

Hon'ble Minister Of Education Shri Dharmendra Pradhan Inaugurates India's First Integrated CCUS Field Laboratory Facility Under Bharat Innovates 2026

Hon'ble Minister of Education, Shri **Dharmendra Pradhan** inaugurated *India's first Integrated CCUS Field Laboratory Facility under Bharat Innovates 2026* on 11th May, 2026.

The event was held in the presence of **Mr. Vineet Joshi**, Secretary, Department of Higher Education, Ministry of Education, Government of India; **Prof. Shireesh Kedare**, Director, IIT Bombay; **Prof. Milind Atrey**, Deputy Director (Academics, Research and Translation); **Prof. Ravindra Gudi**, Deputy Director (Finance, Infrastructure and Administration); Institute functionaries, faculty members, staff and students and industry professionals, government representatives and entrepreneurs.



Union Education Minister Shri Dharmendra Pradhan, along with Mr. Vineet Joshi and Prof. Shireesh Kedare, inaugurated India's first Integrated CCUS Field Laboratory Facility at IIT Bombay



Shri Dharmendra Pradhan interacting with Prof. Vikram Vishal while reviewing the process demonstration model at the facility

The event marked the commissioning of an indigenously built **Carbon Capture and Utilisation (CCU) Pilot facility** of up to 3 tonnes-per-day capacity and the commencement of **Geological CO₂ Sequestration (GCS) scientific drilling** in the basalt formations for building robust storage monitoring protocols. The pioneering facility establishes India's first end-to-end CCUS field laboratory, integrating indigenous carbon capture technology with carbon utilisation and permanent geological sequestration.

The facility demonstrates a self-reliant, closed-loop carbon mitigation approach rooted in indigenous innovation and aligned with the vision of **Atmanirbhar Bharat**. Developed at IIT Bombay with support from the Government of India, industry partners and the Institute's innovation ecosystem, the project advances India's **Panchamrit** climate commitments and long-term Net-Zero targets.

At the core of the facility is an advanced aqueous-based catalytic CO₂ capture technology developed entirely at IIT Bombay. The scalable, sustainable and cost-effective patented technology uses earth-abundant catalytic materials to capture carbon dioxide from ambient air as well as industrial flue gases. Importantly, the process is compatible with non-potable water sources such as industrial effluents and seawater, thereby significantly reducing the water-energy conflicts associated with conventional carbon capture systems. Following capture, the system enables rapid carbon valorisation by converting captured CO₂ into high-purity carbonate and bicarbonate salts through efficient catalytic reactions. These value-added mineral products can be directly utilised across sectors such as steel, cement, petrochemicals and pharmaceuticals, thereby creating a sustainable waste-to-wealth pathway.

A major component of the initiative is the commencement of scientific drilling for geological CO₂ sequestration in the Deccan Traps. The project aims to generate India's first localized empirical data on reservoir characterization and storage capacity in basaltic formations. Researchers will investigate and compare supercritical and aqueous-phase CO₂ injection strategies to evaluate injectivity, fracture permeability, reactive surface area and long-term mineral trapping potential. The project is expected to significantly strengthen scientific understanding of in-



Hon'ble Minister of Education Shri Dharmendra Pradhan addressing the audience

situ mineral carbonation processes in basalt formations. Through geochemical reactions within the host rock, dissolved CO₂ can transform into stable carbonate minerals such as calcite and magnesite, enabling secure and permanent storage while minimizing the risks of atmospheric leakage or subsurface migration.

The integrated CCUS field laboratory also represents a major translational research achievement, bridging the gap between academic innovation and industrial deployment. The technology is being scaled up by *UrjanovaC*, a deep-tech venture incubated at the Society for Innovation and Entrepreneurship (SINE), IIT Bombay, founded by **Prof. Vikram Vishal** and **Prof. Arnab Dutta**, and is recognised among the leading start-ups featured in Bharat Innovates 2026.

The initiative is expected to serve as a national testbed for next-generation carbon management technologies and accelerate India's emergence as a global leader in climate-tech innovation.



IIT Bombay Deep-Tech Innovations Take Global Stage At Bharat Innovates 2026



After the successful completion of the Bharat Innovates Deep-Tech Pre-Summit 2026 held in IIT Bombay, representatives from 16 shortlisted deep-tech startups from IIT Bombay participated in **Bharat Innovates 2026**, a three-day event held during 14th-16th June, 2026, at the Palais des Expositions in Nice, France. They were amongst the 120 deep-tech startups handpicked from across the country. The event placed the startups before global venture capital, sovereign funds and innovation bodies from Europe and beyond. India's deep-tech ecosystem got a prominent international showcase there.

Bharat Innovates 2026 organized by the **Ministry of Education, Government of India**, with strategic guidance from the **Office of the Principal Scientific Adviser (PSA)**. As part of the India-France innovation partnership, the platform aimed to showcase India's research-driven technological capabilities and strengthen international collaboration in science, technology and entrepreneurship.

IIT Bombay, the Nodal Institution for Bharat Innovates 2026, spearheaded national coordination; institutional engagement across participating HEIs and CFTIs; strategic planning and programme execution and strategizing selection progress

Through Bharat Innovates 2026, IIT Bombay helped position India's innovation ecosystem on the global stage. The opening session on 14th June was held in the presence of **Prime Minister Narendra Modi** and **French President Emmanuel Macron**, signaling the

diplomatic weight the two governments placed behind the India-France innovation corridor.

The keynote was delivered by Infosys founder **N. R. Narayana Murthy**. Panels featured co-founder **Kris Gopalakrishnan**, Peak XV Partners Managing Director **Rajan Anandan**, SIDBI Chairman **Manoj Mittal** and Blume Ventures co-founder **Karthik Reddy**, alongside investors from Bertelsmann and Sony Ventures.

The event covered 13 strategic technology domains:

- Semiconductors
- Biotechnology
- Space & Defence
- Healthcare & MedTech
- Advanced Computing (AI, Cloud Computing & Quantum Technologies)
- Next-Generation Communications
- Advanced Materials & Critical Minerals
- Manufacturing & Industry 4.0
- Energy, Sustainability & Climate Change
- Smart Cities & Mobility
- Blue Economy
- Agri & Food Technologies
- Disaster Management & Resilience

Through startup exhibitions, investor engagements, innovation showcases, research-industry roundtables and partnership announcements, Bharat Innovates sought to accelerate technology commercialization, attract global capital, foster cross-border collaborations and position India as a leading global hub for deep-tech innovation.

Under the IIT Bombay pavilion, 5 deep-tech projects were showcased:

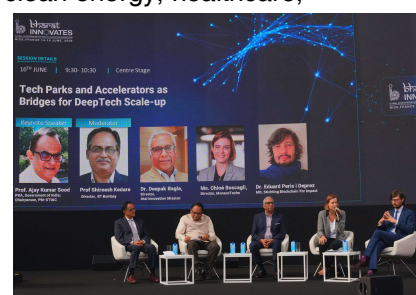
BharatGen	An open, multi lingual foundational AI for India's language and people
DhatuVerse	An AI-powered geostatistical platform for mineral exploration
TARA	An AI-tool for oral reading fluency assessment
SST	Solid State Transformers for powering future AI datacenters, fast EV chargers and renewable integration
Tandem Solar Cell	Next generation silicon-perovskite tandem cell technology

Names of startups incubated at SINE, IIT Bombay, which participated in Bharat Innovates 2026 in Nice, France:

Startup/ Company	Technology/ Product
Biotechnology	
AmyScan Healthcare Pvt Ltd	Aims to develop diagnostic tests for various illnesses by detecting and amplifying ultra-low concentrations of specific amyloid seeds in circulation or secretion
ImmunoAdoptive Cell Therapy Pvt Ltd	CaR-T cell immunotherapy technology platform for Cancer treatment
Healthcare and MedTech	
Ayati Devices Pvt Ltd	Portable Diabetic Foot Screening Device
Haystack Analytics Pvt Ltd	Provider of end-to-end solutions for At-Scale Genomics, for diagnostics and mapping of infectious diseases
Lifespark Technologies Pvt Ltd	Improving mobility in Parkinsons Disease through Artificial Intelligence
Space and Defence	
Bellatrix Aerospace Pvt Ltd	Orbital launch vehicles (rockets) and electric propulsion systems for satellites
Ideaforge Technology Pvt Ltd	UAV based security and surveillance solutions
Manustu Space Technologies Pvt Ltd	Developer of green propulsion systems and debris collision avoidance technology
Energy, Climate and Sustainability	
Inphlox Water Systems Pvt Ltd	Smart and decentralized Water Treatment Systems
Torus Robotics Pvt Ltd	Design and Development of Compact and Lightweight Axial Flux Motor for Electric Vehicles
Trinano Technologies Pvt Ltd	Solid state Nano coatings for solar panels are made of inorganic, ceramic & oxide materials, of approx. 400 nano meter thickness, are thermally & chemically stable and bio-compatible, and can last up to 10 years
UrjanovaC Pvt Ltd	Sustainable, practical & scalable technology for CO2 capture through an integrated approach
VDT Pipeline Integrity Solutions Pvt Ltd	Oil & Gas Pipeline Inspection & Intervention
Manufacturing and Industry 4.0	
Atomberg Technologies Pvt Ltd	Technology for energy efficient fans
Semiconductors	
iMumbai Semiconductor Pvt Ltd	DhruvaPro is an indigenous, reconfigurable navigation receiver RF front end for NavIC, GPS, Galileo, and BeiDou. The RF front end can be used for standard (civilian) and precise(military) positioning
Advanced Computing	
QuNU Labs Pvt Ltd	Quantum physics for unconditional data security

Bharat Innovates 2026 served as a platform for discussions on the future of deep-tech innovation. A panel moderated by **Prof. Milind Atrey**, Dy. Director (ART), IIT Bombay, highlighted the need for patient capital, long-term support and strong global networks. The discussion emphasized the potential of the PAN-IIT ecosystem to bridge research excellence and entrepreneurship while supporting innovation emerging from IITs and other research-focused institutions across the country. Prof. Atrey also participated in a strategic dialogue on building a bilateral innovation corridor between the French Riviera and India's IIT ecosystem. The discussion explored opportunities for collaboration in AI, clean energy, healthcare, cybersecurity, semiconductors etc.

A panel moderated by **Prof. Shireesh Kedare**, Director, IIT Bombay, highlighted how technology parks and innovation ecosystems can serve as critical bridges for scaling deep-tech ventures from research laboratories to global markets. IIT Bombay demonstrated how research-driven innovation can address global challenges, create societal impact and strengthen India's position as a leading hub for deep-tech entrepreneurship and technological advancement.



IIT Bombay Expands Global Innovation Partnerships At Bharat Innovates 2026

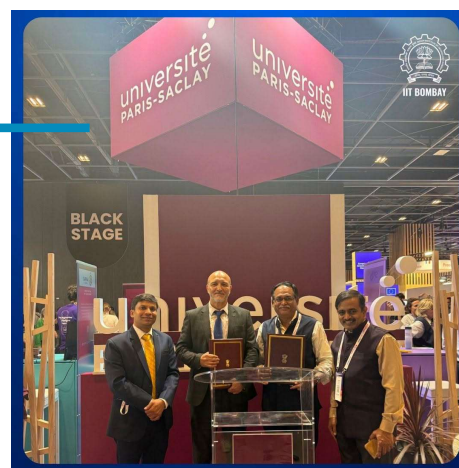
At **Bharat Innovates 2026** in Nice, IIT Bombay strengthened its global innovation footprint through a series of strategic partnerships with leading universities, research institutions, industry organizations and international technology initiatives. These collaborations span research, artificial intelligence, entrepreneurship, startup acceleration, deep-tech commercialization and biomedical innovation, reinforcing IIT Bombay's commitment to advancing global innovation and fostering impactful India–France partnerships.

