Quarterly

NEWSLETTER

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INDIAN INSTITUTE OF TECHNOLOGY DELHI

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News Updates

IIT Delhi Celebrates 68th Foundation Day, Releases Alumni Impact Report

IIT Delhi celebrated its 68th Foundation Day on January 27, 2026. To mark the occasion, the Institute released its first-ever 'Alumni Impact Report', a comprehensive document highlighting the extraordinary journey and contributions of its over 65,000 alumni since the Institute's inception. The Alumni Impact Report was released by Chief Guest Dr. Gurtej S. Sandhu, an IIT Delhi alum and Principal Fellow & Corporate Vice President at Micron Technology, and Prof. Rangan Banerjee, Director of IIT Delhi, during a Foundation Day function organised by the Institute.

Dr. Gurtej S. Sandhu said, "Alumni are always seen as role models for the next generation of students. At the same time, they can also contribute in many ways to the institutions. It's not always about financial support, which is also important, but it can be much more than that in terms of guidance and connecting back through their companies, their institutions, and wherever they are working to the IITs."

While addressing a press conference on the Foundation Day, Prof. Rangan Banerjee, Director, IIT Delhi, said the Alumni Impact Report released by the Institute underscores how, over 65+ years, IIT Delhi graduates have transformed from students into global leaders, pioneering entrepreneurs, and dedicated public servants, creating profound economic and social footprints worldwide.

NASA Astronaut Sunita Williams Delivers Visits IIT Delhi, Delivers a Talk

Ms Sunita L. Williams, NASA astronaut (ret.) & U.S. Navy Captain (ret.), during her visit to IIT Delhi

on January 20, 2026, delivered an impressive talk titled 'The Making of an Astronaut: Sunita Williams' Story'. The talk on space experiences made the audience "space travel" to her recent space mission during Expeditions 71/72, making the vastness of space seem in proximity. In her talk, Ms. Williams reflected on the current phase of human spaceflight, remarking, "It is a very exciting time in human space exploration. Every new project has its ups and downs, but each one teaches us something and prepares us better for what comes next." Speaking about the complexity of space missions, she explained, "We often work with multiple systems and redundancies, but sometimes the solution is not very complicated; it can be something simple if you are

willing to observe carefully." Sunita Williams was the inaugural speaker of the Prof. V. N. Vazirani Institute Lecture, established in memory of Prof. V. N. Vazirani by his sons, Vijay Vazirani and Umesh Vazirani. She also met Prof. Rangan Banerjee, Director, IIT Delhi, and senior functionaries of the Institute. During the meeting, the Director highlighted IIT Delhi's footprints in space technology and the ongoing joint collaborations with ISRO.

IIT Delhi Launches Deepak Raghavan Family Foundation Accelerator Program

This is a new initiative aimed at strengthening the Institute's research ecosystem and enabling high-potential young faculty. The programme is facilitated by the IIT Delhi Endowment Management Foundation and has been instituted by distinguished alumnus Dr. Deepak Raghavan. At the core of the initiative is a five-year Endowed Chair Professorship for faculty members aged 45 and below. The programme offers a flexible research grant that can be used for equipment, software, experiments, fieldwork, prototype development, and hiring postdoctoral researchers and research staff. It also encourages collaboration with industry and external institutions, supporting the translation of research into real-world applications, patents, and new technologies. In addition, the initiative includes a fully funded PhD fellowship once every five years, enabling a doctoral scholar to work closely with the Chair Professor.

SANGAM 2026: IIT Delhi Champions Inclusion

Organized by the Office of Accessible Education (OAE) under the Office of Diversity & Inclusion, SANGAM 2026 united around 300 students with disabilities from multiple IITs (IIT Delhi, IIT Gandhinagar, IIT Madras, IIT Kanpur, IIT Roorkee, IIT Kharagpur, IIT Hyderabad), University of Delhi (DU), Jawaharlal Nehru University (JNU), and various colleges in NCR. India's para-athlete, Mr. Sharad Kumar, a high jump silver medallist at the 2024 Paris Paralympics, was the chief guest at the closing ceremony. SANGAM, held on 17-18 January, 2026 moved beyond traditional participation, offering a high-stakes competitive platform for athletes with diverse disabilities.

The event featured a rigorous classification system to ensure fair and spirited competition:
- Athletics: 100-meter sprints and field events across B1, B2, and B3 (visual impairment) categories.
- Badminton: Specialized categories for Upper Limb (UL), Lower Limb (LL), Hearing Impairment, and Wheelchair Users.
- Adaptive Sports: Blind Chess, Table Tennis, and both standard and Blind Cricket.

CoE for Regulatory Affairs in Power Sector Launched at IIT Delhi

Shri Manohar Lal, Union Minister of Power, inaugurated the Centre of Excellence (CoE) for

Regulatory Affairs in the Power Sector at IIT Delhi. The Centre jointly established by IIT Delhi, the Central Electricity Regulatory Commission (CERC) and GRID INDIA, marks an important step towards strengthening India's regulatory capacity in a rapidly evolving power sector characterised by growing electricity demand, large-scale renewable energy integration, expanding power markets, and increasing use of digital technologies. The CoE is envisaged as a national-level hub for regulatory research, capacity building, advisory support and knowledge dissemination.

