALK

### AI Career Compass

**Date:** 04/09/2025

**Duration:** 8 Hours



**SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE**

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Madagadipet, Puduchery 605 107

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

ORGANIZES



**EXPERT TALK ON AI CAREER  
COMPASS**



 **04/09/2025**

 **AI&DS LAB**

**ROHIT S K**

ALUMINI

**PRODUCT MANAGER  
ZOHO**



[www.smvec.ac.in](http://www.smvec.ac.in)



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MADAGADIPET, PUDUCHERRY - 605 107



SMVEC/AI&DS/Circular/2024-2025

01.09.2025

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**  
**INTERNAL CIRCULAR**

**Dear Faculty & Students,**

All faculty members and students of the Department of Artificial Intelligence and Data Science are hereby informed that an Expert Talk on career opportunities in Artificial Intelligence and related technology domains was organized on 04.09.2025 for the benefit of students.

The session was delivered by a distinguished alumnus, currently working as a Product Manager at Zoho, and focused on industry expectations, career pathways in AI, and aligning academic learning with real-world roles. Practical guidance on skill development, project work, internships, and early career decision-making was shared.

The talk reinforced the department's emphasis on hands-on and industry-oriented learning, supporting students in preparing for placements and future professional growth.

**Copy To:**

1. All Classes
2. Department Notice Board

HOD / AI & DS

(Dr. J. Madhusudanan)

**Expert Detail**

Name: Rohit S K  
Designation: Product Manager  
Organization: Zoho Corporation  
Alumnus: SMVEC

**Brief about Expert/Speaker:**

Mr. Rohit S K is a distinguished alumnus of SMVEC, currently serving as a Product Manager at Zoho Corporation, one of India's leading product-based software companies. With hands-on experience in building and managing scalable software products, he brings strong industry exposure to product development, user-centric design, data-driven decision-making, and cross-functional collaboration.

As a Product Manager, he plays a crucial role in bridging technology, business, and user requirements—working closely with engineering, design, and marketing teams to deliver impactful products. His journey from academia to a leadership role in a reputed organization like Zoho offers valuable insights for students aspiring to enter AI-driven and technology-focused careers. Passionate about guiding students, he actively shares practical advice on career planning, skill development, and navigating early professional challenges.

**Outcome of the Activity:**

The Expert Talk, organized by IDSC – Innovative Developers Student Club, provided students with a clear, career-oriented understanding of opportunities in Artificial Intelligence, Data Science, and related technology domains.

Participants gained insights into:

- Diverse career pathways within AI, data-driven industries, and product-oriented roles.
- The expectations of employers from fresh graduates in the current tech landscape.
- The importance of aligning academic learning with real-world industry requirements.

and continuous upskilling to enhance employability.

- Practical steps such as project-based learning, internships, skill specialization,
- How experiential learning initiatives supported by the Department of Artificial Intelligence and Data Science—such as workshops, hackathons, internships, and industry engagement—play a key role in career readiness.

The session motivated students to take ownership of their career journey by making informed decisions during their academic phase and preparing strategically for placements, internships, or entrepreneurial ventures.

### **Key Highlights:**

#### **Expert Insights by Mr. Rohit S K (Product Manager, Zoho):**

- Shared his professional journey from being a student at SMVEC to becoming a Product Manager at Zoho.
- Explained the role of a Product Manager and how AI and data influence modern product development.
- Emphasized the value of problem-solving, communication, and cross-functional collaboration alongside technical skills.

#### **Career Opportunities in AI & Tech Industries:**

- Overview of roles such as Data Analyst, Machine Learning Engineer, Product Manager, and AI Consultant.
- Discussion on how AI skills extend beyond coding into business, product, and user-experience domains.

#### **Skill Development & Career Readiness:**

- Importance of hands-on projects, internships, hackathons, and real-world problem-solving.
- Encouraged students to specialize in specific domains rather than learning tools superficially.

#### **Industry-Academia Alignment:**

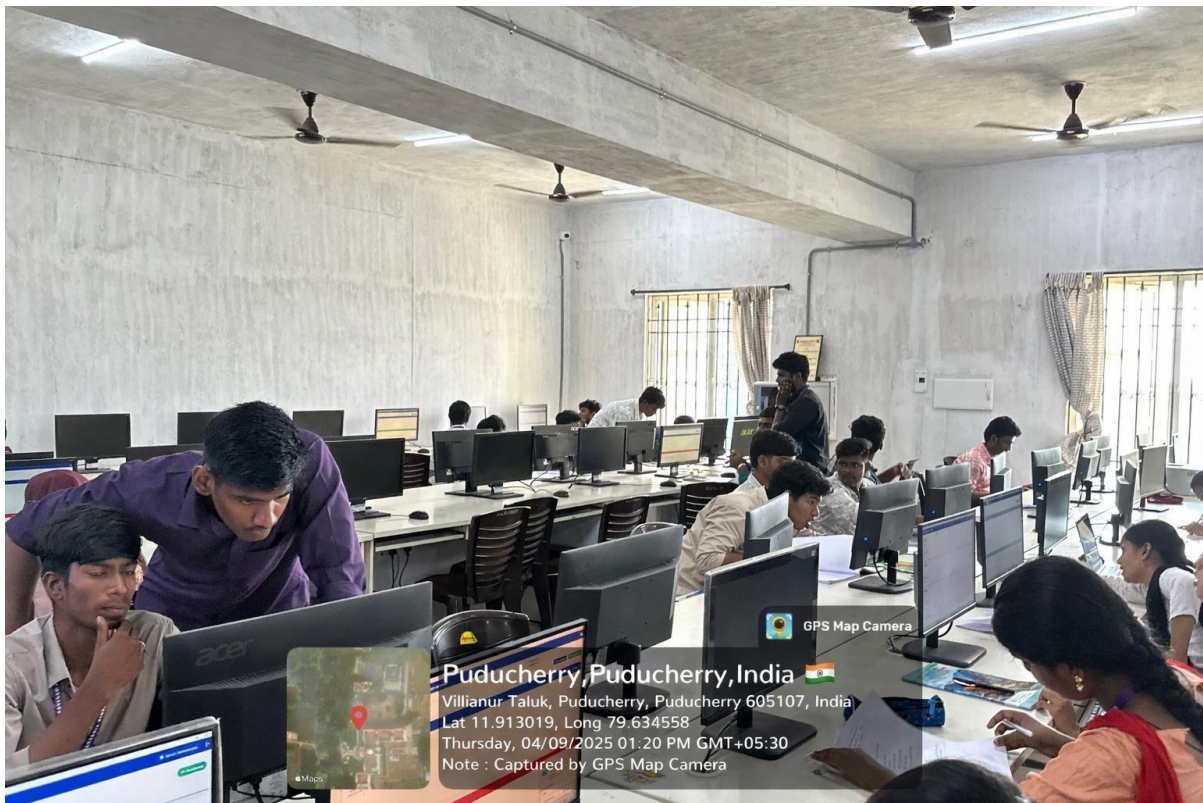
- Highlighted how the Department of Artificial Intelligence and Data Science at SMVEC supports experiential learning.

