campus diary

Union Minister Dr. Jitendra Singh Announces Quantum Fabrication Facilities Under NQM

(L-R) Prof. Abhay Karandikar, Secretary, Department of Science and Technology (DST), Dr. Jitendra Singh, Union Minister of Science & Technology and Prof. Shireesh B. Kedare, Director, IIT Bombay on the dais

Union Minister of Science & Technology, **Dr. Jitendra Singh,** announced the ***establishment of two major state-of-the-art Quantum Fabrication and Central Facilities under the National Quantum Mission (NQM)*** during his visit to IIT Bombay on 24th November, 2025.

With a total investment of **720 crore**, these two central fabrication major facilities to be set up at IIT Bombay and IISc Bengaluru will indigenise the fabrication of quantum computing chips and quantum sensors, thereby accelerating their development in India. Two additional small-scale facilities will also be set up at IIT Delhi and IIT Kanpur.

So far, India has had to depend largely on facilities located abroad for the fabrication of quantum devices, leading to challenges in pacing up the processes of technology development.

These facilities, which would be accessible to academia, S&T institutions, industry, start-ups, MSMEs and strategic sectors across the country, could help fast-track the fabrication process and support technology development, prototyping and small-scale production, particularly in startups and MSMEs. This would mark a major milestone in India's journey toward technological sovereignty in quantum technologies for Atmanirbhar Bharat.

Dr. Jitendra Singh, Union Minister of Science & Technology, addressing the audience

These fabrication and centralised facilities are being setup across three technology verticals:

- The Quantum Sensing & Metrology facility at IIT Bombay, which will accelerate breakthroughs in quantum sensing, such as advanced quantum sensor platforms for tangible societal and strategic impact.

- The Quantum Computing fabrication facility at IISc Bengaluru will enable fabrication of quantum computing chips based on superconducting, photonic, spin qubits, which are central to the development of scalable quantum qubit architectures.

Union Minister Dr. Jitendra Singh (center left) dedicates to the nation India's first state-of-the-art Liquid Helium Cryogenic Facility at IIT Bombay

Addressing the gathering, **Dr. Singh** emphasised that the National Quantum Mission is a critical pillar of the Hon'ble Prime Minister's vision of Atmanirbhar Bharat and Viksit Bharat 2047. He highlighted that these advanced fabrication and characterisation facilities will benefit academia, industry, start-ups and strategic sectors, enabling the development of indigenous quantum devices and building a skilled workforce in quantum hardware.

The Union Minister also appreciated cutting-edge research at the Quantum Lab and the Quantum Sensing & Metrology Hub at IIT Bombay.

He dedicated to the nation the Liquid Helium Facility, which can decrease the reliance on foreign sources of helium and reduce costs of cryogenic experiments to a tenth of the present value and contribute significantly to the growing research portfolio of superconductivity, quantum computing and sensing, photonics, healthcare, space exploration and green energy. This facility will now be open to all industry, academia and R&D institutions.

Dr. Singh also spoke about ***BharatGen***, a *key initiative supported under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS),* which is building India's multilingual, multimodal large language models- inclusive and efficient AI across 22+ Indian languages, integrating three key modalities: text, speech and vision, to create robust solutions that meet India's real needs.

He lauded the achievements of the IoT & IoE Technology Innovation Hub (TIH) at IIT Bombay, which is driving translational research and converting academic work into deployable technologies IoT and AI technology domains It has supported nearly 50 deep-tech startups and advanced 96 technology

development projects, creating a strong pipeline from research to deployment.

Dr. Singh said that the combined efforts of NQM, NM-ICPS, BharatGen and India's scientific community exemplify the spirit of *"Jai Vigyan, Jai Anusandhan"*, reaffirming India's commitment to emerging as a global leader in science, technology and innovation.

Prof. Abhay Karandikar, Secretary, Department of Science and Technology (DST), congratulated all faculty, researchers, students and partners from IIT Bombay and the collaborating institutions and said, *"DST is proud to see the strong progress under both the National Mission on Interdisciplinary Cyber Physical Systems and the National Quantum Mission, where IIT Bombay continues to play a key leadership role.*

The Technology Innovation Hub here has made remarkable advances by way of supporting startups, developing new technologies and recently launching work on Indian-language large language models. Under the National Quantum Mission, all four hubs (viz IISc Bengaluru, IIT Madras, IIT Delhi and IIT Bombay) IIT Bombay have shown impressive progress in the last few months and the quantum sensing hub at IIT Bombay has been particularly noteworthy. Together, these initiatives create a complete innovation ecosystem from fundamental research to commercialisation.

I encourage all researchers and innovators to fully leverage these opportunities. With strong collaboration across academia, industry and startups. I am confident that India will make significant advances in quantum technologies and other emerging areas".

New Chairperson, BoG, IIT Bombay

Dr. K. Radhakrishnan, Former Chairperson, Space Commission / Secretary, Department of Space and former Chairman, Indian Space Research Organization (ISRO) has been appointed as the new Chairperson of the Board of Governors of IIT Bombay w.e.f. 17th November, 2025.

Inaugural Session Of The Wellness Conclave At IIT Bombay Sets A Strong Foundation For Holistic Student Well-being

Inauguration of 2nd National Wellness Conclave

The inaugural session of the **Wellness Conclave at IIT Bombay** was held on 22nd November, 2025, marking an important step toward transforming the landscape of student well-being in Indian higher education.

The ceremony began with the traditional lighting of the lamp, followed by a warm welcome and felicitation of the dignitaries. During the session, the compendium **"Emerging Best Practices of Wellbeing 2.0"** was formally released, showcasing exemplary models and innovative approaches from institutions across the country committed to supporting student mental health.

In his welcome address, **Prof. Deepak Marla**, Vice-Chairperson, Student Wellness Centre, IIT Bombay, highlighted the purpose of the conclave — to collaboratively design a future where students can thrive emotionally, socially and academically.

Dr. Jitendra Nagpal, Director, Expressions India, invoked the ethos of the guru-shishya paramparâ and emphasized the urgent need for systemic support, noting that one in eight individuals in India experiences a mental health disorder. He stressed that the age group 18–25 is particularly vulnerable, making early care and proactive intervention essential.

The Chief Guest, **Dr. Vineet Joshi**, *Secretary (Higher Education), Ministry of Education, Government of India,* underlined the importance of integrating age-old wisdom with modern scientific approaches. Referring to the journey from ***prâGa-maya kosha to ânanda-maya kosha***, he advocated creating safe, supportive campuses where students can openly express themselves and learn to manage life's stressors. He referenced the National Education Policy (NEP) 2020, which places holistic well-being at the center of education reform and highlighted the critical role of teachers whose words and attitudes profoundly influence students in his online speech.

Prof. Shireesh Kedare, Director, IIT Bombay, reminded the audience that an educational institution is much more than a pathway to placements — it is a transformative environment where young adults spend four formative years. He shared the initiatives IIT Bombay has undertaken to enhance student emotional well-being, including the establishment of the Flourishing Hub and emphasized the need to also guide parents to reduce stressors affecting students.

Mr. Manoj Singh Gaur, Director, IIT Jammu reflected on practical steps institutions can take to strengthen student well-being ecosystems, while **Ms. Rina Sonowal Kouli,** Joint Secretary, Department of Highter Education, Ministry of Education, Government of India, spoke on the significance of the newly-released compendium, emphasizing the need for trained professional counsellors alongside faculty mentors to create robust mental-health support frameworks.

The session concluded with a vote of thanks, marking a meaningful beginning to a conclave dedicated to collaboration, reflection and action toward student flourishing across India. The Wellness Conclave brought together policy leaders, academic administrators, mental-health professionals and student support practitioners to share best practices and build a collective roadmap for the future of well-being in higher education.

IIT Bombay Celebrates Alumni Day 2025

- **Distinguished Service Award bestowed on five alumni**

- **Chapter Service Awards bestowed on seven alumni**

- **The Silver Jubilee batch (Class of 2000) pledged Rs. 50 crores towards the Legacy Project**

- **Book Launch by Mr. Kanwal Rekhi**

- **Felicitation of Mr. Kirat Patel on becoming the First Chairman Emeritus of IITBAA**

- **Alumni appreciation and gratitude programme**

- **Launch of IIT Bombay's annual fundraiser 'GO-IIT Bombay' campaign**

The Indian Institute of Technology Bombay (IIT Bombay) observed its annual **Alumni Day** on 28th December, 2025, at VMCC on the campus. The event began with a welcome by **Prof. Upendra Bhandarkar,** Dean (Alumni and Corporate Relations), IIT Bombay, address by **Prof. Shireesh Kedare,** Director, IIT Bombay, in the presence of **Prof. Ravindra Gudi,** Deputy Director (Finance, Infrastructure and Administration), IIT Bombay.

Highlighting the Institute's progress over the years and the pivotal role played by its alumni in this journey, **Prof. Kedare**, in his address said, *"Alumni are an important part of the IIT Bombay community. They are not only bringing in resources but also invaluable expertise and strong connections with society and industry".*

Prof. Shireesh Kedare, Director of IIT Bombay addressing the audience

The Distinguished Service awardees honoured during Alumni Day celebrations

This year's **Distinguished Service Award** (instituted in 1999) was bestowed on **Mr. Mukund Kulkarni,** B.Tech., 1971, Mechanical Engineering; **Mr. Abhay Nadkarni,** B.Tech., 1981, Mechanical Engineering; **Ms. Suhasini Sabnis,** 1982, Mathematics; **Mr. Shamrao Kattimani,** B.Tech.,1989 and M.Tech.1991, Computer Science and Engineering and **late Mr. Sushil Singh**, B.Tech., 1991, Civil Engineering. Besides being achievers in their own chosen domain, the alumni have made significant and enduring contributions to the advancement of the Institute. The award consists of a certificate, a memento and an uttaria.

The **Chapter Service Awards** (instituted during the Diamond Jubilee year celebrations) are given to select alumni who have contributed consistently to the progress of their Chapters and the Institute. The awardees for this year include **Mr. Alkesh Shah,** B.Tech., 1985, Electrical Engineering (Chapter: IITBHF, Boston); **Mr. Amit Shiwalkar,** B.Tech., 1996, Electrical Engineering (Chapter: IITBHF, Southern California); **Mr. Deepak Iyer,** B.Tech., 1997, Electrical Engineering and Materials Science (Chapter: IITBHF, Houston); **Mr. Hrishikesh Sathawane,** B.Tech., 1997, Engineering Physics (Chapter: IITBHF, SF Bay Area); **Mr. Arpit Kothari,** B.Tech., 2016, Chemical Engineering (Chapter: IITBAA, Indore); **Mr. Shubham Jain,** B.Tech., 2016, Computer Science and Engineering; and **Ms. Karen Nimmy Stephen,** M.Tech., 2018, Electrical Engineering (Chapter: IITBAA, Japan).

*The Chapter Service awardees honoured during Alumni Day celebrations*

During the alumni contribution and acknowledgement segment of the event, **Mr Ravishankar Gedela,** CEO of the IIT Bombay Development and Relations Foundation (IITB-DRF), on behalf of the Institute, expressed gratitude to all the major donors of the year whose generous contributions benefited IIT Bombay in a significant way. Recognising the alumni community for their continued support and commitment to giving back, IIT Bombay honoured its top donors of 2025 by unveiling a **Donor Wall** on the occasion.

Acknowledging their selfless support, Prof. Kedare remarked, *"The contributions by these donors have helped the establishment of Centres of Excellence and Chair Professorships, as well as facilitated the enhancement of infrastructural facilities on campus and played a key role in student development. We are looking forward to more meaningful involvement of our Alumni in the future journey of IIT Bombay".*

A key highlight of the event was the **book launch by Mr. Kanwal Rekhi** (B.Tech., Electrical Engineering, 1967), a distinguished IIT Bombay alumnus and a globally renowned entrepreneur and mentor. His book, ***The Ground-breaker: Risks, Rewards and Lessons from a Legendary Entrepreneur,*** published by HarperCollins, reveals his inspiring journey from IIT Bombay to Silicon Valley. Released in late 2024/ early 2025.
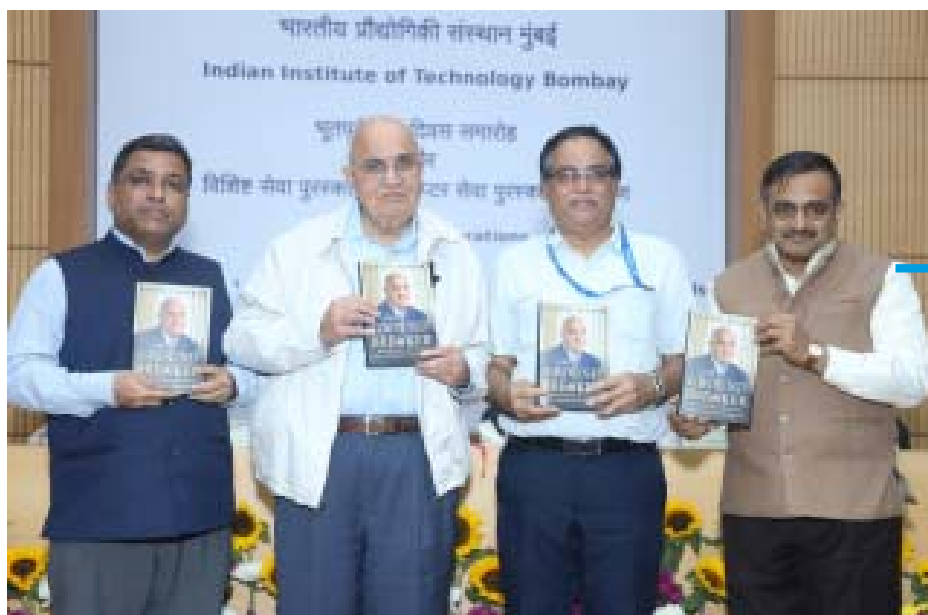
(From L-R): Prof. Upendra Bhandarkar, Dean (Alumni and Corporate Relations); distinguished alumnus Mr. Kanwal Rekhi; Prof.Shireesh Kedare, Director, IIT Bombay and Prof. Ravindra Gudi, Deputy Director (Finance, Infrastructure and Administration) during the launch of Mr. Rekhi's book

Institute functionaries and IITBAA members during felicitation of IIT Bombay alumnus Mr. Kirat Patel (center) on becoming the first Chairman Emeritus of the IIT Bombay Alumni Association

On the occasion, IIT Bombay also felicitated **Mr. Kirat Patel** (B.Tech., Mechanical Engineering, 1975, IIT Bombay) on becoming the *first* **Chairman Emeritus** *of the IIT Bombay Alumni Association*. The felicitation took place in the presence of senior IIT Bombay alumni, including **Mr. Ashok Kalbag, Mr. Narayan Sundaresean, Mr. Sudhir Nikam, Mr. Dhananjay Saheba, Ms. Zenobia Driver** and **Mr. Mohan Kavrie**.

The team of the IIT Bombay Alumni Association delivered a presentation on the activities carried out during the year 2025.

Mr. Shaji Varghese, CEO, Society for Innovation & Entrepreneurship (SINE), spoke on the recently launched Y-Point Venture Capital Fund, India's first incubator-linked deep tech VC fund. In his presentation, Mr. Shaji elaborated on how this landmark initiative aims to redefine the trajectory of India's deep tech startups by providing crucial capital at an early stage of their journey.