MoUs signed:



IIT Bombay partnered with École Polytechnique, France to strengthen India–France collaboration in research, entrepreneurship and innovation, facilitating the exchange of ideas, talent and technologies while supporting the growth of deep-tech ventures through the proposed India–France Incubator Bridge.

IIT Bombay and Université Paris-Saclay signed two MoUs: one to establish an ICCR Chair Fellowship on AI for Cultural and Social Research and another to expand cooperation in technology translation, incubation and startup acceleration, advancing the India–France Incubator & Innovation Bridge.



IIT Bombay and BharatGen joined **Project Tapestry** through a Letter of Intent signed at Bharat Innovates 2026, contributing India's multilingual AI capabilities to a global consortium advancing frontier AI and reflecting India's growing role in shaping open, collaborative AI ecosystems worldwide.

IIT Bombay and Université Côte d'Azur partnered to foster cross-border research, innovation and entrepreneurship, strengthening the India–France Incubator and Innovation Bridge by connecting universities, innovation centres, startups and research institutions across both nations.



IIT Bombay and Blockchain for Impact (BFI) formalized a collaboration to support biomedical startups from ideation to market access, combining innovation, entrepreneurship and international ecosystem support to create solutions that deliver meaningful societal impact.

IIT Bombay Showcases Innovation At IInvenTiv 2026



IIT Bombay actively participated in **IInvenTiv 2026**, hosted by **IIT (ISM) Dhanbad** on 6th-7th April, 2026, showcasing its cutting-edge research and technological innovations through engaging exhibition stalls.

The event provided a valuable platform for interaction with innovators, industry leaders, policymakers and academic institutions from across the country. IIT Bombay's exhibits highlighted the Institute's commitment to creativity, technology and research-driven solutions

with real-world impact, receiving enthusiastic appreciation from visitors and stakeholders.

The Institute extends its gratitude to the students, faculty members and researchers whose efforts made the showcase a success, as well as to the organizing team at IIT (ISM) Dhanbad for hosting the event. The participation reaffirmed IIT Bombay's commitment to advancing innovation, fostering collaborations and creating solutions for societal benefit.

Padma Shri Conferred On Professor Emeritus Juzer Vasi And Mr. Shashi Shekhar Vempati For Outstanding Contributions



Prof. Juzer Vasi (Professor Emeritus at Department of Electrical Engineering), former Deputy Director of IIT Bombay and a distinguished academician - widely respected name in the field of semiconductors and microelectronics, has been conferred the **Padma Shri**, in recognition of his extraordinary lifetime contribution to science and engineering.



IIT Bombay alumnus **Mr. Shashi Shekhar Vempati** (B.Tech., Chemical Engineering, 1995), Chairperson, Central Board of Film Certification (CBFC), Co-founder of DeepTech for Bharat Foundation and former CEO of Prasar Bharati, has been conferred the **Padma Shri**, in recognition of his distinguished contributions to public service, technology, media and nation building.

The Institute congratulates them on this bestowed honour by the Government of India.

IIT Bombay Signs MoU With ICC At World Technology Convention 2026 To Advance Industry–Academia Collaboration



Prof. Milind Atrey delivered the plenary address on Research Innovation and Translation Ecosystem of IIT Bombay

The **Indian Chamber of Commerce (ICC)** had organized the World Technology Convention 2026 at the **Jio World Convention Centre**, Mumbai on 8th–9th May, 2026 with IIT Bombay as the Knowledge Partner for the convention.

A key highlight of the inaugural plenary was the **signing of an MoU between ICC and IIT Bombay** to strengthen industry-academia collaboration and further enhance IIT Bombay's industry engagement initiatives. The MoU was signed by **Prof. Milind Atrey**, Deputy Director (Academics, Research and Translation), IIT Bombay and **Mr. Rajiv Singh**, Director General, ICC, in the presence of **Prof. Shrikrishna V. Kulkarni**, Dean (Research and Development), IIT Bombay.



(From L - R) IIT Bombay functionaries Prof. Shrikrishna V. Kulkarni, Dean (R&D) and Prof. Milind Atrey, Deputy Director (ART) with Mr. Rajiv Singh, Director General, ICC during signing of the MoU

Speaking about IIT Bombay's translational research ecosystem, **Prof. Atrey** remarked, "At IIT Bombay, we execute nearly Rs.700 crore worth of research projects every year, but our goal is not research confined to laboratories. Through SINE, our Research Park and now TRYST, we are building an ecosystem where academia, industry, startups and students come together to translate deep research into technologies, companies and solutions that create real impact for society".

Several IIT Bombay faculty members and researchers contributed to the convention through expert talks and panel discussions, including **Prof. Ravindra Gudi**, Deputy Director (Finance, Infrastructure and Administration), **Prof. Mahesh Tirumkudulu**, **Prof. Rajesh Zele**, **Prof. Archak Mittal**, **Wing Cdr. Rohan Chandak (Retd.)**, **Prof. Majesh Hanawal** and **Prof. Jayendran Venkateswaran**.

IIT Bombay also showcased its multidisciplinary innovation ecosystem through the One IIT Bombay pavilion, featuring research and technology demonstrations across multiple verticals.

IIT Bombay Holds Commencement 2026



(From L-R) Dr. K. Radhakrishnan, Chairperson, Board of Governors, IIT Bombay; Chief Guest Dr. Samir V. Kamat and Prof. Shireesh Kedare, Director, IIT Bombay during Commencement 2026

IIT Bombay hosted **Commencement 2026** on 02nd May, at its Convocation Hall, celebrating the achievements of the students expected to graduate in the current academic year. **Dr. Samir V. Kamat**, Secretary, Department of Defence Research & Development (DD R&D) and Chairperson, Defence Research & Development Organisation (DRDO), Ministry of Defence, Government of India, graced the occasion as the Chief Guest.

In his Commencement address, **Dr. Samir V. Kamat** inspired the passing-out batch by sharing, *"Learning is a lifelong process. To succeed in life, you must be flexible, adaptive, willing to collaborate, ready to take calculated risks, continuously upgrade your skills and remain resilient through failures. The source of strength is science and technological sovereignty is essential for a nation to retain its ability to take independent decisions. It is the responsibility of the younger generation to ensure that India remains technologically self-reliant"*, he added.

Chief Guest Dr. Samir V. Kamat addressing the audience



Prof. Shireesh Kedare, Director of IIT Bombay, presented the Institute's Report for the academic year 2025-26, highlighting that IIT Bombay maintains its position as the top-ranked university in India and among the leading institutions globally. **Prof. Kedare** said, "We are transforming education from teaching-centric to learning-centric, where students actively participate, collaborate, innovate and connect classroom knowledge with society and industry. Research should not stop at 'know-how'; it must evolve into 'do-how' - creating technologies, products and solutions that are relevant to society, industry and national development. IIT Bombay is a melting pot of ideas, cultures and talent, where students learn not only academic excellence, but also collaboration, sensitivity and integrity. We are concentrating on frontier domains such as AI, sustainability and biomedical technologies so that India can emerge as a global leader in critical technology areas".



Emphasising the importance of "Knowing, Doing and Being", the Chairperson of the Board of Governors of IIT Bombay, **Dr. K. Radhakrishnan** said, "While knowledge and professional excellence are vital, character, conviction, courage and the ability to adapt to change will define true leadership and lasting contributions to society, the nation and humanity. Your hard work and intrinsic learning skills will pay off and your long odyssey will commence soon. Our nation wants you to help build its future as you wisely choose to create your own. Each one of you can strive to leave behind a legacy and be valuable to society, to our nation and to humanity at large".



In the afternoon session, approximately 2500 students — including around 1257 undergraduates, 1042 postgraduates and 189 PhD scholars — were invited to the dais to be congratulated by the Director, marking a memorable moment for the graduating class.

The ceremony was attended by members of the Board of Governors, faculty members, graduating students and their families. It was also broadcast live on IIT Bombay's official YouTube channel:

<https://www.youtube.com/c/IITBombayOfficialChannel>



Students taking the pledge during Commencement 2026

IIT Bombay Celebrates 12th International Yoga Day

IIT Bombay commemorated the **12th International Yoga Day** on 21st June, 2026. **Dr. Rajvi Mehta**, Clinical Embryologist and Senior Iyengar Yoga Teacher, was the Chief Guest. Around 100 people participated in the event held at the Badminton Court.

The event was graced by several functionaries including **Prof. Neela Nataraj**, Dean (Strategy) and Acting Director; **Prof. Suryanarayana Doolla**, Dean (Student Affairs); **Prof. Neeraj Kumbhakarna**, Team Yogastha Faculty mentor and **Mr. Ganesh Bhorkade**, Registrar.



Chief Guest Dr. Rajvi Mehta addressing the audience during the International Day of Yoga event, joined by Prof. Neela Nataraj, Prof. Suryanarayana Doolla, Prof. Neeraj Kumbhakarna and Mr. Ganesh Bhorkade

Numerous faculty members, officers, staff and students were also present to mark the occasion. The Chief Guest encouraged students to incorporate yoga in their daily lives. In the evening, many took on the **Yogathon challenge** of performing 108 rounds of **Suryanamaskar**, and most succeeded.

The International Day of Yoga is held on June 21 every year worldwide to create awareness about the various benefits of practising yoga. Yogastha, IIT Bombay hosts a variety of yoga sessions, workshops, lectures and contests throughout the year.

Students and teachers of KG School, Campus School and PM SHRI Kendriya Vidyalaya IIT Powai also celebrated International Yoga Day 2026 in their school premises.

As we pause, breathe and reflect, we recommit to a life of mindfulness, balance and well-being. Let's continue to build a culture where mental and physical wellness walk hand in hand with academic and professional excellence.



Inauguration Of The New Jalvihar Guest House



Prof. Shireesh Kedare, Director of IIT Bombay, along with the **Prof. Milind Atrey**, Deputy Director (Academics, Research and Translation) and **Prof. Ravindra Gudi**, Deputy Director (Finance, Infrastructure and Administration), inaugurated the newly-refurbished Jalvihar guesthouse on 2nd April, 2026, in the presence of other IIT Bombay functionaries.

True to its name, Jalvihar continues to charm with serene views of Powai Lake on one side and lush lawns with a tranquil pond on the other. Its iconic open-to-sky modernist architecture from the 1960s remains as fresh and inviting as ever.

Upgraded with new amenities for a more comfortable and seamless experience, it now offers:

- * 5 Suites
- * 16 Executive Rooms
- * 3 Standard Rooms
- * Seminar Room and Conference Room
- * Dining Hall and Mini Dining Hall

Thoughtfully upgraded to meet today's needs, Jalvihar offers the ideal setting for restful stays, productive meetings and special moments right in the heart of campus. The Director and Institute functionaries appreciated the Dean IPS team for their efforts.