- Stressed the importance of industry exposure and alumni interaction in shaping career clarity.

### Interactive Q&A Session:

- Active participation from students with questions on career choices, skill prioritization, and industry expectations.
- Guidance on transitioning from academic learning to professional roles in tech companies.

### PHOTO GALLERY





**BUDGET ALLOCATION**

<b>Expense Head</b>	<b>Description</b>	<b>Amount (INR)</b>
Honorarium for Expert Speaker	Token of appreciation for guest	₹3000
Refreshments	Light snacks/tea and lunch for guest	₹1000
Stationery & Printing	Banners,Certificates	₹1000
<b>Total</b>		<b>₹5000</b>

**PARTICIPANT DETAILS:**

Event Coordinator: Mrs.P.Kanchanadevi,AP/AI&DS

Total no. of Student participation: 270

Total no. of Staff (Teaching/Non-teaching) Participation: 6

  
Convenor

  
Vice President

  
President

  
Director cum Principal

## EXPERT TALK

### Panel Discussion on emerging AI industry trends

**Date:** 15/10/2025

**Duration:** 8 Hours

**SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE**  
(AN AUTONOMOUS INSTITUTION)  
Madagadipet, Puduchery 605 107

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

ORGANIZES

**PANEL DISCUSSION ON  
EMERGING AI INDUSTRY TRENDS**

INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiative)

**NARESH S**  
ALUMINI  
PROGRAMMER ANALYST  
COGNIZANT

**ROHIT S K**  
ALUMINI  
PRODUCT MANAGER  
ZOHIO

**ARAVINDHAN A**  
ALUMINI  
JUNIOR DATA SCIENTIST -  
KATONIC AI

15/10/2025  
AI&DS LAB

[www.smvec.ac.in](http://www.smvec.ac.in)



SMVEC/AI&amp;DS/Circular/2024-2025

12.10.2025

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**  
**INTERNAL CIRCULAR**

**Dear Faculty Members and Students,**

All faculty members and students of the Department of Artificial Intelligence and Data Science are hereby informed that a Panel Discussion on “Emerging AI Industry Trends” will be conducted on 15.10.2025 at the AI & DS Laboratory.

The session will feature distinguished alumni working in various roles across the AI and technology industry. The objective of the panel discussion is to provide students with insights into current AI industry trends, real-world applications of artificial intelligence, career opportunities, and industry expectations.

The discussion will cover topics such as applied machine learning, data-driven decision-making, product development, and practical challenges in deploying AI solutions. The interactive format will enable students to engage directly with the panel lists and gain valuable guidance from industry professionals.

All students are requested to take note of the above information and attend the session as per the schedule.

**Copy To:**

1. All Classes
2. Department Notice Board

HOD / AI & DS

(Dr. J. Madhusudanan)

## Expert Details

### Panelist 1

**Name:** Naresh S

**Designation:** Programmer Analyst

**Organization:** Cognizant Technology Solutions

**Alumnus:** SMVEC

#### **Brief about Expert/Panelist:**

Mr. Naresh S is a proud alumnus of SMVEC, currently working as a Programmer Analyst at Cognizant Technology Solutions. With hands-on experience in enterprise-level software development and data-driven applications, he has contributed to building and maintaining scalable technology solutions for global clients. His professional journey reflects a strong foundation in programming, problem-solving, and adapting academic knowledge to real-world corporate environments. He actively shares guidance with students on industry expectations, technical skill building, and career transitions in IT and AI-driven domains.

### Panelist 2

**Name:** Rohit S K

**Designation:** Product Manager

**Organization:** Zoho Corporation

**Alumnus:** SMVEC

#### **Brief about Expert/Panelist:**

Mr. Rohit S K is an accomplished alumnus of SMVEC, currently serving as a Product Manager at Zoho Corporation. He brings valuable industry insights into product development, user-centric design, and data-informed decision-making. His role involves bridging technology and business by collaborating with engineering, design, and marketing teams to deliver impactful software products. His experience offers students clarity on emerging product-oriented roles within AI and technology-driven industries.

**Panelist 3**

**Name:** Aravindhana A

**Designation:** Junior Data Scientist

**Organization:** Katonic AI

**Alumnus:** SMVEC

**Brief about Expert/Panelist:**

Mr. Aravindhana A is a dedicated alumnus of SMVEC, currently working as a Junior Data Scientist at Katonic AI. He is actively involved in developing and deploying machine learning models, working with real-world datasets, and solving business problems using AI and analytics. His exposure to applied machine learning and data science pipelines provides students with practical perspectives on how theoretical AI concepts are implemented in production environments.