The event witnessed the launch of the **fifth edition** of **IIT Bombay's annual fund-raising campaign 'GO-IIT Bombay'** for the year 2025-26. The campaign is a concerted effort by the Institute to engage a wide spectrum of its alumni community. The Institute aims to harness the power of collective giving and welcomes all contributions towards the various causes that will propel IIT Bombay on its continued journey of excellence.

The **Silver Jubilee Batch (class of 2000)** has pledged a sum of Rs. 50 crores towards its Legacy Project. A Legacy Project is a project adopted by the batch celebrating its Silver Jubilee anniversary, for the betterment of the Institute and of the people associated with it, as a way of giving back to the alma mater and leaving behind a lasting legacy and remembrance of their silver jubilee reunion.

The funds raised by the Class of 2000 will help the Institute support key academic projects and the research landscape at IIT Bombay. The funds raised will also help drive IIT Bombay's ambitious 2030 vision of ranking among the world's top 50 universities and foster a legacy of excellence on the global stage.

Several Institute functionaries, alumni and their family members, faculty, staff and students attended the function.

The Silver Jubilee Batch (Class of 2000) has pledged Rs. 50 crores towards the Legacy Project

IIT Bombay Celebrates National Education Day 2025

Prof. M. Jagadesh Kumar, Chief Guest

Prof. Sachin Patwardhan, Dean (R&D)

IIT Bombay observed **National Education Day** on 11th November, 2025, commemorating the birth anniversary of *Maulana Abul Kalam Azad*, India's first Education Minister. **Prof. M. Jagadesh Kumar,** former Chairman, University Grants Commission, was the Chief Guest.

As part of the event, the following distinguished faculty members were honoured for their outstanding research contributions across diverse disciplines through the **Institute Research Awards 2024:**

Research Publication Awards - 2024

*   **Prof. Hrishikesh Gadgil**
    Department of Aerospace Engineering

*   **Prof. Santanu K. Ghosh**
    Department of Biosciences and Bioengineering

*   **Prof. Rajarshi Chakrabarti**
    Department of Chemistry

*   **Prof. Swagata Basu**
    Department of Civil Engineering

*   **Prof. Vikram Vishal**
    Department of Earth Sciences

Impactful Research Award 2024:

*   **Prof. Manish Kumar**
    Department of Civil Engineering

Early Research Achiever Award 2024:

*   **Prof. Srinivasan Ramakrishna**n | Department of Chemistry

*   **Prof. Swathy Manohar** | Department of Civil Engineering

*   **Prof. Gurminder Singh** | Department of Mechanical Engineering

Research Dissemination Award 2024:

*   **Prof. Pradip Kalbar** | Environmental Science and Engineering Department

*   **Prof. Swatantra Pratap Singh** | Environmental Science and Engineering Department

Prof. Krithi Ramamritham Award for Creative Research 2024:

*   **Prof. Sujoy Bhore**
    Department of Computer Science and Engineering

Institute functionaries including **Prof. Shireesh Kedare**, Director; **Prof. Milind Atrey**, Deputy Director (Academics, Research and Translation); **Prof. Ravindra Gudi**, Deputy Director (Finance, Infrastructure and Administration); Deans, faculty, staff members and students were present on the occasion.

IIT Bombay continues to celebrate innovation, research excellence and educational leadership, shaping India's scientific future!

IIT Bombay Unveils Its Strategy Plan 2026–2030 And Beyond

Dr. K. Radhakrishnan, Chairperson, BoG, IIT Bombay (center); Prof. Shireesh Kedare, Director, IIT Bombay, along with Institute functionaries, unveiling the Strategy Plan 2026–2030

Dr. K. Radhakrishnan, Chairperson of the Board of Governors, officially unveiled *IIT Bombay's Strategy Plan 2026–2030 & Beyond* on 8th December, 2025. The plan outlines a bold strategic direction to position the Institute among the world's leading technology universities by 2030, while strengthening its long-term leadership in education, research, innovation and societal impact with a strong emphasis on excellence.

The plan is anchored around three strategic themes as follows:

1. Learning-Centric Education

A transformative shift toward student-driven and experiential learning, complemented by global academic pathways through joint degree programmes and a significant expansion of digital education to reach learners worldwide through online degrees and certificate programmes.

2. Frontier Research Leadership

A focused push to elevate IIT Bombay's research presence in priority domains—including, but not limited to, AI/ ML, Climate Tech, Healthcare/ MedTech, Quantum Technologies, Semiconductors, Advanced Materials and Space and Defence. This will be enabled through world-class interdisciplinary centres and strategic faculty recruitment in high-impact areas.

3. Industry and Society Relevant Research and Translation

A commitment to enhancing real-world impact by deepening collaborations with industry, strengthening the startup ecosystem and accelerating the translation of research and innovation into market-ready and societal solutions.

These strategic themes are supported by six key enablers: strengthening faculty proposition; developing best-in-class infrastructure and a net-zero campus; modernizing management and processes; enhancing financial sustainability; deepening alumni and corporate engagement; and prioritizing the wellness of students, staff and faculty.

The Strategy Plan, approved by the IIT Bombay Board of Governors and developed with extensive inputs from faculty, students, alumni, industry partners and staff, provides a clear and ambitious roadmap for IIT Bombay's next phase of growth and global leadership.

SINE, IIT Bombay Launches India's First Incubator-Linked Deep Tech VC Fund Worth INR 250 Crore

Dr. K. Radhakrishnan, Chairperson, BoG, IIT Bombay (center); Director Prof. Shireesh Kedare (fifth from left), along with the Institute functionaries during the launch of India's first-ever deep tech venture capital fund, Y-Point Venture Capital Fund

The Society for Innovation and Entrepreneurship (SINE), IIT Bombay, *launched India's first-ever deep tech venture capital fund, **Y-Point Venture Capital Fund,*** which is managed by an academia-linked incubator on 9th December, 2025. With a total fund size of ***INR 250 crore***, this landmark initiative is set to redefine the trajectory of India's deep tech startups by providing crucial risk capital at an early stage of their journey.

For more than two decades, SINE IIT Bombay has been at the forefront of nurturing technological innovation, transforming groundbreaking research into viable enterprises. Having supported over 500+ startups, 1000+ innovators, SINE understands the unique challenges faced by deep tech ventures – from a longer gestation period, higher capital requirement, need for specialized mentorship and market access. The fund is a direct response to address these pain points and is designed to accelerate the journey of a startup from lab to market.

The fund will invest in deep tech startups emerging from IIT Bombay and other premier academic and research institutes. It will invest in pre-seed and seed stages across 25-30 startups with a maximum ticket size of INR 15 crore. It will give a big boost to India's fledgling deep tech ecosystem.

The fund will strategically invest in companies building products backed by fundamental research, with a keen focus on high-impact sectors, including AI (Artificial Intelligence), Advanced Computing Advanced Manufacturing, Advanced Materials Nuclear Technology, Space and Defence Technology Climate and CleanTech, Life Sciences and Healthcare

"The fund will serve as a catalyst for building global competitive ventures by leveraging the world-class talent, academic knowledge and cutting-edge research within IIT Bombay and other leading academic and research institutions in the country," stated **Dr. K. Radhakrishnan,** Chairperson, Board of Governors, IIT Bombay.

"SINE, as an incubator, has played a pivotal role in the development of the startup ecosystem in IIT Bombay. The fund will further enhance its role to speed up the journey from cutting-edge research to commercially viable products. Our fund will be the first institute-linked investment manager to back such promising ventures," stated **Prof. Shireesh Kedare**, Director, IIT Bombay.

"By supporting deep-tech ventures with strong intellectual property and societal impact, we aim to catalyze breakthroughs that address pressing challenges in areas like healthcare, sustainability and national security," said **Prof. Milind Atrey,** Deputy Director (ART), who was former Professor-in-Charge of SINE for 7 years.

"The fund has received approval from the Securities and Exchange Board of India (SEBI). It is registered as a Category II Alternative Investment Fund (AIF). Considering the overwhelming response from IIT Bombay alumni to participate in the fund and active interest from institutional investors and corporate partners, we are confident about closing the fund raise in the next 6-9 months," stated **Mr. Shaji Varghese,** CEO, SINE.

The fund will enable meaningful and sustained participation by the private sector in the innovation and entrepreneurship ecosystem of IIT Bombay.

This INR 250 Crore Deep Tech Fund marks a pivotal moment for SINE IIT Bombay and for India's aspirations to become a global hub for technological innovation.

IIT Bombay Inaugurates Hostel 19

Institute functionaries Dr. K. Radhakrishnan, Chairperson, BoG, IIT Bombay; Prof. Shireesh Kedare, Director; Prof. Subhasis Chaudhuri, Ex-Director; Prof. P. Vedgiri, Dean IPS along with other functionaries during inauguration of Hostel 19

A significant milestone in student infrastructure development was achieved with the ***inauguration of Hostel 19*** on 9th October, 2025, located adjacent to Hostel 18 in the IIT Bombay campus.

The event commenced with a ribbon-cutting ceremony followed by address by **Dr. K. Radhakrishnan,** the newly appointed Chairperson of the Board of Governors, IIT Bombay, **Prof. Shireesh Kedare,** Director; **Prof. Ravindra Gudi,** Deputy Director (Finance, Infrastructure and Administration); **Prof. Milind Atrey,** Deputy Director (Academics, Research and Translation); **Prof. Suryanarayana Doolla,** Dean (Student Affairs); **Prof. Atul Srivastava,** Associate Dean (Student Affairs); **Prof. P. Vedagiri,** Dean

(Infrastructure Planning and Support) and his team.

The Institute's Director Prof. Kedare appreciated the efforts of the Infrastructure Planning & Support Office and reaffirmed the Institute's commitment to continuously enhancing student residential facilities.

As part of the inauguration, Dr. K. Radhakrishnan, the new Chairperson of the Board of Governors, IIT Bombay, planted a sapling at the entrance of Hostel 19, under the *Ek Ped Maa Ke Naam campaign* - symbolizing a commitment to sustainability and environmental stewardship.

Hostel 19 proves IIT Bombay is committed to providing world-class residential and recreational facilities for its students.

Hostel 19 – Key Highlights:

Capacity and Design:

- Accommodates 1,051 students
- Designed to promote comfort, interaction and sustainability
- G+9 structure with a 3 lakh sq. ft. built-up area
- Courtyard-style layout for ample natural light and ventilation

Building Layout:

- Lower & Upper Ground Floors: Common facilities
- Dining Block Terrace: Recreational space for student activities

Dining/ Kitchen Features and Facilities:

- Dining hall capacity: 650 diners
- Fully equipped kitchen featuring cold storage, food preparation areas and serving zones

Additional Amenities:

- 24×7 cafeteria
- Gymnasium
- Indoor games rooms
- Music room
- Dance/Yoga room
- Computer/Study rooms

Lightning of the lamp at the hands of Dr. K. Radhakrishnan, Chairperson, BoG, IIT Bombay during inauguration of Hostel 19

Dr. K. Radhakrishnan, Chairperson, BoG, IIT Bombay, Prof. Shireesh Kedare, Director, IIT Bombay along with Institute functionaries during the unveiling of Hostel 19 plaque

Prof. P. Vedagiri, Dean (IPS) presenting an overview of Hostel 19 to Dr. K. Radhakrishnan, Chairperson, BoG, IIT Bombay and Prof. Shireesh B. Kedare, Director, IIT Bombay

Dr. K. Radhakrishnan Inaugurates IPC 2025, India's Largest Philosophy Meet In History With Over 800 Participants

Dr. K. Radhakrishnan, Chairperson, BoG, IIT Bombay, addressing the centenary edition of the Indian Philosophical Congress

Dr. K. Radhakrishnan, Chairperson, Board of Governors, IIT Bombay and **Prof. Shireesh B. Kedare,** Director, IIT Bombay, inaugurated the Centenary Session of the Indian Philosophical Congress (IPC 2025), hosted by the Department of Humanities and Social Sciences on 9th December, 2025.

Prof. Shrinivasa Varakhedi, Vice-Chancellor, Central Sanskrit University, graced the occasion as the Guest of Honour.

Founded by Nobel Laureate *Gurudev Rabindranath Tagore* and the eminent philosopher and former President of India *Dr. Sarvepalli Radhakrishnan,* the Indian Philosophical Congress is one of the country's oldest academic forums. Its first session was held in 1925 at the University of Calcutta, with participation from many of India's leading philosophers.

Prof. Vikram Singh Sirola, one of the Organising Secretaries of IPC 2025, introduced the centenary theme, *"Hundred Years of Indian Philosophy: Dialogue, Traditions, and Contemporary Challenges"*.

IPC 2025 marks the largest congregation of philosophers, researchers, and scholars in India to date, featuring over 450 peer-reviewed research paper presentations across multiple sectional sessions. The deliberations revisited the intellectual journey of Indian philosophy over the past century and initiated fresh dialogues on its contemporary relevance and future directions. The Congress covered key areas including classical Indian philosophical systems, indigenous knowledge traditions and modern Indian thought. Special sessions were also planned on the philosophy of science and technology, environmental ethics and artificial intelligence.

The centenary session concluded with a vote of thanks by **Prof. Rajakishore Nath**.

IIT Bombay Receives The Questel IP Excellence Award 2025

IIT Bombay has received the **Questel IP Excellence Award 2025**, recognizing the institute's outstanding performance in innovation and intellectual property creation. This award highlights IIT Bombay's strong and steadily growing patent portfolio, reflecting our continued commitment to impactful research, technology development and national innovation goals.

Based on a comprehensive assessment of Indian-priority patent applications published and granted between January 2024 and September 2025, IIT Bombay was selected among the Top 25 organizations for its exceptional contribution to India's intellectual property landscape and patent quality. This recognition is a testament to the dedicated efforts of our faculty, researchers, students and innovation ecosystem partners who continually advance technologies with real-world impact.

76th Constitution Day Celebration

Institute functionaries, Chief Guest, faculty and staff members participated in reading of the preamble during 76th Constitution

Mr. Vishwanath Giriraj, Chief Guest

IIT Bombay celebrated the **76th Constitution Day**, also known as *Samvidhan Divas*, reflecting the Institute's commitment to constitutional values on 26th November, 2025, at F. C. Kohli Auditorium, Kanwal Rekhi Building (KReSIT), IIT Bombay.

The event commenced with a collective reading of the Preamble led by **Ms. Shyama Iyer,** Ex National Training Coordinator, Spoken Tutorial, IIT Bombay.

The highlight of the event was a keynote address by the Chief Guest, **Mr. Vishwanath Giriraj,** IAS (Retd.), former Additional Chief Secretary and ex-Chairman of the Fifth State Finance Commission, Government of Maharashtra. His insightful talk on various aspects of the Indian Constitution, enriched by personal experiences from his distinguished career, provided a deep understanding of constitutional governance.

The observance concluded with a mass singing of Vande Mataram, marking 150 glorious years of the iconic national song, celebrating national unity and patriotism.

The event was attended by IIT Bombay functionaries, including **Prof. Shireesh B. Kedare**, Director; **Prof. Ravindra Gudi**, Deputy Director (Finance, Infrastructure and Administration); **Prof. Nand Kishore**, Dean (Administrative Affairs); **Prof. K.G. Suresh**, Chief Vigilance Officer; **Mr. Ganesh Bhorkade**, Registrar; **Mr. Chintamani P. Joglekar**, Joint Registrar (General Administration) and **Ms. Priyanka Atal**, Chief Legal Officer. Heads of Departments, Sections, faculty members, staff and a large number of students also attended.

