



THE INSTITUTION OF
ENGINEERS (INDIA)
(IEI)



STUDENT CHAPTER ACTIVITY REPORT



ACADEMIC YEAR

2025-26

EVENT COORDINATORS

- Dr. B. S. Kapre
- Ms. N. L. Pariyal
- Ms. M. H. Khan

HEAD OF DEPARTMENT, CSE & AIML

Dr. A. M. Rajurkar

Mahatma Gandhi Mission's
COLLEGE OF ENGINEERING

Near Air-port, Hingoli Road, Nanded-431605.



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Department of CSE and AIML

[Co-curricular or Extra-curricular Activity]

Name of Activity: Inauguration of IEI Students' Chapter, Digital Poster Making Competition & Engineer's Day Celebration

Prepared by:

Dr. B. S. Kapre

Ms. N. L. Pariyal

Ms. M. H. Khan

Date: 16th October 2025

Introduction:

The **Department of CSE and AIML, MGM's College of Engineering, Nanded**, under the **Institution of Engineers (India) (IEI) Students' Chapter 2025–26**, organized a series of co-curricular activities aimed at enhancing students' professional, technical, and creative skills.

The events commenced with the **Inauguration of the IEI Students' Chapter**, marking a significant milestone in establishing a professional platform for students to engage in technical, leadership, and innovation-driven activities.

Subsequently, **Dr. B. S. Kapre**, IEI Coordinator, delivered an informative session on the **IEI Academic Calendar**, outlining the planned technical workshops, seminars, and professional development programs for the academic year.

On this occasion, **Dr. A. M. Rajurkar** (HOD, Dept of CSE and AIML) also congratulated the IEI Coordinators—**Dr. B. S. Kapre, Ms. N. L. Pariyal, and Ms. M. H. Khan**—for their continuous efforts and dedication in establishing and guiding the IEI Students' Chapter. Their collective involvement reflected the collaborative spirit and academic excellence of the CSE AND AIML Department.



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Following this, a **Digital Poster Making Competition** was organized on the theme "*Engineering Excellence for National Development*", encouraging students to express creativity and technical ideas using modern digital tools.

The series concluded with the **Engineer's Day Celebration**, which included an expert talk on "*Fundamentals of Artificial Neural Networks*" and the prize distribution ceremony for the poster competition winners.

The **Expert Talk** was delivered by **Prof. U. V. Kulkarni**, Head of the Department, Computer Science and Engineering, SGGS Nanded. Prof. Kulkarni explained the evolution of Artificial Intelligence from traditional rule-based systems to Machine Learning, Deep Learning, and Generative AI. He elaborated on key concepts such as Biological Neural Networks, Artificial Neurons, Activation Functions, and Multilayer Feedforward Neural Networks, supported by practical examples from domains including image processing, stock prediction, Internet of Things (IoT), and Natural Language Processing (NLP).

He emphasized that Artificial Intelligence is not merely about creating intelligent machines but about empowering humans and society through responsible and meaningful technological advancements. His insightful presentation motivated students to explore emerging fields such as AI, Data Science, and Neural Network based projects for future learning and research.

As a part of the celebration, a **Poster Competition Prize Distribution Ceremony** was organized. The winning posters were displayed during the Expert Talk session in the presence of Prof. U. V. Kulkarni and Dr. A. M. Rajurkar (HOD, CSE and AIML). Two students from Second Year CSE AND AIML secured the top positions. The first winner was awarded a Pen Drive, while the second winner received a Book as a token of appreciation. These awards served as encouragement for students to actively participate in future technical and creative activities.

These activities collectively aimed to promote innovation, technical awareness, leadership, and lifelong learning among students.



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Activity Details:

- Date: 16th October 2025
- Time: 03:0 PM – 05:30 PM
- Location: Conference Hall

Participants:

- Class: FY, SY & TY CSE AND AIML

Achievements:

- Successfully inaugurated the IEI Students' Chapter in the Department of Computer Science and Engineering, establishing a formal professional platform for students.
- Created awareness among First, Second and Third-Year students about the importance of IEI membership for professional growth and career development.
- Motivated students to actively participate in technical workshops, seminars, and professional activities planned under the IEI academic calendar.
- The expert talk enhanced students' conceptual understanding of Artificial Intelligence and Artificial Neural Networks, helping them connect engineering fundamentals with modern technological applications.
- Faculty and guest experts appreciated the quality of posters and the enthusiasm shown by the participants, recognizing the event as a positive step toward developing technical culture under the IEI Students' Chapter.

