

Department of Computer Science & Engineering (Artificial Intelligence & Machine Learning)

Artificial Nexus of Advancement (ANEXA)



ANNUAL REPORT

Academic-Year 2025-26

Preamble

The Department of Computer Science & Engineering (Artificial Intelligence & Machine Learning) at Mangalore Institute of Technology & Engineering (MITE), Moodabidri, is committed to fostering innovation, technical excellence, and holistic student development through a dynamic and interdisciplinary learning environment. The B.E. program, introduced in 2022–23 with an intake of 60 students, has expanded to 120 students in 2026–27. The program provides strong foundations in Computer Science and AI/ML while offering exposure to emerging areas such as deep learning, data science, computer vision, natural language processing, robotics, and intelligent systems, with emphasis on practical learning, innovation, research, and real-world applications.

To further enrich the student learning experience, the department proposes **ANEXA (Artificial Intelligence Nexus of Advancement)** as its student association. ANEXA is envisioned as a platform for students to **learn, innovate, collaborate, and grow** beyond the regular curriculum. It aims to encourage technical exploration, creativity, teamwork, leadership, communication, and problem-solving through activities such as expert talks, workshops, coding events, project exhibitions, hackathons, competitions, and innovation-oriented programmes.

ANEXA will provide opportunities for students to explore emerging technologies, undertake projects, develop prototypes, participate in research and technical competitions, and engage with experts from academia and industry. Through peer learning and collaborative initiatives, the association aims to encourage students to identify real-world challenges and develop technology-driven solutions. It also seeks to recognize student achievements in academics, innovation, research, competitions, and extracurricular activities, thereby fostering continuous learning and contributing to the academic, technical, and innovative growth of the department.

With its vision of “**Learn, Innovate, Collaborate, and Grow,**” ANEXA aspires to create an inclusive and vibrant student community that nurtures curiosity, creativity, and practical competence. The association aims to prepare students to confidently adapt to evolving technological trends and contribute responsibly to the development of intelligent and sustainable solutions.

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Branch Entry Event 2025-26

The Department of CS & E (Artificial Intelligence and Machine Learning) successfully organized the Inauguration of the Fresher's Welcome for 2nd year students on 25th October 2025. The event marked the beginning of the new academic year.

The programme was graced by Mr. Abhinandan Kumar D.V., Senior Manager, Siemens Healthineers, Bangalore, as the Chief Guest and presided over by Dr. Prashanth C. M., Principal, MITE, in the presence of the Head of the Department, faculty members, and students.

In his keynote address, the Chief Guest shared valuable insights on technological advancements, industry expectations, innovation, continuous learning, and skill development, motivating students to actively participate in technical events, workshops, and projects.

The event also highlighted its vision of promoting technical excellence, leadership, creativity, and teamwork. Interactive activities helped students connect with their seniors and faculty, creating a warm and welcoming environment.

The programme concluded with a vote of thanks, leaving students inspired to actively participate in upcoming initiatives and contribute to the department's culture of learning, innovation, and excellence.