On 26th November, 2025, the **Buddhist Cultural Association** at IIT Bombay celebrated the 76th Constitution Day with a **Constitution Glory Procession** from Main Gate to the Nandan Nilekani Main Building. Various organizations, including NASA, MKS, OBC and the Sthaniya Lokadhikar Samiti, actively participated in organizing the rally successfully. All attendees recited the Preamble of the Constitution. **PM SHRI Kendriya Vidyalaya, IIT Powai** and **IIT Bombay Campus School** too organized a series of activities.

On 12th December, 2025, **Shri Ramdas Athavale,** the Minister of State for Social Justice and Empowerment inaugurated a new statue of *Dr. B.R. Ambedkar* at the basement of the Nandan Nilekani Main Building, IIT Bombay. **Prof. Shireesh Kedare,** Director, welcomed him.

Swachhata Pakhwada 2025

As part of the nationwide initiative of **Swachhata Pakhwada,** IIT Bombay actively participated in the 9th edition of **Swachhata Hi Seva (SHS) 2025**, under the aegis of Swachh Bharat Mission, Government of India. The campaign was observed during 17th September-2nd October, 2025, with the theme *'Swachhotsav'.*

The Institute organized a series of events, including cleanliness drives, awareness campaigns and interactive sessions to promote a culture of hygiene and environmental responsibility among students and staff.

Key Highlights:

Swachhata Pledge: Employees of IIT Bombay took the Swachhata Pledge, emphasizing their commitment to cleanliness on campus. **Mr. C.P. Joglekar,** Joint Registrar (General Administration) administered the pledge to all employees.
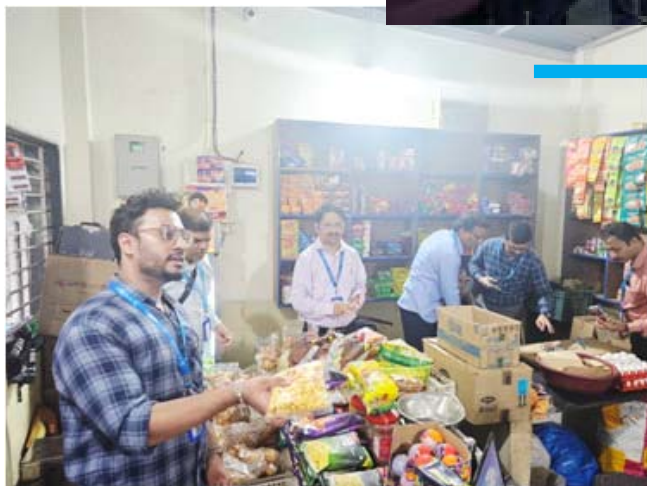
Plastic-Free Campus Awareness Drive: IIT Bombay residents came together to promote the importance of food safety, hygiene and sanitation, while advocating for a plastic-free campus. They visited various shops and establishments within the campus to spread awareness and reaffirm their collective commitment to the vision of a Swachh and Swasth Bharat through responsible and sustainable actions.

Mega Cleanliness Drive: As part of SHS 2025, a nationwide voluntary shramdaan – *"Ek Din, Ek Ghanta, Ek Saath",* IIT Bombay witnessed active participation from nearly 100 participants, including faculty, officers, staff and campus residents. Together, they cleaned a total area of 8800 square meters and collected nearly 400 kgs of waste.

Campus Cleaning Initiatives: The Public Health Office (PHO) organized regular drives to ensure overall cleanliness and proper maintenance of departmental and sectional premises, including washrooms, common areas and surroundings. These drives also ensured the secure disposal of scrap, old documents and chemical or biowaste as per standard procedures, along with the timely removal of wet and dry waste, junk furniture, unauthorized cycles, garden waste and construction debris.

Safai-Mitra Suraksha Shivir and Dignity Camps: The PHO organized various workshops for the housekeeping staff and workers of the Institute, focusing on their physical health and mental well-being. Preventive healthcare screenings, counselling sessions on Stress Management, vaccinations of TT (Tetanus and Typhoid) and informative sessions on welfare schemes from governments, were conducted.

Student Initiatives: Various student-led hygiene and awareness campaign activities were conducted, including Zero Waste Week, a Cyclothon and Nukkad Natak (Street Play).

Competitions: Campus School and PM SHRI Kendriya Vidyalaya at IIT Bombay, both organized various competitions on environmental topics, including cleanliness, Best Out of Waste and the elimination of single-use plastics, to engage students creatively.

The campaign culminated with the distribution of Swachhata Pakhwada Awards, on 1st October.

Overall, the Swachhata Pakhwada celebrations at IIT Bombay concluded successfully, reinforcing the Institute's commitment to cleanliness and environmental sustainability.

IIT Bombay Celebrates Swachhotsav 2025

IIT Bombay organized *Swachhotsav 2025* on 1st October, 2025. The event was graced by **Prof. Ramesh Venkateswaran**, Adjunct Faculty (Marketing), IIM Bangalore; Ex-Chairman (Board of Governors), IIT Palakkad and IIT Bombay alumnus, as the Chief Guest.

The programme featured the presentation of the *Institute Cleanliness Awards 2025*, recognizing the efforts of departments, Section 8 companies, hostels, non-academic units and student winners of Swachhata Pakhwada 2025 competitions.

As part of the **Clean Campus Drive (Phase 3)**, all units were evaluated from 17th–24th September 2025 and the **following sections were selected for the awards based on the evaluation committee's recommendations:**

Director Prof. Shireesh Kedare felicitating the Chief Guest Prof. Ramesh Venkateswaran, Adjunct Faculty (Marketing), IIM Bangalore; Ex-Chairman (Board of Governors), IIT Palakkad; and IIT Bombay alumnus

Swachhotsav 2025 is part of the nationwide Swachhata Hi Seva (SHS) campaign, led by the Department of Drinking Water & Sanitation and the Ministry of Housing & Urban Affairs. This year's theme, *"Swachhotsav"*, emphasizes the fusion of festive spirit with the responsibility of cleanliness.

Through this initiative, IIT Bombay reaffirms its commitment to a clean, green and happy campus, encouraging every member of its community to contribute to sustainability and environmental responsibility.

Winners of Clean Campus Drive Phase-III

Sections	1st Position	2nd Position	3rd Position
Academic Units	Department of Civil Engineering	Department of Economics	Department of Aerospace Engineering
Non-Academic Units	Hospitality Section	Materials Management Division	Industrial Research and Consultancy Centre (IRCC)
Section 8 Companies	Society for Innovation and Entrepreneurship (SINE)	IITB-Monash Research Academy	IIT Bombay Research Park Foundation (IITB-RPF)
Hostels	Hostel 11	Hostel 16	Hostel 10
Zonal Areas of Junior Engineers	Zone 15	Zone 2	Zone 10

Excellence in Coordination and Support for Swachhata Pakhwada 2025

Dean (Infrastructure Planning and Support)	Materials Management Division	Estate Office
Publications & Public Relations Office		Public Health Office

Photo Drive Link : https://drive.google.com/drive/folders/1aj1qaK-V7QZOz-wUIDMR0hO8sLBmKNXY?

Three-day International Conference On "Role Of IPR (Intellectual Property Rights) In Promoting Indigenous Knowledge System (IKS) And Viksit Bharat"

IIT Bombay hosted a three-day International Conference on **"Role of IPR (Intellectual Property Rights) in Promoting Indigenous Knowledge System (IKS) and Viksit Bharat"** between 26th–28th November, 2025. The conference brought together leading experts from industry, academia, policymakers, practitioners, innovators and representatives of indigenous communities to discuss the role of IPR in safeguarding and leveraging indigenous knowledge for nation's development.

Eminent personalities like **Dr. A.P. Singh** (Director General-RRRLF, Ministry of Culture, Government of India), **Padma Shri Girish Prabhune, Dr. Gajanan Dange, Prof. Prafulla Agnihotri** (Director, IIM Sirmaur), **Prof. Ujwala Chakradeo** (Vice Chancellor, SNDT Women's University), **Dr. Dinesh Patil** (Jt. Controller of Patents & Designs, Government of India) and **Adv. Ganesh Hingmire** addressed the gathering through their plenary and keynote talks.

In addition, panel discussions on Geographical Indicators and strategies for the integration of IKS into India's innovation ecosystem for shaping the vision of Viksit Bharat were the highlights of the conference. International and national delegates presented papers (75+) on Indigenous Knowledge Systems, IPR Frameworks, Technology and Digital Transformation, Community Empowerment through IPR and Policy and Institutional Support.

Prof. Shireesh Kedare, Director of IIT Bombay, emphasized that India's rich traditional knowledge and heritage hold immense potential in achieving the goal of Viksit Bharat. **Dr. Ranjit Kumar Das**, Assistant Librarian Selection Grade, Head, Technical Processing Section, Central Library and Nodal Officer IIT Bombay for **Database of Research Scholars (**DBRS) was the Convener.

IIT Bombay Celebrates International Day Of Persons With Disabilities (IDPD) 2025

The **PWD Cell (Persons with Disability), IIT Bombay,** commemorated the **International Day of Persons with Disabilities (IDPD) 2025** on 3rd December at the IDC Auditorium, reaffirming the Institute's commitment to fostering an inclusive and accessible campus environment. The event brought together students, staff, faculty and invited guests.

The program commenced with an inspiring welcome address by the Guest of Honour **Prof. Shireesh Kedare,** Director, IIT Bombay, who emphasized the Institute's unwavering dedication to strengthening support systems for persons with disabilities. This was followed by a thought-provoking keynote address by **Dr. Ravi Prakash Singh**, Officer Incharge NIEPID Regional Centre, Navi Mumbai.

A deeply moving segment of the event featured three IIT Bombay staff members, who shared personal experiences of living and working with disabilities. Their narratives underscored the importance of empathy, sensitivity and community support within institutional spaces. The celebration was enriched by a special cultural performance by children from NIEPID, whose vibrant presentation brought warmth and joy to the audience. The Institute was also honoured to host 50 students from **National Institute for Empowerment of Person with Intellectual Disabilities (NIEPID)** and the **Helen Keller Institute for Deaf and Dumb,** whose enthusiastic participation made the occasion especially meaningful.

The event concluded with an engaging panel discussion on building an inclusive and accessible campus.

Hindi Pakhwada -2025

IIT Bombay observed **Hindi Pakhwada 2025** during 14th - 30th September, organizing a series of events aimed at promoting the use of Hindi and highlighting its cultural and national importance.

The celebrations aligned with the national-level observance of **Hindi Diwas**, inaugurated at Gandhinagar, Gujarat, where the Department of Official Language hosted the 5th Akhil Bharatiya Rajbhasha Sammelan on 14th–15th September 2025.

As part of the fortnight,the Institute conducted following events:

Hindi Seminar: A Hindi seminar titled *"Reading Culture Among Youth: The Foundation of a Strong Nation"* was conducted on 22nd September, 2025. **Prof. Milind Sudhakar Marathe,** Chairman of the National Book Trust, emphasized the role of reading in nation-building. **Prof. Shireesh B. Kedare,** Director of IIT Bombay, highlighted the enduring value of books in personal and intellectual growth.

Hindi Book Exhibition: The Central Library organized a two-day Hindi Book Exhibition during 22nd–23rd September, showcasing diverse works that reflected the depth of Hindi literature.

Competitions: A variety of competitions were held for students of the IIT Bombay Campus School, including poetry and doha recitation, essay writing, reminiscence writing, and Hindi debate for Institute students. For staff members, essay writing contests, quizzes on the Official Language and current affairs, and practical sessions on noting, drafting and letter writing to strengthen Hindi proficiency.

Hindi Workshop: A key feature of the celebration was a Hindi Workshop conducted by **Mr. Aftab Alam,** Hindi Officer at IIM Mumbai, on 26th September. The session focused on Hindi e-tools and effective implementation of the Official Language in administrative work.

Closing ceremony: The celebrations concluded on 30th September with a vibrant cultural evening featuring Hindi songs, followed by the award distribution ceremony. **Prof. Sandeep Verma** from Indian Institute of Management Mumbai graced the occasion as Chief Guest. IIT Bombay functionaries, including **Prof. Nand Kishore,** Dean (Administrative Affairs (AA)); **Prof. S.V. Kulkarni,** former Dean (AA); **Mr. Ganesh Bhorkade,** Registrar; **Mr. C. P. Joglekar,** Joint Registrar (General Administration), **Ms. Vrushali Sansare,** Sr. Assistant Registrar (Internal

Chief Guest Prof. Milind Sudhakar Marathe, Chairman of the National Book Trust, Ministry of Education, Government of India, during the Hindi seminar celebrations with IIT Bombay Director Prof. Shireesh Kedare

Audit) and **Ms. Vaishali Bahulkar,** Hindi Officer, were present.

The Institute felicitated **Prof. Sudarshan Kumar,** Dean (International Relations) and **Dr. Ranjit Das** (Assistant Librarian Selection Grade, Head, Technical Processing Section, Central Library & Nodal Officer, IIT Bombay for Database of Research Scholars for their outstanding contribution to Official Language publicity. Awards were also presented to departments and sections for exemplary implementation of Hindi:

Departmental Awards:

- ♦ Department of Earth Sciences - **Prof. M. Radhakrishna** (HoD)
- ♦ Department of Aerospace Engineering - **Prof. A. M. Pradeep** (HoD)
- ♦ Department of Industrial Engineering and Operations Research (IEOR) - **Prof. Mallikarjuna Rao** (HoD)

Section Awards:

- ♦ IIT Bombay Hospital – **Dr. Arvind Meshram** (Chief Medical Officer)
- ♦ Estate Office – **Mr. Vijay Kowe** (Deputy Registrar)
- ♦ Hospitality – **Mr. Sanjay Bhingarde** (Manager)

Additionally, staff members were recognized with certificates and cash prizes for their efforts in Hindi noting, drafting, register management, service book entries and Hindi typing.

IIT Bombay's Hindi Pakhwada 2025 successfully reinforced the Institute's commitment to promoting the use of Hindi and fostering appreciation for its linguistic and cultural heritage.

Observation Of Vigilance Awareness Week And National Unity Day 2025

As part of the nationwide observance, IIT Bombay observed **Vigilance Awareness Week** during 27th October to 2nd November, 2025 on the theme *"Vigilance: Our Shared Responsibility"*. The Institute also celebrated National Unity Day on 31st October, commemorating the birth anniversary of Iron Man of India, Sardar Vallabhbhai Patel.

A number of events were organised on the occasion, including:

☐ **Seminar on Preventive Vigilance:** As a prelude to Vigilance Awareness Week 2025, the Central Vigilance Commission has desired that all organizations may undertake a three-month campaign (18th August – 17th November 2025) on Preventive Vigilance with a focus on five areas:

i. Disposal of pending complaints
ii. Disposal of pending cases
iii. Capacity Building programs
iv. Asset Management
v. Digital Initiative

Accordingly, a seminar on Preventive Vigilance was organized for Institute members on 18th September, 2025. The session was addressed by **Dr. Lakshmanan Dorairajan,** Advisor (F&A), IIT Bombay, on the said topic. Institute employees attended the session in large numbers.