A Design Exhibition Under Design for Bharat—Youth Innovation Challenge 2026 Held at IIT Delhi

As part of the Viksit Bharat Young Leaders Dialogue (VBYLD) 2026 initiative, the Design for Bharat has been launched as a national design challenge by the Ministry of Youth Affairs & Sports to inspire young people to shape India's future through creativity and innovation. A total of 19 teams from Delhi showcased their work through posters, models, and prototypes. IIT Delhi has been a nodal institute for the state of Delhi for the Design for Bharat competition.

Placement Season 2025-26: Students Secure 1275 Offers by Dec'25

By December 2025, IIT Delhi students have secured 1,275 job offers, including pre-placement offers (PPOs), with over 1,140 individual students placed. Over 300 PPOs were received this year - a surge of more than 33% from last year. Recruiters with double digit offers on campus this year so far include Accenture Strategy and Consulting, Amazon, American Express, Bajaj Auto Technology Ltd, Barclays, Deutsche India Pvt Ltd, Eternal Limited, EXL Services, EY GDS, EY Parthenon, Glean Search Technologies India Pvt Ltd, Google, Goldman Sachs, Graviton Research Capital, JP Morgan, Meesho, Microsoft, Navi, Nine Education, Oracle, PayU Payments, Qualcomm, Schlumberger, Squarepoint Capital, Sterlite Group, Texas instruments, and Wells Fargo International Solutions Pvt Ltd. The students have also received more than 35 international offers from prestigious organizations across multiple global regions, including Japan, Netherlands, Singapore, the UAE and the United Kingdom.

4th Edition of Manasvi- STEM Mentorship Program for High School Girls Concludes

The flagship initiative of the Office of Academic Outreach & New Initiatives at IIT Delhi concluded successfully with a cohort of nearly 100 high school girls (Manasvis) completing an intensive, multi-phase learning journey from May to December 2025. The program spanned across three phases: summer, autumn, and winter, and the Manasvis were offered mentorship and exposure to the STEM resources available at IIT Delhi. Applications for the upcoming edition of Manasvi will open in February-March 2026.

ACTRS Transfers Technologies for Recycling of Technical Textiles, Defence Grade Fibers, and National Flag

The Atal Centre of Textile Recycling and Sustainability (ACTRS), set up under IIT Delhi, unveiled a pioneering technology for the recycling of synthetic national flags and presented a scientific model on November 28, 2025. This innovation has been officially transferred to the Sewaj Neesim Foundation, which is spearheading the national initiative for the dignified recycling of retired national flags across the country. The center also demonstrated breakthrough methods for handling and recycling high-performance aramid waste—a critical material used in defence, aerospace, and protective textiles.

Open House Showcases Cutting-Edge Research and Innovative Projects

The 18th edition of the Open House, a flagship initiative by IIT Delhi was organized on November 8, 2025. Around 3500 visitors, including senior students from various schools & colleges, their teachers, and representatives from industry and funding agencies, visited the Open House to explore the country's premier science and engineering institution. Open House showcased more than 200 scientific posters and live demos and 20 laboratories highlighting cutting-edge research across diverse domains ranging from computer science and AI to defence and national security that offer new opportunities for innovation, collaboration, and national development. The Institute hopes that Open House experiences will ignite curiosity and passion in every young mind, paving the way for the next generation of innovators and leaders.

Manufacturing Innovation Show 2025

First-year B.Tech. students at IIT Delhi celebrated a special day on November 15, 2025, when they showcased their innovative skills through the creation of approximately 140 research-based prototypes. Around 700 UG students, who successfully completed the 'MEP1001: Manufacturing for Product Innovation' course, were part of the Manufacturing Innovation Show 2025 that showcased various projects focused on tackling real-world problems with innovative solutions. These young scientists at IIT Delhi formed multiple teams to work on their projects and were able to turn their creative concepts into working prototypes thanks to the knowledge they gained from the course.

Unnat Bharat Abhiyan Completes 11 Successful Years of Transforming Rural India

Unnat Bharat Abhiyan (UBA), a flagship national initiative of the Ministry of Education, Government of India, celebrated its Foundation Day on November 11, 2025, marking eleven years of the program's dedication to transforming rural India through the active participation of Higher Education Institutions (HEIs). To mark the UBA Foundation Day, over 1,100 Participating Institutions across India organized a series of programmes attended by more than 20,000 students, faculty, and villagers. During the Foundation Day celebrations organised at IIT Delhi, Prof. Virendra Kumar Vijay, UBA National Coordinator; Prof. Pooja Ghosh, RCI (Regional Coordinating Institution) UBA Coordinator of NCR; Prof. Sangeeta Kohli, UBA PI Coordinator of Khurampur village; and Prof. Ankesh Jain, NSS in-charge, addressed the audience and discussed with the students various activities planned in UBA village clusters of IIT Delhi. The initiative has catalyzed numerous success stories—from solar microgrids and biogas units to millet-based enterprises and skill training centers—demonstrating the potential of HEIs as engines of inclusive growth.

