



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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[Co-curricular or Extra-curricular Activity]

Name of Activity: Expert Lecture on the topic "Inspiring Journey of India's Defence Preparedness"	
Prepared by: Dr. B. S. Kapre Ms. N. L. Pariyal Ms. M.H. Khan	Date: 4 March 2026

Introduction:

The Institution of Engineers (India) (IEI) – Students' Chapter of the Department of Computer Science and Engineering (CSE) and Department of Artificial Intelligence and Machine Learning (AIML), MGM's College of Engineering, Nanded, organized an Expert Lecture on the topic "Inspiring Journey of India's Defence Preparedness" by renowned DRDO scientist Shri Kashinath Damodar Devdhar. The event aimed to provide students with valuable insights into India's advancements in defence technology and the remarkable journey towards self-reliance in national security.

The program was conducted under the guidance of College Director Dr. Geeta Lathkar and with the support of Professor Dr. Y. V. Joshi. The session began with a warm welcome and an introductory speech by the Head of the Department of Computer Science and Engineering, Dr. Archana Rajurkar, who introduced the distinguished guest to the audience and highlighted his remarkable contributions to defence research and development.

The chief guest Shri Kashinath Devdhar was felicitated by Vice-Principal Dr. Shirish Kothgire with a bouquet and a symbolic Gandhi idol as a mark of respect and appreciation. During the lecture, Shri Devdhar shared his vast experience as a scientist associated with the Defence Research and Development Organisation (DRDO) and discussed India's progress in developing advanced defence technologies.



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In his enlightening lecture, he explained the development of modern weapons and technologies required by the three defence forces of India over the last four decades. He also discussed their applications and highlighted the significant progress made by India in indigenous defence technology. Through engaging visual presentations, he demonstrated how India has strengthened its defence capabilities and moved towards becoming self-reliant in defence production.

Shri Devdhar also shared his experiences of working with Dr. A. P. J. Abdul Kalam, emphasizing how Dr. Kalam's vision and leadership played a crucial role in strengthening India's missile technology and defence research programs. He further mentioned that India is gradually emerging as a major exporter of defence equipment, reflecting the country's growing technological strength and global recognition.

The session was highly informative and inspiring for students, providing them with a deeper understanding of defence technology, innovation, and the importance of engineering research in national development. The program was attended by Professor Emeritus Dr. Y. V. Joshi, several department heads, faculty members, and a large number of students, making the event highly successful.

The program was effectively anchored by Dr. Bhagyashri Kapre, while student Sampada Ujlamkar delivered the vote of thanks, expressing gratitude to the chief guest, dignitaries, faculty members, and students for their valuable presence and support. The students of the IEI Chapter actively contributed to the successful organization of the event, demonstrating teamwork, coordination, and enthusiasm.



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Activity Details:

- Date: 4 March 2026
- Time: 03:00 PM – 05:30 PM
- Location: Conference Hall

Participants:

- Class: FY, SY & TY CSE and AIML

Achievements:

- Successfully organized an expert lecture by a renowned DRDO scientist, providing students with exposure to India's defence research and technological advancements.
 - Created awareness among students about the importance of indigenous defence technology and national self-reliance in security systems.
 - Motivated students to explore research and innovation opportunities in engineering fields related to defence technologies.
 - Strengthened students' understanding of the real-world applications of engineering knowledge in national development.
 - Encouraged curiosity and interest among students towards careers in research organizations such as DRDO and other technological institutions.
 - Promoted interaction between students, faculty members, and an experienced scientist, enhancing the academic environment.
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Outcome of the Event:

The expert lecture significantly enhanced students' understanding of India's defence preparedness and technological development. It inspired students to appreciate the role of engineering innovation in strengthening national security and encouraged them to pursue research-oriented careers. The session also fostered motivation among students to contribute to technological advancements and national development through engineering knowledge and innovation.

Relevance with Program Outcomes (POs):

Engineering Knowledge (PO1):

The lecture provided insights into the application of engineering principles in defence technologies and research.

Problem Analysis (PO2):

The discussion on defence challenges and technological solutions helped students understand complex engineering problems and their real-world solutions.

Modern Tool Usage (PO5):

Visual presentations and technological demonstrations showcased the use of modern tools and advanced technologies in defence systems.

Communication (PO10):

The interactive lecture improved communication between students, faculty, and the guest speaker, enhancing knowledge sharing.



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Lifelong Learning (PO12):

The session motivated students to pursue continuous learning, innovation, and research in engineering fields.

Feedback:

The expert lecture on “Inspiring Journey of India’s Defence Preparedness” was highly informative, inspiring, and well organized. Students appreciated the opportunity to learn directly from an experienced DRDO scientist and gain insights into India’s technological progress in defence systems. The lecture, supported by visual presentations and real-life experiences, made the session engaging and thought-provoking. Overall, the program successfully motivated students, strengthened academic interaction, and provided valuable knowledge about defence technology and national innovation.

Attachments:

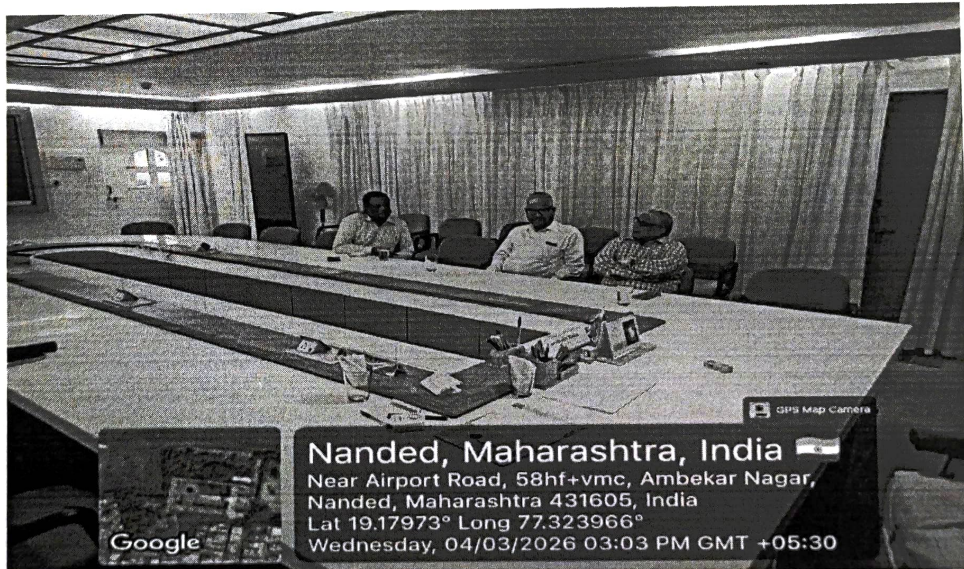




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