☐ **Administration of Integrity Pledge**: IIT Bombay staff undertook a pledge on 29th October, 2025 to promote integrity in public life and achieve a corruption-free society by fostering a culture of honesty and integrity and to remain committed to

Prof. K.G. Suresh, Chief Vigilance Officer briefing the attendees about the importance of eradicating corruption

transparency, accountability and fairness through good governance practices.

The '**Integrity Pledge**' was administered to employees of IIT Bombay in Hindi by **Mr. C.P. Joglekar,** Joint Registrar (General Administration) and in English by **Ms. Falguni Banerjee Naha,** Public Relations Officer. **Mr. Ganesh Bhorkade,** the Registrar was also present on the occasion. **Prof. K.G. Suresh,** the Chief Vigilance Officer, briefed the attendees about the importance of eradicating corruption.

☐ **Essay-writing competition:** The Vigilance Cell of IIT Bombay, organised an essay-writing competition for the campus community on the topic *"Your honest suggestions in making India corruption-free".*

Attendees undertook the Integrity pledge

Ministry Of Education Reviews Bharat Innovates 2026

Dr. Vineet Joshi along with Institute functionaries and Ministry officials during Bharat Innovates 2026 review meeting

A review meeting for the **Bharat Innovates 2026** initiative was held at IIT Bombay on 9th October, 2025. **Dr. Vineet Joshi,** Secretary, Ministry of Education, led the meeting. **Mr. Priyank Chaturvedi,** Director of Higher Education, accompanied him. Joint secretaries **Ms. Saumya Gupta** and **Mr. Armstrong Pame** joined online. Directors from various IITs across the country participated virtually in this important discussion.

Prof. Milind Atrey, Deputy Director (Academics, Research and Translation); **Prof. Ravindra Gudi**, Deputy Director (Finance, Infrastructure and Administration); **Prof. Leena Vachhani,** Associate Dean (Research and Development); **Mr. Ganesh Bhorkade**, Registrar; **Prof. Sankalp Pratap, Prof. Ramesh Kuruva, Prof. Rohan Chinchwadkar** and **Mr. Prasad Shetty** from Society for Innovation & Entrepreneurship (SINE), IIT Bombay attended the meeting.

Discussions focused on the progress of Bharat Innovates 2026 and planning the next steps to ensure its successful implementation.

Bharat Innovates 2026 is sponsored by the Ministry of Education, Government of India, with strategic guidance from the Principal Scientific Adviser. It is designed to provide a global platform to deep-tech innovations being nurtured at Higher Education Institutions and Centrally Funded Technical Institutes in the country.

The initiative aims to showcase the top 100 deep-tech ventures across 13 different technology themes at a Global Innovation Showcase in Nice, France during 17th-19th June, 2026. Selected innovations will receive strategic support to refine their value proposition, access global markets and partnerships, and secure investment from international investors.

Ground-Breaking Ceremony - New Hostel Buildings 12E And 14D

A significant milestone in student infrastructure development was marked with the *ground-breaking ceremony of Hostel Buildings 12E and 14D*, located adjacent to the existing 12D Wing.

The event was graced by the august presence of **Prof. Shireesh Kedare**, Director; **Prof. K.V. Krishna Rao,** former Deputy Director (Finance, Infrastructure and Administration); **Prof. Milind Atrey**, Deputy Director (Academics, Research and Translation); **Prof. Suryanarayana Doolla**, Dean (Student Affairs); **Prof. Atul Srivastava**, Associate Dean (Student Affairs); **Prof. P. Vedagiri**, Dean (Infrastructure Planning and Support (IPS)) and his team along with other distinguished guests.

Director Prof. Shireesh Kedare presenting an overview of New Hostel Buildings 12E and 14D

The ceremony began with a ceremonial address and a symbolic groundbreaking. **Prof. Vedagiri** delivered the welcome address and highlighted the salient features of the hostel 12E and 14D project. **Prof. Rao, Prof. Atrey, Prof. S. Sudarshan,** former Deputy Director (AIA) and **Prof. Tom Mathew,** former Dean (IPS) spoke about the project. Prof. Kedare appreciated the efforts of the Dean IPS office team and highlighted the Institute's continued commitment to enhancing student living facilities.

Hostel 12E, comprising 341 rooms and Hostel 14D, comprising 162 rooms, will add 18,896 square meters of built-up area to the campus infrastructure. The new hostels are thoughtfully designed to provide modern, comfortable and well-equipped accommodation, aiming to enrich the residential experience for students.

This upcoming hostel forms part of the Institute's broader plan to expand and modernize its facilities in line with growing student intake and evolving campus needs.

Director Prof. Shireesh Kedare, along with the Institute functionaries, during the ground-breaking ceremony

IIT Bombay's E-Summit Steps Into Its Third Decade

Anil Agarwal, Founder of Vedanta Resources, delivered a thought-provoking session on leadership, nation-building and long-term vision

The **21st edition of E-Summit,** organised by **E-Cell IIT Bombay** on 11th–12th December, 2025, marked a historic milestone as Asia's largest student-run entrepreneurship conclave entered its third decade bringing together entrepreneurs, investors, policymakers, students and industry leaders across the country to celebrate innovation, leadership and scale.

Gusteau Foods Private Limited won 35 lakhs of Investment at 'The Ten Minute Million' startup event organized by IIT Bombay as part of E-Summit

Smt Smriti Irani, Former Union Minister, spoke on governance, resilience and creating impact at scale
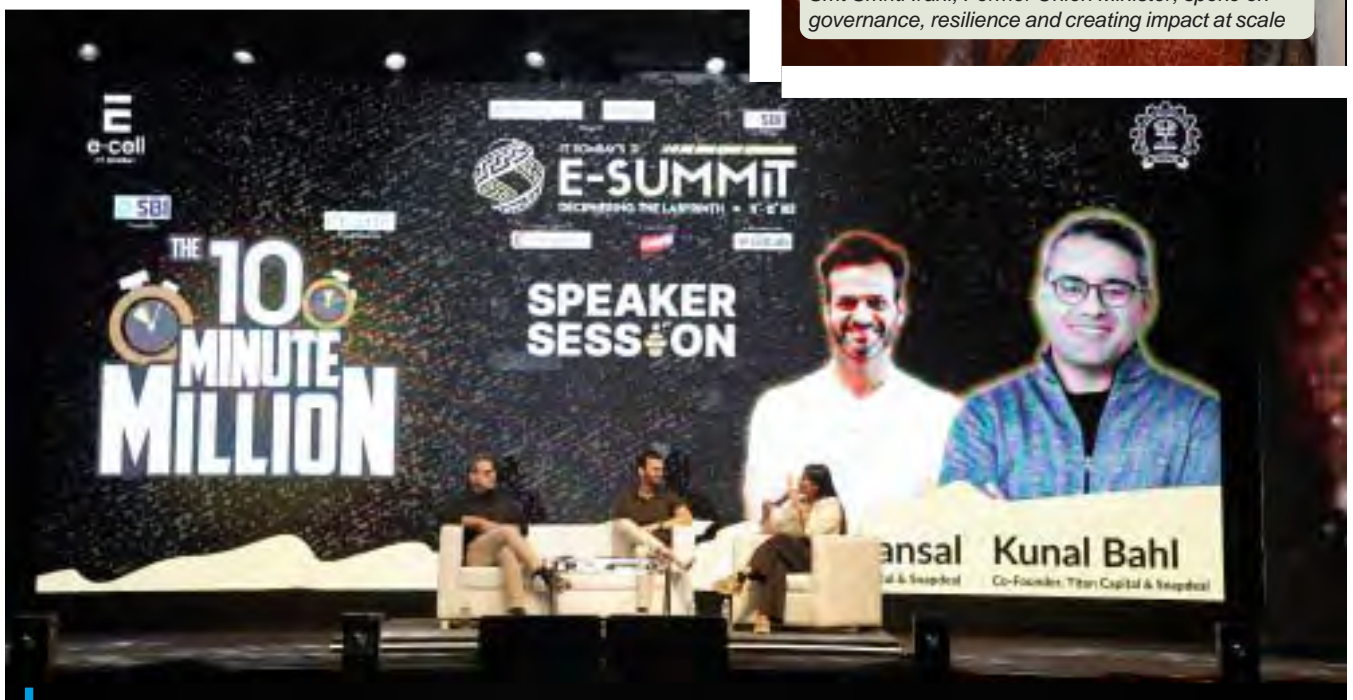
Kunal Bahl and Rohit Bansal, Co-founders of AceVector and Titan Capital, shared founders' insights on scaling startups, resilience and building for the long run

Aman Gupta, Co-founder & CMO of boAt, spoke on brand-building and entrepreneurship

Benedetto Vigna, CEO of Ferrari, offered a rare perspective on leading an iconic global brand with precision and purpose


YouTubers Nischay Malhan and Ruchika Rathore shared honest creator journeys, real moments and stories that truly resonated

Rubika Liyaquat, Consulting Editor at News18 India, spoke on the vital role of media in shaping India's entrepreneurial revolution

Nandita Sinha, CEO of Myntra, shared sharp insights on consumer behaviour, leadership and scaling digital platforms
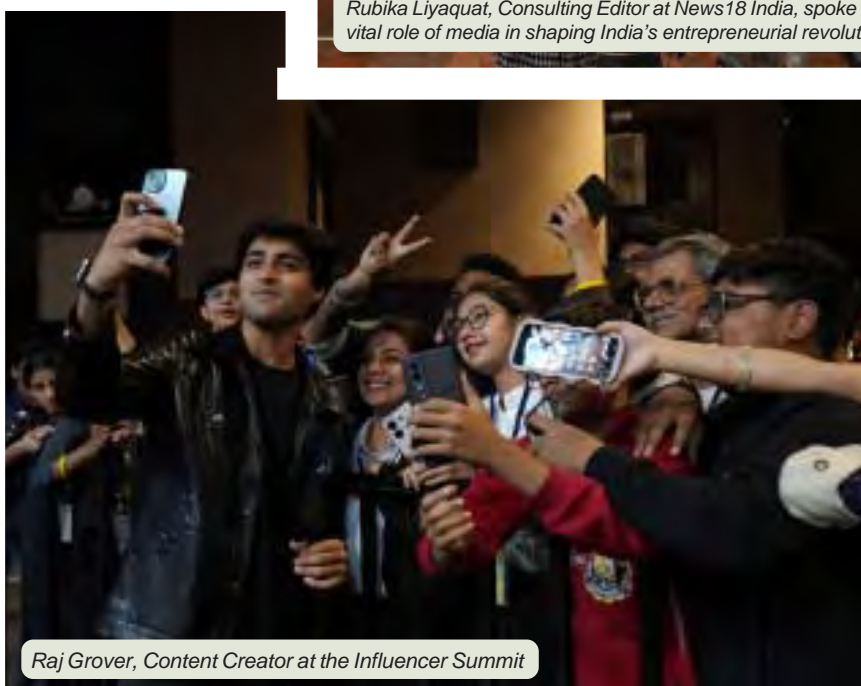
Raj Grover, Content Creator at the Influencer Summit

Mood Indigo 2025

Electrifying moves, unstoppable energy, and roaring cheers as the Mood Indigo parade owned the streets
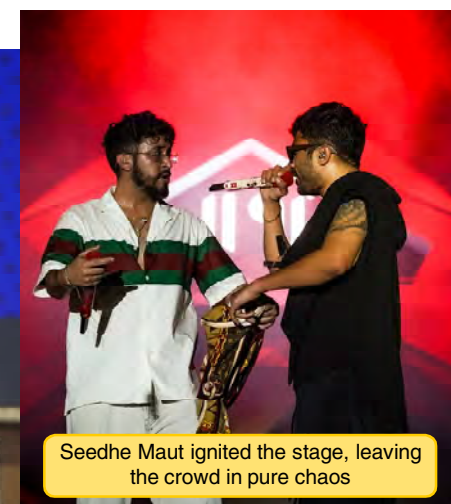

Actor Rakul Preet Singh lit up the evening with charm and grace

Seedhe Maut ignited the stage, leaving the crowd in pure chaos
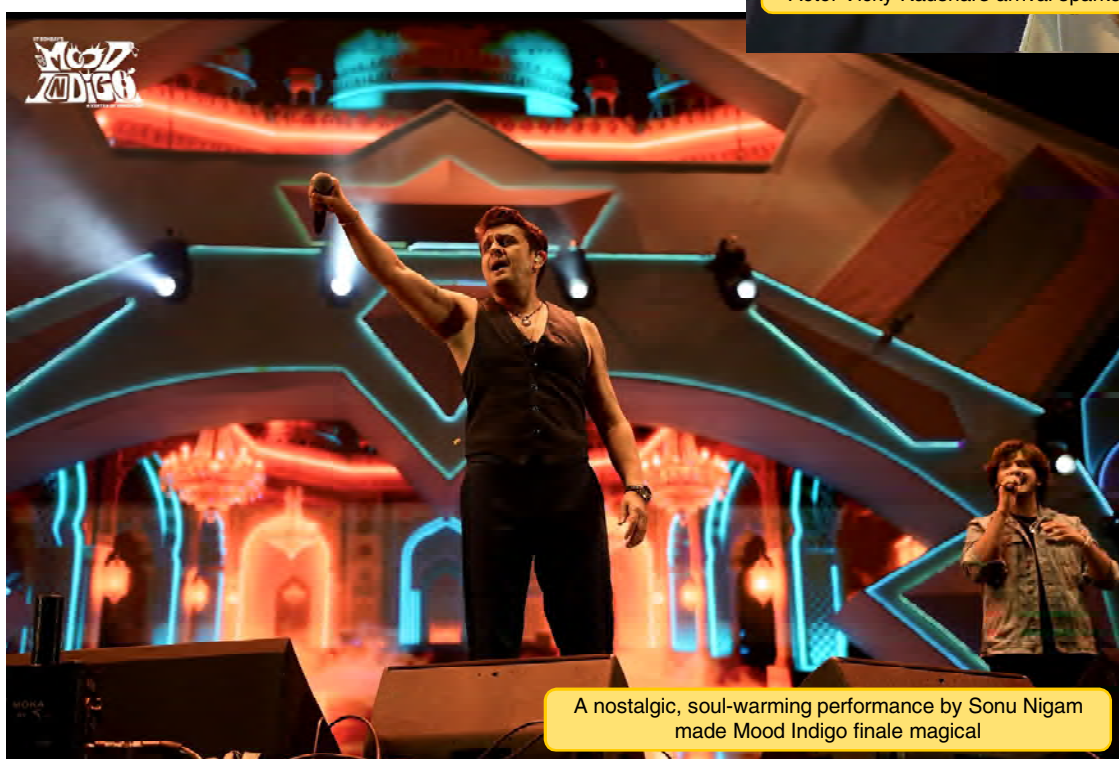

From jokes to unforgettable moments, Archana Puran Singh, Kiku Sharda and Krushna Abhishek had the crowd in splits

Vivek Samtani and Kaustubh Agarwal turned Humourfest into a full-blown comedy riot

Actor Vicky Kaushal's arrival sparked a euphoric frenzy
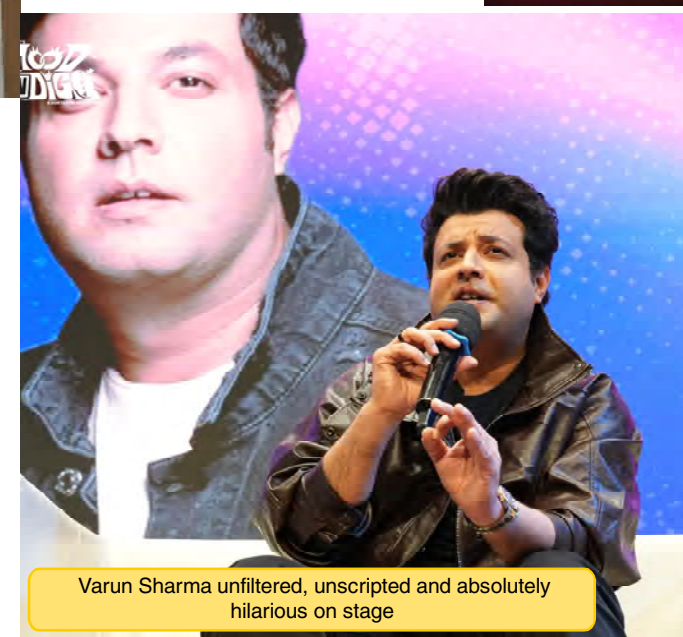
Varun Sharma unfiltered, unscripted and absolutely hilarious on stage

An afternoon of witty banter, infectious laughter and endless energy with Vir Das, Mona Singh and Mithila Palkar

The 55th edition of Mood Indigo, Asia's largest college cultural festival, was held during 16th–18th December, 2025 at IIT Bombay. Embracing the theme "A Vortex of Vandalism", the campus came alive as a dynamic blend of colours, traditions and cultural expressions, delivering a truly memorable experience for all.

