

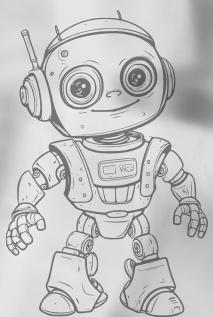
DEPT OF

AI&ML

PRESSES



AIML Chronicles



Institute Beliefs

VISION



To be a centre of excellence in technical education to empower the young talent through quality education and innovative engineering for well being of the society.

MISSION



1. Provide quality education with innovative methodology and intellectual human capital.
2. Provide conducive environment for research and developmental activities
3. Inculcate holistic approach towards nature, society and human ethics with lifelong learning attitude.

Leadership Insights



SRI ANANTULA HRIDAY REDDY VICECHAIRMAN

With a Post-Graduate Diploma in Marketing Management and senior industry experience, I founded Sreyas to create a premier engineering college rooted in global best practices. My visits to top international universities shaped the vision for a green, well-equipped campus that inspires innovation. At Sreyas, students explore new technologies and grow into skilled engineers and responsible citizens. My hands-on approach ensures they receive the support they need to thrive.



DR. C. UDAYA KIRAN PRINCIPAL

At Sreyas, we are committed to academic excellence and innovation. As Principal, my goal is to uphold and advance the high standards of teaching and research that define our institution.

With over 26 years in teaching and administration, I focus on guiding quality education through collaboration with our dedicated faculty and motivated students. Together, we aim to develop future-ready professionals with strong skills, ethical values, and a commitment to societal progress.



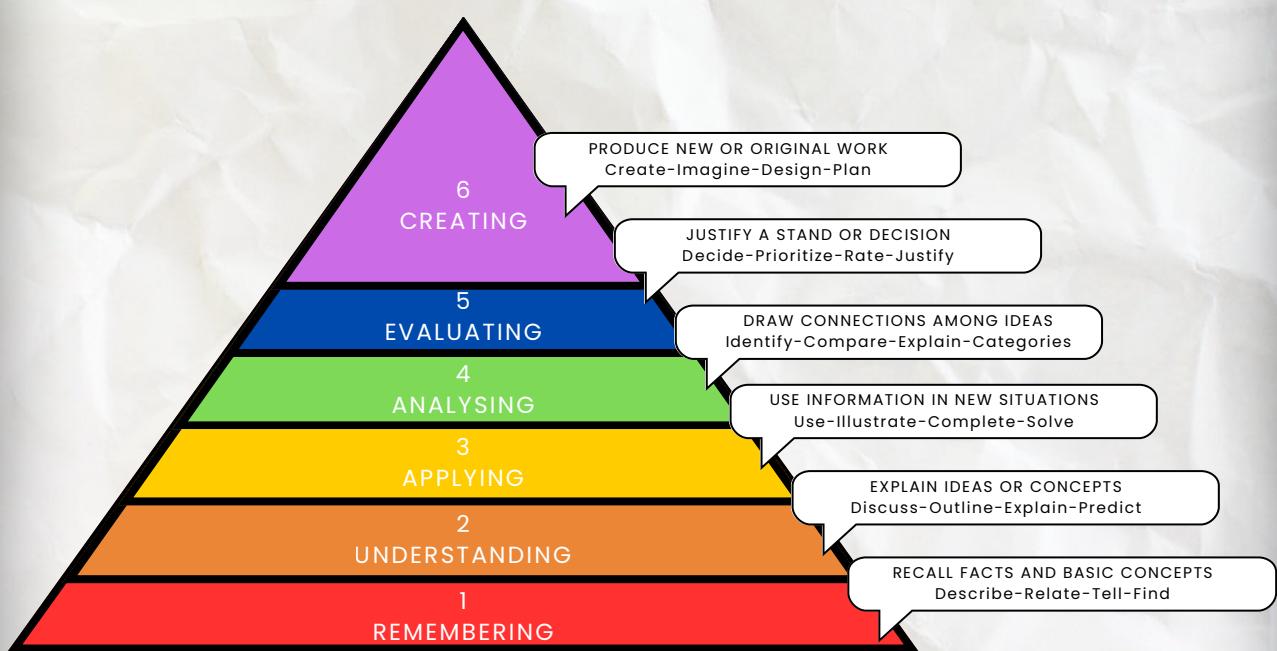
DR. A. SWATHI HEAD OF DEPARTMENT

My passion for AI began with its potential to transform lives. As Head of the Department, I strive to inspire students to think creatively and tackle real-world problems.

Built on integrity, learning, and collaboration, our department encourages innovation and growth. We aim to lead in AI research and education, empowering students through hands-on projects that drive meaningful impact.

Frame Work for Implementary Outcome Based Education

Outcome-Based Education (OBE) is a student-centered approach that fundamentally shifts the focus of education from what is taught to what students are able to know and do by the end of their learning journey. It begins with clearly defining these desired learning outcomes, which then guide every aspect of the curriculum, instructional methods, and assessment strategies. Unlike traditional models, OBE emphasizes developing practical skills and competencies like critical thinking, problem-solving, and communication, ensuring graduates are well-equipped for real-world challenges. Through continuous assessment and feedback, the system constantly refines itself to ensure that all students achieve the specified outcomes, making education more relevant, effective, and accountable.



EVENTS

IDEATHON 2024 SPARKS INNOVATION AMONG FIRST-YEAR AIML STUDENTS

On December 7, IDEATHON 2024 brought together 75+ first-year AIML students in 17 teams to pitch innovative solutions to real-world problems. The event encouraged creativity, teamwork, and design thinking, giving students valuable hands-on experience. Guided by faculty judges, participants impressed with their originality and problem-solving skills, earning awards and certificates in a vibrant, innovation-filled atmosphere.