IIT Bombay Hosts Industry Days On Robotics, AI And Drug Discovery

IIT Bombay organized two Industry Day events recently, bringing together researchers, industry leaders, innovators, faculty members, startups and policymakers to strengthen collaboration and accelerate innovation.



The **Industry Day on Robotics and AI**, held on 24th April 2026, featured keynote sessions, expert talks, panel discussions, prototype displays and poster presentations on intelligent robotics, autonomous systems, industrial automation,

collaborative machines and AI-driven solutions. The event highlighted IIT Bombay's interdisciplinary robotics ecosystem and fostered opportunities for joint research, technology development and long-term industry partnerships.



The **Industry Day on Novel Alternative Models (NAMs) in Drug Discovery**, held on 12th June 2026, focused on emerging technologies including single-cell data analysis, AI-enabled approaches, droplet microfluidics, organoids and organ-on-chip systems. Through faculty presentations, poster sessions, laboratory visits and panel discussions involving industry, CROs, startups, academia and regulators,

participants explored the future of drug discovery and identified key priorities for advancing the NAMs ecosystem in India.

Together, the two events showcased IIT Bombay's commitment to fostering academia-industry partnerships and advancing innovation in emerging areas of science and technology.

IIT Bombay Celebrates Earth Day

The Department of Earth Sciences at IIT Bombay celebrated 'Earth Day' on 22nd April, 2026.

Retired faculty **Prof. K. C. Sahu** was the Chief Guest of the function. Many faculty, staff, research scholars and more than 60 students from PM SHRI Kendriya Vidyalaya (KV), IIT Powai and IIT Bombay Campus School and Junior College, accompanied by their teachers attended the function.

They participated in 'Earth Walk' from CSRE side of Earth Sciences building to Nandan Nilekani Main Building, where **Prof. Milind Atrey**, Deputy Director (Academics, Research and Translation) joined them. The Chief Guest, HoD and faculty members also planted saplings on the occasion.

Drawing and essay writing competition was organized for KV and Campus School students. Participants were given certificates and winners were felicitated with prizes and certificates.



Faculty members and students participated in sapling plantation during Earth Day celebrations



Participants took part in the 'Earth Walk' across the IIT Bombay campus



Students and faculty with Prof. Milind Atrey, Deputy Director (ART) at the conclusion of the Earth Day celebration

IIT Bombay Celebrates World IP Day



Ms. Joyita Roy Sarkar



Ms. Pallavi Agarwal



Mr. Pinkesh Jain



Mr. Pankaj Bhagat



Glimpses of World Intellectual Property Day 2026 at IIT Bombay

The **World Intellectual Property Day 2026** was successfully organized on 30th April 2026, at IIT Bombay through a collaborative effort of the Industrial Research and Consultancy (IRCC) Centre and the Institution's Innovation Council (IIC). The theme of the IP Day was, **"IP and Sports: Ready, Set and Innovate!"** The event brought together faculty, students and staff to explore the significance of intellectual property rights (IPR), particularly in the context of sports and innovation.

The programme commenced with a welcome address by **Prof. Shrikrishna V. Kulkarni**, Dean (Research and Development), who emphasized the growing importance of intellectual property in academic research and industry collaboration. This was followed by Session I, where **Mr. Pinkesh Jain**, Joint Controller of Patents & Designs, IP Office, Mumbai delivered an insightful talk on **"Intellectual Property in Sports"**, highlighting the role of IP in protecting and promoting innovation within the sports sector.

During session II, **Ms. Joyita Roy Sarkar** and **Ms. Pallavi Agarwal** from IIT Bombay, discussed **"IP**

Management and Licensing in IIT Bombay", providing an overview of institutional practices and strategies for effective IP utilization and commercialization.

Session III was conducted by **Mr. Pankaj Bhagat**, Jurisdiction Head – IP and Client Relations at XLScout, who spoke on **"IP & Sports: Monetizing Innovation in a Competitive World"**, offering practical perspectives on leveraging IP assets in competitive markets.

The event concluded with a vote of thanks by **Dr. Aparna Sharma**, Research IPR Post-Doctoral Fellow at DSSE, IIT Bombay. The session witnessed participation from over 70 attendees, including faculty, students and staff, and was conducted in a hybrid mode via Zoom, with additional participation from individuals outside the IIT Bombay campus.

Overall, the speakers provided deep insights into the significance of IPR, its commercialization and its growing intersection with sports, aligning well with the theme of World Intellectual Property Day 2026.

Ground-Breaking Ceremony Of The Advanced Research Labs At IIT Bombay



Prof. P. Vedagiri, Dean (Infrastructure Planning and Support) highlighting the project's salient features

On 14th May 2026, IIT Bombay marked a significant milestone with the **ground-breaking ceremony** of its upcoming **Advanced Research Labs (ARL)**, a high-end facility for advanced research infrastructure envisioned to strengthen the Institute's advanced scientific and technological research ecosystem.

The event was graced by the august presence of **Prof. Shireesh Kedare**, Director of IIT Bombay, **Prof. Ravindra Gudi**, Deputy Director (Finance, Infrastructure and Administration),

Mr. Abhay Nadkarni, Committee member (NN315), along with Deans, Associate Deans, faculty members, end users, the project team of IPS office, Architect M/s AAD and other distinguished guests.

Mr. Kiran Janjalkar (Deputy Executive Engineer (Civil), IPS Office) welcomed the audience. The ARL facility is conceived as an integrated high-technology research campus comprising four specialized research blocks dedicated to Mechanical Engineering, Quantum Technology, Semiconductor Technology and Ocean Engineering.

Designed as a unified architectural expression responding sensitively to the site's natural topography, the sustainable building is targeted for a GRIHA 4-star rating. The facility will include a common administrative and interaction hub with workspaces, conference facilities, exhibition areas, and industry collaboration spaces.

The project incorporates a steel-framed PEB structural system enabling large column-free spans, modular adaptability and faster construction timelines. The facility will house advanced cleanroom laboratories, vibration-isolated equipment, high-end utility support systems and specialized experimental facilities.

The Director, IIT Bombay, appreciated the efforts of the IPS office team and reiterated IIT Bombay's continued commitment to creating world-class research infrastructure that fosters innovation, interdisciplinary collaboration and cutting-edge scientific advancement.



IIT Bombay Bags Best Education Brand 2026 Honour

The **Indian Institute of Technology Bombay** has been honoured with the '**Best Education Brands 2026**' award at the **9th edition of ET Edge Best Education Brands**, held on 26th March, 2026 at Sahara Star, Mumbai.

Prof. Ravindra Gudi, Deputy Director (Finance, Infrastructure and Administration), received the award on behalf of the Institute from **Dr. Gauri Kumar**, IAS (Retd), Former Secretary, Government of India.

This recognition reflects IIT Bombay's continued commitment to excellence in education, research, and innovation.



ANRF-PAIR Strengthens Research And Capacity Building At IIT Bombay

ANRF-PAIR, IIT Bombay, in collaboration with the **Wadhvani Electronics Laboratory (WEL)**, IIT Bombay, successfully conducted the **Invitational Faculty Workshop: WEL Course Work Demonstration** for faculty members from partner Spoke institutions on 18th April, 2026. The workshop showcased WEL's course portfolio, in-house hardware platforms and hands-on experimental modules while facilitating discussions on laboratory infrastructure and adoption strategies across institutions.

The initiative was further strengthened by the visit of **Dr. Shivkumar Kalyanaraman**, Chief Executive Officer, Anusandhan National Research Foundation (ANRF), who interacted with **Prof. Vikram M. Gadre**, Project Director (ANRF-PAIR, IIT Bombay) and the Hub team on 22nd May, 2026.

Discussions focused on expanding cross-institutional collaboration, enhancing capacity-building efforts and accelerating research translation for societal impact. The visit reaffirmed ANRF-PAIR's commitment to building a robust, self-reliant and innovation-driven national research ecosystem.



PwD Cell At IIT Bombay Hosts Programme On Inclusive Technologies



The **Person with Disability (PwD) Cell** at **IIT Bombay** organized a comprehensive awareness programme on assistive technologies on 28th April 2026, based on the theme *"Innovation is only truly advanced when it is inclusive"*.

The initiative aimed to empower PwD participants by introducing technologies that support daily activities and professional work, helping improve productivity, independence, and equal participation.

The programme began with a welcome address by **Prof. Nand Kishore**, Dean (Administrative Affairs) and **Prof. Ratikanta Panda**, Convener, PwD Cell, IIT Bombay, followed by live demonstrations, expert sessions and motivational talks.

Leading organizations showcased their innovations, including *Torchit Electronics* (sensory and learning solutions), *Ottobock* (microprocessor-controlled prosthetics and mobility aids), *Umbrella Palm* ("Kibo" device for inclusive reading in 60+ languages) and *Yashovani* (recorded study materials for the visually challenged).

Additionally, *Access For ALL (AFA)* and the *Deepstambh Foundation* emphasized accessibility audits and quality education for all. Participants also gained insights from professionals sharing their journeys while navigating challenges, making the event a strong platform for awareness, knowledge-sharing and workplace inclusion.



IIT Bombay Celebrates World Bicycle Day

The Institute Sports Council, IIT Bombay, organized a bicycle rally titled **"Sunday on Cycles"** on 7th June, 2026, in celebration of **World Bicycle Day 2026**.

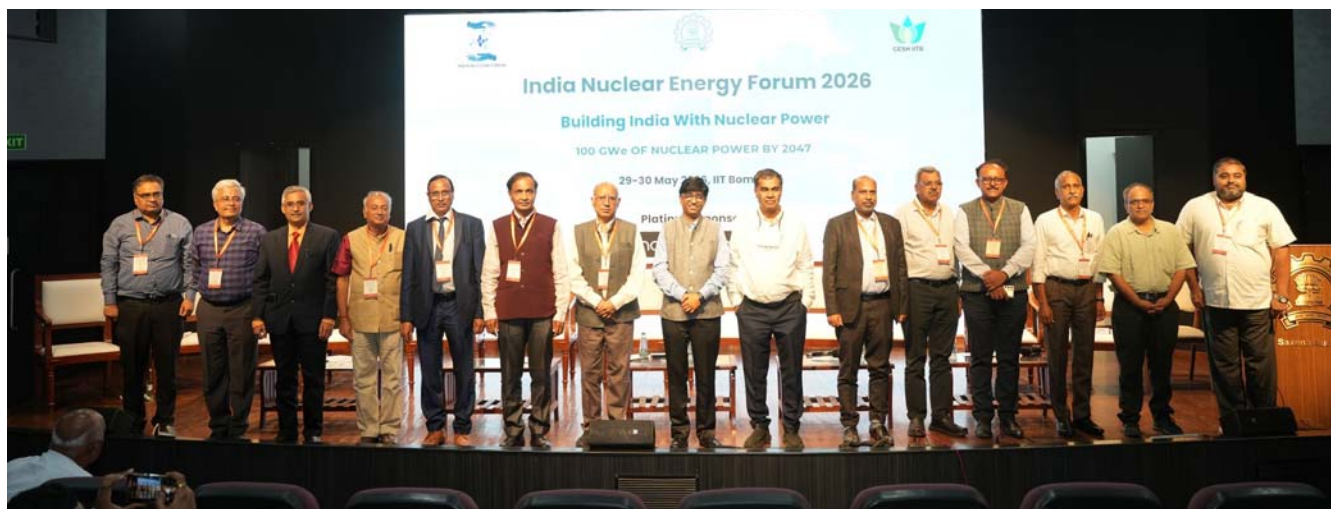
Conducted under the aegis of the **Fit India Movement**, the event aimed to promote physical fitness, sportsmanship, sustainable mobility and environmental awareness among the campus community.