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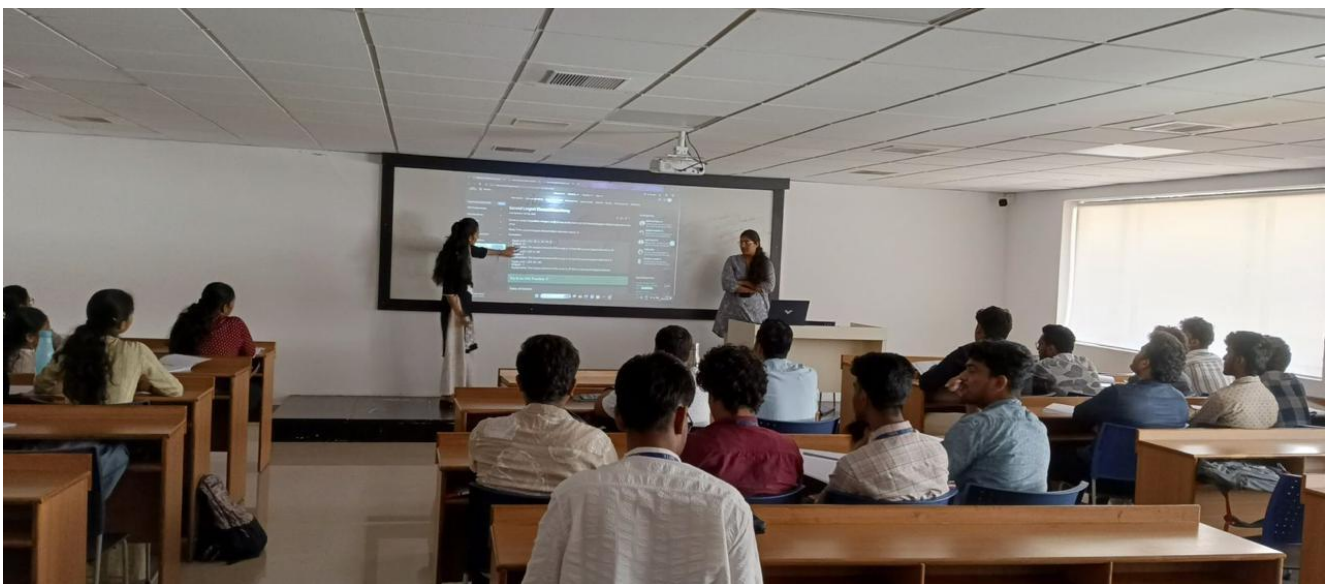
Peer Learning

Peer learning has emerged as an integral component of modern education, fostering collaboration, knowledge sharing, and interactive learning among students. Recognizing the value of collaborative learning, the Department of Artificial Intelligence and Machine Learning (AI&ML) has established a structured Peer Learning Initiative, in which final-year students mentor their juniors through interactive sessions, helping them strengthen academic concepts, improve technical competencies, and build confidence in their academic and professional journey.

The Peer Learning Initiative also plays a vital role in enhancing placement readiness. Sessions include Group Discussions (GD), mock HR and technical interviews, resume building, coding challenges, and case-based problem-solving exercises. Through peer mentoring and continuous practice, students develop analytical thinking, effective communication, problem-solving abilities, and the confidence required to perform well during campus recruitment processes.

In addition to academic and placement preparation, the initiative encourages students to stay abreast of emerging technologies, industry trends, and professional expectations. Regular mentoring, collaborative discussions, and constructive peer feedback enable participants to monitor their progress and continuously improve their technical and interpersonal skills.

By fostering a culture of mutual learning, knowledge sharing, and continuous improvement, the Department of AI&ML empowers students to become competent professionals, lifelong learners, and future leaders in the field of Artificial Intelligence and Machine Learning.





Prompt Wars–AI Prompt Engineering Competition

The Department of CS & E (Artificial Intelligence and Machine Learning) organized “Prompt Wars,” a technical competition designed to enhance students’ creativity, critical thinking, problem-solving abilities, and practical skills in Prompt Engineering. The event was coordinated by Mr. Omkar, VII Semester, under the guidance of Dr. Farha Haneef and Mr. Prakash, Faculty Coordinator.