IHFC Launches Pitch Perfect 2.0

IHFC (I-Hub Foundation for Cobotics), the Technology Innovation Hub of IIT Delhi, has launched the second edition of its flagship initiative Pitch Perfect 2.0, a nationwide startup incubation and acceleration initiative that has been a gamechanger for emerging founders, in three Indian cities, namely Bengaluru, Mumbai, and Delhi. Startups entering the program will receive incubation support of up to Rs.1 crore and acceleration support of up to Rs.5 crores.

IIT Delhi Researchers Create AI-Agent 'AILA' That Can Conduct Real Scientific Experiments Like Human Scientists
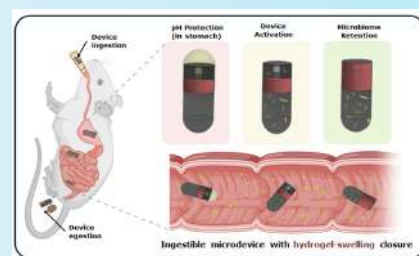

Imagine walking into a laboratory where an AI is carefully adjusting a microscope, running experiments, and analysing results — all without human intervention. Researchers from IIT Delhi, along with collaborators from Denmark, and Germany have turned it into reality, as detailed in their Nature Communications publication titled 'Evaluating large language model agents for automation of atomic force microscopy'. Until now, AI models like ChatGPT have served mainly as digital assistants — helping draft documents, answer questions, and analyse data. But researchers have now pushed these boundaries much further, developing AILA (Artificially Intelligent Lab Assistant), an AI agent capable of stepping into real laboratories and carrying out scientific experiments from start to finish, much like a human scientist. Prof. Nitya Nand Gosvami (Materials Science and Engineering, IIT Delhi) said, "The Atomic Force Microscope is one of the most intricate and sensitive scientific instruments in materials research. Operating it effectively requires a deep understanding of nanoscale physics, surface interactions, and real-time feedback control — skills that typically take researchers years to master. The fact that AILA can autonomously perform these tasks represents a paradigm shift in experimental science." Prof. N. M. Anoop Krishnan (Civil Engineering & Yardi School of AI, IIT Delhi) explained, "Think of it this way- previously, AI could only help you write about science. Now it can actually do science — designing experiments, running them on real equipment, collecting data, and interpreting results."

IIT Delhi and AIIMS Researchers Develop a Swallowable Microdevice That Can Collect Microbial Samples from the Small Intestine

Imagine swallowing a tiny pill-like microrobot that travels through the stomach, reaches the intestine, collects microbes and molecules, and then leaves the body. What once sounded like science fiction is now real. Researchers at IIT Delhi have developed an ingestible device that can sample bacteria directly from the small intestine, opening a new window into the human gut microbiome. Not all bacteria are harmful. Nearly half of all cells in the human body are microbial. These organisms line our gut and help us digest food,

Ingestible microdevice with hydrogel-swelling closure

regulate mood, and build immunity. Yet studying them has remained difficult. Existing tools are invasive, such as endoscopy or ileostomy, or indirect, relying on stool samples that do not truly reflect conditions higher up in the digestive tract. Prof. Sarvesh Kumar Srivastava, Principal Investigator at the Medical Microdevices and Medicine Laboratory (3MLab), CBME, IIT Delhi, explained, "To say there is a hidden universe of living microbes in our body is no exaggeration but a scientific reality – we call it the human microbiome. Just as we send rovers to explore outer space, we need miniaturized devices to explore the inner space of the human body." Prof. Srivastava added that the prototype microdevice, once swallowed, can autonomously collect microbes from specific regions of the upper GI tract, allowing species-level identification of the residing microbes, among other biomarkers.

Alumni Relations

Campus Se Career Tak – An Insightful Interaction with Kapil Bharati

The campus was abuzz with energy on October 8, 2025, during the "Campus Se Career Tak" event featuring Mr. Kapil Bharati, Co-founder of Delhivery and a distinguished alumnus (B.Tech, Mechanical Engineering, Class of 2000). In his enriching session with the students, he shared insights from his entrepreneurial journey, seamlessly connecting classroom learning with real-world industry dynamics. He delved into career strategies, the nuances of building a startup and the mindset needed to navigate the evolving professional landscape.

IIT Delhi Alumni Mixer in New York

The New York Alumni Mixer (October 23, 2025) witnessed an engaging alumni gathering, bringing together graduates across batches and industries for an evening of insightful dialogue and connection. In a fireside chat moderated by Somesh Khanna (Senior Partner Emeritus, McKinsey & Company), alumnus Rohit Kapoor (CEO, EXL) joined to reflect on leadership, technological evolution and shared some of his IIT Delhi experiences. The conversation explored the impact of data and AI across sectors, with participants delving into industry trends and the unique role IIT Delhi alumni continue to play in shaping innovation, highlighted by the notable acquisition of analytics firm Inductis in 2006, driven significantly by fellow alumni.

