



# NEWS BULLETIN

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# The Institution of Engineers (India)

## NASHIK LOCAL CENTRE

**"A Century of Service to the Nation"**

The Institution of Engineers (India) Nashik Local Centre has emerged as the most active and vibrant centre in the state of Maharashtra. This centre was started in 1984 with only 210 members. Now the strength of this centre has grown to 3200 corporate members and 10000 Technician members. Nashik Local Centre comprises of entire North Maharashtra region i.e. Nashik, Dhule, Nandurbar & Jalgaon districts.

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# Annual Engineering Awards 2025

The Institution of Engineers (India), Nashik Local Centre organized Annual Engineering Awards. The awards were presented at the auspicious hands of Chief Guest: Dr. Sudhanshu Mani, Father of the Vande Bharat Express and IRSME (Retd. GM/ICF), Chennai, Guest of Honor Er. Manish M. Kothari, President Elect., IEI Kolkata held on 06<sup>th</sup> December, 2025, at The Hotel Gateway, Nashik..



The programme commenced with the ceremonial lighting of the lamp after paying homage to Bharat Ratna Sir Dr. M. Visvesvaraya. The inaugural session set a dignified tone for the event.



As a part of this; every year selected engineers from IEI Nashik Jurisdiction are awarded under different categories as “Outstanding Engineer Award”, “Engineering Achievement Award”, “Promising Engineer Award”, “Lady Engineer Award” Lady, who have contributed in the field of Engineering and who deserve acknowledgement by the Engineering community.



Er. Samir Kothari, Chairman of The Institution of Engineers (India), Nashik Local Centre, welcomed the gathering and briefed the audience about the various activities and initiatives undertaken by the Nashik Local Centre. The Organising Committee Head, Er. Narendra Birar, expressed his views and shared insights about the successful planning of the programme. Er. Rajesh Bansal, Chairman of the Award Selection Committee, explained the transparent and merit-based selection process adopted for the awards.

The Outstanding Engineer Award (Sponsored by Ashoka Buildcon, Nashik) was conferred upon Er. Saket Chaturvedi, CEO, Hindustan Aeronautics Limited (HAL), Ozar. The award was presented by Er. Sanjay Londhe and Er. Satish Parakh of Ashoka Buildcon, Nashik, in recognition of his outstanding contributions to the engineering profession.





## Annual Engineering Awards 2025

Engineering Achievement Awards (Sponsored by Shivananda Electronics, Nashik) were presented to Er. Atul S. Advadkar, Dr. Hemraj Ramdas Kumawat, Dr. Rajendrakumar Giridharilal Tated, Er. Sunil Dattu Bhor, and Er. Surender Kumar.



Promising Engineer Awards were conferred upon Dr. Anilkumar Dulichand Vishwakarma, Er. Arihant Sanjay Jain, Er. Ajinkya Prataprao Kothawale, Dr. Parag Jayant Mondhe, and Er. Vasu Mittal.



The Lady Engineer Awards were presented to Er. Ayushi Pranesh Dungarwal, Dr. Bipasa Bimalendu Patra, and Er. Snehal Ashokrao Ingale, acknowledging their notable achievements and contributions.



While addressing the gathering as the Chief Guest, Dr. Sudhanshu Mani, the architect of Vande Bharat Express and former General Manager (ICF), Chennai, IRSME (Retd.), stated that India is rapidly progressing towards the peak of engineering innovation. He emphasized that engineers are the driving force of national development and that technology should be viewed not merely as a means of employment but as a powerful tool for social transformation. He expressed pride in witnessing a large number of talented engineers actively contributing in a city like Nashik.

Er. Manish M. Kothari, the President-Elect of The Institution of Engineers (India), Kolkata, highlighted that IEI is the most prestigious professional body connecting engineers across the country. He appreciated the Nashik Local Centre for its consistent efforts in promoting quality, skill development, and socially responsible engineering practices. He urged young engineers to remain aligned with global technological trends and continue pursuing innovation, which he described as the true strength of future India.





The programme concluded with a vote of thanks proposed by Er. Vedant Rathi, Honorary Secretary, IEI Nashik Local Centre.

The event was graced by the presence of several distinguished members and senior engineers, including former IEI Past Chairman Er. Satish Parakh, Er. Mahendra Kothari, Er. Vijay Kothari, along with Er. Sanjay Londhe, Er. Narendra Birar, Er. Sumit Khinvasara, Er. Mahavir Chopra, Council Member Er. Santosh Mutha, Joint Secretary Er. Dipak Patil Dhiraj Picha, Er. Vipul Mehta, Er. Mahendra Shirsat, Er. Naynish Joshi, Er. Mahesh Sanghavi, Er. Santosh Sancheti, Er. Sunil Baphana, and Er. Aniket Bagde and many other members, engineers, and industrialists, who attended the programme in large numbers, making it a grand success.