A nostalgic, soul-warming performance by Sonu Nigam made Mood Indigo finale magical

Vogue at Mood Indigo — where style takes the spotlight

A soul-stirring performance by Dhruv captured every heart

TechFest 2025

Techfest 2025, the annual science and technology event of IIT Bombay, hosted a spectacular three-day celebration during 22nd-24th December, 2025. The festival brought together thousands of participants from around the world, offering a dynamic platform for learning, collaboration and showcasing cutting-edge advancements

Mr. Nitin Gadkari

Shri Nitin Gadkari, Union Minister of Road Transport & Highways, Government of India

Mr. N. R. Narayana Murthy

General Anil Chauhan, PVSM UYSM AVSM SM VSM, Chief of Defence Staff

Unitree G1 — the humanoid robot

India's Gaganyaan mission crew

Indian astronauts (Gaganyatris) Group Captains Prasanth Nair, Shubhanshu Shukla and Angad Pratap participated in Space Symposium during Techfest

Porsche 911 Carrera and Toyota LC300 at Auto Expo 2025

Pokémon Fiesta

L70 Bofors gun at the Techfest Defence Expo 2025
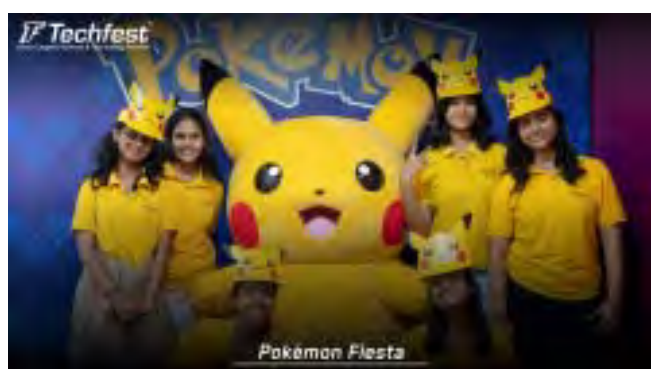
The crowd witnessed an adrenaline-charged spectacle at International Full Throttle

IIT Bombay Hosts Translational Research SATU Network Meeting 2025

IIT Bombay, as the Chair University of the *South and Southeast Asia and Taiwan Universities (SATU) Presidents' Forum,* successfully hosted the **Translational Research SATU Network Meeting 2025** during 9th-13th November. The event brought together 41 delegates from 22 universities across nine countries to strengthen regional collaboration in innovation, entrepreneurship and translational research.

Over five days, participants engaged in presentations, panel discussions, lab visits, cultural activities and a World Café session that shaped proposals for a SATU whitepaper and strategic roadmap.

Reflecting on the gathering, **Prof. Sudarshan Kumar**, Dean (International Relations) said, *"The meeting demonstrated the tremendous potential of our region when we come together with purpose and vision.We remain committed to translating knowledge into meaningful societal impact".*

IIT Bombay also announced it will host the SATU Semiconductor Gathering on 17th-18th March, 2026, further expanding collaborative opportunities across the SATU network.

IIT Bombay Joins Global Innovation Dialogue At DPI Partners Council 2025

IIT Bombay, through its International Relations Office, has been actively forging global partnerships with other educational institutions, with an aim to drive and capture the value of the knowledge economy across national borders.

The Discovery Partners Institute (DPI), part of the University of Illinois System, is a consortium of global universities to which IIT Bombay has been recently invited. DPI works in the areas of applied R&D, business building and tech talent development in collaboration with a total of 19 academic and research partners, which include

Sixth DPI Partners annual council meeting held at Cardiff University

universities from the USA, UK, Singapore, Taiwan, Germany, Mexico and India. The sixth DPI Partners annual council meeting was held at Cardiff University on 11th - 12th September, 2025, in which IIT Bombay participated actively.

On the first day, IIT Bombay Director, **Prof. Shireesh Kedare** held center-stage in the Presidential Roundtable titled **"Social Media - freedom of expression or a platform for repression?".** He was joined by **Wendy Larner** (President/Vice-Chancellor, Cardiff University), **Timothy L. Killeen** (President, University of Illinois System), **Ariel Porat** (President, Tel Aviv University), **Sabine Brock** (Deputy Chief Technology Officer, Deutsches Elektronen-Synchrotron), and **William Lee** (Vice President for International Affairs, Universidad Nacional Autonoma de Mexico). The day concluded with a congregation of the council members discussing various forms of collaboration at the historic Cardiff Castle.

On the second day, the newly added **"Innovation & Entrepreneurship (I&E) Council"** of the DPI was

unveiled. Notably, **Prof. Milind Atrey,** Deputy Director (Academics, Research and Translation, IIT Bombay) assumed the charge as the introductory chairperson (2025-2027) of the I&E Council.

Prof. Atrey shared his vision and associated plans to drive synergy through the I&E Council for the next two years. During his presentation, he also introduced @Bharat Innovates 2026, a path-breaking MoE initiative which aims to take India's deep-tech innovations global.

Finally, **Prof. Sankalp Pratap** (DSSE, IIT Bombay) moderated a panel discussion titled, **"Translation: multi-dimensionality of challenge across activity and technology domains"** which included **Prof. Lucia Vazquez** (Associate Vice Chancellor for Research and Innovation, University of Illinois Springfield), **Prof. Jeff Terry** (Vice Provost for Research, Illinois Institute of Technology), **Mr. Hagai Itkin** (Director of Industry Relationships, Tel Aviv University) and **Prof. Roger Whitaker** (Pro Vice-Chancellor for Research, Innovation and Enterprise, Cardiff University).

With innovation and entrepreneurship gaining primacy in the Indian economy, IIT Bombay will continue to forge international partnerships to decode and propagate the science behind translation and venture creation to unlock the technological might of India's higher education institutes.

IIT Bombay Hosts 3rd Annual SemiX Summit:
Spotlights Progress In India's Semiconductor Ecosystem

SemiX, the Centre for Semiconductor Technologies at IIT Bombay, successfully organized the *3rd Annual SemiX Summit* on its campus during 25th-26th September, 2025. The event attracted over 500 delegates from industry, government, academia, including over 300 students from IIT Bombay and other colleges.

Dignitaries **Mr. Sushil Pal**, Joint Secretary, MeiTy; **Mr. Shivkumar Kalyanaraman,** CEO of ANRF and **Mr. Deependra Singh Kushwah,** Development Commissioner at the Directorate of Industries, Government of Maharashtra, emphasized central and state governments' commitment to the Indian semiconductor sector and the role of SemiX as a key institution that brings multiple contributors and stakeholders together towards fulfilling India's Semiconductor Mission.

Prof. Shireesh Kedare, Director of IIT Bombay, announced the transformation of SemiX at IIT Bombay from a Research Centre to India's first Academic Centre for semiconductor education and research, encompassing multiple domains of engineering and technology.

Prof. Udayan Ganguly, the Professor in-Charge of SemiX, announced upcoming investments in semiconductor infrastructure for hands-on semiconductor manufacturing learning, a University Affiliate Program to expand the nationwide education outreach with a Hub and Spoke model and a pre-incubation pilot to accelerate translational research to startups.

Prof. Swaroop Ganguly and Mr. Deependra Singh Kushwah

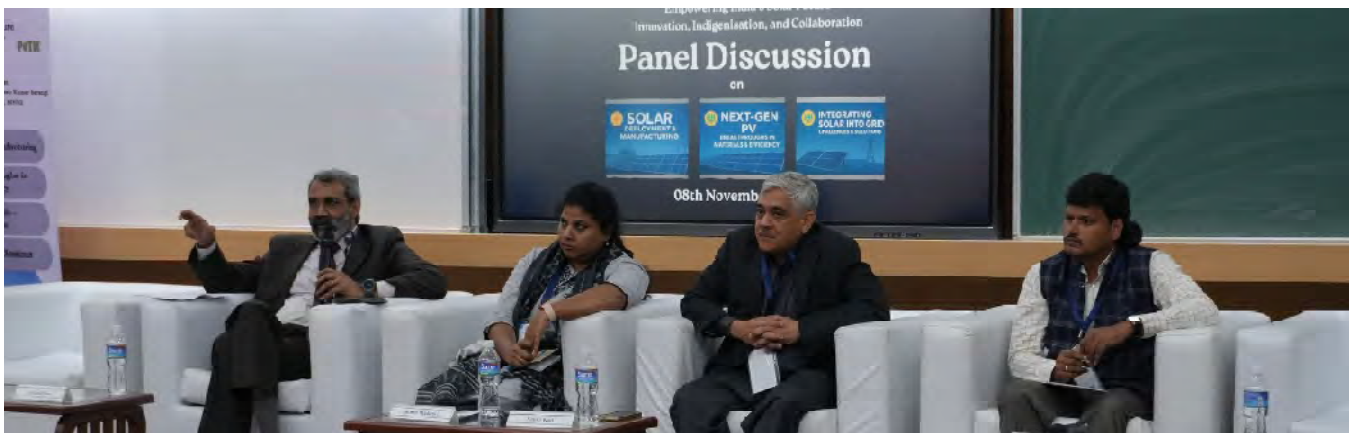## Industry Day On 'Empowering India's Solar Future (EISF) - Innovation, Indigenisation And Collaboration'

IIT Bombay's - Industrial Research and Consultancy Centre (IRCC) and **National Centre for Photovoltaic Research and Education (NCPRE)** hosted the Industry day on *'Empowering India's Solar Future (EISF) - Innovation, Indigenisation, and Collaboration'* on 8th November, 2025.

Mr. Santosh Kumar Sarangi, Secretary, Ministry of New and Renewable Energy (MNRE), graced the event as the Chief

Mr. Santosh Kumar Sarangi along with Institute functionaries

Guest. Mr. Sarangi highlighted India's rise as the world's third-largest solar power producer and stressed the need for major renewable investments to achieve the 2070 net-zero and Viksit Bharat 2047 goals. Also, Mr. Sarangi *inaugurated the ART-PV India and Module Simulator Facility at NCPRE*, further enhancing India's capabilities in renewable energy research, development, and testing infrastructure.

The event brought together leaders from academia, industry, and policy to discuss key areas such as Solar Deployment and Manufacturing, Next-Gen PV and Solar Grid Integration. It featured insightful talks highlighting IIT Bombay's research, followed by engaging panel discussions with industry experts on shaping future pathways in these domains. Visits to IIT Bombay's Silicon Fabrication Lab, Characterization Lab, Tandem Device Lab, Module Lab and Power Electronics Lab, were organized.

Insights from Industry Day On 'Empowering India's Solar Future (EISF) - Innovation, Indigenisation And Collaboration' showcasing thought-provoking presentations and interactive panel discussions with industry experts

IIT Bombay Celebrates Mental Health Week 2025

The **Student Wellness Centre (SWC), IIT Bombay** celebrated the **Mental Health Week** (6th-11th October, 2025) to promote well-being, mindfulness and community connection among students. The week-long celebration featured several activities combining relaxation, introspection and creativity with over 600 students participating. The activities aimed to encourage self-expression and collective healing while creating a safe, stigma-free space for open conversations around mental health.

The **Open Mic session** on 6th October offered heartfelt poetry, storytelling and a soulful musical performance by the band **'Soul Salad'**, allowing students to express their emotions through art and music. The **Sound Bath and Healing** session on 7th October used resonant sounds and vibrations to encourage mindfulness and deep relaxation. **Drama Therapy** held on 8th October engaged students in experiential exercises that fostered empathy, communication and self-awareness. The week concluded with the **Drum Circle** on 9th October, uniting students in rhythm and joy.

The Mental Health Mela on 10th October was a vibrant, lively and interactive carnival with multiple wellness-focused stalls. The arts stall encouraged creativity as a means of expression; the gratitude corner invited reflection and appreciation; the fitness corner promoted physical wellbeing; and the food and dessert corner added warmth and comfort to the event. Students had the opportunity to relax through loving interactions with therapy animals through animal-assisted therapy. The games stall featured classics like Twister, Jenga, Ludo, Pictionary, and a special "Support System" Snakes & Ladders game, promoting play, teamwork and connection for better mental well-being. Additionally, a quick Stress test and Stroop challenge were offered by TalkSpace, blending self-assessment with cognitive training to build focus and control. A Short Film Screening Competition on 11th October showcased student-created films centered on mental health themes.

Mental Health Week normalised conversations about mental health and tried to foster a strong sense of community and collective care.

Sound Bath and Healing session

CEO Of Bloomberg Visits IIT Bombay

Mr. Vlad Kliatchko, CEO of Bloomberg, and his team visited IIT Bombay, engaging with faculty, researchers and student innovators to explore potential areas of collaboration in Artificial Intelligence, Fintech and Quantitative Finance.

During the visit, the Bloomberg delegation interacted with **Prof. Milind Atrey, Deputy Director (Academics, Research and Translation)** and faculty members to discuss IIT Bombay's research ecosystem, startup and innovation landscape and models for establishing collaborative labs. The team had an engaging and informative campus tour, gaining an overview of IIT Bombay's dynamic campus life, vibrant academic environment and state-of-the-art research ecosystem.

Prof. Milind Atrey, Deputy Director (Academics, Research and Translation), with Mr. Vlad Kliatchko, CEO of Bloomberg

The discussions reinforced IIT Bombay's position as a hub for cutting-edge research, innovation and industry partnerships, opening up exciting possibilities for future collaboration between Bloomberg and IIT Bombay in AI/ML, Fintech, High-Frequency Trading and Quantitative Finance.

Consul General Of The Federal Republic Of Germany Visits IIT Bombay

Prof. Milind Atrey, Deputy Director (Academics, Research and Translation) and Prof. Shireesh Kedare, Director, IIT Bombay with Mr. Christoph Hallier

IIT Bombay had the privilege of hosting **Mr. Christoph Hallier, the Consul General of the Federal Republic of Germany** in Mumbai, during his first official visit to campus on 11th December, 2025.