Approximately 200 participants from the campus community, including students, faculty members and residents, enthusiastically joined together to celebrate the joy of cycling. The route spanned a total distance of 6 kms, mapped as a 3-kms loop completed twice, offering a well-paced and enjoyable experience for riders of all fitness levels. The rally was flagged off by **Prof. Suryanarayana Doolla**, Dean (Student Affairs), IIT Bombay.

The event reflected IIT Bombay's commitment to fostering healthy lifestyles and environmentally responsible practices. By encouraging cycling as a sustainable mode of transport and recreation, the initiative highlighted the collective role of the community in building a healthier, greener and more sustainable future.



India Nuclear Energy Forum (INEF) 2026 Concludes At IIT Bombay; National Action Plan Formulated To Accelerate India's 100 GWe Nuclear Target Post SHANTI Bill



The **India Nuclear Energy Forum (INEF) 2026**, organised at IIT Bombay on 29th–30th May, 2026, brought together approximately 350 participants from more than 180 organisations across India, Denmark, France, Japan, Singapore, the UK and the USA. The forum served as a national platform for policymakers, industry leaders, regulators, researchers, startups, and international experts to discuss strategies for accelerating India's nuclear energy programme and achieving the national target of 100 GWe nuclear power capacity by 2047.

Jointly organized by the **Department of Energy Science and Engineering (DESE)**, IIT Bombay, the **IIT Bombay Research Hub for Green Energy and Sustainability (GESH IITB)**, **ProSIM R&D Pvt. Ltd.**, and the **India Energy Network**, the forum served as a national platform for dialogue on nuclear energy development in the post-SHANTI Bill era. **Prof. Suneet Singh** and **Prof. Venkatasailanathan Ramadesigan** were the conveners while **Prof. Shireesh Kedare** (Director) was the Patron from IIT Bombay.

The inaugural session featured addresses by **Prof. Shireesh Kedare**, Director, IIT Bombay; **Prof. Suneet Singh**, IIT Bombay; **Dr. S. Shamasundar**, Managing Director, ProSIM; **Dr. Anil Kakodkar**, Former Chairman, Atomic Energy Commission of India; **Shri D. K. Shukla**, Former Chairman, AERB; **Dr. A. K. Nayak**, Former Head, NCPW, DAE; and **Mr. Anil Parab**, Whole-Time Director, L&T.

Through 12 thematic sessions, participants discussed prospective new nuclear operator concerns and expectations, nuclear supply chains, advanced reactor technologies including SMRs and MMRs, fuel supply, economics, human resource development, startups and MSMEs, collaborative R&D, industry-academia partnerships and international best practices for nuclear power deployment.

The forum concluded with a Valedictory Session chaired by **Prof. Sanjay Mahajani**, former Professor-

in-Charge, GESH IIT Bombay and graced by **Prof. Abhay Karandikar**, Hon'ble Member, NITI Aayog, as Chief Guest. He emphasized that achieving India's nuclear ambitions will require a coordinated ecosystem involving government, industry, academia, startups, regulators, financial institutions and international partners, supported by public trust, stable policies, and effective execution.

Reflecting on the success of the forum, **Prof. Shireesh Kedare**, Director, IIT Bombay, stated: *"INEF 2026 has provided a unique platform for bringing together diverse stakeholders to discuss the opportunities and challenges of India's nuclear energy expansion. Such collaborative efforts are essential for building the technological capabilities, skilled workforce and innovation ecosystem needed to support the country's long-term clean energy and energy security goals".*

Dr. Anil Kakodkar warned of the Uranium resource depletion and supply chain shocks which are imminent within a decade or two. He suggested that the way out of this conundrum clearly is Thorium and emphasized increased R&D in Thorium. He took the example of Chinese University efforts in R&D that have resulted in a commercially operational SMR, after decades of research.

Dr. S. Shamasundar, Hon. Director of India Nuclear Forum, and Managing Director, ProSIM R&D Pvt. Ltd. Convener of forum, noted: *"There is a dire need to create a holistic, sustainable and robust nuclear energy ecosystem in India comprising of all stakeholders. India Nuclear Forum will strive to create such a ecosystem to accelerate India's vision of 100 GWe of nuclear energy".*

The recommendations emerging from INEF 2026 will be compiled and shared with relevant stakeholders to support India's long-term nuclear energy roadmap and the development of a safe, reliable and globally competitive nuclear energy ecosystem.

Energy Day 2026

Energy Day 2026, organized by the **Department of Energy Science and Engineering, IIT Bombay**, brought together leading experts from academia, industry and policymaking on 11th April, 2026. Held in partnership with TotalEnergies, the event provided a platform to examine the technological, economic and policy dimensions shaping the future of energy.

The programme commenced with opening remarks by **Prof. Ravindra D. Gudi**, Deputy Director (FIA), IIT Bombay, followed by a keynote address by **Dr. Sangkaran Ratnam**, Chairman and Managing Director, TotalEnergies Gas and Power Projects India Pvt. Ltd. A key



highlight of the event was the panel discussion on **"The Energy Trifecta: Efficiency, Transition, and Security,"** featuring **Prof. Mayank Pareek** (Shailesh J. Mehta School of Management, IIT Bombay), **Prof. Satish Agnihotri** (Emeritus Fellow, Centre for Technology Alternatives for Rural Areas, IIT Bombay), **Mr. Atul Deo** (Technical Director and Sustainability Officer, Total Energies) and **Mr. Shelly Abraham** (Executive Director, Bharat Petroleum Corporation Limited). The panel explored the opportunities and challenges associated with the global energy transition and the path toward a more resilient energy future.

Through expert discussions, interactive Q&A sessions and networking opportunities, Energy Day 2026 fostered meaningful dialogue on advancing sustainable, secure and efficient energy systems.

Notification

Prof. Himanshu Bahirat, Department of Electrical Engineering, has been appointed as the new Associate Dean (Student Affairs) w.e.f. 2nd June, 2026

Prof. Makarand Kulkarni, Department of Mechanical Engineering, has been appointed as the first Professor-in-Charge of Centre for Defence Technology Innovations and Strategies w.e.f. 31st March, 2025

Prof. Bakul Rao, has been appointed as the next Head of the Centre for Technology Alternatives for Rural Areas w.e.f. 11th May, 2026

Prof. Viren Menezes, has been appointed as the next Head of Department of Aerospace Engineering w.e.f. 14th May, 2026

Prof. George Mathew, has been appointed as the next Head of Department of Earth Sciences w.e.f. 14th May, 2026

Prof. Varadraj Bapat, has been appointed as the next Head of Shailesh J. Mehta School of Management w.e.f. 26th May, 2026

Prof. Parag Chaudhari has been appointed as the first Associate Head of the Department of Computer Science and Engineering w.e.f. 01st April, 2026

Prof. Dipak Gupta, Honorary Professor of Practice at Shailesh J. Mehta School of Management, has been appointed as the first Co-Professor, Incharge, Motilal Oswal Centre for Capital Markets (MOCCM) w.e.f. 8th June, 2026

Prof. Rakesh Mote, Department of Mechanical Engineering, has been appointed as a Warden, Hostel No. 04 w.e.f. 23rd February, 2026

Prof. Aswani Yella, Department of Metallurgical Engineering and Materials Science, has been appointed as a Warden, Hostel No. 17 w.e.f. 11th June, 2026

Prof. Rajbabu Velmurugan, Department of Electrical Engineering is appointed as a Warden, Hostel No. 07 and 08 w.e.f. 21st July, 2025

Prof. Anjishnu Choudhury, Department of Mechanical Engineering, has been appointed as an Associate Warden, Hostel No. 07 and 08 w.e.f. 09th September, 2025

Mr. Chintamani P Joglekar, Joint Registrar (P) has been assigned Academic Section, Placement Cell and Public Relations Office w.e.f. 07th May, 2026

IIT Bombay Licenses Battery Recycling Technology To Evergreen Lithium Recycling Pvt. Ltd.



Prof. Shrikrishna V. Kulkarni, Dean (R&D), IIT Bombay and Mr. Rajesh Gupta, Founder and MD, Evergreen Lithium Recycling Pvt. Ltd., with other functionaries during signing of the MoU

IIT Bombay has signed a technology licensing agreement with **Evergreen Lithium Recycling Pvt. Ltd.** on 5 May 2026 to advance the extraction of battery precursor-related critical minerals and improve efficiency in battery recycling operations.

The agreement was signed by **Prof. Shrikrishna V. Kulkarni**, Dean (Research and Development), IIT Bombay and **Mr. Rajesh Gupta**, Founder and Managing Director, Evergreen Lithium Recycling Pvt. Ltd., in the presence of **Prof. Swatantra Pratap Singh**, Environmental Science and Engineering Department, IIT Bombay and others.

The collaboration marks an important step towards developing scalable, technology-led solutions for India's growing circular economy. The licensed technology is expected to deliver 30–40% processing cost optimization while enhancing overall process efficiency, contributing to stronger capabilities in urban mining, battery recycling and resource recovery.

The innovative technology has been developed by **Prof. Swatantra Pratap Singh** and his research team from IIT Bombay's Environmental Science and Engineering Department. Speaking on the development, **Prof. Singh** said, *"Waste-to-wealth technologies are becoming critical for India's sustainable future, resource security and circular economy goals. Our research group is developing advanced membrane and electrochemical technologies to recover clean water, nutrients, lithium,*



rare-earth elements, acids and other critical minerals from wastewater and industrial waste streams. Membranes are emerging as one of the most critical technologies enabling selective, energy-efficient and sustainable resource recovery. The laboratory's research focuses on converting waste into valuable resources while supporting India's priorities in clean energy, wastewater reuse, critical mineral security and moving towards Atmanirbhar Bharat".

At a time when India is prioritizing critical mineral security and localization of battery supply chains, this partnership reinforces IIT Bombay's continued commitment to supporting the country's energy transition and electric mobility ecosystem.

IIT Bombay Signs MoU With IAF To Pioneer Predictive Maintenance For Su-30 MKI Aircraft



Air Marshal KAA Sanjeeb, AVSM, VSM Director General (Aircraft), IAF and Prof. Shireesh B Kedare, Director, IIT Bombay along with other functionaries during signing of the MoU

On 27th May, 2026, **Indian Air Force** signed three contracts with IIT Bombay towards adoption of predictive maintenance for IAF's Su-30 MKI aircraft. This is a stepping-stone for pathbreaking technology of using advanced technology for prognostic and prescriptive maintenance, which will be developed using fully indigenous know-how evolved at IIT Bombay. This paradigm shift will strengthen IAF's operational readiness, deepen technical self-reliance and accelerate the march of Indian aerospace technology towards the frontiers of predictive, data driven engineering.

This collaboration is in line with the commitment of IAF and IIT Bombay towards Aatmanirbharta in strategic technologies of the next generation and also showcases the technological prowess of our academia to develop futuristic systems in India.