Outcome of the Event:

The inauguration of the IEI Students' Chapter resulted in increased awareness among students about the importance of professional bodies in enhancing academic and career development. The event motivated students to actively participate in technical, professional, and leadership-oriented activities under the IEI platform, thereby strengthening their leadership, teamwork, and communication skills. The Engineer's Day



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Celebration 2025 successfully enhanced students' understanding of Artificial Intelligence and Neural Network fundamentals through the expert talk delivered by Prof. U. V. Kulkarni. Students gained insights into the evolution of AI, artificial neurons, activation functions, and real-time applications in domains such as image processing, IoT, and predictive analytics.

The recognition given to the winners of Poster Competition motivated students to actively participate in technical, professional, and leadership-oriented activities under the IEI platform, thereby strengthening their leadership, teamwork, and communication skills.

Relevance with Program Outcomes

Engineering Knowledge (PO1):

The event underscored the importance of engineering excellence and provided a platform for applying and showcasing engineering knowledge through the new IEI chapter. The expert talk enabled students to apply and extend their engineering knowledge in understanding Artificial Neural Networks and real-time AI applications.

Problem Analysis (PO2):

Through poster preparation and discussion, students analysed engineering and societal problems, presenting innovative AI-based visual solutions.

Design/Development of Solutions (PO3):

The creative process of poster design encouraged students to develop and visualize solutions aligned with modern engineering needs.

Leadership and Teamwork (PO9):

Active participation and collaboration among FY, SY, and TY students fostered leadership qualities and effective teamwork.



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Communication (PO10):

The event facilitated effective communication between students, faculty, and guests, enhancing students' ability to articulate ideas and present themselves confidently.

Lifelong Learning (PO12):

The discussion on the IEI Calendar and upcoming activities encouraged students to pursue continuous learning, professional development, and self-improvement throughout their careers. The expert talk inspired students to engage in continuous learning and research in Artificial Intelligence and emerging technologies.

Feedback:

The inauguration ceremony of the IEI Students' Chapter was highly informative, inspiring, and well organized, providing students with valuable insights into professional growth, leadership, and lifelong learning. The motivational address by the Head of the Department effectively encouraged students to actively engage in IEI activities, while the briefing on the IEI calendar created awareness about upcoming technical and professional opportunities. The recognition of the IEI student council fostered a sense of responsibility, teamwork, and confidence among students. Overall, the event successfully motivated participants, strengthened faculty–student interaction, and laid a strong foundation for the effective functioning of the IEI Students' Chapter in the department.



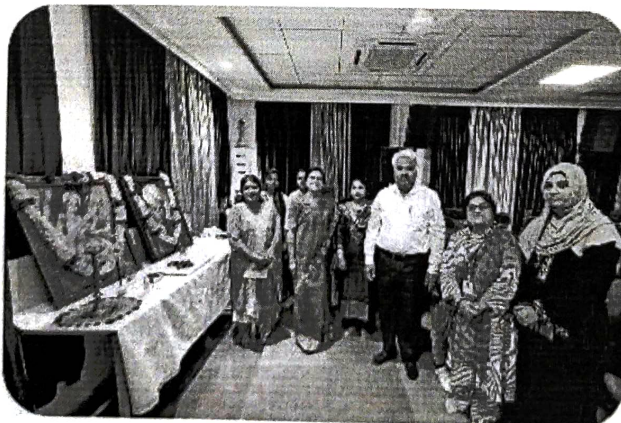
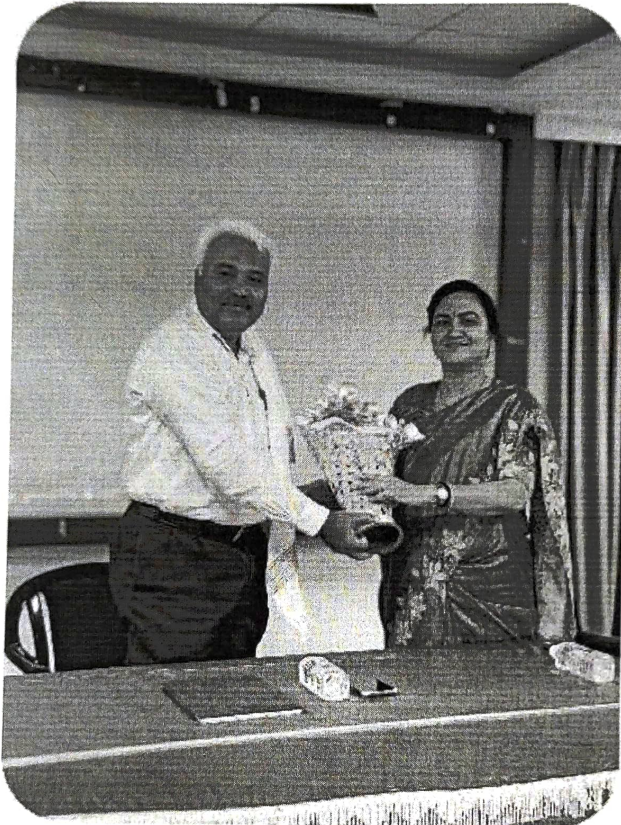