Mr. Hallier interacted with Institute leadership including Director **Prof. Shireesh Kedare** and Dy. Director (ART) **Prof. Milind Atrey** to gain deeper insight into IIT Bombay's vision, academic strengths and global initiatives. Discussions focused on building upon the already strong academic and research partnerships between IIT Bombay and German institutions. He also visited the IIT Bombay Research Park, where he explored our dynamic innovation and translation ecosystem.

The Institute looks forward to further strengthening our longstanding ties with Germany and advancing impactful partnerships in education, research and technology.

Memorandum Of Understanding With Vertiv India
(Advancing Cooling Strategies for AI-Powered Data Centers)

IIT Bombay and **Vertiv** have partnered in a strategic collaboration aimed at advancing cooling solutions for AI-driven computing workloads in data centers, an increasingly critical area as India accelerates its digital and technological progress. The Memorandum of Understanding was signed by **Prof. Shireesh Kedare**, Director of IIT Bombay and **Mr. Subhasis Majumdar**, Managing Director at *Vertiv India,* reinforcing a shared commitment to advancing India's technological capabilities in line with the *Make in India* and *Aatmanirbhar Bharat* vision.

MoU Exchange Ceremony with Vertiv India

Technology Focus:

The collaboration will leverage IIT Bombay's Rotating Contacting Disk (RCD) system, which:

- Has substantially lower air-side pressure drops than conventional pad-type precoolers, reducing fan power and noise while improving Water Utilization Efficiency

- Enables the use of recycled water or even seawater

- Is patented and developed by **Prof. M.V. Rane**, Department of Mechanical Engineering

- Is already licensed for Wastewater Vapourization and CO Scrubbing, and has demonstrated up to 4× energy savings in fan power as an energy-efficient cooling tower solution

- Scalable, sustainable cooling engineered for AI workloads

The partnership is designed to create long-term impact by giving students and researchers hands-on exposure to real engineering challenges, industry mentorship, and deeper engagement with emerging digital infrastructure technologies, aligned with India's long-term digital ambitions

IIT Bombay Signs MoU With Paragise Pvt. Ltd.

IIT Bombay has signed a Memorandum of Understanding (MoU) with **Paragise Pvt. Ltd.,** which operates UniversityTech.io, a knowledge transfer concierge platform dedicated to accelerating the commercialization of university research. The MoU was signed on 16th September, 2025.

Through this collaboration, UniversityTech.io will facilitate the promotion, marketing, and transfer of IIT Bombay's technologies and intellectual property portfolio to industry partners, bridging the gap between academia and industry.

This collaboration marks a significant step towards enhancing the global visibility and impact of IIT Bombay's research and innovation ecosystem.

The MoU was signed by **Prof. Sachin Patwardhan, Dean (R&D), IIT Bombay,** and **Mr. Parag Agarwal, Director, Paragise Pvt. Limited.**

Maharashtra State Electricity Transmission Co. Ltd. And IIT Bombay Sign MoU To Modernise Maharashtra State Electricity Grid

(L-R) Mr. Shashank Jewalikar (ED, MSLDC), Dr. Sanjeev Kumar (IAS), CMD, MSETCL and Prof. Zakir Rather, Department of Energy Science and Engineering, IIT Bombay during MoU signing

IIT Bombay and **Maharashtra State Electricity Transmission Co. Ltd.** through its Maharashtra State Load Dispatch Centre (MSLDC) have signed an MoU on 3rd September 2025 to work towards achieving secure, stable and reliable Maharashtra State Electricity grid.

The MoU signing event, organised at MSETCL Office (Mumbai) was attended by **Dr. Sanjeev Kumar** (IAS), CMD, MSETCL, **Mr. Shashank Jewalikar** (ED, MSLDC) and **Prof. Zakir Rather** from IIT Bombay.

Prof. Zakir Rather from *Grid Integration Lab,* Department of Energy Science and Engineering, is leading the initiative from IIT Bombay. The focus of this collaboration is to work on preparing Maharashtra State Electricity Grid with state-of-the-art driven solutions for seamless adoption of evolving grid modernisation through major transitions including renewable energy integration, Energy Storage, data centres, distributed generation, electric vehicle integration, cybersecurity, AI applications for modern power systems and other emerging grid elements.

IIT Bombay Signs Three MoUs With The Government Of Maharashtra During The India Maritime Week 2025 (IMW 2025)

During the India Maritime Week 2025 (IMW 2025), the **Government of Maharashtra** and **IIT Bombay** signed **three MoU**s to establish:

i)   *R&D infrastructure for Ship Design and Ship Building at IIT Bombay*

ii) *Centre of Excellence (CoE) at IIT Bombay for Capacity Building and training of manpower for Ship Design and shipBuilding (SDB) industry in India*

iii) *e-Postgraduate Diploma (e-PGD) program for Maharashtra Maritime Board (MMB) Engineers*

Signing of three MoUs with the Government of Maharashtra during the India Maritime Week 2025 (IMW 2025)

The MoUs were signed in the presence of **Shri Devendra Fadnavis**, Hon'ble Chief Minister; **Shri Nitesh Rane**, Hon'ble Minister of Fisheries & Ports; **Mr. Sanjay Sethi,** Additional Chief Secretary (Transport & Ports); **Mr. Pradeep P.,** Chief Executive Officer, Maharashtra Maritime Board from Government of Maharashtra; **Prof. Shireesh B Kedare,** Director, IIT Bombay and **Prof. Sachin Patwardhan,** Dean (Research and Development) IIT Bombay at the IMW 2025 on 27th October 2025.

Prof. Manasa Ranjan Behera and **Prof. Srineash V K,** Deparment of Civil Engineering and experts in Ocean Engineering area, have coordinated the MoU-related activities at IIT Bombay. The MoUs will foster innovations addressing challenges in India's maritime, port and shipping ecosystem, and create trained human resources to support the developing ship design and ship building sector. IIT Bombay will also train and uplift the professional expertise of Maharashtra Maritime Board's Engineers to adapt and implement the advance and cutting-edge technology in implementing various sustainable maritime development initiatives of Government of Maharashtra and Government of India.

MoU Between National Institute Of Solar Energy (NISE) And IIT Bombay

A Memorandum of Understanding (MoU) between **National Institute of Solar Energy (NISE)** and **IIT Bombay** was signed on 15th October, 2025. The two entities will work together in an integrated and collaborative manner in relation to Renewable Energy Sector, especially Solar Energy covering industry, utilities and all other involved stakeholders.

Prof. Sachin Patwardhan, Dean (R&D), IIT Bombay and Dr. Mohammad Rihan, Director General, NISE during signing of the MoU

IIT Bombay Expands Academic Ties With Austrian Technical Universities Via Austria's Focus India Initiative

The **Office of International Relations, IIT Bombay** team — **Prof. Sudarshan Kumar (Dean, International Relations)**, **Dr. Ipsita Das** (Senior Project Manager) and **Ms. Chandrika Naik** (Outbound Student Coordinator) — recently visited three leading technical universities in Austria: **Montanuniversität Leoben (MUL), TU Graz** and **TU Wien** under the Austrian Government's *"Focus India"* initiative: a collaborative effort aimed at strengthening academic and research partnerships between Indian institutions and leading Austrian technical universities.

Discussions were held with senior functionaries at all three universities, including their Rectors, to strengthen the ongoing and future collaboration activities. At MUL Leoben, discussions focused on enhancing student mobility and faculty networking, with potential support through Austrian Government Focus India Funding and the Erasmus grants. There are already student mobility and faculty networking exchanges taking place under this initiative.

With TU Graz, a generic Memorandum of Understanding (MoU) was signed to initiate collaborations in student and faculty exchange. At TU Wien, a similar MoU and a framework for Summer and Winter School programmes were formalized.

Ten IIT Bombay students from Civil and Environmental Engineering will attend the upcoming Winter School at TU Wien, fully funded by the TU Wien. The next phase of the short-term program is planned to take place at IIT Bombay, continuing to build on these promising partnerships. This initiative is a step forward in building long-term, sustainable academic partnerships between India and Austria.

IIT Bombay And VNIT Nagpur Signs MoU For Early Induction Into The M.Tech–Ph.D. Program

IIT Bombay and **Visvesvaraya National Institute of Technology Nagpur (VNIT Nagpur)** have signed a Memorandum of Understanding on 13th November 2025 at the IIT Bombay campus to strengthen academic cooperation. This MoU enables early admission for VNIT Nagpur students into IIT Bombay's M.Tech., Ph.D. and direct Ph.D. programmes, opening new avenues for advanced learning and research.

The MoU was signed by **Prof. Shireesh B. Kedare,** Director, IIT Bombay and **Prof. Prem Lal Patel,** Director, VNIT Nagpur along with **Prof. Sudarshan Kumar, Dean** (International Relations), IIT Bombay; **Prof. Suvarn S. Kulkarni,** Dean, (Academic Programmes), IIT Bombay; **Prof. Vilas Kalamkar,** Dean (Academic), VNIT Nagpur and **Prof. Dilip Peshwe,** Head (Metallurgical and Materials Science Engineering), VNIT Nagpur. Several Heads of Departments from both institutions also attended the event.

The event was preceded by a combined meeting between the Heads of Departments of both institutions, which took place earlier in the day. These discussions strengthened the framework for moving further ahead with the collaboration.

The partnership reaffirms the shared commitment of both institutions to fostering excellence, enhancing research opportunities and empowering students to achieve their highest potential. Together, we continue to build a stronger future for innovation and academic.

IIT Bombay's TCA2I Signs MoU With Mazagon Dock Shipbuilders Ltd (MDL) To Drive AI And Digital Transformation

TCA2I, IIT Bombay has signed a Memorandum of Understanding (MoU) with **Mazagon Dock Shipbuilders Ltd (MDL)** to foster collaboration in the areas of Applied Artificial Intelligence, Data Analytics and Digital Transformation.

Through this partnership, both institutions aim to leverage AI-driven solutions to enhance operational efficiency, predictive maintenance, quality control and intelligent decision-making processes within the shipbuilding sector. The collaboration will focus on the development and deployment of innovative digital technologies that can address complex industrial challenges and contribute to the modernization of India's shipbuilding ecosystem.

(Center) Mr. Biju George, Director(Shipbuilding), Mazagon Dock Shipbuilders Ltd; Dr. Sharad Saraf, Ex Chairperson (BoG) IIT Bombay and Prof. Sachin C Patwardhan, Dean (R&D), IIT Bombay, during MoU exchange

The MoU marks a significant step toward strengthening industry-academia collaboration, combining TCA2I's research expertise with MDL's deep domain knowledge and practical experience. Together, they aim to create impactful technological interventions supporting India's vision of Atmanirbhar Bharat and Maritime Excellence.

IIT Bombay And Alkem Foundation Sign MoU

Institute functionaries Prof. Shireesh Kedare, Director (fourth from left) along with Madhurima Singh, Executive Director and Chairperson, CSR and Sustainability Committee, Alkem (center) and other officials during MoU signing

IIT Bombay and **Alkem Foundation** have announced a strategic collaboration to set up a first-of-its-kind research centre in India dedicated to immuno-therapeutics and regenerative medicines.

Under this collaboration, Alkem Foundation, the CSR arm of Alkem Laboratories Ltd., will fund the *establishment of the Alkem Centre for Advanced Research and Development of Applied Immuno-Therapeutics and Regenerative Medicines* on the Indian Institute of Technology Bombay campus. This

pioneering step will foster cutting-edge research and innovation in complex disease areas with significant unmet medical needs.

The partnership brings together Alkem's experience in developing healthcare solutions and IIT Bombay's expertise in biomedical engineering, biosciences, and translational research, creating a strong innovation and translation ecosystem for India's healthcare future.

IIT Bombay Hosts The ANRF–PAIR Commencement Meeting And Memorandum of Understanding (MoU) Signing Ceremony

IIT Bombay hosted the **ANRF–PAIR Commencement Meeting** and **Memorandum of Understanding (MoU) Signing Ceremony** on 15th November 2025 at the Research Park, IIT Bombay, bringing together the Hub and seven Spoke Institutions under the *Partnerships for Accelerated Innovation and Research (PAIR) initiative of the Anusandhan National Research Foundation (ANRF)*, Government of India.

The Institute was honoured to welcome **Dr. Shivkumar Kalyanaraman,** CEO, ANRF, along with **Dr. T. Thangaradjou,** Senior Scientist from ANRF, for this significant event, which marks the beginning of a collaborative research ecosystem, across multiple institutions nationwide.

The Hub institution, IIT Bombay will work closely with the seven Spoke institutions:

* COEP Technological University, Pune

* IIIT Nagpur

* IIIT Pune

* M. S. University of Baroda

* University of Mumbai

* NIT Goa

* SKUAST Jammu

Through this network, the PAIR program aims to strengthen research capacity, enable mentorship-driven collaboration, upgrade laboratory infrastructure and accelerate innovation across key thematic areas including Advanced Materials, Industry 4.0, and Energy & Sustainability.

The event included addresses by ANRF leadership and IIT Bombay faculty, an overview of the PAIR program, the formal MoU signing with Spoke institutions, and an interactive session to discuss implementation pathways and collaborative opportunities.

IIT Bombay looks forward to working closely with all partner institutions in building a strong, vibrant and impactful research ecosystem in alignment with national priorities.

Partnership For Transformation!

Institute is pleased to announce a strategic collaboration between **IIT Bombay and MITRA (Maharashtra Institution for Transformation)** — the Government of Maharashtra's innovation think-tank through BharatGen — to build Sovereign AI–enabled systems for good governance and enhanced citizen service delivery.

The initiative was formally welcomed by *Prof. Shireesh B. Kedare,* Director, IIT Bombay in the presence of distinguished leaders **Mr. Praveen Pardeshi** (CEO, *MITRA),* **Mr. Vikas Kharge** (Additional Chief Secretary (Revenue))*,* **Mr. Sanjay Katkar** (MD, *MahaIT),* **Mr. Bhagwan Patil** (COO, *MahaIT*) with representing *BharatGen* **Prof. Ganesh Ramakrishnan** (Principal Investigator), **Mr. Rishi Bal** *(*CEO, BharatGen) and members of the BharatGen team. A high-energy brainstorming session focused on identifying real ground-level challenges across departments such as Revenue and Urban Development, and designing AI-powered approaches to significantly augment state capacity.

This collaboration marks an important step toward building Sovereign, secure, multilingual and citizen-centric AI infrastructure and AI enabled governance for Maharashtra. Onwards to shaping the future of governance, transparency and public service delivery!

IIT Bombay Signs License Agreement With Ainwesha Engineering For Debris-Removal Technology

IIT Bombay and **Ainwesha Engineering & Project Ltd.** signed a **License Agreement** on 8th December, 2025 for commercialization and deployment of IIT Bombay's technology *"A system to remove floating debris in open water channels".*

Prof. V. Jothiprakash, Department of Civil Engineering, IIT Bombay and his team has developed the system for removing floating debris in an open water channel. This innovation aims to address the significant problem of floating debris in open water channels that severely disrupts water flow, harms aquatic ecosystems and poses economic as well as public health challenges. The system has been specifically designed to address the challenge of floating debris in open channels, ensuring minimal manual intervention and improves operational efficiency. This technology eliminates the need for manual removal of garbage from the channel thus improving the hygienic conditions of the operators working in this area.