**Outcome of the Activity:**

The Panel Discussion on Emerging AI Industry Trends provided students with a holistic understanding of the current and evolving AI ecosystem. The session enabled participants to:

- Gain awareness of real-world applications of Artificial Intelligence, Data Science, and product development across industries.
- Understand the transition from academic learning to industry roles through alumni experiences.
- Identify key skill requirements, tools, and competencies expected by employers in AI-driven careers.
- Appreciate the importance of continuous learning, adaptability, and interdisciplinary thinking in the fast-evolving AI landscape.

The discussion reinforced the Department of Artificial Intelligence and Data Science's focus on experiential learning and industry engagement, motivating students to prepare strategically for internships, placements, and advanced career paths.

**Key Highlights:****Industry Insights from Alumni Panelists:**

- Shared professional journeys from SMVEC to roles in Cognizant, Zoho, and Katonic AI.
- Discussed how foundational AI and programming concepts evolve into specialized industry skills.

**Emerging AI Industry Trends:**

- Applied Machine Learning and real-world AI deployment.
- Data-driven decision-making and analytics in business environments.
- Product innovation influenced by AI and user-centric design.

**Career Guidance & Skill Development:**

- Emphasis on building strong fundamentals in programming, data structures, and AI concepts.
- Importance of hands-on projects, internships, hackathons, and continuous upskilling.

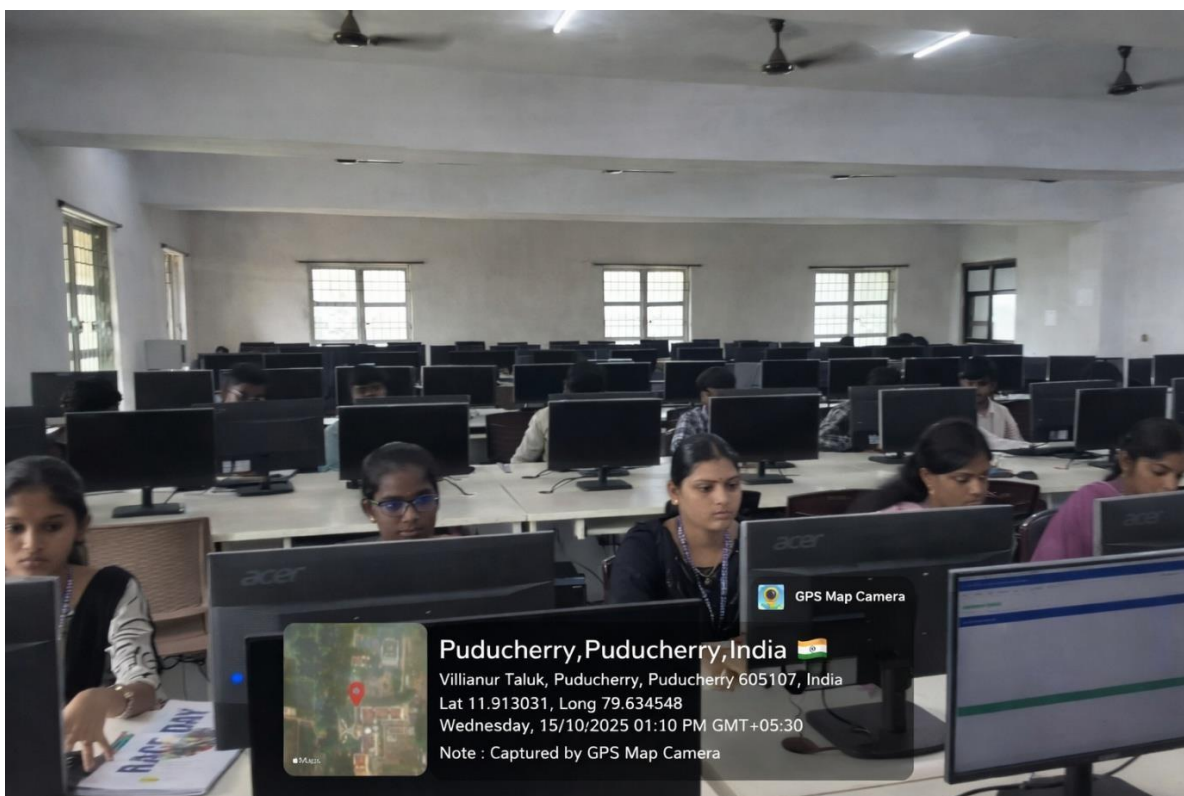
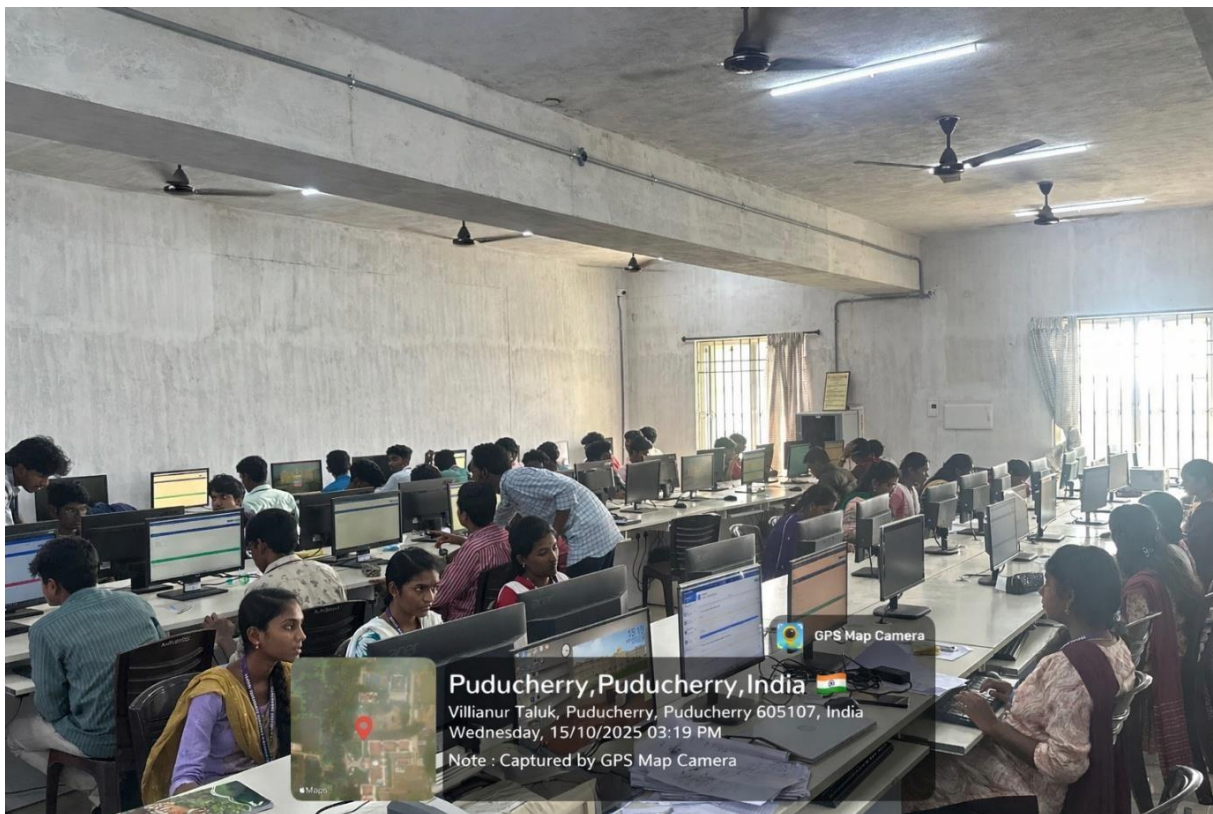
**Academia–Industry Connection:**