Her@IITD - First-ever Women Alumni Reunion

The Office of Alumni Relations, IIT Delhi, celebrated a historic milestone on November 1, 2025, with its first-ever Women Alumni Reunion, named Her@IITD. The event united women graduates across generations for an inspiring evening dedicated to their achievements, leadership, and legacy. The defining moment for the event was the address by the distinguished chief guest, Dr. Kiran Bedi, a proud alumna, who shared reflections on her remarkable journey, emphasizing perseverance and purpose. The event featured the unveiling of a special coffee table book celebrating women achievers from the IIT Delhi community. This was followed by a compelling panel discussion, "IIT Delhi Through the Eyes of Women," moderated by Prof. Dhanya C.T., Dean, Academics, IIT Delhi. Esteemed panelists, including Dr. Enakshi Khular Sharma (M.Sc., Class of 1975), Dr. Punita Kumar-Sinha (B.Tech, Class of 1985), Swati Vasudevan, Gazal S. Kalra (B.Tech, Class of 2007), Abhilasha Sinha (B.Tech, Class of 2012), and Krisha Karwa (B.Tech, Class of 2027), offered powerful insights into the evolving campus experience and their diverse professional contributions.

IIT Delhi Alumni Mixer in Singapore

The IIT Delhi alumni community in Singapore came together for a lively and engaging mixer on Nov 21, 2025. The event saw a fantastic turnout of graduates spanning several decades, all united by their IIT Delhi roots. The event was graced by Prof. Rangan Banerjee, Director; Prof. Nilanjan Senroy, Dean, Alumni Relations; and Prof. Abhijit Abhyankar along with Mona Singh, CEO of the IIT Delhi Endowment Fund. In a special address, one of the endowment founders, Mr. Saurabh Mittal (B.Tech, Electrical, Class of 1995), reflected on the

Institute's legacy and the power of its global network. The community proudly recognized Mr. Binny Bansal (B. Tech, CSE, Class of 2005) for his generous commitment to the IIT Delhi Endowment Fund. Conversations flowed from shared campus memories to future collaborations, highlighting how this vibrant group, though just 1% of the total alumni base, continues to make an outsized impact on their alma mater.

Naming Recognition for Alumni Giving: Binny Bansal Exhibition Hall

IIT Delhi has named the Exhibition Hall on its main campus in Hauz Khas as the Binny Bansal Exhibition Hall, honouring distinguished alumnus and Flipkart co-founder Mr. Binny Bansal for his generous contribution to the IIT Delhi Endowment Fund. His gift marks the largest-ever unrestricted individual donation to the Institute. The naming has been approved by the Board for Educational and Research Planning (BERP) in recognition of his extraordinary generosity and long-term commitment to his alma mater.

Donations

During October-December 2025, the Institute received total donations amounting to Rs.17.34 crore, including a generous contribution of Rs.12 crore from Mr. Anant Yardi towards the Yardi School of Artificial Intelligence and Rs.1 crore from Mr. Pulak Prasad, further strengthening IIT Delhi's vision for future-focused education and research.

Newly Instituted Awards and Chairs
(October–December 2025)

Awards	Chairs
▪ Prof. P. L. Dhar Excellence Award ▪ Prof. Rishi Raj Gaur Memorial Award ▪ The National Mission for Clean Ganga (NMCG) has instituted a suite of awards to encourage high-quality research aligned with national priorities, including: • One NMCG Best Bachelor's Project Award • Two NMCG Best Master's Project Awards • Two NMCG Best PhD Thesis Awards	▪ Two National Mission for Clean Ganga (NMCG) Chairs, including: • An NMCG Chair Professorship in water resources engineering with applications in river systems • An NMCG Water Sustainability Chair focused on sustainable river systems and water resources engineering ▪ NPTEL Chair, supporting outstanding faculty members at IIT Delhi who have demonstrated excellence in research, innovation, and industry collaboration, alongside significant contributions to technology-enabled learning through the NPTEL-SWAYAM platform.

Pearl Reunion: Class of 1991

On December 19, 2025, the IIT Delhi campus came alive with nostalgia and camaraderie as the batch of 1991 gathered for their Pearl Reunion, marking 35 years since graduation. Alumni from across the country returned to their alma mater to reconnect with old friends and celebrate shared memories that shaped their journeys.

Diamond Jubilee Reunion: Class of 1966/67

A very special moment in our alumni calendar was the Diamond Jubilee reunion of the Class of 1966–67 on December 20, 2025. As some of the earliest batches to walk the corridors of IIT Delhi, this cohort returned to the campus with rich stories of legacy, achievement, and lifelong friendships. The celebration commemorated not only a milestone in years but also the remarkable journey of these pioneering alumni, whose experiences reflect the evolution of the Institute itself.

Silver Jubilee Reunion: Class of 2000

The Silver Jubilee Reunion of the Class of 2000, held on December 22, 2025, was a vibrant and memorable three-day celebration of legacy, learning, and lifelong connections. A cultural evening featuring performances and conversations added energy and joy to the festivities. A standout moment was the batch's announcement of a historic Rs. 70 crore pledge to IIT Delhi, a record commitment from any single graduating batch, aimed at strengthening the Institute's endowment and future endeavors.