The agreement was signed by Prof. Sachin C Patwardhan, Dean (R&D), IIT Bombay and Mr. Ram Khubchandani, Director, Ainwesha Engineering & Project Ltd.

Ainwesha Engineering & Project Ltd. and IIT Bombay have successfully demonstrated and installed the patented technology on- site with the help of Thane Municipal corporation (TMC). This technology solves a major urban problem and is an excellent example of deploying IIT Bombay's technology for societal and environmental benefit.

IIT Bombay Commemorates Mahatma Gandhi And Lal Bahadur Shastri On Their Jayanti

Institute functionaries and officials Prof. K.P. Kaliappan, Ex-Dean (Strategy); Prof. Suryanarayana Doolla, Dean (Student Affairs); Prof. Atul Srivastava, Associate Dean (Student Affairs) and Mr. C.P. Joglekar, Joint Registrar (General Administration) paying tribute to Mahatma Gandhi and Lal Bahadur Shastri on their birth anniversaries

Performers of Swaranjali 2025

On 2nd October 2025, IIT Bombay joined the nation in commemorating the birth anniversaries of **Mahatma Gandhi**, the Father of the Nation and former Prime Minister **Lal Bahadur Shastri**. The Institute observes this day every year to honour the principles of simplicity, truth, service and dedication embodied by these two great leaders.

The day is also marked as **Swachhata Diwas**, reaffirming IIT Bombay's collective commitment to cleanliness and societal well-being. The campus community came together to enjoy the cultural programme **Swaranjali 2025.**

With this observance, IIT Bombay reinforced its pledge towards building a campus community that values service, responsibility and sustainability.

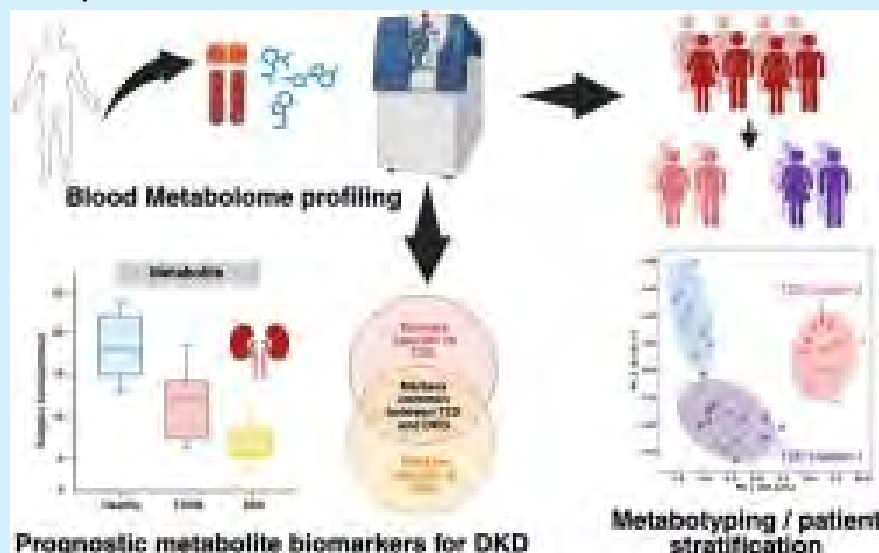# Hidden blood markers may explain diabetes risks in India

Researchers find early warning signs of diabetic kidney disease and pave the way for personalised treatment.

India is often called the diabetes capital of the world. With an estimated 101 million adults currently living with the condition and another 136 million at risk with prediabetes, Type 2 diabetes has become a major public health concern in the country. The condition arises when blood sugar levels remain too high and cannot be regulated properly. Genetics, obesity, sedentary lifestyles, unhealthy diets, family history, high blood pressure, abnormal cholesterol, gestational diabetes, and stress all contribute to driving the disease. Because many cases are diagnosed late, complications affecting the eyes, kidneys, nerves, heart, and brain are common. Nearly one-third of patients also develop chronic kidney disease.

Standard clinical tests for diabetes typically measure fasting blood glucose, HbA1c, and creatinine levels for assessing kidney health. However, these tests capture only a fraction of the complex biochemical disruptions underlying the disease and cannot always predict who faces the greatest risk.

In a new study, researchers led by **Prof. Pramod Wangikar** from the Indian Institute of Technology Bombay (IIT Bombay) and **Dr. Rakesh Kumar Sahay** and **Dr. Manisha Sahay** from Osmania Medical College, along with researchers from Clarity Bio Systems India Pvt. Ltd., Pune, used metabolomics—the study of small molecules in the blood—to find biochemical patterns that could help identify patients at risk of kidney complications. Their findings, published in the *Journal of Proteome Research* in July 2025, may help doctors diagnose problems earlier and create more personalised treatments.

"Type 2 diabetes is not just about high blood sugar. It disrupts amino acids, fats, and other pathways in the body. Standard tests often miss this hidden activity, which may often begin years before the onset of clinical symptoms," explains **Ms. Sneha Rana,** a Ph.D. scholar in Prof. Wangikar's lab and the first author of this study.

To gain a more comprehensive view of the disease, researchers performed metabolic profiling of hundreds of metabolites at once. Metabolites are tiny molecules present in the body that reflect the ongoing activity in cells. By analysing them, hidden shifts in body chemistry that precede clinical symptoms can be detected.

Previous metabolomics studies have highlighted associations between diabetes and molecules such as branched-chain amino acids (BCAAs), acylcarnitines, and certain lipids. But most of that research has been done in European or East Asian populations. Since genetics and lifestyles vary across populations, markers found in one region may not be applicable elsewhere.

"Indians often develop diabetes at a younger age and lower body mass index than Western populations, and they face higher risks of complications like kidney disease. It was important to check if Indian patients show different metabolic patterns," says Dr. Rakesh Sahay.

For the study, the team collected whole blood samples from 52 volunteers at Osmania General Hospital in Hyderabad between June 2021 and July 2022. The participants included 15 healthy controls, 23 patients with type 2 diabetes, and 14 patients with diabetic kidney disease (DKD). Using two complementary techniques — liquid chromatography-mass spectrometry (LC-MS) and gas chromatography-mass spectrometry (GC-MS) — the team scanned for nearly 300 metabolites.

They found 26 metabolites that differed between diabetic patients and healthy controls. Some were expected, such as glucose, cholesterol, and 1,5-anhydroglucitol (a short-term marker of blood sugar). But others, like valerobetaine, ribothymidine, and fructosyl-pyroglutamate, had not been linked to diabetes before. *"This suggests that diabetes is a much broader metabolic disorder beyond just glucose dysregulation,"* notes **Prof. Wangikar.**

The researchers also discovered two distinct subgroups among diabetic patients. One group appeared metabolically closer to healthy individuals, while the other showed major changes related to stress, inflammation, and energy production. *"These markers could one day be used by doctors, just like cholesterol tests are used to assess heart*

disease risk. This means some patients may need more aggressive treatment, while others might benefit more from lifestyle changes," notes **Dr. Rakesh Sahay.**

When comparing patients with kidney disease to the other groups, the team identified seven metabolites that steadily increased from healthy to diabetic to DKD patients. These included sugar alcohols like arabitol and myo-inositol, as well as ribothymidine and a toxin-like compound called 2PY, which accumulates when the kidneys are damaged. *"By monitoring these molecules, we could predict kidney complications much earlier,"* **says Ms. Rana.** *"These markers could replace or add on to the existing markers like creatinine, eGFR estimation and measuring albuminuria by* identifying those diabetics at risk of kidney disease even before these markers indicate the onset of kidney dysfunction, facilitating the early use of therapies which prevent progression of kidney disease,"** says Dr. Manisha Sahay.**

Unlike most earlier studies, which looked only at the liquid part of the blood (plasma or serum), this research analysed whole blood. *"The work has potential for clinical translation as a test could be developed based on dried blood spots made from finger pricks, and this is an ongoing work in our lab,"* says **Prof. Wangikar.** Whole blood captures metabolites from red blood cells in addition to plasma, giving a more comprehensive but different metabolic snapshot. This advantage of whole-blood testing may also explain why some well-known markers from Western studies, like BCAAs, did not show up strongly here. Their abundance and distribution can vary between whole blood and plasma, and across populations.

This study currently has a small sample size. The researchers plan to extend it to obtain data from a larger number of subjects with diabetes and various complications, with the objective of developing simple clinical tests that can not only help in the early diagnosis of diabetes but also identify those at higher risk of complications. This will pave the way for personalised care in the long run. *"In India, we often rely on a one-size-fits-all approach to diabetes treatment. With these new markers, we can start tailoring care to each patient's unique profile,"* concludes **Ms. Rana.**

Notifications:

Prof. Ravindra Gudi, Department of Chemical Engineering, has been appointed as Deputy Director of Finance, Infrastructure and Administration (FIA) w.e.f. 1st October, 2025.

Prof. Neela Nataraj, Department of Mathematics, has been appointed as Dean (Strategy) w.e.f. 3rd November, 2025.

Prof. Arunkumar Sridharan, Department of Mechanical Engineering, has been appointed as Head, Parimal and Pramod Chaudhari Centre for Learning and Teaching (PPCCLT) w.e.f. 22nd September, 2025.

Prof. Ramaswamy Murugavel, Department of Chemistry, has been appointed as the Interim Head, Centre for Sophisticated Instruments and Facilities" (CSIF) w.e.f. 27th November, 2025.

Prof.. M.J.N.V. Prasad, Department of Metallurgical Engineering and Materials Science, has been appointed as Warden, Hostel No. 06 w.e.f. 1st October, 2025.

Prof. Chandra M.R. Volla, Department of Chemistry, has been appointed as Associate Warden, Hostel No.12 w.e.f. 30th September, 2025.

Obituary

IIT Bombay deeply mourns the passing of **Prof. Pushpak Bhattacharyya** from the Department of Computer Science and Engineering (CSE) on 05th October, 2025. Prof. Bhattacharyya completed his undergraduate studies (B.Tech) at IIT Kharagpur, his master's degree (M.Tech) at IIT Kanpur and his PhD at IIT Bombay. He joined the Department of CSE at IIT Bombay in 1988 and dedicated over 37 years to teaching, research and academic leadership.

An eminent scientist in the field of Natural Language Processing, Prof. Pushpak made pioneering contributions, particularly in NLP for Indian languages. His foundational work significantly advanced the field and he mentored numerous students who have gone on to make impactful contributions to NLP research and technology.

Prof. Bhattacharyya held several distinguished positions during his illustrious career. He served as the Director of IIT Patna (2015–2020), was President of the Association for Computational Linguistics, authored multiple influential books, chaired several Government of India committees, and was a Distinguished alumnus of IIT Kharagpur. Most recently, he chaired the RBI committee on the Framework for Responsible and Ethical Enablement of Artificial Intelligence in the finance sector. His legacy will continue to inspire the academic community.

Institute Holds Lecture Series

- Prof. Vikram Vishal

- Prof. Gurminder Singh

- Prof. Swagata Basu

The **IIT Bombay Research Awards 2024** recipients presented their research work during a lecture series organized by the Institute's Research and Development (R&D) Office.

The following award recipients presented their talk during lecture series:

Speaker	Talk Title
Session I	
Prof. Rajarshi Chakrabarti, Department of Chemistry	*Active particles and polymers*
Prof. Hrishikesh Gadgil, Department of Aerospace Engineering	*Understanding atomization of acoustically excited liquid sheets*
Prof. Manish Kumar, Department of Civil Engineering	*Building next generation of hardened structures against blast, ballistics and missiles*
Session II	
Prof. Santanu Ghosh, Department of Biosciences and Bioengineering	*Mechanistic insights into extrachromosomal genome partitioning*
Prof. Pradip Kalbar, Department of Environmental Science and Engineering	*Advancing Circular Economy in Indian Cities: Key Challenges and Pathways for Opportunity*
Prof. Swatantra Pratap Singh, Environmental Science and Engineering Department	*Electroconductive Membranes: Dominating Selectivity without compromising Permeability*
Session III	
Prof. Gurminder Singh, Department of Mechanical Engineering	*Low Cost Additive Manufacturing Methods for Difficult-to-Print Materials*
Prof. Swagata Basu, Department of Civil Engineering	*Disaster Risk and Resilience of Aging Highway Bridges*
Prof. Srinivasan Ramakrishnan, Department of Chemistry	*Designing Reactive Interphases for High Energy Solid-State Batteries*
Session IV	
Prof. Vikram Vishal, Department of Earth Sciences	*Unlocking geological CO2 sequestration potential in India*
Prof. Swathy Manohar, Department of Civil Engineering	*Development of modified air lime mortars for heritage conservation and low-carbon cement applications*
Prof. Sujoy Bhore, Department of Computer Science and Engineering	*Geometry in Optimization: To Choose or Not To Choose*

Institute Colloquium / Lectures

Mr. Chaitram Pawar, Social Reformer & Environmentalist; Padma Shri Awardee, delivered an Institute Colloquium (Hindi) titled *"Village Development through Public Participation in Water Conservation, Forest Protection, and Environmental Preservation"* on 1st October, 2025

Prof. Prashant V. Kamat, Department of Chemistry & Biochemistry and Radiation Laboratory, University of Notre Dame, Notre Dame, delivered an Institute lecture titled *"Beyond Solar Cells: Unlocking the Potential of Halide Perovskites"* on 13th October, 2025

Prof. Eric Laenen, Institute of Physics, University of Amsterdam, Netherlands, delivered an Institute Colloquium titled *"The future of CERN, and outstanding questions in particle physics"* on 17th October, 2025

Prof. Dr. Joachim Kopp, Institute of Physics, Theoretical High Energy Physics (THEP), Johannes Gutenberg University of Mainz, delivered an Institute lecture titled *"The nu Frontier: Current Challenges and Opportunities in Neutrino Physics"* on 19th November, 2025

Dr. Vinod G. Mengle, Founder and CEO of Aero Insights, LLC. Formerly with Boeing as Chief Chevron Design Architect, delivered an Institute lecture titled *"Innovations in Jet Noise Reduction Technology"* on 2nd December, 2025

Publications

Prof. Ajit Rajwade and **Dr. Azhar Yousuf** from the Department of Computer Science and Engineering, along with **Agnipratim Nag** (B.Tech graduate, Department of Physics) and **Vineet Ghule** (Dual Degree [B.Tech + M.Tech] graduate, Department of Electrical Engineering), have published a paper titled *"Hyper-pyramid-adapted shearlet transform with application to compressive level set estimation"* in *Inverse Problems*, Volume 41, Number 10 (105012). DOI: 10.1088/1361-6420/ae10d8

Prof. Avradeep Pal and PhD student **Sonam Bhaka**t from the Department of Metallurgical Engineering and Materials Science, along with **Sounak Samanta** and **Prof. Suddhasatta Mahapatra f**rom the Department of Physics, have published a paper titled *"Bistable and absolute switching driven by superconducting exchange coupling"* in the journal *Nature Communications.* https://doi.org/10.1038/s41467-025-64594-6

Wishing you a Happy and prosperous New Year !!!