The contract signing ceremony was presided over by **Air Marshal KAA Sanjeeb**, AVSM, VSM Director General (Aircraft), IAF and **Prof. Shireesh Kedare**, Director, IIT Bombay, in the presence of **Prof. Milind Atrey**, Deputy Director (ART), **Prof. Asim Tewari**, **Prof. Makarand Kulkarni** and others.

IIT Bombay And Goldi Solar Sign Research Collaboration Agreement

The **Indian Institute of Technology Bombay** and **Goldi Solar Private Limited** formally entered into a **Research Collaboration Agreement** on 14th May 2026, marking the beginning of a strategic partnership in the field of renewable energy and solar technology.

The collaboration is aimed at advancing research and innovation in solar modules, with a strong focus on process optimization, advanced metrology techniques, defect analysis and reduction and other research areas that may be mutually identified by both parties during the course of the collaboration.

Through this collaboration, the institution seeks to combine academic excellence with industry expertise to address technological challenges and contribute towards the development of efficient and sustainable solar energy solutions.

This engagement is expected to create opportunities for collaborative research projects, knowledge exchange, technology development and future industry-academia interactions that will further strengthen innovation in the renewable energy sector.

Both Indian Institute of Technology Bombay and Goldi Solar Private Limited look forward to a long-term and fruitful association that will promote impactful indigenous research, technological advancement and meaningful contributions towards India's clean energy mission.



Mr. Dhruv Dholakiya, Director, Goldi Solar with Prof. Shrikrishna V. Kulkarni, Dean (R&D) and others

Bajaj Finserv And IIT Bombay Sign MoU To Strengthen Industry–Academia Collaboration In Frontier Technologies



Mr. Sanjiv Bajaj, Chairman and MD, Bajaj Finserv Ltd., and Prof. Shireesh Kedare, Director, IIT Bombay, during the MoU exchange ceremony in the presence of other functionaries

Bajaj Finserv Ltd. and **IIT Bombay** signed an MoU on 27th May 2026, marking the beginning of a strategic industry–academia collaboration focused on research, innovation, talent development and technology translation.

The MoU was signed by **Mr. Sanjiv Bajaj**, Chairman and Managing Director, Bajaj Finserv Ltd. and **Prof. Shrikrishna. V. Kulkarni**, Dean (Research and Development (R&D)), IIT Bombay in the presence of **Prof. Shireesh Kedare**, Director, IIT Bombay; **Prof. Milind Atrey**, Deputy Director (Academics, Research and Translation (ART), IIT Bombay and senior leadership from both institutions.

The partnership establishes a broad framework for collaboration across multiple domains, bringing together faculty, researchers, students from IIT Bombay with professionals from Bajaj Finserv Ltd. Joint research opportunities will be explored in frontier technological areas such as AI, Cybersecurity, Quantum Computing, Retail Experience Center Design and many more.

Speaking on the occasion, Mr. Sanjiv Bajaj expressed confidence that the collaboration with IIT Bombay would lead to impactful joint research initiatives. Prof.

Shireesh Kedare highlighted the importance of deeper industry–academia engagement in translating academic research into real-world applications and achieving scalable societal and industrial impact.

Senior leadership present at the event included **Mr. Rajeev Jain**, Vice Chairman and MD; **Mr. Manish Jain**, Deputy CEO; **Mr. Anurag Chottani**, COO; **Mr. Mudit Mehrish**, Chief Information Officer and **Mr. Saurabh Sharma**, SVP – Finserv Intelligence from Bajaj Finance Ltd.

During the event, Prof. Milind Atrey shared his thoughts on IIT Bombay's research, innovation and translation ecosystem. Faculty members including **Prof. G. Sivakumar**, **Prof. Sunita Sarawagi**, **Prof. Nishant Sharma**, **Prof. Himadri Dhar**, **Prof. Ganesh Ramachandran** and **Prof. Upendra Bhandarkar**, Dean (Alumni and Corporate Relations) were also present on the occasion.

As an umbrella agreement, the MoU will also facilitate talent acquisition by Bajaj Finserv Ltd. and its group companies, explore industry co-location opportunities on the IIT Bombay campus, support educational outreach and capability-building initiatives.

IIT Bombay Hosts International Delegation From Austria

Prof. Sudarshan Kumar, Dean (International Relations), IIT Bombay, along with his team, had the privilege of meeting **Mr. Wolfgang Hattmannsdorfer**, Hon'ble Federal Minister of Economy, Energy and Tourism, Austria; **H.E. Dr. Robert Zischg**, Ambassador of Austria to India and **Mag. Florian Frauscher**, MLS, Head of the Federal Ministry of Economics, Energy and Tourism on 13th April, 2026.

The interaction also included representatives from Austrian Technical Universities - **Mr. Clemens Weihs**, Team Lead, Strategic Partnerships; **Dr.-Ing. Susanne Feiel**, Director, International Relations, Montanuniversität Leoben and **Dr. Christian Hoffmann**, Senior Advisor, Innovation and Equity Management, TU Wien.



During the meeting, the Hon'ble Minister emphasized strengthening collaboration between the Technical Universities of Austria and IIT Bombay. He outlined a progressive engagement model beginning with joint research and development initiatives, followed by expansion into educational programmes such as joint and dual Master's degrees and doctoral programmes, along with structured academic mobility pathways.

The discussions also highlighted innovation and start-up ecosystems as key areas of collaboration. Prof. Kumar shared insights into IIT Bombay's vibrant entrepreneurship ecosystem, industry partnerships and translational research initiatives. The meeting also included discussions on the existing collaborations between IIT Bombay and Austrian Technical Universities—Montanuniversität Leoben, TU Wien and TU Graz, and opportunities to further strengthen these partnerships. The interaction marked a significant step forward in advancing academic and research collaborations between IIT Bombay and Austrian Technical Universities.

IIT Bombay Hosts Youth Delegation From Central Asia



IIT Bombay was delighted to host a **100-member Central Asian youth delegation** from Tajikistan, Kazakhstan, Turkmenistan, Kyrgyzstan and Uzbekistan on 25th March, 2026. The visit was coordinated by the **Ministry of Youth Affairs and Sports, Government of India**.

Prof. Suryanarayanan Doolla, Dean (Student Affairs) presented an engaging overview of student life and campus activities while **Prof. Pratibha Sharma**, Associate Dean (Academic Programmes) presented on academic programmes. Staff of office of the Dean (International Relations), briefed the delegates on international programmes and global partnerships at IIT Bombay.

A guided campus tour showcased the vibrant infrastructure and academic environment of IIT Bombay, offering the delegates a glimpse into the Institute's dynamic learning ecosystem.

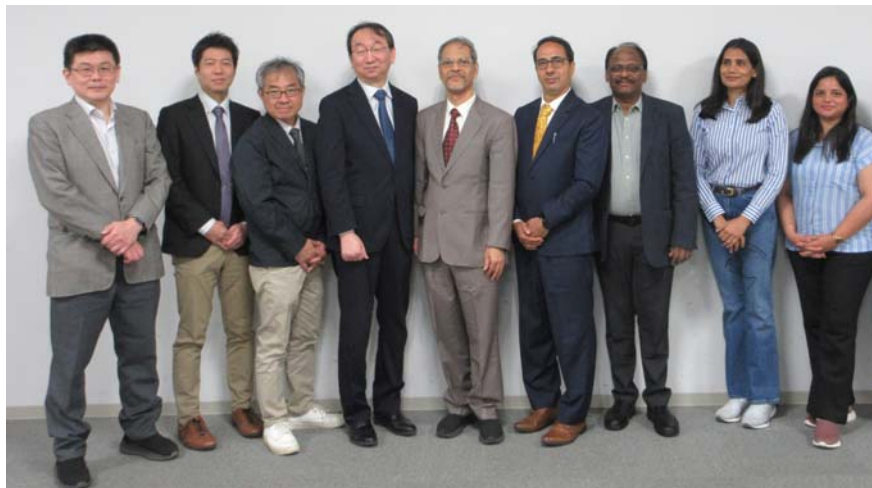
The office of the Dean (International Relations) expresses its sincere gratitude to the teams from the Ministry of External Affairs, the Ministry of Home Affairs and the Ministry of Youth Affairs and Sports for their valuable coordination and support. IIT Bombay looks forward to welcoming such youth delegations in the future and strengthening international engagement and cultural exchange.

IIT Bombay Expands Horizons Through International Academic Collaboration

The **Office of International Relations at IIT Bombay** actively advanced the Institute's international engagement through strategic participation in key academic events and institutional visits across Kazakhstan, Russia and Japan during May–June 2026.

Japan | Strengthening Indo-Japan Academic Collaboration

As part of IIT Bombay's continued efforts to strengthen academic and research collaborations with Japan, **Prof. Sudarshan Kumar**, Dean (International Relations) and **Prof. P. Seshu**, Professor-in-Charge of the IIT Bombay–Japan Collaboration Cell, along with members of the Office of International Relations, visited Japan during 11th–15th May, 2026.



The visit focused on expanding IIT Bombay's engagement with leading Japanese universities and research organizations in light of the growing opportunities for student mobility, research partnerships and fellowship programmes between the two countries. The delegation held discussions with senior representatives from Hokkaido University, Hiroshima University, Tokyo University of Science, Japan Science and Technology Agency, the Embassy of India in Japan and the Hokkaido Government.

The visit strengthened awareness of IIT Bombay's academic capabilities while identifying new opportunities for collaboration and supporting the effective utilization of expanded fellowship opportunities, fostering sustainable long-term Indo-Japan partnerships.

Russia | HSE University International Partners' Week 2026



The Office of International Relations, IIT Bombay participated in the **HSE University St. Petersburg International Partners' Week (IPW) 2026**, held during 18th–22nd May 2026 in **Saint Petersburg, Russia**, to strengthen international partnerships and explore new avenues for academic and research collaboration. The event welcomed more than 100 delegates from over 45 universities across 20 countries and focused on global academic dialogue, internationalization, academic mobility, artificial intelligence and emerging models

of university collaboration. The programme featured panel discussions, lectures, workshops, networking sessions and a student fair, fostering meaningful engagement among institutions worldwide.

The IIT Bombay delegation included **Prof. Sudarshan Kumar**, **Prof. Nagendra Kumar** (Department of Aerospace Engineering), **Prof. Avradeep Pal** (Department of Physics) and members of the Office of International Relations.

As one of IIT Bombay's key strategic partners, HSE University collaborates with the institute through student mobility programmes, academic exchanges and research initiatives, including ongoing collaborations between the Department of Physics and HSE University.

Kazakhstan | Asian Universities Alliance Summit 2026

IIT Bombay participated in the **Asian Universities Alliance Summit 2026**, hosted by **Nazarbayev University in Astana, Kazakhstan** on 1st-2nd June, 2026. The summit brought together university leaders, researchers and policymakers from leading Asian institutions to discuss the future of higher education, governance innovation, industry engagement and regional collaboration.



Prof. Sudarshan Kumar, Dean (International Relations), represented IIT Bombay and chaired the Working Group on Financial Sustainability, leading discussions on strengthening the long-term sustainability of higher education institutions across the Asian Universities Alliance network.

The Asian Universities Alliance (AUA) is an active consortium of which IIT Bombay is a proud member, fostering cooperation among leading Asian universities in education, research, innovation and student mobility.