Industrial Research and Development

Sponsored Research & Consultancy Projects Initiated Through IRD Unit During October–December 2025

85 Sponsored Research Projects	Total Sanctioned Fund ₹ 3941.21 Lacs	
Project Department/Centre/School	No. of Projects	Sanctioned Funds (Rs. in Lacs)
Department of Applied Mechanics	1	30.96
Department of Biochemical Engineering & Biotechnology	3	70.17
Department of Chemical Engineering	1	25.00
Department of Chemistry	4	118.77
Department of Civil Engineering	10	489.08
Department of Computer Science & Engineering	1	28.00
Department of Design	1	30.96
Department of Electrical Engineering	4	269.35
Department of Energy Science and Engineering	6	294.13
Department of Materials Science & Engineering	7	151.14
Department of Mathematics	3	71.83
Department of Mechanical Engineering	2	125.52
Department of Physics	5	286.71
Department of Textile & Fibre Engineering	4	116.53
Centre for Applied Research in Electronics	2	37.96
Centre for Atmospheric Sciences	5	402.48
Centre for Biomedical Engineering	3	115.42
Centre for Rural Development & Technology (CRDT)	3	49.18
Centre for Sensors, Instrumentation and Cyber Physical Systems Engineering	5	197.61
Optics and Photonics Centre	3	115.10
Bharti School of Telecommunication Technology & Management	3	311.44
School of Biological Sciences	2	58.53
School of Information Technology	2	61.11
School of Public Policy	3	209.04
Yardi School of Artificial Intelligence	2	275.20

82 Consultancy Projects		Total Sanctioned Fund ₹ 498.94 Lacs
Project Department	**No.**	**Sanctioned Funds (Rs. in Lacs)**
Department of Applied Mechanics	6	9.23
Department of Chemical Engineering	1	1.50
Department of Civil Engineering	69	401.82
Department of Computer Science & Engineering	1	12.50
Department of Electrical Engineering	1	29.76
Department of Management Studies	1	3.00
Department of Mechanical Engineering	3	41.12

IIT Delhi and Jawaharlal Nehru University Delhi Sign MoU

IIT Delhi and Jawaharlal Nehru University signed an MoU on October 10, 2025, to promote better understanding between the faculty and students of IITD and JNU. Both institutes recognise their strengths in research and education in one or more disciplines of science, engineering, management and social sciences, and their mutual interest in engaging themselves in academic cooperation.

Brainstorming Session with BSF, RJIT, IHFC & DRDO

A tri-party Memorandum of Understanding (MoU) was signed on November 10, 2025 between the Border Security Force (BSF) Academy, Gwalior, the Rustamji Institute of Technology (RJIT), and IIT Delhi to promote collaborative research and technological development. As a way forward, a joint coordination meeting was held at the IIT Delhi Sonipat campus, bringing together all collaborating institutions—BSF, IIT Delhi, IHFC, RJIT, and DRDO. The session focused on aligning the strengths and expertise of IIT Delhi faculty in drone technology development with the operational requirements and research priorities of the partner organisations, with the objective of enabling targeted, impact-driven collaborations.

Meeting with AIIMS, New Delhi

A meeting was held on November 10, 2025, with AIIMS to discuss the future roadmap of the AIIMS–IIT Delhi collaborative scheme. The key points deliberated under the AIIMS–IIT Delhi HealthTech Accelerator included the following:

- Establishing structured mechanisms to connect faculty members from both institutions to accelerate collaborative research and innovation.

- Placing major emphasis on the development and translation of medical technologies, including diagnostics, patient care solutions, services, products, and functional prototypes.

- Joint identification and engagement with relevant industry partners (private organisations) to explore their roles and contributions in product development, validation, and commercialisation activities.

- Launching a student exchange programme aimed at stimulating innovation and generating solutions for real-world healthcare problem statements identified by AIIMS.

Meeting with AIIMS & UCL on Trilateral Collaboration

IIT Delhi held discussions with University College London (UCL) and the All-India Institute of Medical Sciences (AIIMS) to explore a trilateral collaboration to strengthen an ongoing, high-impact, innovation-driven partnership in HealthTech. The proposed collaboration seeks to integrate clinical expertise from AIIMS, global excellence in biomedical research and data science from UCL, and cutting-edge engineering and technology development capabilities from IIT Delhi, to jointly develop impactful healthcare solutions.

- **UCL Delegation at IIT Delhi**

  A delegation from University College London (UCL) visited IIT Delhi on November 21. Both IIT Delhi and UCL plan to implement a co-supervision framework with reciprocal exchange and long-term arrangements in key strategic areas, including assistive technologies, quantum technologies, biomedical engineering, AI and healthcare, and life sciences, to further strengthen ongoing research collaborations. The institutions also agreed to collaborate on quantum computing, advanced materials, and device technologies, and to actively engage with industry partners to facilitate translational research aimed at addressing real-world challenges.

Global Research Partnership (GRP) Programme

- **The University of Queensland-IITD GRP**

  The UQ–IITD Academy of Research established a joint research call in August 2025 across six thematic research areas of mutual interest. Six joint projects were supported in the areas of bio-formulations against hematopoietic and solid tumours; building systems for sustainable livelihoods and urban resilience; advanced textile preforms for high-temperature-resistant ceramic matrix composites; wastewater treatment for sustainable water management; biocompatible piezoelectric energy harvesters; and the impact of hydrogen fires on structures and load-bearing infrastructure.

- **The Hebrew University of Jerusalem (HUJI)-IITD GRP**

  IITD-HUJI announced a joint seed fund call in September 2025. Both universities contributed matching funds to support five joint projects in the areas of AI/ML models for RNA riboswitches, Ciphertext Security, Robust Reasoning, Control of Single Photons Emitted by Quantum Dots, and Engineering the Plant Microbiome.

