



भारतीय प्रौद्योगिकी संस्थान मुंबई
INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

प्रकाशन और जनसंपर्क कार्यालय
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IIT Bombay celebrates National Engineers' Day 2025 by

conferring

- IIT Bombay International Award for Excellence in Research in Engineering and Technology
- Dr. P.K. Patwardhan Technology Development Award 2024
- C1973 Faculty Award for Research Excellence and
- Best Zonal Work Award

Mumbai, September 15, 2025: The Indian Institute of Technology Bombay (IIT Bombay) celebrated National Engineers' Day on its campus today, paying tribute to the legendary engineer, statesman and Bharat Ratna awardee, Sir Mokshagundam Visvesvaraya on his birth anniversary.

The event began with the garlanding of Sir M. Visvesvaraya's portrait, followed by a solemn tribute to his remarkable contributions to nation-building.

Prof. Shireesh Kedare, Director, IIT Bombay, in his address said, *"Engineers know how to do things and success or failure often lies in the details. As engineers, we are strong in the 'Science of Technology,' but we must further strengthen the 'Engineering of Technology.' Today, the challenge is in finding innovative solutions to climate change problems and how to use AI in education. We as engineers need to work to find solutions."*

The Chief Guest, Prof. Anil D. Sahasrabudhe, eminent educationist and Chairman – NETF, NAAC (EC), NBA and NIF, delivered an inspiring address, emphasizing the role of engineers in shaping India's future in an era of rapid technological change. *"Engineers are not just problem-solvers — they are nation-builders. On this Engineers' Day, as we remember the legendary Sir M. Visvesvaraya, we are reminded that engineering is not only about technical skills but also about values like integrity, empathy and*

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innovation. From creating the world's only 25 Hz hydropower plant to building a dam without concrete that still stands strong, Sir Visveswaraya's vision was far ahead of his time. Today, in an era shaped by AI, space exploration and startups, we must uphold those same principles. Engineering solutions must be safe, scalable, sustainable and sensitive to the needs of the people. As India emerges as a global innovation hub - from becoming the third largest startup ecosystem to achieving milestones in space and atomic energy - it's crucial that our engineers carry forward this legacy with creativity, responsibility and ethics."

"Education must evolve to embed hands-on learning, internships and entrepreneurial thinking. Let us commit to building a future that is technologically advanced, environmentally conscious and socially inclusive. The future is ours to create, but only if we remain honest, innovative and inspired," he added.

He was subsequently felicitated by the Institute in recognition of his lifelong contributions to engineering education and policy.

The celebrations also witnessed the conferring of IIT Bombay's most prestigious awards including **International Award for Excellence in Research in Engineering and Technology; Dr. P.K. Patwardhan Technology Development Award 2024** and **C1973 Faculty Award for Research Excellence**. These awards, instituted to recognize path-breaking research and technological innovation, are presented to outstanding faculty members and researchers of IIT Bombay.

The Dr. P. K. Patwardhan Technology Development Award for the year 2024 was conferred on **Prof. Rajesh Zele** and **Dr. Vijay Kanchetla** for their pioneering work on DhruvaPro – A Worldwide Navigational Receiver Chip for NAVIC, GPS, GALILEO and BEIDOU. The award is based on the recommendation of a Director-approved Award Committee.

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This year's **International Award for Excellence in Research in Engineering and Technology** was jointly conferred on **Prof. Chen Change Loy**, President's Chair in Computer Science and Deputy Director, Centre of AI-for-X, NTU Singapore and **Prof. Madhavi Srinivasan**, President's Chair in Sustainability and Executive Director, ERI@N, NTU Singapore.

[Instituted by Mr. Sandeep Naik and Mr. Shantanu Rastogi, the award recognizes researchers for impactful contributions in engineering and technology over the past decade]

The awardees of **C1973 Faculty Awards for Research Excellence (FARE)** include:

- Prof. Pennan Chinnasamy, Centre for Technology Alternatives for Rural Areas
- Prof. Ratul Dasgupta, Department of Chemical Engineer
- Prof. Arpita Mondal, Department of Civil Engineering
- Prof. Biswabandan Panda, Department of Computer Science and Engineering
- Prof. Siddhartha Tallur, Department of Electrical Engineering
- Prof. Narendra Shiradkar, Department of Electrical Engineering
- Prof. Swatantra Pratap Singh, Environmental Science and Engineering Department
- Prof. Manoranjan Sahu, Environmental Science and Engineering Department
- Prof. Pradip P. Kalbar, Environmental Science and Engineering Department
- Prof. Deepak Marla, Department of Mechanical Engineering
- Prof. Achintya Kumar Dutta, Department of Chemistry
- Prof. Rahul Maitra, Department of Chemistry
- Prof. Prabhakar Naraga, Department of Earth Sciences
- Prof. Sourav Pal, Department of Mathematics

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- Prof. Pintu Parui, Department of Economics
- Prof. Sudeep Bapat, Sailesh J. Mehta School of Management

[The C1973 Faculty Awards Research Excellence aims to promote and recognize original research from young faculty at IIT Bombay. This initiative encourages faculty members to conduct and publish impactful research in peer-reviewed and globally reputed academic journals, thereby enhancing the visibility of IIT Bombay as a premier research-driven institute worldwide.]

Under the Best Zonal Work Award category, the **Outstanding Young Engineer Award 2024-25** was conferred upon Mr. Vinayak D. Bobade for his outstanding contributions to the campus infrastructure development.

The event concluded with a reaffirmation of IIT Bombay's commitment to nurturing excellence in engineering education and research, while advancing the nation's technological frontiers in line with the spirit of Engineers' Day.

About IIT Bombay:

The Indian Institute of Technology Bombay, set up in 1958 as the second IIT, is recognised worldwide as a leader in the field of science and engineering education and research. The Institute was granted the status of 'Institution of Eminence' by the Ministry of Education (the then Ministry of Human Resources Development) on July 9, 2018. IIT Bombay is reputed for the quality of its faculty, cutting edge research, industry relations and the outstanding calibre of students graduating from its undergraduate and postgraduate programmes. The Institute has 17 academic departments, 35 other academic entities (Centres/ Programmes/ Academic facilities/ Hubs/ Externally funded centres and Labs) and three schools. Over the last six decades, more than 75,000 engineers and scientists have graduated from the Institute. The Institute has 751 faculty members and about 150 visiting and part-time faculty, recognised nationally and globally for their excellence in education and research. On June 19, 2025, IIT Bombay was ranked 2nd in India and 129th in the world in the Quacquarelli Symonds (QS) World University Rankings for 2026. On March 12, 2025, IIT Bombay

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was ranked 28th in Engineering and Technology in the Quacquarelli Symonds (QS) World University Rankings by Subject for 2025.

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