The Summit provided an excellent platform to exchange ideas, strengthen partnerships and explore new opportunities for academic and research collaboration across Asia. IIT Bombay remains committed to advancing international engagement, promoting student and faculty mobility and contributing to collaborative initiatives that address global challenges.

SATU Gathering 2026 At IIT Bombay

The Institute proudly hosted the **SATU Gathering 2026** during 17th-18th March 2026, bringing together 44 participants from industry, the Indian government and academia, representing 18 universities across 7 countries in the SATU network.

The gathering focused on strengthening collaboration in the semiconductor domain, with rich discussions on translational research, innovation ecosystems, and industry-academia partnerships. Through expert talks, panel discussions and networking sessions, participants explored pathways from research to real-world impact. By fostering dialogue across academia, industry and policymakers, the event embodied a true "triple helix" approach to innovation, laying the groundwork for deeper regional collaboration and future partnerships.



As the SATU Chair University, IIT Bombay remains committed to advancing cross-border collaboration, talent development and technological innovation to build a stronger, more connected innovation ecosystem across the region.



IIT Bombay Participates In U7+ Presidential Summit 2026 In Paris



French President Emmanuel Macron (center, first row) and Prof. Shireesh Kedare, IIT Bombay Director (first from left, first row), with the U7+ Presidential Summit 2026 Committee

The **2026 U7+ Presidential Summit** took place in Paris during 14th-15th April, 2026, as an official G7 France side event under the central theme of the Social Role of Universities.

Hosted by Sciences Po, Université Paris Cité and École Polytechnique, the Summit brought together 85 university leaders, from 37 Universities representing 14 countries, to engage in discussions structured around the Alliance's three core pillars: robust democracies, planetary priorities, and multilateral engagement.

The pivotal moments that marked the Summit included:

- Presentation of the U7+ 2026 Communiqué to the French President Emmanuel Macron at the Palais de Élysée by the extended U7+ Presidential Steering Committee. The Communiqué signed by 37 U7+ Presidents invites G7 governments to partner with universities to better face global challenges
- Introductory remarks from the French Minister for Higher Education, Research and Space Philippe Baptiste at the Gala dinner

- Keynote from Nobel Prize Winner Professeur Jean Tirole

On behalf of Indian Institute of Technology Bombay, **Prof. Shireesh Kedare**, Director, IIT Bombay and **Prof. Milind Atrey**, Deputy Director (ART), IIT Bombay attended the Summit to mark its consistent support and commitment towards the objectives and goals set by the U7+ alliance.

Further, Prof. Kedare chaired the session titled **'Coexisting with AI: a focus on AI and Business'** forming the part of Summit scheduled on 15th April, 2026. During the session, he invited panelists to express their views on what concrete measures can be introduced to integrate philosophy, economics and law into our curricula to prepare future business leaders for the ethical challenges of AI? and as AI moves from the lab into the business world, how can universities ensure that this technology is not only productive but also trustworthy and adapted to local realities?

The summit successfully laid the groundwork for future cooperation.



Institute Colloquium / Lectures

Mr. Anubhav Saxena, Chief R&D Officer, Pidilite Industries Limited, delivered Mrs. Sarla Doshi Memorial Lecture titled *"From Idea to Impact: Design Thinking Approach"* on 1st April, 2026

IIT Bombay Celebrates World Environment Day 2026

The **Environmental Science and Engineering Department (ESED)**, IIT Bombay, observed **World Environment Day 2026** on 5th June 2026 under the theme *"Inspired by Nature: For Climate. For Our Future"*. The event brought together policymakers, academics, industry experts, researchers, students and community members to discuss pressing environmental challenges and sustainable solutions.

The programme was inaugurated by **Prof. Ravindra Gudi**, Deputy Director (FIA), IIT Bombay. Distinguished speakers included **Dr. Nitin Kareer**, Former Chief Secretary, Government of Maharashtra; **Prof. Amita Bhide**, Professor, Tata Institute of Social Sciences (TISS), Mumbai; **Prof. N. C. Saha**, Former Director, Indian Institute of Packaging; **Mr. Kedar Sohoni**, Founder, Green Communities Foundation; **Prof. Pradip Kalbar**, Professor, ESED, IIT Bombay; **Prof. Sanjeev Chaudhari**, Professor, ESED, IIT Bombay and **Prof. Subhankar Karmakar**, Professor and Former Head, ESED, IIT Bombay.

The talks addressed key themes including climate risk, water governance, sustainable packaging, plastic waste management and climate resilience. A key highlight of the event was the presentation on the **IIT Bombay Arsenic Filter**, showcasing IIT Bombay's research-driven efforts to provide affordable and effective solutions for safe drinking water. About 80 attendees, including students, faculty members, research scholars and external guests, marked their attendance.



Together, the World Environment Day celebration reinforced IIT Bombay's commitment to fostering environmental awareness, advancing sustainability research and creating practical solutions for a greener future.

As part of the celebrations, the **IIT Bombay Research Hub for Green Energy and Sustainability (GESH IITB)** also organized a **Campus Sustainability Tour**, offering students, staff and their families an opportunity to explore the Institute's sustainability initiatives firsthand. Participants visited the campus's composting and biogas facilities, pelletization and gasification plants, greywater treatment systems and the innovative sustainable housing project developed by Team Shunya. The tour highlighted how IIT Bombay integrates research, innovation and operational practices to advance environmental sustainability.



Research in focus

A living nano-assembly to tackle pollution from stubborn textile dyes in wastewater

By pairing marine bacteria with graphene oxide sheets, IIT Bombay researchers show how dyes in wastewater can be trapped and fully broken down.

Brightly coloured clothes often come at a hidden cost. The dyes that give fabrics their rich shades often end up in wastewater, flowing from textile units into rivers and soil. Many of these dyes do not break down easily. They persist in the environment, block sunlight in water bodies, and harm living organisms.

Industries already use several methods to deal with dye pollution. The most common approach relies on adsorbent materials such as activated carbon, zeolites, and polymeric resins, which trap dye molecules. While this process effectively removes the dye from water, it does not completely solve the problem. The trapped dye remains intact and is often dumped elsewhere, where it can seep into soil or landfills.

Biological treatments offer another route. Certain bacteria can break down dye molecules, making this a more complete solution. But these systems are slow and often struggle in harsh conditions, especially in wastewater that contains high salt levels.

A research team from the Indian Institute of Technology Bombay, led by **Prof. Shobha Shukla**, along with collaborators from the National Institute of Oceanography, Goa, set out to address this gap. Their innovative approach imparts dual functionality to an engineered material by integrating dye-capturing capability with a bacterial component that degrades the absorbed dye molecules. This synergistic approach paves the way towards a more sustainable and comprehensive solution to dye pollution. Their study was recently published in the *Journal of Materials Chemistry A*.

The researchers built a small bio-nano system using graphene oxide nanosheets and a marine bacterial



Credits: Adedoyin Aderomola via pexels.com

strain known as *Bacillus* NAG1. This bacterium was isolated from mangrove environments, where microbes are naturally exposed to changing conditions and pollutants.

"These bacteria are more robust in nature, compared to standard laboratory strains and can survive in saline conditions. Marine bacteria tolerate extreme environments like high salinity, high pH and temperature," says **Prof. Shukla**.

To capture dye molecules, the researchers used graphene oxide, a thin nanosheet material with a high surface area that disperses well in water and binds efficiently to pollutants. It also provides a surface for bacteria to attach, making it suitable for combining material-based and biological treatments. Although graphene oxide can have antibacterial effects, this depends on its concentration. At controlled levels, it can support bacterial activity while still trapping dyes, making it more effective than materials that only adsorb pollutants.

To find the right balance, the team tested how live marine bacteria responded to different concentrations of graphene oxide, tracking their growth and attachment

using standard lab methods and microscopy. They found that at low to moderate concentrations, the bacteria remained active and attached to the nanosheets, while higher concentrations of graphene oxide reduced their activity. The team identified an optimal range of graphene oxide concentration that supported both bacterial growth and dye degradation. *"By attaching marine bacteria on graphene oxide nanosheets, we created a system where the material adsorbs the dye and makes it more accessible for bacterial degradation,"* explains **Dr. Neha Redkar**, the first author of the study.

This setup also helps to solve a practical problem. Free-floating bacteria can get washed away in polluted water. Anchoring them onto a surface such as graphene oxide keeps them in place and active.

The researchers tested this system on two commonly used dyes, Azure A and Azure B, known for their stable structure and resistance to breakdown. When treated with the bio-nano system, most of the dye disappeared within about 24 hours, with removal efficiencies close to 95%.

While graphene oxide-bacteria systems have been explored before,

this study is among the first to combine a marine bacterial strain like *Bacillus* NAG1 with graphene oxide nanosheets in a simple, integrated design. Earlier approaches often involve multi-step processes or structured materials such as hydrogels and beads, which can be harder to prepare, costlier, and may limit how easily pollutants reach the bacteria. They also often take longer to work, or may lead to the reduction of graphene oxide into forms that can be toxic to cells.

In contrast with the earlier systems, the one developed in this study achieves rapid and effective dye removal. Each component plays its role: graphene oxide attracts dye molecules to its surface, while the bacteria break them down.

The team also found that the bacteria produced more enzymes in the presence of graphene oxide. These enzymes, such as laccase and peroxidases, are known to break down complex chemical structures found in dyes. Chemical analysis showed that the dyes were converted into smaller compounds that could degrade further.

Microscopy images revealed how this worked at a microscopic level. The graphene oxide sheets formed layered structures, with bacteria attached along the surface and within folds. This arrangement brought the dye molecules closer to the bacteria, helping the breakdown process.

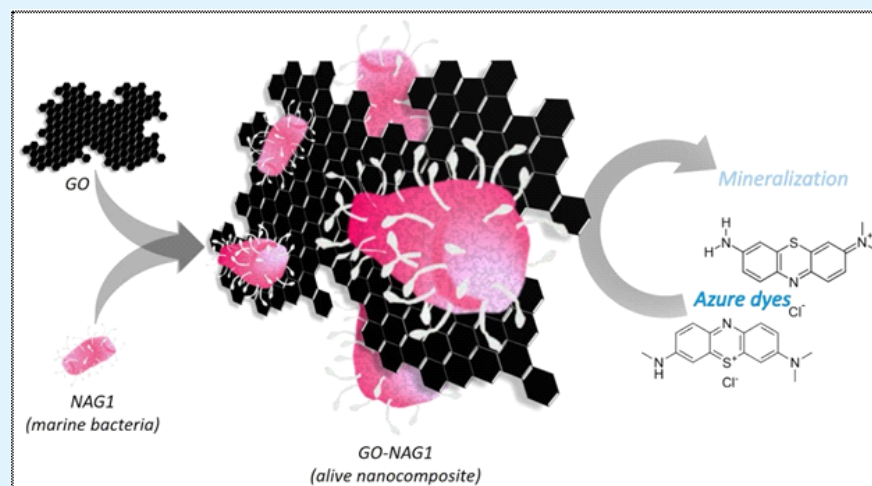
"We are not just removing the dye or just absorbing it. We are degrading it down towards its simplest, harmless forms," says **Prof. Shukla**.

The researchers believe that their concept has the potential to work in real wastewater plants, though some practical challenges remain *"I believe our approach is scalable, but maintaining the system may be slightly expensive compared to existing treatment technologies,"* explains **Dr. Redkar**. Even so, the

approach offers something existing methods often lack. Instead of transferring pollutants elsewhere after trapping them, it aims to break them down.