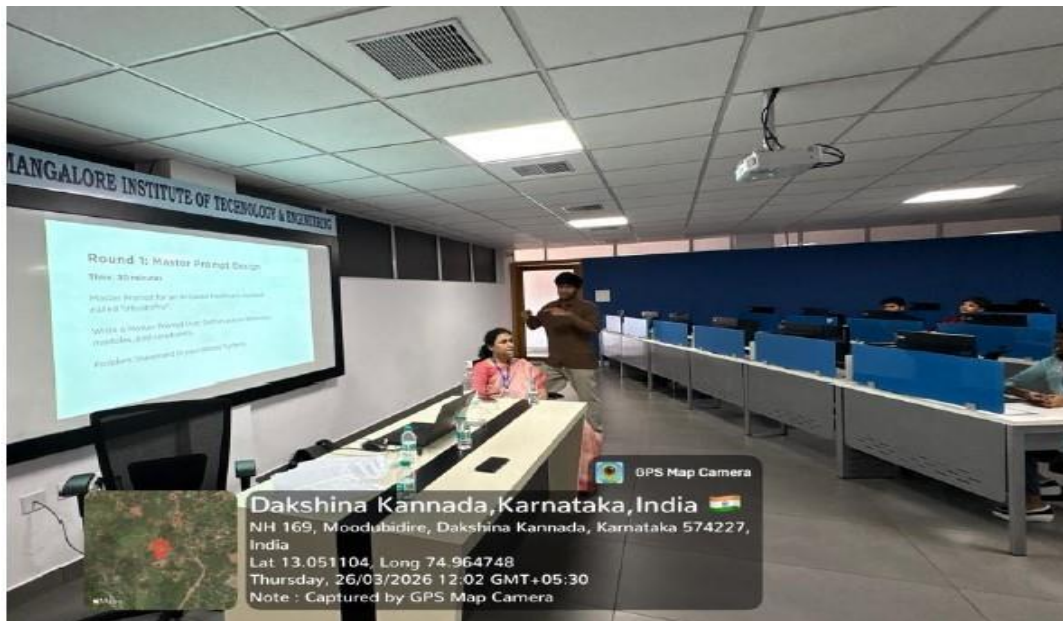
The competition provided students with an opportunity to explore the practical applications of Generative AI by designing effective, precise, and structured prompts for real-world scenarios. Through a series of engaging rounds, participants experimented with AI tools, refined their prompts, and demonstrated their ability to generate relevant and effective AI-based solutions.

The challenges covered diverse applications, including AI assistants, content generation, coding, and analytical problem-solving. Participants were evaluated on parameters such as prompt quality, creativity, accuracy, relevance, and effectiveness of the generated responses.

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The event offered valuable hands-on exposure to emerging Generative AI technologies and emphasized the growing relevance of Prompt Engineering as an industry-oriented skill. The enthusiastic participation of students made the event an engaging learning experience, encouraging them to think innovatively, experiment with AI tools, and develop practical skills aligned with emerging technological trends.



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Experiential Learning

The Department of CS&E (Artificial Intelligence and Machine Learning) conducted an Experiential and Activity-Based Learning session for VI Semester students. The activity was designed to provide students with hands-on exposure to applying theoretical concepts to real-world engineering challenges through case studies and collaborative project work.

Students worked in teams to develop and present solutions for applications such as Smart City Traffic Management, Healthcare Monitoring, Environmental Monitoring, and e-Commerce Systems. They effectively demonstrated their proposed solutions through system models, dashboards, and interactive presentations, reflecting their technical understanding, creativity, and analytical abilities. The projects were assessed by faculty members based on innovation, feasibility, teamwork, and presentation skills.

The activity provided a platform for students to connect classroom learning with practical applications and strengthened their systems thinking, problem-solving, teamwork, communication, and presentation skills. It also promoted peer learning, collaborative innovation, and the application of engineering concepts to address real-world challenges.



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YaARIWeek2025–Youth Against Ragging Initiative

In line with the guidelines of the UGC and AICTE, Mangalore Institute of Technology & Engineering observed YaARI Week 2025 (Youth Against Ragging Initiative) from 22nd to 26th September 2025 under the theme “No Ragging, Just Rising.” The initiative focused on creating awareness about anti-ragging measures and strengthening a safe, inclusive, and respectful campus environment.

As part of the institute-wide programme, the Department of CS&E (Artificial Intelligence and Machine Learning) actively participated in and facilitated various awareness programmes, interactive sessions, and student engagement activities. The activities highlighted the importance of mutual respect, empathy, equality, responsible conduct, and positive peer relationships among students.

The initiative encouraged students to actively contribute towards maintaining a ragging-free and supportive campus community. Through its participation, the department reinforced its commitment to promoting student well-being, dignity, inclusivity, and a safe learning environment for all.



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Sentia Variety Competition : Atma Meets Paramatma

The Department of CS&E (AIML) enthusiastically participated in Sentia 2026, the annual Inter-Branch Variety Competition, one of the most anticipated cultural events of Mangalore Institute of Technology & Engineering. The event brought together students from various departments, providing a vibrant platform to showcase their artistic talents, creativity, and teamwork through music, dance, drama, and cultural performances.