- Highlighted the role of alumni interaction in bridging the gap between classroom learning and corporate expectations.
- Reinforced the department's initiatives in workshops, projects, and industry-oriented activities.

**Interactive Panel Discussion & Q&A:**

- Active participation from students through questions and discussions.
- Mentorship-oriented guidance on career planning, specialization, and industry preparedness.

PHOTO GALLERY



**BUDGET ALLOCATION**

<b>Expense Head</b>	<b>Description</b>	<b>Amount (INR)</b>
Honorarium for Expert Speaker	Token of appreciation for guest	₹3000
Refreshments	Light snacks/tea and lunch for guest	₹1000
Stationery & Printing	Banners,Certificates	₹1000
<b>Total</b>		<b>₹5000</b>

**PARTICIPANT DETAILS:**

Event Coordinator: Mrs.P.Kanchanadevi,AP/AI&DS

Total no. of Student participation: 273

Total no. of Staff (Teaching/Non-teaching) Participation: 5

  
Convenor

  
Vice President

  
President

  
Director cum Principal

**EXPERT TALK****Foundational Programming For Innovations****Date:** 04/09/2025**Duration:** 8 Hours

**SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE**  
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Madagadipet, Puduchery 605 107



**ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

ORGANIZES



**FOUNDATIONAL PROGRAMMING FOR INNOVATION:  
HANDS-ON C WORKSHOP**



**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of HRD Initiative)



**ARAVINDHAN A**  
ALUMINI

**JUNIOR DATA SCIENTIST -  
KATONIC AI**

**8/11/2025**

**AI&DS LAB**

[www.smvec.ac.in](http://www.smvec.ac.in)



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SMVEC/AI&DS/Circular/2024-2025

05.11.2025

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

**INTERNAL CIRCULAR**

**Dear Faculty Members and Students,**

All faculty members and students of the Department of Artificial Intelligence and Data Science are hereby informed that a Hands-on Workshop titled “Foundational Programming for Innovation: C Workshop” will be conducted on 08.11.2025 at the AI & DS Laboratory.

The workshop will be handled by Mr. Aravindhan A, Alumni of the department and Junior Data Scientist, Katonic AI. The session aims to provide students with a strong foundation in C programming through hands-on coding, live demonstrations, and practical exercises. The focus will be on building core programming concepts and understanding their relevance in higher-level domains such as data science, artificial intelligence, and software development.

The workshop is intended to enhance students’ practical programming skills and bridge the gap between academic learning and industry expectations.

All concerned students are requested to take note of the above information and attend the workshop as per the schedule.

**Copy To:**

1. All Classes
2. Department Notice Board

*J. Madhusudan*

HOD / AI & DS

(Dr. J. Madhusudan)

**Expert            Detail****Name:** Aravindhan A**Designation:** Junior Data Scientist**Organization:**     Katonic     AI**Alumnus:** SMVEC**Brief about Expert/Speaker:**

Mr. Aravindhan A is a distinguished alumnus of SMVEC, currently working as a Junior Data Scientist at Katonic AI. With hands-on experience in data analysis, machine learning workflows, and applied programming, he brings practical industry exposure to students. His strong foundation in programming languages, including C, Python, and data-centric technologies, enables him to effectively bridge core computer science concepts with modern AI and data science applications. Passionate about mentoring students, he actively guides learners on building strong fundamentals that support advanced technical and research-oriented careers.

**Outcome of the Activity:**

The C Programming Workshop provided participants with a strong hands-on foundation in structured programming and problem-solving. By the end of the session, students were able to:

- Understand core concepts of the C programming language, including variables, data types, control structures, and functions.
- Write, compile, execute, and debug basic C programs through guided practice.

- Apply logical thinking and structured coding approaches to solve simple programming problems.
- Recognize the role of foundational programming skills in advanced domains such as AI, data science, and software development.
- Gain clarity on how strong fundamentals in C and systems-level programming support future academic projects, research, and industry work.

The workshop enhanced students' technical confidence while reinforcing the importance of continuous hands-on practice.

### **Key Highlights:**

#### **Technical Sessions by Mr. Aravindhan A (Junior Data Scientist, Katonic AI):**

- Live coding demonstrations covering syntax, program structure, and execution flow in C.
- Step-by-step explanation of variables, loops, conditional statements, and functions.

#### **Hands-on Learning Approach:**

- Practical coding exercises allowing students to implement concepts in real time.
- Debugging demonstrations to help learners understand and fix common programming errors.