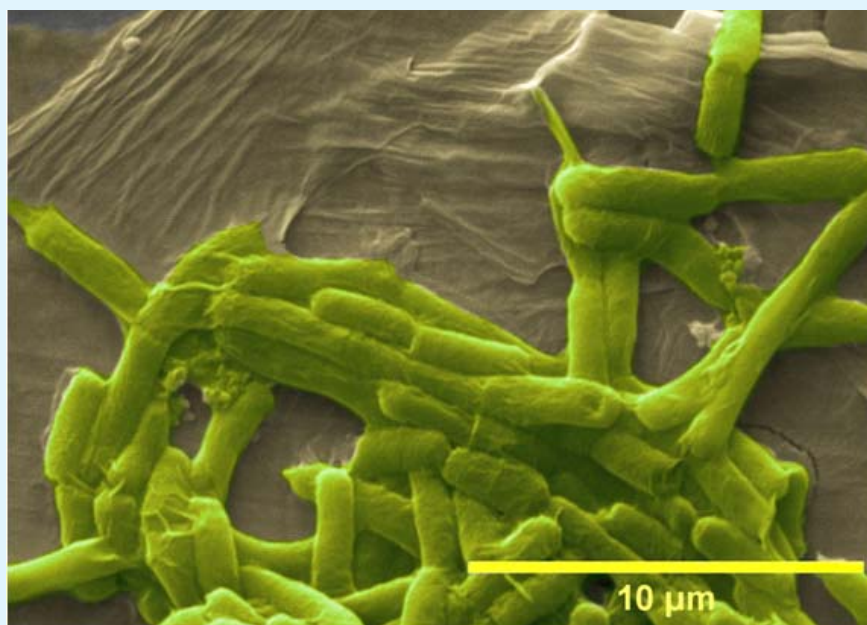
The next step is to design a more practical system. Instead of flat sheets, the researchers are exploring sponge-like materials that can hold more bacteria and handle larger volumes of wastewater.

"We want a kind of one-stop solution. Something that can trap, hold and degrade pollutants in a compact system," says **Prof. Shukla**. If successful, such systems could help industries treat wastewater more effectively, without simply shifting the pollution from one place to another.



Schematic representation of the assembly of a bio-nano system using graphene oxide (GO) nanosheets and marine bacteria (NAG1) for the mineralisation (breakdown) of textile dyes

Credits: Authors of the study



Scanning electron microscopy image (pseudo-colored using software for better representation) showing graphene oxide sheets acting as a scaffold for bacterial attachment

Credits: Authors of the study

Article written by: Manjeera Gowravaram

Link to published work: <https://doi.org/10.1039/D5TA06267E>

Student News

IIT Bombay Racing Showcases India's First Driverless Formula Student Car At Formula Bharat 2026

The **IIT Bombay Racing Team** made a landmark impact at **Formula Bharat 2026**, India's premier Formula Student competition, achieving an outstanding **3rd Overall Finish** while also securing **1st position** in the Static Events category. The accomplishment highlights the team's continued excellence in engineering design and technical innovation, reinforcing its position among India's leading student motorsport teams.

Beyond competitive success, IIT Bombay Racing set a historic milestone for Indian Formula Student teams by unveiling India's first Driverless Formula Student car at the event. The showcase represented a significant step forward for autonomous vehicle development within the country's student engineering ecosystem and demonstrated the team's commitment to pushing technological boundaries beyond conventional racing formats.

The driverless vehicle integrates advanced perception, localisation and control systems developed entirely by students. The project reflects months of interdisciplinary collaboration, rigorous testing and iterative engineering, aligning with global trends where autonomous systems are increasingly shaping the future of motorsport and mobility, setting a new benchmark for student-led innovation in India.

With a continued focus on innovation and performance engineering, IIT Bombay Racing remains committed to shaping the future of motorsport engineering and accelerating the growth of autonomous mobility and research in India.

The Team extends its sincere gratitude to IIT Bombay, sponsors and faculty advisor **Prof. Archak Mittal** for their continued guidance, encouragement and support throughout this journey.



Awards and Distinctions

Prof. Manibrata Sen, Department of Physics, has been selected as the **Head of a Max Planck Partner Group** at the Max Planck Institute for Nuclear Physics (MPIK), Heidelberg, Germany, in collaboration with IIT Bombay

Prof. Kasturi Saha, Department of Physics, was invited as an **Eminent Scientist** by the Honourable President of India Smt. Droupadi Murmu to the 77th Republic Day celebrations for **"At Home Reception"** at the Rashtrapati Bhavan on 26th January, 2026

Prof. Deepak Singh, Centre of Studies in Resources Engineering, has been **selected for the Expert Review Committee of ISRO's first Venus Orbiter Mission (VOM)**

'Into the Manhole', a 6 Degrees of Freedom (6DoF) Virtual Reality (VR) narrative directed by **Prof. Abhishek Verma** and **Prof. Jayesh Pillai (IDC School of Design)** created at the Immersive Media Experience Design (IMXD) Lab, IDC School of Design, has won the Laval Virtual Award 2026 under the **"XR for a Cause"** category

Prof. Shobhna Kapoor, Department of Chemistry, has joined the Editorial Board of **'The Journal of Membrane Biology'**

Prof. Ashwin Seshia, Department of Electrical Engineering, has been selected as recipient of this year's **IEEE C. B. Sawyer Memorial Award**. This is a prestigious international award in the area of timing and frequency control (sponsored by the IEEE UFFC society)

Prof. Alok Porwal, Centre of Studies in Resources Engineering, has been reappointed as Associate Editor of the Elsevier Journal **"Ore and Energy Resources Geology"**

Prof. S. Shankaranarayanan, Department of Physics, along with George Christopher Panneer Selvam (Phd student) and Hari K (postdoctoral fellow), have been awarded the **first prize in the 77th Edition of Gravity Research Foundation (USA) essay competition 2026** for their essay titled **"The Gravitational Spectral Radio Forest: A Signature of Primordial Black Holes"**

Prof. Ganesh Ramakrishnan, Department of Computer Science and Engineering, has been selected for the prestigious **HPE Dr. APJ Abdul Kalam HPC & AI Award – 2026** for outstanding contributions in the domain of High-Performance Computing and Artificial Intelligence under the category "Researcher R&D - AI based Use Case /Large Model Development requiring HPC)" in India

Prof. Avijit Maji, Department of Civil Engineering, has been elected to serve as **Vice President of the Transportation Research Group of India (TRG)** for a period of 5 years, w.e.f. 28th May 2026

Prof. Ashish Juneja, Department of Civil Engineering, has been nominated as a **member of the National-Level Peer Advisory Committee**, constituted to provide expert guidance to the URSC team in the development and realization of a suitable Lunar Soil Simulant (LSS) test bed for the Chandrayaan-4 Drilling Instrument. This is an important national mission.

Prof. Gopal Dixit, Department of Physics, joint experimental-theoretical work on chirality has been published in Science Advances. <https://www.science.org/doi/10.1126/sciadv.aec6549>

Prof. Rajarshi Chakrabarti, Department of Chemistry, has been **recognized by the editors as an outstanding reviewer** for the **Journal Soft Matter**

Prof. Sundeep Oberoi, Adjunct Faculty, Ashank Desai Centre for Policy Studies, has been appointed as the **Chairman of the committee** constituted by the Ministry of Electronics and Information Technology (MeitY), Government of India to look into the impacts that Quantum Computing will have on the Cryptographic Standards, Processes, and Rules that form part of the Information Technology Act, 2000

A paper of **Prof. Siddhartha Ghosh**, Department of Civil Engineering, has been awarded the **ICE's 2026 George Stephenson Medal**

Prof. Achintya Dutta, Department of Chemistry, has been invited to join the **Early Career Board** members of the **International Journal of Quantum Chemistry**

Prof. Supreet Saini, Department of Chemical Engineering, has been selected to join the **Board of Editors of mSystems**

Workshops

The **Biodiversity Lab at IIT Bombay, Office of the Dean IPS, IIT Bombay**, in collaboration with **WWF India**, organized a three-day hands-on workshop on **"Biodiversity Explorer: Field Skills & Survey Methods"** during 8th-10th April, 2026. **Prof. Rajesh Patkar**, Department of Biosciences and Bioengineering, was the convener.

The **Department of Chemical Engineering, IIT Bombay**, in collaboration with the **Indian Society of Rheology**, organized a workshop on **Fundamentals of Rheology** during 23rd-24th April, 2026, convened by **Prof. Jyoti R. Seth**.

The **SRISHTI Lab (Sustainable Resource Informatics & Technologies for Smart Urban Infrastructure)** at the **Environmental Science and Engineering Department, IIT Bombay**, in collaboration with the **University of Massachusetts Amherst (USA)**, organized a **two-day stakeholder workshop** during 24th-25th April, 2026. **Prof. Pradip Kalbar** from IIT Bombay and **Prof. Emily Kumpel** from the University of Massachusetts Amherst were the organizers.

The **Centre for Climate Studies, IIT Bombay** and **UVSQ Université de Versailles Saint-Quentin-en-Yvelines, France**, jointly organized **CHETNA (City-wise High-resolution carbon Emissions Tracking and Nationwide Analysis) Annual Workshop 2026** on the theme **"High Resolution City Level Emission Tracking and Sustainable Solutions"** during 4th-6th May, 2026.

The **Department of Metallurgical Engineering and Materials Science, IIT Bombay** and **BARC Mumbai**, jointly hosted a workshop on **Perspectives on the Mechanical Behaviour of Materials**, during 11th-13th May, 2026. **Prof. Prita Pant** and **Prof. N. Jaya Balila** were the conveners from IIT Bombay.

A workshop as part of the 45th Conference of the International Deep Drawing Research Group (IDDRG 2026) on “*Experimental Techniques and Formability Analysis in Advanced Sheet Metal Forming*” was organized on 31st May, 2026. **Prof. Sushil Kumar Mishra** was the convener from IIT Bombay.

The Department of Chemistry, IIT Bombay, organized **NMR Training Workshop** on 1st June, 2026. **Prof. Chandra M. R. Volla** was the convener.

The Wadhvani Innovation and Translation Centre (WITC), IIT Bombay, in collaboration with Indian Council of Medical Research (ICMR)-Department of Health Research (DHR), conducted a workshop on **Health**

Technology Assessment and Medical Innovations Patent Mitra on 1st June, 2026. **Prof. Ashutosh Kumar** (PiC, WITC and Professor in the Department of Biosciences and Bioengineering) was the convener.

Conferences

IIT Bombay and Sheet Metal Forming Research Association (SMFRA), organized the 45th Conference of the International Deep Drawing Research Group (IDDRG 2026) during 31st May-4th June. Department of Metallurgical Engineering and Materials Science Department faculty **Prof. K. Narasimhan** (Chair) and the faculty from Department of Mechanical Engineering **Prof. Prashant P. Date**

(Co-Chair), **Prof. Sushil Mishra** (Convener) and **Prof. Soham Mujumdar** (Co-convener) were the organizers.