IRD Student Schemes

- **IRD Startup & Discover & Learn (1-2-3-4)**

  The call for student schemes was announced on October 10, 2025, inviting proposals from all academic areas, with a focus on Artificial Intelligence, Cyber Security, HealthTech, Energy, Climate Change, Quantum Technologies, Semiconductors, Environment, Waste Management, Electric Vehicles and Safe Transportation, Smart Manufacturing, Materials, and Design. The submission deadline was December 1, 2025. These schemes aim to nurture students' research interests and foster innovations that could lead to the creation of start-ups based on their project outcomes.

New IRD Initiatives

- Bills and other associated documents for the procurement of consumables may be forwarded directly by the PI to the IRD Accounts.

- A new software/ platform for accounting of Sponsored Projects, Internal Projects and Consultancy will be rolled out from April 2026 onwards.

- In order to simplify and speed up the process, all the requests for transfer of Project/ Consultancy funds for HPC/ CRF and other related services are approved at the DR (IRD) Accounts level. This has ensured faster processing of these requests.

- All the HPC/CRF and other related services, which are availed by the faculty from various departments from MoE grants are now also processed through IRD on a project mode. This has made the processing faster and efficient.

International Connect

Major Delegation Visits to IIT Delhi

Pierre DUYSINX, Vice-Rector for Mobility and International Affairs, University of Liege, Belgium - October 28, 2025

Dr. Anna Tyshetskaya Vice-Chancellor & Director of HSE University – Saint- Petersburg - October 29, 2025

Dr. Doulaye SANOU, Secretary General of the Energy Ministry of Burkina Faso - October 30, 2025

4-member delegation from University of Saskatchewan, Canada - November 3, 2025

29-member delegation from Qatar – November 10, 2025

Ing. Giulia Monteleone, Director, Department of Energy Technologies and Renewable Sources, ENEA Italy - November 19, 2025

10-member delegation from RUSSOFT, led by Valentin Makarov, President of RUSSOFT Association, Russia - November 26, 2025

Dr. Enrique Vásquez, Rector, Universidad Autónoma del Perú - December 1, 2025

3-member delegation from Tribhuvan University Nepal – December 4, 2025

H.E. Yousef Bin Abdullah Al-Benyan, Hon'ble Minister of Education, Kingdom of Saudi Arabia - December 9, 2025

9-member delegation led by Mr. Ta Dinh Thi, Vice Chairman, National Assembly's Committee on Science, Technology and Environment, Vietnam - December 16, 2025
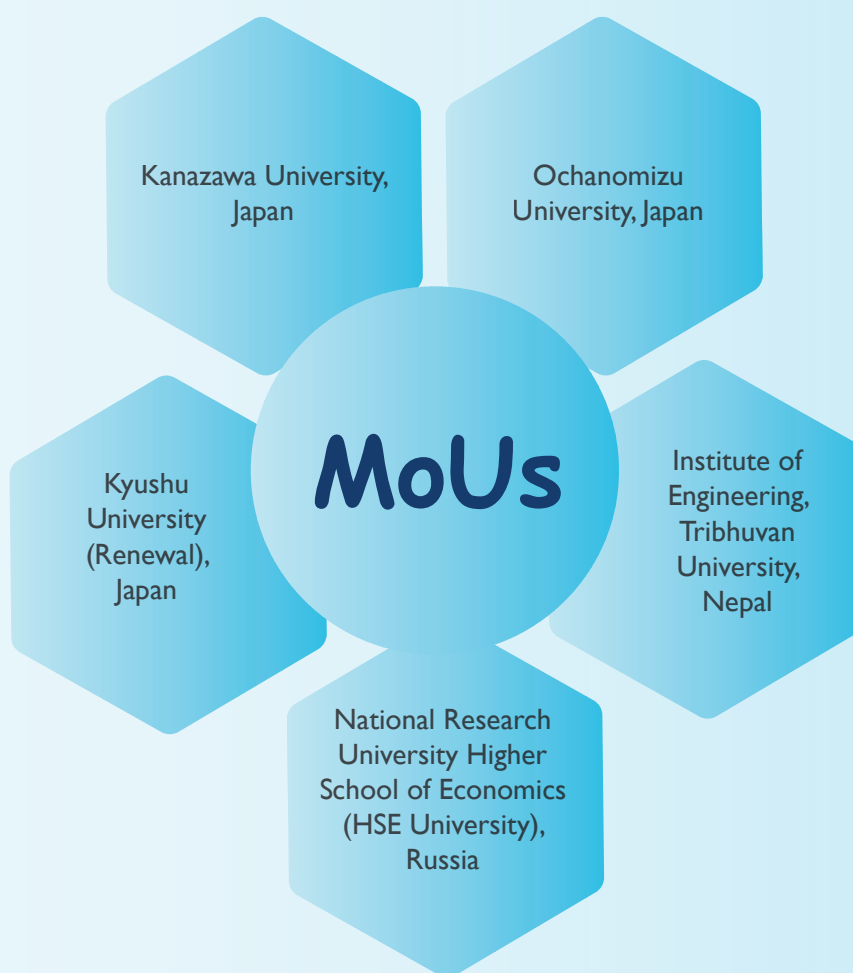