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Attachments:

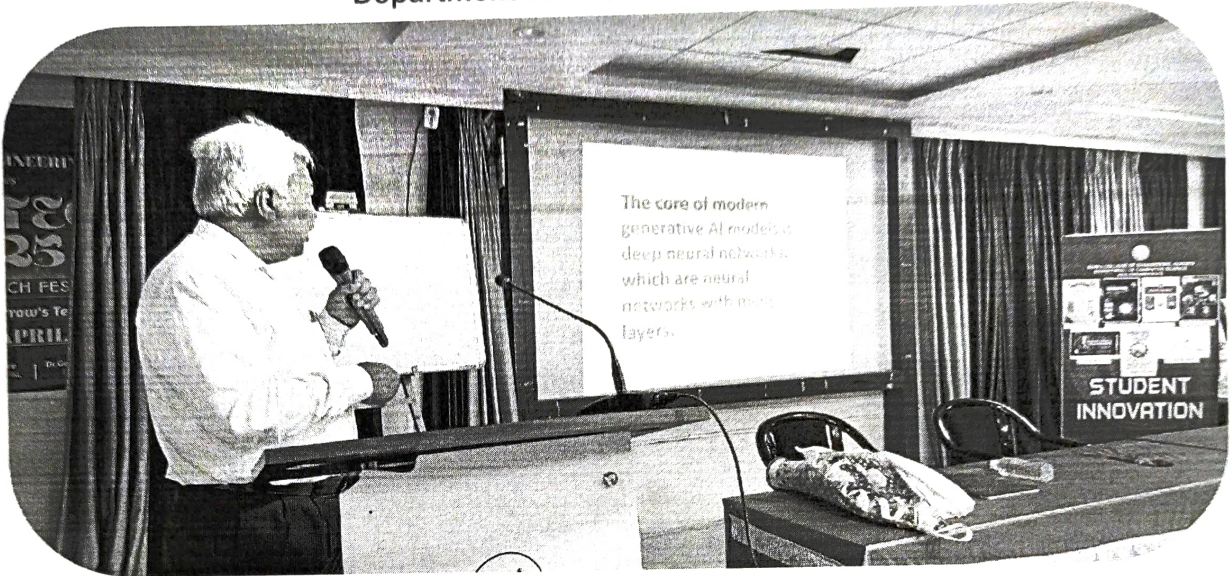




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Event Co-ordinators

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[Co-curricular or Extra-curricular Activity]

Name of Activity: MACHINE LEARNING TO AI AGENTS	
Prepared by: Dr. B. S. Kapre, Ms. N. L. Pariyal, Ms. M. H. Khan	Date: 14 th October 2025

Introduction:

The Department of CSE and AIML, in collaboration with the Institute of Engineers (India) Students' Chapter, successfully organized an expert talk on "Machine Learning to AI Agents." The session was conducted by Mr. Atul Kahate, a renowned Software Professional, Trainer, and Author with over 25 years of industrial experience and more than 80 published books.

His expertise in Artificial Intelligence, Machine Learning, Cryptography, and Computer Networks made him an excellent resource person for this insightful session. The event commenced with a formal welcome, followed by an introduction of Mr. Kahate by the Head of the Department of Computer Science and Engineering, Dr. A. M. Rajurkar mam.

His vast experience in emerging technologies, industry projects, and technical education provided deep insights to the participants. Designed to enhance students' understanding of modern AI concepts, the session covered the evolution of Machine Learning, AI Agents, real-world applications, and the future of intelligent systems.

Mr. Kahate explained the fundamentals of AI, discussed agent-based systems, and demonstrated how industries are adopting intelligent automation. His interactive examples and real-time discussions kept students engaged throughout the session. Participants gained a clear understanding of the transition from traditional ML models to advanced AI agents capable of decision-making and autonomous operations.