The IIT Bombay Research Hub for Green Energy and Sustainability (IITB-GESH) organized **ACE 2026 (Accelerating Clean Energy) Conference** jointly with WRI, India during 23rd–24th June, 2026. **Prof. Sanjay Mahajani** (PiC, IITB-GESH and Professor in the Department of Chemical Engineering) was the convener.

The Department of Biosciences and Bioengineering, IIT Bombay, organized a conference on **Advances in Proteomics Technologies (APT-2026)** during 27th-29th June, 2026. **Prof. Sanjeeva Srivastava** was the convener.

Obituary



IIT Bombay is deeply saddened by the passing of **Prof. Anil Waman Date**, an eminent Mechanical Engineering professor at IIT Bombay and founding Head of CTARA, in Mumbai on 24th April, 2026 at the age of 80.

Prof. Date was a respected expert in thermo-fluids and computational fluid dynamics, joining IIT Bombay in 1973 and later served as Emeritus Professor and the Institute's first Rahul Bajaj Chair Professor. An FNAE Fellow and IIT Bombay Lifetime Achievement Awardee, his legacy spans research, rural technology, and influential engineering textbooks. The Institute extends its deepest condolences to his family and loved ones.



Prof. Anirban Guha, a renowned Professor of Mechanical Engineering at IIT Bombay, passed away on 10th June 2026, in Mumbai, at the age of 54. He was an exceptional academician, scientist and innovator who exemplified rare, balanced excellence across teaching, research and real-world technology development. His research seamlessly integrated classic machine design with modern computing, advancing the frontiers of robotics, kinematics and applied artificial intelligence.

Recently, Prof. Guha led the landmark design and development of indigenous Remotely Operated Vehicles (Rovers), which are currently deployed for training the Indian armed forces. In recognition of his groundbreaking works, the Textile Machinery Manufacturers' Association (India) felicitated him. IIT Bombay conferred upon him

both the Dr. P. K. Patwardhan Technology Development Award and Departmental Award for Excellence in Teaching. The Department of Mechanical Engineering, IIT Bombay, has honoured him with the Prof. A. Jaganmohan Award for Professional Development.

Prof. Anirban Guha's legacy endures through the vital technologies he deployed in service of the country, the advanced research methodologies he championed and the generation of engineers he inspired throughout his career. The Institute extends its deepest condolences to his family and loved ones.

Appointments

Dr. Shailesh G. Ganpule, has been appointed as an Associate Professor in the Department of Mechanical Engineering w.e.f. 30th March, 2026



Dr. Mohit Singhala, has been appointed as an Assistant Professor Grade I in the Koita Centre for Digital Health w.e.f. 01st April, 2026



Dr. Sanchari Thakur, has been appointed as an Assistant Professor Grade II in Department of Civil Engineering w.e.f. 11th May, 2026



Dr. Sajal Sen, has been appointed as an Assistant Professor Grade I in Department of Chemistry w.e.f. 15th May, 2026



Ms. Lisa Jestin, has been appointed as Technical Officer (Scale-I) in the Application Software Centre w.e.f. 02nd April, 2026



Mr. Raju Waghmare, has been appointed as Technical Officer (Scale-I) in the Computer Centre w.e.f. 21st April, 2026



Dr. Ashish Karn, has been appointed as an Associate Professor in the Centre for Traditional Indian Knowledge and Skills w.e.f. 9th June, 2026



Dr. Vijayaraghavan M. Chariar, has been appointed as a Professor in the Centre for Traditional Indian Knowledge and Skills w.e.f. 10th June, 2026



Dr. Arman Ovla, has been appointed as an Assistant Professor Grade II in the IDC School of Design w.e.f. 8th June, 2026



Retirements on 31st May, 2026

Ms. Shamala B. Waydande, Sr. Administrative Superintendent (P), Dean (Research and Development) Office, retired after 35 years of service



Mr. Ravindra P. Tapase, Sr. Mechanic, Department of Mechanical Engineering, retired after 34 years of service



Mr. Subhash M. Pawar, Sr. Mechanic, Department of Mechanical Engineering, retired after 34 years of service



Mr. Sitaram G. Varak, Sr. Mechanic (P), Academic Section, retired after 37 years of service



Ms. Sharda K. Solanki, Multi-Skilled Assistant A, Public Health Office, retired after 11 years of service



Mr. K P Ravunni, Sr. Cook, Hostel No-03, Centralized Hostel Management System, retired after 28 years of service



Mr. Devadasan Antony Chelladurai, Mess Manager, Hostel No-03, Centralized Hostel Management System, retired after 38 years of service



Retirements on 30th June, 2026

Prof. Mukul Chandrakant Chandorkar, Department of Electrical Engineering, retired after 26 years of service



Ms. Yashada M. Naik, Assistant Executive Engineer, Design Cell / Dean (IPS) Office, retired after 36 years of service



Mr. Mangesh D. Sawant, Technical Superintendent (P), Department of Physics, retired after 26 years of service



Ms. Vinita R. Wagare, Sr. Staff Nurse, IIT Hospital, retired after 32 years of service



Mr. Anil K. Muddalkar, Administrative Superintendent (P), Accounts Section, retired after 29 years of service



Mr. Kondiba V. Patil, Sr. Security Guard, Security Section, retired after 34 years of service



CEP courses scheduled during July, August and September 2026			
No	Course Title	Course Coordinator/ Department	Duration
Open Programmes : (July 2026)			
1	AI Engineering and MLOPS	Prof. Shivasubramanian Gopalakrishnan, Department of Mechanical Engineering	July 1, 2026 (5 months)
2	Theory, Technology and Manufacturing of Silicon Solar Cells	Prof. Anil Kottantharayil, Department of Electrical Engineering	July 1, 2026 (4 days)
3	Theory and Technology of Silicon Solar Cells	Prof. Anil Kottantharayil, Department of Electrical Engineering	July 1, 2026 (2 days)
4	Experimental Research and Impact Evaluation	Prof. Ashish Singh, Shailesh J. Mehta School of Management	July 1, 2026 (5 days)
5	Infinity Juniors – Entrepreneurship Bootcamp	Prof. Sankalp Pratap, Desai Sethi School of Entrepreneurship	July 1, 2026 (5 days)
6	Fundamentals of AI for Entrepreneurs, Corporates & Professionals	Prof. Sandesh Ramu, IDC School of Design	July 4, 2026 (2 days)
7	Power Electronics in Practice: From Magnetics to Gate Drivers	Prof. Sandeep Anand, Department of Electrical Engineering	July 4, 2026 (4 days)
8	Web Security	Prof. Kameswari Chebrolu, Department of Computer Science and Engineering	July 4, 2026 (4 months)
9	ImmersionX: Electronics & Innovation	Prof. Siddharth Tallur, Department of Electrical Engineering	July 6, 2026 (6 days)
10	Applications of AI for Business Managers	Prof. Lina Sonne Vyas, Desai Sethi School of Entrepreneurship	July 12, 2026 (6 months)
11	Silicon to SoC: Fundamentals of Design and Verification	Prof. Madhav Desai, Department of Electrical Engineering	July 13, 2026 (4 months)
12	Battery Energy Storage Systems: Fundamentals and System Design	Prof. Manoj Neergat, Department of Energy Science and Engg.	July 14, 2026 (3 days)
13	Compressed Biogas: Technology, Scale-up, & Feasibility Assessment	Prof. Yogendra Shastri, Department of Chemical Engineering	July 15, 2026 (3 days)
14	Contract Law and Formal Contract Drafting	Prof. Nagendra Rao Velaga, Department of Civil Engineering	July 18, 2026 (1 day)
15	Artificial Intelligence (AI) in Healthcare	Prof. Kalyani Addya	July 18, 2026 (2 days)
16	Statistics for Data-Driven Decision Making	Prof. Usha Ananthakumar, Shailesh J. Mehta School of Management	July 18, 2026 (3 days)
17	Screenwriting – From Idea to Pitch	Prof. Mazhar Kamran, IDC School of Design	July 18, 2026 (8 days)
18	Power Semiconductor Devices TCAD Course	Prof. Swaroop Ganguly, Department of Electrical Engineering	July 20, 2026 (5 days)
19	Agentic AI for Innovation and Business	Prof. Sandesh Ramu, IDC School of Design	July 20, 2026 (5 days)
20	Machine Learning for Scientific Computing	Prof. Ashish Pal, Department of Civil Engineering	July 23, 2026 (2 days)

No	Course Title	Course Coordinator/ Department	Duration
In-house Programmes : (July 2026)			
21	High Altitude Airships	Prof. Rajkumar Pant, Department of Aerospace Engineering	July 6, 2026 (3 days)
22	Bituminous and Concrete Pavements for Runway	Prof. Dharamveer Singh, Department of Civil Engineering	July 6, 2026 (2 days)
23	AI Applications in Production: Theory and Practice	Prof. Asim Tewari, Department of Mechanical Engineering	July 13, 2026 (5 days)
Open Programmes : (August 2026)			
24	Construction Project Scheduling and Last Planner Method	Prof. Albert Thomas, Department of Civil Engineering	August 8, 2026 (2 days)
25	Applied Econometric Methods for Empirical Transportation Research: Travel Behavior, Risk Analysis, and Policy Applications	Prof. Sangram Nirmale, Department of Civil Engineering	August 17, 2026 (3 days)
26	Large-Scale Data Analytics: Theory, Demonstration & Application	Prof. Ashish Singh, Shailesh J. Mehta School of Management	August 21, 2026 (3 days)
In-house Programmes : (August 2026)			
27	Construction Quality and Maintenance of Pavements	Prof. Dharamveer Singh, Department of Civil Engineering	August 4, 2026 (2 days)
28	Design, Construction, Quality Control and Maintenance of Pavement	Prof. Dharamveer Singh, Department of Civil Engineering	August 31, 2026 (5 days)
e-PGD Programmes: (August 2026)			
29	Thermal Management for Electric Vehicles	Prof. Sandeep Anand, Department of Electrical Engineering	August 3, 2026 (4 months)
30	Electric Vehicle Grid Integration	Prof. Sandeep Anand, Department of Electrical Engineering	August 3, 2026 (4 months)
31	Introduction to E-Mobility	Prof. Sandeep Anand, Department of Electrical Engineering	August 3, 2026 (4 months)
32	Statistical Foundations of Machine Learning	Prof. D. Manjunath, Department of Electrical Engineering	August 4, 2026 (4 months)
Open Programmes: (September 2026)			
33	Foundations of Sustainability and ESG Leadership	Prof. Sanjay Mahajani, Department of Chemical Engineering	September 1, 2026 (20 days)
34	Certificate Course in Policy Analysis, Evaluation and Modelling	Prof. Ashish Singh, Shailesh J. Mehta School of Management	September 21, 2026 (10 days)
35	AI Leadership for Entrepreneurs, Professionals and Executives	Prof. Sandesh Ramu, IDC School of Design	September 26, 2026 (5 months)
In-house Programmes: (September 2026)			
36	Design, Construction, Quality Control and Maintenance of Pavement	Prof. Dharamveer Singh, Department of Civil Engineering	September 7, 2026 (5 days)
37	Construction Quality and Maintenance of Pavements	Prof. Dharamveer Singh, Department of Civil Engineering	September 8, 2026 (2 days)

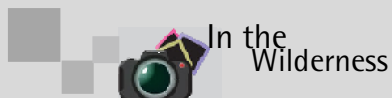


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BOOK POST