7-member delegation from Vietnam National University, Hanoi - December 24, 2025

- Virtual meeting with University of Pennsylvania - October 13, 2025
- 3-member delegation from Japan External Trade Organization - October 15, 2025
- Mr. Nakayama Yasuyuki, Ochanomizu University, Japan - November 17, 2025
- Mrs. Yuliya Sivaldayeva, Representative, State Agency for Science and Education, Azerbaijan - November 18, 2025
- Prof. Geraint Rees, Vice-Provost (Research, Innovation & Global Engagement), UCL, UK - November 20, 2025
- 12-member Delegation from Egypt, comprising 10 youths and 2 officials - December 1, 2025
- Prof. Tariq Ali, Pro-Vice-Chancellor, Global Engagement & Partnerships, University of Liverpool, UK - December 10, 2025
- 4-member delegation from Keio University, Japan – December 17, 2025
- Prof. Rangam Rajkhowa (Group Leader: Future Fibres Group, Institute for Frontier Materials), Deakin University, South Asia – December 22, 2025

Memorandum of Understanding (MoUs)

IIT Delhi formalized academic collaborations with the following institutions during October-December 2025:

Kanazawa University, Japan

Ochanomizu University, Japan

Kyushu University (Renewal), Japan

MoUs

Institute of Engineering, Tribhuvan University, Nepal

National Research University Higher School of Economics (HSE University), Russia

India–Japan Collaboration in Science & Technology

IIT Delhi hosted the International Conference on Frontier Areas of Science and Technology (ICFAST 2025) on 12th October 2025, jointly organised by the Japan Society for the Promotion of Science (JSPS), and the Indian JSPS Alumni Association (IJAA). The keynote lecture was delivered by Dr. Akira Yoshino, Nobel Laureate (2019, Chemistry), recognised for his pioneering work on Lithium-ion Batteries (LIBs) - a landmark innovation that transformed portable energy systems worldwide.

Corporate Relations

IIT Delhi Partners with Yamaha Motor Solutions India

The Indian Institute of Technology Delhi (IIT Delhi) has entered into a long-term strategic research collaboration with Yamaha Motor Solutions (India) Private Limited (YMSLI), a Yamaha Motor Group Company. This engagement was formalized with the signing of a Memorandum of Understanding (MoU) at IIT Delhi, aiming to bring together academic excellence and industrial expertise. At the core of the partnership is the newly established Emerging Technologies and Innovation Lab (ETIL) at IIT Delhi, which will serve as a joint platform for innovation and co-creation. The laboratory will focus on advancing key research themes such as AI, Agritech, Healthcare, Autonomous Mobility Road Safety and Robotics. Through this initiative, IIT Delhi aims to drive cutting-edge innovation and foster a vibrant, collaborative industry–academia ecosystem. The research collaboration activities will be administered from a dedicated liaison space within the Research and Innovation Park at IIT Delhi.

IIT Delhi, ERLDC Collaborate to Develop AI-Enabled Smart Device for Demand Side Energy Management

IIT Delhi has partnered with the Eastern Regional Load Dispatch Centre (ERLDC), under Grid Controller of India Limited (Grid-India), for the design and development of a Smart Device with built-in Real Time-of-Use Tariff-based Demand Side Management Controller. This project aims to develop an AI-enabled smart home energy management system capable of optimising electricity consumption and costs while maintaining user comfort. The system will integrate smart plugs, sensors, and a microcontroller to process data from time-of-use (ToU) pricing, weather conditions, occupancy, and user preferences. Using machine learning and optimisation algorithms, it will automate load control, support demand flexibility, and enhance grid reliability. The project is led by Prof. Ankit Singhal from the Department of Electrical Engineering.

NRLDC (Grid India) Review Milestones Under their R&D Collaboration on Grid Stability and Black Start Capabilities

The Corporate Relations hosted a delegation from the Northern Regional Load Dispatch Centre (NRLDC–Grid India), led by Executive Director Mr. Manoj Kumar Agrawal. Earlier this year, IIT Delhi and NRLDC entered into an R&D partnership aimed at developing advanced solutions for grid stability and renewable energy integration. The meeting included a review of completed milestones, discussions on ongoing work, and a lab visit. NRLDC, a key arm of Grid Controller of India Limited, plays a vital role in ensuring the stability and reliability of the Northern Region's power system. The project, led by Prof. Avanish Tripathi and Prof. Rabindra Mohanty from the Department of Energy Science and Engineering, focuses on enhancing black start capabilities using inverter-based resources to strengthen power restoration and grid resilience. Prof. Ashwini Agrawal, Dean (Research and Development), and Prof. Ramesh Narayanan, Head of the Department of Energy Science and Engineering, were also present on the occasion and shared insights on the department's initiatives and IIT Delhi's ongoing efforts to foster strong industry–academia partnerships.