#### **Industry Relevance & Career Perspective:**

- Explained how foundational programming skills are essential for data science pipelines, algorithms, and machine learning systems.

- Shared insights on how strong coding fundamentals contribute to long-term career growth in AI and software roles.

### **Alignment with Department Vision:**

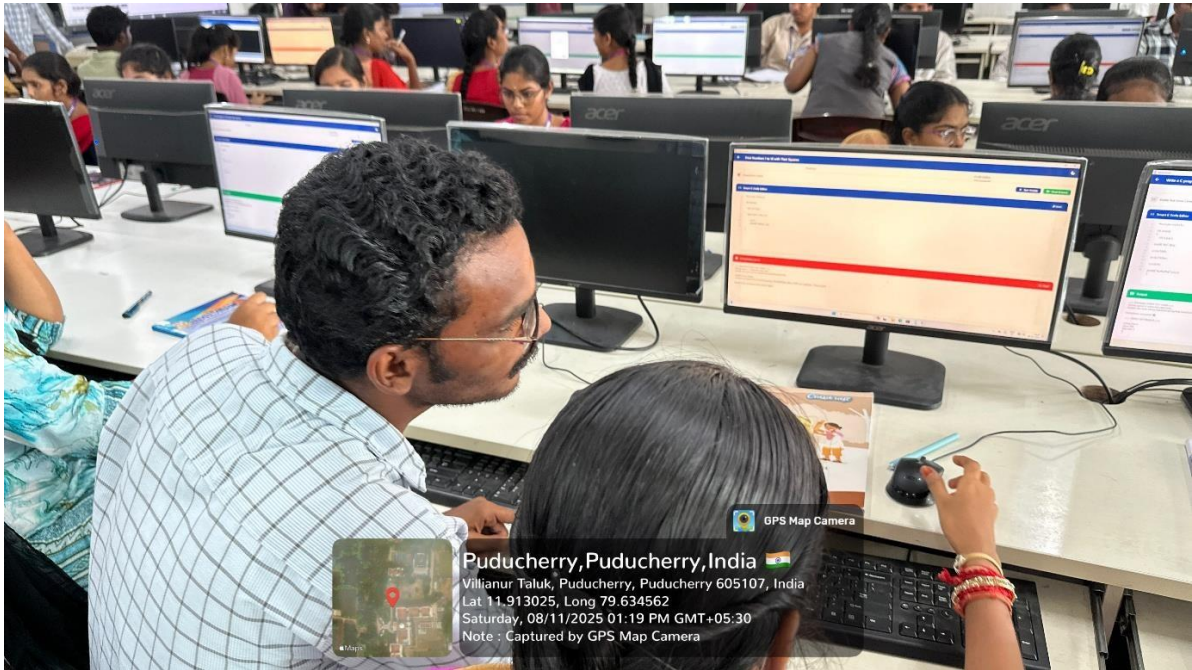
- Reinforced the Department of Artificial Intelligence and Data Science's focus on experiential learning.
- Encouraged participation in workshops, projects, hackathons, internships, and research activities.

### **Interactive Engagement:**

- Active student participation through coding questions and problem-solving discussions.
- Clarification of doubts related to programming logic and real-world applications.

### **PHOTO GALLERY**





**BUDGET ALLOCATION**

<b>Expense Head</b>	<b>Description</b>	<b>Amount (INR)</b>
Honorarium for Expert Speaker	Token of appreciation for guest	₹3000
Refreshments	Light snacks/tea and lunch for guest	₹1000
Stationery & Printing	Banners,Certificates	₹1000
<b>Total</b>		<b>₹5000</b>

**PARTICIPANT DETAILS:**

Event Coordinator: Mrs.P.Kanchanadevi,AP/AI&DS

Total no. of Student participation: 276

Total no. of Staff (Teaching/Non-teaching) Participation: 6

  
Convenor

  
Vice President

  
President

  
Director cum Principal

# INNOVATION FIESTA ML MODEL CHALLENGE

**Date:** 15.08.2025

**Duration:** 6 Hours





SMVEC/AI&amp;DS/Circular/2025-2026

12.08.2025

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE****INTERNAL CIRCULAR****Dear Faculty Members and Students,**

All faculty members and students of the Department of Artificial Intelligence and Data Science are hereby informed that a technical event titled "Innovation Fiesta" will be conducted on 15.08.2025

The event is organized to encourage innovation, creativity, and hands-on learning among students. Participants will take part in multiple technical activities designed to enhance practical knowledge and real-world application skills across the following focus areas

- ML Model Challenge
- AI Tool Explorer
- CodeFest

The event aims to provide students with an opportunity to apply their technical knowledge, strengthen problem-solving and analytical skills, and gain practical exposure to AI-driven solutions through collaborative and innovative activities.

**Copy To:**

1. All classes
2. Department Notice Board



HOD / AI &amp; DS

(Dr. J. Madhusudanan)

The Department of Artificial Intelligence and Data Science (AI&DS) proudly organized an inspiring event titled “**Innovation Fiesta – ML Model Challenge**”, conducted by the IDSC. This event aimed to ignite creativity, foster innovation, and provide students with an opportunity to design and present **real-world machine learning solutions**.

The competition encouraged participants to apply their technical knowledge to solve practical challenges using data-driven approaches. Students from the third year actively took part, demonstrating their enthusiasm and innovative thinking.

The event revolved around the theme “**AI for a Better Tomorrow,**” motivating participants to create models that contribute positively to society. Teams explored domains such as healthcare, education, finance, environment, and social good, developing intelligent models with strong real-world impact.

Participants were evaluated on innovation, technical implementation, model accuracy, creativity, and societal relevance. The challenge enabled students to transform raw data into meaningful insights and functional ML models. It provided a platform to **enhance their analytical skills, model-building expertise, and presentation abilities** in a competitive yet collaborative environment.