VOYAGER PROJECT EXPO 2025 SHOWCASES STUDENT INNOVATION AND TECHNICAL TALENT

Held on February 15, Project EXPO 2025 featured 20+ students from diverse disciplines presenting innovative projects across AI, IoT, web development, and sustainability. Highlights included a Stock Price Predictor, AI Voice Assistant, and AI Coding Agent. Judged by faculty and alumni, the event emphasized real-world impact and creativity. Top teams received awards and certificates, making it a valuable learning experience for all.



NURTURING INNOVATION AND TECHNOLOGY: LEADING IN ACADEMICS

The three-day Faculty Development Programme, "Nurturing Innovation and Technology: Leading in Academics," equipped faculty with insights into entrepreneurship, business laws, and IPR. Expert sessions, including a notable talk by Ms. Hema Balakrishnan from T-Works, emphasized innovation in academia and startup mentorship. The programme blended theory with practical strategies, enabling participants to apply these learnings in their academic roles.



FDP



AI HACKFEST 2025 IGNITES INNOVATION AND COLLABORATION IN AI



On March 7, the AIML Department hosted AI HackFest 2025, a 24-hour state-level hackathon with 80+ students in 20 teams tackling AI solutions in healthcare, smart cities, education, and fintech.

Guided by industry experts, teams were judged on creativity and impact. Winners advanced to T-Hub, gaining valuable industry exposure.



Student Participation

cloud community days 2025 - gdg cloud hyderabad

On June 14, Y. Srinivas, Esvin Joshua, and Lokeshwar Reddy represented the department at Cloud Community Days 2025 hosted by GDG Cloud Hyderabad at HICC, Novotel. The event featured expert-led sessions, workshops, and networking focused on cloud computing, AI, and emerging tech. The students gained valuable insights and inspiration to advance their tech journeys.



Le startups confluence - devx

On May 25, V. Sai Ram, Y. Srinivas, and Vishnu Sai Paineni attended Le Startups Confluence at DevX, Purva Summit, Hyderabad. The seminar brought together founders and experts to explore startup trends and challenges. The students gained valuable insights into entrepreneurship and the future of tech-driven businesses, fueling their passion for innovation.



STUDENT ACHIEVEMENTS



Vemulla Nikitha: Shaping the Future of AI & ML

Vemulla Nikitha was recognized as the best outgoing student of B.Tech CSE (AI & ML) among all affiliated colleges. Known for her technical excellence, leadership, and innovative mindset, she stood out as a role model. Her passion for AI and ML, along with strong problem-solving skills, sets her up for a promising future in technology.

Championing Innovation: Triumph at Technophilia 4.0

On February 25, 2025, S L N Prahalad (23VE1A6640) secured first prize at Technophilia 4.0, hosted by the Fusion Tech Club, Bhavan's Vivekananda College, Hyderabad. The event showcased talented students' technical skills and creativity. Prahalad's victory highlights his innovation, expertise, and ability to excel under pressure—a true testament to his dedication in the tech world.



Exploring the Future of AI: Insights from the Microsoft AI & Data Fest

Akhil Kosuri (22VE1A6696) from the CSE (AI & ML) department participated in the Microsoft AI & Data Fest at Hyderabad, organized by the Microsoft AI Innovators Hub. The event deepened his knowledge of cutting-edge AI technologies like Microsoft Fabric, Real-Time Intelligence, and Copilot Studio. Inspired by industry experts, Akhil looks forward to applying these insights in his future projects, embodying the department's commitment to innovation and learning.



Java CRT Training: Empowering the Next Generation of Professionals

From September 3-14, 2024, Rakesh Sharma Shambhani played a key role as a Campus Recruitment Training (CRT) trainer at GNIT, Hyderabad. Specializing in Java, he mentored students to develop the skills and confidence needed for successful campus placements. His dedication to nurturing talent reflects a strong commitment to empowering future tech professionals.

BEST PROJECT



MyChum – An Emotionally Intelligent Robot for Elder Care

In an inspiring blend of technology and empathy, students from the Department of CSE (AI & ML) at Sreyas Institute of Engineering and Technology have developed MyChum, a socially intelligent companion robot designed to reduce loneliness and provide emotional support to the elderly.

Team Members:

- K. Saimouli
- S. Sai Eshwar
- D. Jahnavi Naga Sai Sri
- T. Dheeraj
- Guided by:
 - P. Srinivas Rao (Assistant Professor)
 - Swathi Gowroju (Associate Professor)

MyChum uses Raspberry Pi, facial emotion recognition, and voice sentiment analysis (via GeminiAI) to interpret users' moods in real-time and respond with personalized actions — like playing music, telling stories, or cracking jokes. It acts as a 24/7 emotional companion, initiating meaningful interactions and offering support without needing prompts from the user.

What sets MyChum apart is its emotion-driven response engine, adaptive interaction system, and continuous emotion feedback loop, making it more responsive and human-like than existing robots.

Performance Highlights:

- Speech Recognition Accuracy: 85%
- Emotion Detection Accuracy: 72%
- Command Execution Accuracy: 89%

This standout project truly reflects the spirit of AI for social good, combining cutting-edge technology with heartfelt purpose. We are proud to feature MyChum as the Best Project of the Semester.

Kudos to the entire team for making a meaningful impact through AI!

PLACEMENTS