## One Day Seminar on “AI Hacks for Students: Work Smarter, Not Harder”

The Institution of Engineers (India), Nashik Local Centre successfully organized a One Day Seminar on “AI Hacks for Students: Work Smarter, Not Harder” on 08 December 2025 at its premises in Nashik. The seminar was conducted with the objective of familiarizing students with the practical use of Artificial Intelligence (AI) tools to enhance learning efficiency, productivity, and academic performance.



### Abstract of the Programme

In today's rapidly evolving digital era, Artificial Intelligence (AI) has emerged as a powerful catalyst transforming the way students learn, create, and achieve academic excellence. The seminar theme, “AI Hacks for Students: Work Smarter, Not Harder,” highlighted the growing importance of leveraging AI-driven tools and technologies to optimize learning outcomes and foster innovation.

The programme focused on how AI-based platforms can simplify complex academic tasks such as research, data analysis, content creation, time management, and project execution. Participants were introduced to concepts such as personalized learning assistants, smart note-taking tools, AI-based project support systems, and language models. The sessions emphasized how the effective integration of human intelligence with artificial intelligence can enable smarter learning, enhance creativity, and promote critical thinking, ultimately paving the way for lifelong success.

### Welcome Address

The seminar commenced with a warm welcome address by Er. Samir Kothari, Chairman, IEI Nashik Local Centre. In his address, he highlighted the importance of adopting emerging technologies such as Artificial Intelligence in education and encouraged students to utilize AI tools responsibly for academic and professional growth.

### Technical Session

Speaker: Dr. Mahesh Sanghavi, MSC Member & Joint Director, SNJB's Late Sau. K. B. Jain College of Engineering, Chandwad.

An informative and interactive technical session was delivered by Dr. Mahesh Sanghavi on the topic “AI Hacks for Students: Work Smarter, Not Harder.” The session provided valuable insights into the practical applications of AI in academics and professional development.

Dr. Sanghavi explained real-world use cases of AI tools that help students improve productivity, streamline study routines, and enhance learning efficiency. The session encouraged active participation, with students engaging in discussions and seeking clarification on the ethical and effective use of AI technologies.

The session on AI Tools for Learners was conducted as an interactive and hands-on learning program. Participants were introduced to a wide range of AI-powered tools used for content generation, research assistance, video creation, design, programming support, and academic work. The session emphasized practical exposure, ethical usage, and verification of AI-generated outputs.



## One Day Seminar on “AI Hacks for Students: Work Smarter, Not Harder”

An interactive poll-based learning approach was adopted to engage participants actively and assess their understanding during the session.

### Key Topics Covered

- Introduction to Generative AI and its role in education
- Overview of popular AI tools for learners
- Hands-on demonstrations of selected AI tools
- Use of AI in teaching, learning, research, and content creation
- Academic integrity and ethical considerations
- Prompt engineering techniques
- Limitations of free vs paid AI tools

Based on the session material and hands-on demonstrations, the following categories of AI tools were introduced to participants:

#### A. AI Tools for Research & Learning Support

- ChatGPT, Google Gemini, Claude – for concept clarification, idea generation, summaries, and academic support
- Perplexity AI, Notebook LM, Humata – for research assistance, document analysis, and reference exploration

#### B. AI Tools for Content Creation & Presentation

- Gamma, Tome, Notion AI – for presentations, reports, and structured content creation
- Copy.ai, Designs.ai – for creative and academic content drafting

#### C. AI Tools for Video, Audio & Media Creation

- InVideo, Pictory, Synthesia, D-ID – for video generation and educational media
- Descript, Type Studio – for audio/video editing and transcription
- Soundraw – for AI-generated royalty-free music

#### D. Academic & Classroom-Oriented AI Tools

- AI tools for teaching plans, question paper framing, case study preparation, and course design
- Prompt engineering techniques for improved academic outcomes

#### E. Ethical Use & Best Practices

- Emphasis on academic integrity
- Verification of AI-generated outputs
- Awareness of free vs paid tool limitations and regional availability



### Valedictory Session

The seminar concluded with a valedictory session and a vote of thanks proposed by Hon. Joint Secretary Er. Dipak Patil, who expressed gratitude to the speaker, dignitaries, participants, and organizing team for the successful conduct of the programme.



The programme was graced by the presence of several eminent dignitaries and members, Chairman Er. Samir Kothari, Past Chairman Er. Sumit Khinvasara & Er. Narendra Birar, Hon. Jt. Secretary Er. Dhiraj Picha & Er. Dipak Patil, Er. Santosh Sancheti, Delegation of Engineering College Students from Belarusian National Technical University, Minsk, Belarus and other members were present for the Programme.