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This year, the CS&E (AI&ML) Department presented a captivating cultural performance based on the spiritual theme “Atma and Paramatma,” depicting the journey of self-discovery, inner transformation, and the connection between the individual soul and the Supreme Soul. Through expressive dance, acting, soulful music, and meaningful narration, the students delivered a visually engaging and spiritually uplifting performance. Their dedication, synchronized choreography, teamwork, and artistic presentation were highly appreciated by the judges and audience. The department proudly secured the Runner-Up position, reflecting the students’ hard work, creativity, and commitment to excellence in cultural activities.

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One-Day Workshop on AI Coding with Natural Language (NLD)

Mangalore Institute of Technology & Engineering (MITE), in collaboration with Ananya Foundation and Oracle Volunteering, organized a hands-on workshop on “AI Coding with Natural Language – NLD” on 23rd April 2026 to commemorate International Girls in ICT Day. The programme was conducted as part of a Corporate Social Responsibility (CSR) initiative aimed at promoting inclusive and skill-oriented technology education among young women.

The workshop was attended by VI Semester girl students and facilitated by Ms. Niveditha Bhat and Ms. Vidisha Shet, Staff Solution Engineers at Oracle Solution Engineering Hub. The session introduced students to Artificial Intelligence, Generative AI, Agentic AI, and Vibe Coding, with a focus on their practical applications in software development and automation.

As part of the hands-on activities, students worked with Visual Studio Code and GitHub Copilot to develop applications using natural-language prompts. They explored AI-assisted coding, project creation, code modification, and the development of simple AI-powered applications.

The workshop provided students with valuable exposure to emerging AI-driven development practices and helped bridge the gap between theoretical knowledge and industry applications. The enthusiastic participation and positive feedback from students reflected the success of the initiative in fostering technical skills, innovation, and confidence among young women in technology.



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AICTE Activity Point Program:

Education for Every Ability: Learning Today, Skilled Tomorrow

As part of the AICTE Activity, the Department of CS&E (Artificial Intelligence and Machine Learning) organized an outreach visit to Spoorthi Special School and Training Centre under the theme “Education for Every Ability: Learning Today, Skilled Tomorrow.” The initiative aimed to promote inclusive education, social responsibility, empathy, and equal learning opportunities for children with diverse abilities.

The programme included an interactive session on inclusive education and skill development, followed by engaging activities such as educational games, storytelling, creative sessions, and student interactions. Learning materials were also distributed to the children, creating a joyful and meaningful experience.

The visit provided students with an opportunity to develop empathy, compassion, and social awareness while appreciating the abilities and achievements of the children. The initiative reinforced the message that every individual deserves access to quality education and opportunities for personal and skill development.



Department of CS & E (Artificial Intelligence & Machine Learning)**Education for Every Ability: Learning Today, Skilled Tomorrow**

The Department of Computer Science & Engineering (Artificial Intelligence and Machine Learning) conducted a Logo Designing Competition as part of the establishment and identity-building of ANEXA MITE, the official branch association of CS&E (AI & ML), MITE.

The competition provided students with a platform to showcase their creativity, design skills, and innovative thinking by developing a logo that represents the vision, values, and identity of the branch association. Students were encouraged to explore unique concepts and creatively integrate elements related to Computer Science, Artificial Intelligence, Machine Learning, and the spirit of the department.

The competition witnessed an enthusiastic response, with over 55 students participating and submitting their creative logo concepts. The event successfully encouraged student engagement and provided an opportunity for students to contribute directly to the visual identity of their branch association.

The selected winning design will serve as the official logo of ANEXA MITE, making the competition a meaningful part of the association's establishment and identity.



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Farewell Event for the Batch of 2026

The Department of CS & E (Artificial Intelligence and Machine Learning) organized the Farewell Event for the Batch of 2026 on 23rd May 2026 at 1:30 PM in Audi 3. The event brought together faculty members, juniors, and graduating students to celebrate their academic journey and achievements.

The programme featured faculty messages, cultural performances, fun games, interactive activities, and a video montage capturing memorable moments from the students' campus life. The graduating students also shared their experiences and expressed gratitude to the faculty and juniors for their support and companionship.

With the theme "Let's Write New Models for the Future," the event celebrated the spirit of innovation, learning, and togetherness. The programme concluded with a vote of thanks, group photographs, and refreshments, leaving the graduating batch with cherished memories.