Awards & Achievements

Prof. Konijeti Sreenadh
Mathematics

Prof. K.L. Chopra Faculty Research Award in Basic Research

Prof. Sourabh Ghosh
Textile and Fibre Engineering

Prof. P.C.P. Bhatt Faculty Research Award in Applied Research

Prof. Ashok Kumar Ganguli
Chemistry

Sulochana and Colonel A Krishnaswami VrC VSM** Faculty Lifetime Research Award

Prof. Sarvesh Kumar Srivastava
CBME

Early Career Mrs. Veena Arora Faculty Research Award

Prof. Sujit Manna
Physics

Early Career Mrs. Veena Arora Faculty Research Award

Prof. Arpan Chattopadhyay
Electrical Engineering

Early Career Mrs. Veena Arora Faculty Research Award

Prof. Neeraj Khare
Physics

Awarded Fellowship of the Royal Society of Chemistry, UK

Prof. Manabendra Saharia
Civil and Environmental Engineering

AHI Young Hydrologist Award 2024 by the Association of Hydrologists of India (AHI)

Prof. Abhijit Majumdar
Textile and Fibre Engineering

Nominated as the Chairperson of NITI Aayog Working Group on Circular Economy in Textile Waste

Prof. Tanmoy Chakraborty
Electrical Engineering

ACM Outstanding Contribution to Computing Education (OCCE) Award

Prof. Neetu Singh
Centre for Biomedical Engineering

Elected as Fellow of the Society for Biomaterials and Artificial Organs, India (SBAOI)

Prof. Pranaba Kishore Muduli
Physics

Elevated to the grade of Senior Member of IEEE 2025

Prof. Amit Nain
Kusuma School of Biological Sciences

Merck Young Scientist Award 2025 in the Emerging Talent (Biological Sciences) category

Prof. Janakiram Vaitla
Chemistry

Merck Young Scientist Award in the Scientific Excellence category under Chemical Sciences

Prof. Chinmoy Kumar Hazra
Chemistry

Organisation of Pharmaceutical Producers of India (OPPI) Young Scientist Award 2025

Prof. Smruti Ranjan Sarangi
Computer Science and Engineering

Elected as an ACM Distinguished Member

Prof. G. Vijaya Prakash
Physics

Elected as Fellow of Institute of Physics, UK

Prof. Santosh Kapuria
Applied Mechanics

Elected as Fellow of the Indian Association for Computational Mechanics

Prof. Lucinda Elizabeth Doyle
Biochemical Engineering & Biotechnology

Selected to be one of twelve Suzuki Next Bharat Research Fellows

Continuing Education Programme

Continuing Education Programme (CEP) remains dedicated to expanding its global reach, integrating cutting-edge technologies into its curriculum, and enabling professionals to thrive in an increasingly digital and knowledge-driven world.

Significant developments during October-December 2025 quarter include:

- The successful delivery and expansion of Online PG Diploma Programmes,

- The strengthening of Artificial Intelligence (AI)-focused courses, and

- The broadening of executive and professional certificate offerings across multiple domains.

These initiatives reflect IIT Delhi's vision of making quality technical and professional education more accessible, impactful, and globally relevant.

Online PG Diploma Programmes

IIT Delhi further expanded its postgraduate portfolio with the introduction and continuation of three advanced, interdisciplinary Online PG Diploma Programmes. These 12-month, credit-bearing programmes are designed to provide in-depth knowledge, practical exposure, and leadership-oriented skills for mid-career professionals.

They exemplify IIT Delhi's commitment to industry-aligned, flexible, and high-quality learning for professionals.

Expansion of Certificate Programmes – Broadening Professional Learning

CEP continued to strengthen its range of certificate programmes during this quarter, offering short- and medium-duration courses for working professionals across diverse sectors.

Key Domains Covered

- Artificial Intelligence and Machine Learning
- Data Science and Analytics, Applied Data Science and AI
- Project and Leadership Management
- Renewable Energy Systems
- Healthcare Innovation and Management
- Quantum Computing and Emerging Technologies

These offerings continue to contribute to India's skilling and capacity-building ecosystem, attracting learners from across the country and abroad, including participants from Tier II/III cities and regions such as Southeast Asia and the Middle East.

CEP Organises Training Programme for CAG Officials; CAG of India Interacts with Participants

On January 07, 2026, the Comptroller and Auditor General of India visited IIT Delhi to interact with CAG officials who underwent a training programme conducted by the CEP, IIT Delhi. The CAG of India sought the participants' feedback on their learning experience. The officials expressed high levels of satisfaction and appreciated the programme's strong practical orientation. The participants specifically highlighted the real-world applicability of Artificial Intelligence and Machine Learning, sharing examples of how the learnings are being effectively applied in their day-to-day professional work. The visit underscored the programme's relevance, impact, and alignment with contemporary technological needs in governance and public sector functioning. Prof. Rangan Banerjee, Director, IIT Delhi, was also present on this occasion.

Programme Reach and Man-Hour Delivery

CEP achieved significant growth in enrolment and teaching delivery during the third quarter of FY 2025–26.

Highlights (October–December 2025)

- Over 3,892 professionals enrolled across certificate programmes this quarter.
- Approximately 46% of new enrolments were from AI and Data Science-related programmes.
- Participants represented public sector undertakings, IT and software firms, healthcare organisations, startups, and consulting firms.

Quarter at a Glance

Key Metric	Value
Programmes Notified	21
Programmes Launched	14
Programmes Under Delivery	47
Total Enrolled Learners	3,892
Learner Man-Hours Delivered	3,41,636+

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