### **Objectives of the Event**

- To encourage students to develop innovative and impactful ML models.
- To promote hands-on learning in machine learning and data science applications.
- To enhance creativity, critical thinking, and problem-solving abilities.
- To provide exposure to real-world datasets and AI technologies.
- To foster teamwork, collaboration, and effective communication.

To build confidence in deploying and presenting AI-driven solutions.

- To cultivate a culture of research, innovation, and technical excellence within the department.

### **The Outcome of the Event**

- Gained practical experience in designing and developing ML models.
- Strengthened analytical, coding, and presentation skills.
- Enhanced teamwork and collaboration among participants.
- Improved understanding of data preprocessing, feature engineering, and model evaluation.
- Encouraged innovative thinking and real-world problem-solving.
- Provided a platform for showcasing AI & DS talent within the department.
- Boosted confidence and motivated students toward future AI research and projects.

### **Conclusion**

The **Innovation Fiesta – ML Model Challenge** was a **resounding success**, bringing together creativity, innovation, and technical excellence under one roof. The event inspired participants to think beyond theory and apply AI concepts to real-world issues. It served as an ideal platform for nurturing innovation, teamwork, and problem-solving skills among students.

Through this challenge, the **Department of Artificial Intelligence and Data Science** and **IDSC** reaffirmed their commitment to fostering a culture of continuous learning, innovation, and excellence in the field of Artificial Intelligence.

PHOTO GALLERY



**BUDGET ALLOCATION**

<b>Expense Head</b>	<b>Description</b>	<b>Amount (INR)</b>
Honorarium for Expert Speaker	Token of appreciation for guest	₹3000
Refreshments	Light snacks/tea and lunch for guest	₹1000
Stationery & Printing	Banners,Certificates	₹1000
<b>Total</b>		<b>₹5000</b>

**PARTICIPANT DETAILS:**

Event Coordinator: Mrs.P.Kanchanadevi,AP/AI&DS

Total no. of Student participation: 40

Total no. of Staff (Teaching/Non-teaching) Participation: 2

  
Convenor

  
Vice President

  
President

  
Director cum Principal

# INNOVATION FIESTA

## AI TOOL EXPLORER

**Date:** 15.08.2025

**Duration:** 6 Hours





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ENGINEERING COLLEGE  
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MADAGADIPET, PUDUCHERRY - 605 107



SMVEC/AI&DS/Circular/2025-2026

12.08.2025

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

**INTERNAL CIRCULAR**

**Dear Faculty Members and Students,**

All faculty members and students of the Department of Artificial Intelligence and Data Science are hereby informed that a technical event titled "Innovation Fiesta" will be conducted on 15.08.2025

The event is organized to encourage innovation, creativity, and hands-on learning among students. Participants will take part in multiple technical activities designed to enhance practical knowledge and real-world application skills across the following focus areas

- ML Model Challenge
- AI Tool Explorer
- CodeFest

The event aims to provide students with an opportunity to apply their technical knowledge, strengthen problem-solving and analytical skills, and gain practical exposure to AI-driven solutions through collaborative and innovative activities.

**Copy To:**

1. All classes
2. Department Notice Board

HOD / AI & DS

(Dr. J. Madhusudanan)

## Introduction

As part of *Innovation Fiesta'25*, organized by the Department of Artificial Intelligence and Data Science, the AI Tool Explorer event was conducted to provide students with hands-on exposure to emerging Artificial Intelligence tools and platforms. The event aimed to create awareness about modern AI-driven solutions and encourage students to explore how these tools can be applied to solve real-world problems across various domains.

## Objective

- To familiarize students with contemporary AI tools and technologies
- To enhance practical understanding of AI applications beyond theoretical concepts
- To encourage innovation, creativity, and problem-solving using AI-based platforms

## Event Description

The AI Tool Explorer event offered students an opportunity to explore, experiment with, and present a variety of cutting-edge AI tools. Participants worked with tools related to Natural Language Processing, Computer Vision, Generative AI, automation frameworks, and data analytics platforms.

Students demonstrated how these tools can be effectively utilized for tasks such as text analysis, image recognition, intelligent automation, content generation, and decision support systems. Each presentation highlighted the tool's functionality, use case, advantages, and potential real-world applications.

The event fostered an interactive learning environment where students exchanged ideas, discussed emerging trends, and showcased innovative approaches to applying AI technologies.

### **Outcome of the Event**

The AI Tool Explorer event successfully bridged the gap between classroom learning and industry-oriented applications. By the end of the event, students were able to:

- Gain hands-on experience with modern AI tools and platforms
- Understand real-world use cases of AI across different problem domains
- Improve technical communication and presentation skills
- Develop confidence in experimenting with and adopting new AI technologies

### **Conclusion**

The AI Tool Explorer event under *Innovation Fiesta '25* played a vital role in nurturing curiosity and innovation among students. It encouraged participants to move beyond conventional learning methods and explore the practical potential of Artificial Intelligence tools. The event reinforced the department's commitment to experiential learning and preparing students to be industry-ready, innovative, and technologically proficient.

PHOTO GALLERY



**BUDGET ALLOCATION**

<b>Expense Head</b>	<b>Description</b>	<b>Amount (INR)</b>
Honorarium for Expert Speaker	Token of appreciation for guest	₹3000
Refreshments	Light snacks/tea and lunch for guest	₹1000
Stationery & Printing	Banners,Certificates	₹1000
<b>Total</b>		<b>₹5000</b>

**PARTICIPANT DETAILS:**

Event Coordinator: Mrs.P.Kanchanadevi,AP/AI&DS

Total no. of Student participation: 70

Total no. of Staff (Teaching/Non-teaching) Participation: 3

  
Convener

  
Vice President

  
President

  
Director cum Principal

**INNOVATION FIESTA****CODE FEST****Date:** 15.08.2025**Duration:** 6 Hours

The poster features a dark background with a hexagonal pattern in the corners. At the top center is the Sri Manakula Vinayagar Engineering College logo, which includes a stylized tree and a '25 YEARS' anniversary emblem. Below the logo, the text 'SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE (AN AUTONOMOUS INSTITUTION)' is displayed. A row of logos for 'IAI Infratech', 'unstop', 'IIC', and 'IDSC' follows. The tagline 'Showcasing ideas and innovations' is written in a cursive font. The main title 'INNOVATION FIESTA' is in large, bold, yellow letters with a star on the right. Below it, the date 'AUG 15 2025' and venue 'VENUE: DEPT OF AI&DS' are listed. At the bottom, 'CODEFEST' is written in large, bold, yellow letters. A decorative arrow points from the 'FIESTA' text down to 'CODEFEST'.