Awards and Distinctions

Prof. Sudeep R. Bapat, SJM School of Management, has been appointed as an **Associate Editor** of the journal Scientific Reports

Prof. M. Radhakrishna, Professor and Head, Department of Earth Sciences, has been elected to **Fellow of Indian National Science Academy (INSA)**

Prof. Ruchi Anand, HoD, Department of Chemistry, has been elected to the **fellowship of The World Academy of Sciences (TWAS)**

Prof. Ramesh Singh, Department of Mechanical Engineering, has been elected as a **Fellow of the American Society of Mechanical Engineers (ASME)**

Prof. Nagendra Kumar, Department of Aerospace Engineering, has been selected as a **Young Editorial Board Member (YEBM) for the journal** *FirePhysChem*

Prof. Neela Nataraj, Department of Mathematics, has been invited to join the editorial board of the SIAM Journal of Scientific Computing.

Prof. Rajashri Chakrabarti (Department of Chemistry), **Prof. Subhananda Chakrabarti** (Department of Electrical Engineering), **Prof. Santanu Kumar Ghosh** (Department of Biosciences and Bioengineering), **Prof. Asmita Mukherjee** (Department of Physics), **Prof. Atul Sharma** (Department of Mechanical Engineering), **Prof. Santosh Gharpure** (Department of Chemistry) and **Prof. Triloknath Singh** (Department of Earth Sciences, currently on lien at IIT Patna) have been elected as *Fellows (FNASc) of the National Academy of Sciences, India (NASI)*

Prof. Rajarshi Chakrabarti Department of Chemistry has been invited to join *The Journal of Physical Chemistry A/B/C Editorial Advisory Board (EAB)* for a term starting January 2026 and ending December 2028

Prof. K. Ramasubramanian, Department of Humanities and Social Sciences, has been selected for the **Prachhya Vidya Vibhushan Sanman** by Central Sanskrit University, Nashik Campus

Prof. Amit Agrawal, Department of Mechanical Engineering, received IIT Kanpur Distinguished Alumni Award 2025

Prof. Suhas S. Joshi, (Dept. of Mechanical Engineering, currently on lien at IIT Indore) and **Prof. M. Radhakrishna**, (Head, Department of Earth Sciences) have been elected as **Fellows of the prestigious Indian National Science Academy (INSA)**

Prof. Sameer Ranjan, Department of Earth Sciences, has been selected to receive the **IGU - Dr. J.G. Negi Young Scientist Award** for the year 2025

Prof. Biplab Banerjee, Center for Studies in Resources Engineering, has been selected for the *"Unrestricted Faculty Gift Grants"* from Dolby Research and Google DeepMind

Prof. Snehal Awate's (Shailesh J. Mehta School of Management), research paper, *"Offshore FDI, Tax Havens and Productivity: A Network Analysis,"* nominated in the ICAI International Research Awards 2025, has been awarded Gold in the Taxation category

Prof. Haripriya Gundimeda, Department of Economics, has been appointed as Chairperson of the Expert Group on Environmental Accounting by the MoSPI, Govt. of India

Prof. Deepankar Choudhury, Department of Civil Engineering, has been selected as a member of the **NASI-Fellowship Scrutiny Committee (FSC)-2026 (Engineering Sciences)**

Prof. Anindya Datta, Department of Chemistry, has been invited to join as **Associate Editor** for the Journal of Fluorescence, published by Wiley Nature. Prof. Datta also has been appointed as *Director of Institute of Nano Science and Technology (INST), Mohali*

Prof. Amrita Banerjee, Department of Humanities and Social Sciences, has been selected as a member of the editorial board of the *Journal, Pragmatism Today*, published by the Central European Pragmatist Forum and book series on "Ethics of Care" by PEETERS Publishers, EU

Prof. Santosh J. Gharpure, Department of Chemistry, has received the **Professor B. N. Ghosh 80th Birthday Award 2024 from the Indian Chemical Society (ICS)**

Prof. Manas Nitin Rachh, Department of Mathematics, has **joined the editorial board** of *'Advances in Computational Mathematics'*

Prof. Santanu Bandyopadhay, Department of Energy Science and Engineering has received **"International Impact Award - 2025"** from Springer Nature as Editor-in-Chief of Journal *'Process Integration and Optimization for Sustainability'*, Springer Nature (ISSN: 2509-4238)

Prof. K. Ramasubramanian, Department of Humanities and Social Sciences, received **"Citation Impact Award - 2025"** from Springer Nature as Editor-in-Chief of *'Indian Journal of History of Science'*, Springer Nature (ISSN: 0019-5235). This journal is co-published with Indian National Science Academy (INSA), New Delhi

Prof. Deepankar Choudhury, Department of Civil Engineering received **"Growth Impact Award - 2025"** from Springer Nature as Editor-in-Chief of *'Indian Geotechnical Journal'*, Springer Nature (ISSN: 0971-9555). This journal is published jointly with Indian Geotechnical Society (IGS), New Delhi, and Hon. Secretary of IGS also accompanied him to receive this award

Prof. Jugal Verma (Retd.), Department of Mathematics received **"Growth Impact Award - 2025"** from Springer Nature as Editor-in-Chief of *'Indian Journal of Pure and Applied Mathematics'*, Springer Nature (ISSN: 0019-5588). This journal is co-published with Indian National Science Academy (INSA), New Delhi and Production Editor of INSA

also accompanied him to receive this award

Prof. Nagamani Jaya Balila, Department of Metallurgical Engineering and Materials Science, has received the '**IIM-Young Metallurgist Award (Metal Science)' 2025**, which is awarded by The Indian Institute of Metals (IIM)

Prof. Karthikeyan Lanka, Centre for Climate Studies, has received an invitation to **join the Editorial Board** of the *Journal of Hydrology*

Prof. Soumyajit Mukherjee, Department of Earth Sciences, has been selected as an **editorial board member** of *'Journal of Maps'* *(Taylor & Francis)*

Prof. Ambarish Kunwar, Department of Biosciences and Bioengineering, has been appointed as an **Associate Editor** of *Frontiers in Systems Biology*

Prof. Rajakishore Nath, Department of Humanities and Social Sciences, has been ***invited to join the Advisory Board*** of the *Indian Journal of Social Work (IJSW)*, published by Tata Institute of Social Sciences (TISS)

Prof. RAAJ Ramsankaran, Department of Civil Engineering, has been selected to receive the **Indian National Geospatial Award (2025)** in recognition of his

outstanding contributions to geospatial science, technology, and their applications in hydrology and cryosphere studies. Prof. RAAJ has also been inducted as an **Associate Editor** of *Remote Sensing Applications: Society and Environment (RSASE)*, published by Elsevier

Prof. B. G. Fernandes, Department of Electrical Engineering, has been elected **Fellow of IEEE** for contributions to technologies for switched reluctance motors and DC microgrids

Prof. Mazhar Kamran, IDC School of Design, has recently launched a book titled ***"Maa Uma Padma"*** at the International Film Festival, Goa. The book is available on: https://amzn.in/d/40Qg3jW

The VR narrative ***"Into the Manhole",*** created at the IMXD Lab, IDC School of Design and directed by Prof. Abhishek Verma and **Prof. Jayesh S. Pillai,** has won the ***Jury Award "Grand Prix Réalité Virtuelle"*** at Courant3D 2025, France. **IMXD Lab website:** https://imxd.in/ **Project Link:** https://imxd.in/projects/into-the-manhole

A joint project of **Prof. Rashmi Gupta**, Department of Humanities and Social Sciences, has been selected for the ***LOTUS (India-Japan Circulation of Talented***

Youths in Science) Programme 2025

(https://scholar.google.com/citations?hl=en&user=akK_ES0AAAAJ&view_op=list_works&sortby=pubdate)

Prof. Juzer Vasi, Professor Emeritus, Department of Electrical Engineering, has been honoured with the ***2025 Simon Min Sze Education Award***

Prof C. Amarnath, *Professor Emeritus at Department of Mechanical Engineering has received the* ***inaugural Lifetime Achievement Award*** *at* ***INACOMM25***

The ***Journal of Algebra and Its Applications*** (published by World Scientific, Singapore) has released a Special Issue on ***Recent Advances in Algebraic Geometry, Coding Theory, and Combinatorics***, dedicated to **Prof. Sudhir Ghorpade** (Department of Mathematics) on the occasion of his 60th birthday. The issue features 35 articles by nearly 85 researchers across the globe and a foreword by the guest editors **Peter Beelen** (Copenhagen), **Mrinmoy Datta** (Hyderabad), **Elisa Gorla** (Neuchatel), **Hiram Lopez** (Virginia) and **Joachim Rosenthal** (Zurich)**.** https://www.worldscientific.com/toc/jaa/24/13n14

In the Wilderness

Photo Credit:

Mr. Nandu Kurne, IIT Bombay Digital Archive

Conferences

The International Conference on '*Research Advancements and Industrial Challenges in Glass and Ceramics (RAICGC 2025)'* was held at IIT Bombay during 27th- 29th November, 2025, on the occasion of the 89th Annual Session of the Indian Ceramic Society. **Prof. Parag Bhargava**, Department of Metallurgical Engineering and Materials Sciences, was the Secretary of the organizing committee.

19th Theoretical Chemistry Symposium (TCS-2025) was hosted by the Department of Chemistry during 2nd-5th December, 2025. **Prof. Rajarshi Chakrabarti** and **Prof. Rajaraman Gopalan** from the Department of Chemistry, were the conveners.

The International Conference on *'Modelling and Health Informatics for Public Health'* was held during 8th -11th December, 2025. **Prof. Sarika Mehra,** National Disease Modelling Consortium and Department of Chemical Engineering, was the Principal Investigator.

A national conference **'SANKET 2025 – Sustainability through Ancient Knowledge & Emerging Technologies**' was held on 13th December, 2025. **Prof. Sanjay Mahajani,** Professor-in-Charge, Research Hub for Green Energy and Sustainability, Department of Chemical Engineering and **Prof. Pennan Chinnasamy,** CTARA were the organizing committee members from IIT Bombay.

Staff News

Congratulations to IIT Bombay swimming coach **Mr. Ritesh Gucchait** for bagging *4 Bronze medals* while representing Maharashtra at the *21st National Masters Swimming Championship 2025* organised by *Telangana Swimming Association, Swimming Federation of India.* The championship was held at Gachibowli, Hyderabad during 21-23rd November, 2025.

Similarly, he won *4 golds* during the *State championships* held on 9th November, 2025 at Pune.

Appointments

Dr. Vinay Kumar Bindiganavile Ramadas, has been appointed as an Assistant Professor Grade II in the Department of Industrial Engineering and Operations Research w.e.f. 6th October, 2025

Dr. Renuka Verma, has been appointed as Assistant Professor Grade I in Department of Environmental Science and Engineering w.e.f 24th October, 2025

Dr. Vishwas Bhargava, has been appointed as an Assistant Professor Grade II in the Department of Computer Science and Engineering w.e.f. 24th October, 2025.

Dr. Satyadeep Waiba, has been appointed as Assistant Professor Grade I in the Department of Chemistry w.e.f. 11th November, 2025

Dr. Karthikeyan Hariharan, has been appointed as Assistant Professor in the Department of Metallurgical Engineering and Materials Science w.e.f. 27th November, 2025

Dr. Ulemba Meetei Hirom, has been appointed as Assistant Professor Grade I in the IDC School of Design w.e.f. 28th November, 2025.

Dr. Hrishikesh Gajanan Danawe, has been appointed as Assistant Professor Grade II in the Department of Mechanical Engineering w.e.f. 8th December, 2025.

IIT Bombay Alumnus Honoured With Rashtriya Vigyan Puraskar – Vigyan Yuva: Shanti Swarup Bhatnagar (Physics), 2025

In a proud moment for India's scientific community, IIT Bombay alumni **Prof. Surhud Shrikant More** (B.Tech., Engineering Physics, 2005) Faculty Member at the Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, has been awarded the **Rashtriya Vigyan Puraskar – Vigyan Yuva: Shanti Swarup Bhatnagar (Physics), 2025.**

Retirements on October 31, 2025

Prof. Krishnaiyengar Narasimhan, Department of Metallurgical Engineering and Materials, retired after 33 years of service

Prof. Rajiv O. Dusane, Department of Metallurgical Engineering and Materials, retired after 32 years of service

Ms. Tabassum Z. Majgaonkar, Assistant Administrative Officer (P), Academic Section, retired after 40 years of service

Ms. Snehal S. Jadhav, Assistant Administrative Officer (P), IIT Hospital, retired after 38 years of service

Mr. Shreshrao A. Surwade, Sr. Security Guard, Security Section, retired after 36 years of service

Mr. Siddharth D. Surwade, Sr. Multi-Skilled Assistant, Estate Office, retired after 33 years of service

Retirements on November 30, 2025

Prof. Suresh Chandra Patel, Department of Earth Sciences, retired after 28 years of service.

Mr. Narendra G. Kharade, Assistant Administrative Officer (P), Department of Chemistry, retired after 37 years of service.

Ms. Meena V. Sadalgekar, Jr. Superintendent, Department of Metallurgical Engineering and Materials Science, retired after 39 years of service.

Mr. Vilas G. Kapse, Sr. Technician [Specific Skills (P)], Central Library, retired after 38 years of service.

Mr. Ramu K. Khandagale, Technician [Specific Skills (P)], Department of Earth Sciences, retired after 33 years of service.

Mr. Kiran S. Potdar, Sr. Mechanic, Estate Office, retired after 34 years of service.

Retirements on December 31, 2025

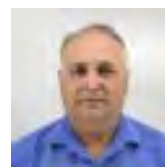**Prof. Prabhakar Prasad Singh,** Department of Physics, retired after 31 years of service.

Prof. Raghava Varma, Department of Physics, retired after 31 years of service.

Mr. Prasad P. Vaidya, Assistant Engineer, Electrical Maintenance Division, retired after 34 years of service.

Mr. Ravindra T. Gawai, Sr. Mechanic, Electrical Maintenance Division, retired after 31 years of service.

Mr. Sanjay V. Prabhu, Sr. Multi-Skilled Assistant, Estate Office, retired after 33 years of service.

Mr. Raju B. Bihari, Sr. Multi-Skilled Assistant, NCC IIT Bombay, retired after 37 years of service.

CEP courses scheduled January and February 2026

January 2026

No. Course Title	Course Coordinator/ Department	Duration
Open Programmes :		
1 Network Security	Prof. Kameswari Chebrolu, Department of Computer Science and Engineering	January 4, 2026 (4 months)
2 Full-Stack Mern Development With Apache And Nginx Configuration	Prof. Kameswari Chebrolu, Department of Computer Science and Engineering	January 4, 2026 (4 months)
3 Next-Gen Innovation: AI And Design Thinking And Innovation	Prof. Sandesh Ramu, IDC School of Design	January 17, 2026 (20 days)
4 Leadership With AI	Prof. Rajendra Sonar, Shailesh J. Mehta School of Management	January 18, 2026 (4 months)
5 Certificate Course In Generative AI	Prof. Manjesh Hanawal, Department of Industrial Engineering and Operations Research	January 24, 2026 (5 months)
February 2026		
Open Programmes:		
6 Theory And Technology Of Silicon Solar Cells	Prof. Anil Kottantharayil, Department of Electrical Engineering	February 6, 2026 (3 days)
7 Innovation Management In AI Era	Prof. Sawan Rathi, Shailesh J. Mehta School of Management	February 21, 2026 (4 days)
March 2026		
Open Programmes:		
8 Advances In Urban Planning: Application Of AI And ML	Prof. Arnab Jana, Department of Civil Engineering	March 13, 2026 (2 days)

campus diary

BOOK POST