**SRI MANAKULA VINAYAGAR  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)**

IAI Infratech unstop IIC IDSC

*Showcasing ideas and innovations*

**INNOVATION FIESTA**

AUG 15 2025  
VENUE: DEPT OF AI&DS

**CODEFEST**



**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)  
(APPROVED BY AICTE, NEW DELHI AND AFFILIATED TO PONDICHERRY UNIVERSITY)  
(ACCREDITED BY NBA-AICTE, NEW DELHI, ACCREDITED BY NAAC WITH "A" GRADE)  
MADAGADIPET, PUDUCHERRY - 605 107



SMVEC/AI&DS/Circular/2025-2026

12.08.2025

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**  
**INTERNAL CIRCULAR**

**Dear Faculty Members and Students,**

All faculty members and students of the Department of Artificial Intelligence and Data Science are hereby informed that a technical event titled "Innovation Fiesta" will be conducted on 15.08.2025

The event is organized to encourage innovation, creativity, and hands-on learning among students. Participants will take part in multiple technical activities designed to enhance practical knowledge and real-world application skills across the following focus areas

- ML Model Challenge
- AI Tool Explorer
- CodeFest

The event aims to provide students with an opportunity to apply their technical knowledge, strengthen problem-solving and analytical skills, and gain practical exposure to AI-driven solutions through collaborative and innovative activities.

**Copy To:**

1. All classes
2. Department Notice Board

HOD / AI & DS

(Dr. J. Madhusudanan)

## **Introduction**

As part of Innovation Fiesta, organized by the Department of Artificial Intelligence and Data Science (AI&DS), the Code Fest event was conducted by IDSC, the department's technical club. The event aimed to provide students with a competitive and engaging platform to showcase their programming skills, logical reasoning, and problem-solving abilities through a series of well-structured coding challenges.

## **Objective**

- To strengthen students' programming and analytical problem-solving skills
- To promote logical thinking and algorithmic reasoning
- To provide hands-on experience in competitive coding and software development
- To encourage teamwork, communication, and effective time management
- To create awareness of real-world applications of coding in AI and Data Science

## **Event Description**

The Code Fest event featured multiple coding rounds designed to test participants on both speed and accuracy. Students worked on challenges covering key areas such as data structures, algorithms, machine learning fundamentals, and real-world application development.

The event fostered a competitive yet collaborative learning environment, promoting teamwork, creativity, and peer learning. Participants were motivated to think analytically, code efficiently, and approach problems with confidence.

### **Outcome of the Event**

The Code Fest event successfully enhanced students' technical and analytical capabilities. By the end of the event, participants were able to:

- Improve programming logic and problem-solving abilities
- Gain confidence in coding and debugging under time constraints
- Get exposure to real-time problem statements and optimization techniques
- Develop teamwork, leadership, and analytical thinking skills
- Strengthen collaboration through peer learning

### **Conclusion**

The Innovation Fiesta – Code Fest was a resounding success, offering students a valuable platform to sharpen their programming skills and showcase their technical talent. The event fostered a spirit of healthy competition, innovation, and collaboration among participants.

Through this fest, students gained practical insights into real-world coding practices and problem-solving strategies, aligning with the vision of the Department of Artificial Intelligence and Data Science to develop skilled, confident, and industry-ready AI professionals.

PHOTO GALLERY



Madagadipet, Puducherry, India

Wj7p+258, Madugarai Rd, Madagadipet, Puducherry 605107, India

Lat 11.912665° Long 79.635261°

15/08/2025 10:59 AM GMT +05:30



Madagadipet, Puducherry, India

Wj7p+258, Madugarai Rd, Madagadipet, Puducherry 605107, India

Lat 11.912684° Long 79.635269°

15/08/2025 11:18 AM GMT +05:30

**BUDGET ALLOCATION**

<b>Expense Head</b>	<b>Description</b>	<b>Amount (INR)</b>
Honorarium for Expert Speaker	Token of appreciation for guest	₹3000
Refreshments	Light snacks/tea and lunch for guest	₹1000
Stationery & Printing	Banners,Certificates	₹1000
<b>Total</b>		<b>₹5000</b>

**PARTICIPANT DETAILS:**

Event Coordinator: Mrs.P.Kanchanadevi,AP/AI&DS

Total no. of Student participation: 70

Total no. of Staff (Teaching/Non-teaching) Participation: 3

  
Convenor

  
Vice President

  
President

  
Director cum Principal

# TECHNOFORGE

## MACHINE LEARNING HACKATHON

**Date:** 26.12.2025 – 27.12.2025

**Duration:** 30 Hours

The poster features a crumpled paper background with two white robotic hands on the left and right sides. At the top center is the logo of Sri Manakula Vinayagar Engineering College, which includes a stylized sunburst and the text 'SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE' and 'AN AUTONOMOUS INSTITUTION'. To the right of the logo is a '25th' anniversary emblem. Below the college name, the text reads 'DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE' and 'Techno Innovation Challenge Hackathon'. To the left of this text is an icon of a brain with circuit lines, and to the right is an icon of a code editor. Below the main title, it says 'AN INTRA - DEPARTMENT HACKATHON' and 'Data in, models out - compete in a machine learning battleground'. The word 'TechnoForge' is written in a large, stylized font over a red and orange brushstroke. To the right of this is a circular photo of a man, Mr. Sanjivy Kumaravel, with the text 'வணக்கம் Pongliche' above him. Below the photo, his name and title are listed: 'Mr. Sanjivy Kumaravel, Associate Software Engineer, JP Morgan Chase'. At the bottom, there are logos for 'InfiniteAdd' and 'IDSC', and the 'INSTITUTION'S INNOVATION COUNCIL' logo. The footer contains a calendar icon, the date 'DATE : 26/12/2025 - 27/12/2025', a globe icon, the website 'https://smuec.ac.in/', and a location pin icon, the venue 'VENUE : AI&DS DEPT'.

**SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE**  
AN AUTONOMOUS INSTITUTION

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**  
**Techno Innovation Challenge Hackathon**

AN INTRA - DEPARTMENT HACKATHON

*Data in, models out - compete in a machine learning battleground*

**TechnoForge**

வணக்கம்  
**Pongliche**

Mr. Sanjivy Kumaravel  
Associate Software Engineer,  
JP Morgan Chase

**DATE : 26/12/2025 - 27/12/2025**      <https://smuec.ac.in/>      **VENUE : AI&DS DEPT**



**SRI MANAKULA VINAYAGAR**  
**ENGINEERING COLLEGE**  
 (AN AUTONOMOUS INSTITUTION)  
 (APPROVED BY AICTE, NEW DELHI AND AFFILIATED TO PONDICHERY UNIVERSITY)  
 (ACCREDITED BY NBA-AICTE, NEW DELHI, ACCREDITED BY NAAC WITH 'A' GRADE)  
 MADAGADIPET, PUDUCHERRY - 605 107



SMVEC/AI&DS/Circular/2024-2025

24.12.2025

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

**INTERNAL CIRCULAR**

Dear Faculty & Student,

All students and Faculty of the Department of Artificial Intelligence and Data Science are hereby informed that an Intra-Department Hackathon titled "TechnoForge" will be conducted in the Machine Learning (ML) domain on 26.12.2025 and 27.12.2025 for all III<sup>rd</sup> year Students

The event is jointly organized by Infnit Aid and IDSC (Intra-Department Student Clubs). The hackathon aims to provide students with an opportunity to apply their technical knowledge, enhance problem-solving skills, and gain hands-on experience in ML-based solutions.

All III<sup>rd</sup> year students are expected to take note of the event and participate as per the schedule.

**Copy To:**

1. All Classes
2. Department Notice Board

*J. Madhusudanan*  
 HOD / AI & DS

(Dr. J. Madhusudanan)

Year	Class Representative Signature		Class Advisor Signature
III YR A	<i>S. Jithu</i>	<i>Jayshri</i>	<i>Dipu</i>
III YR B	<i>R. Aravind</i>	<i>Aravind</i>	<i>S. Leena</i>

## Introduction

The Department of Artificial Intelligence and Data Science (AI&DS) successfully organized TechnoForge – ML Hackathon, a high-energy innovation challenge conducted by the Innovative Developer Students Club (IDSC) in collaboration with Infinit Aid. The hackathon was designed to push students beyond theoretical learning by encouraging them to build, evaluate, and refine machine learning models in a real-time competitive environment.

## Objective

- Promote practical learning by applying ML concepts to real-world problems.
- Encourage innovation and creativity in developing novel AI solutions.
- Enhance technical skills in data processing, model building, and evaluation.
- Introduce leaderboard-based competition to motivate iterative improvement.
- Develop presentation and communication skills through project showcases.
- Foster mentorship and peer learning with guidance from seniors and experts.
- Recognize and reward top-performing teams for excellence.

## **Event Description**

The TechnoForge – ML Hackathon was a two-day, high-intensity machine learning innovation challenge organized by the Department of Artificial Intelligence and Data Science (AI&DS) through the Innovative Developer Students Club (IDSC), in collaboration with Infnit Aid.

The event successfully fostered a collaborative yet competitive learning environment, emphasizing practical implementation, innovation, teamwork, and continuous improvement—key competencies for aspiring machine learning and AI professionals.

## **Outcome of the Event**

The ML Hackathon event successfully enhanced students' technical and analytical capabilities. By the end of the event, participants were able to:

- Students successfully applied theoretical ML concepts to solve real-world problem statements.
- Enhanced technical proficiency in data preprocessing, model building, feature engineering, and evaluation.
- Promoted innovation and creativity, resulting in practical and impactful ML solutions.
- Developed presentation, communication, and demonstration skills among participants.
- Fostered peer learning and mentorship, strengthening collaboration between juniors and seniors.

## Conclusion

Through a leaderboard-based competitive framework, participants were motivated to iteratively improve their models, while mentorship from seniors ensured guidance and skill development. The final presentations enabled students to showcase their projects, receive constructive feedback, and gain confidence in their abilities.

## PHOTO GALLERY





TECHNOFORGE
🏆 Live Leaderboard

2

4

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Type Null

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LightningVib...

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3

RANK	TEAM NAME	METRIC SCORE	SUBMITTED
1	Type Null	626.43	27 Dec 2025, 5:00 am
2	404 Not Found	1075.56	27 Dec 2025, 4:47 am
3	LightningVibers	1129.57	26 Dec 2025, 10:54 am
4	Devtrio	1133.08	27 Dec 2025, 4:21 am
5	Code Red	1200.18	26 Dec 2025, 9:54 am

T Type Null
Logout

**BUDGET ALLOCATION**

<b>Expense Head</b>	<b>Description</b>	<b>Amount (INR)</b>
Honorarium for Expert Speaker	Token of appreciation for guest	₹3000
Refreshments	Light snacks/tea and lunch for guest	₹1000
Stationery & Printing	Banners,Certificates	₹1000
<b>Total</b>		<b>₹5000</b>

**PARTICIPANT DETAILS:**

Event Coordinator: Mrs.P.Kanchanadevi,AP/AI&DS

Total no. of Student participation: 110

Total no. of Staff (Teaching/Non-teaching) Participation: 4

  
Convenor

  
Vice President

  
President

  
Director cum Principal