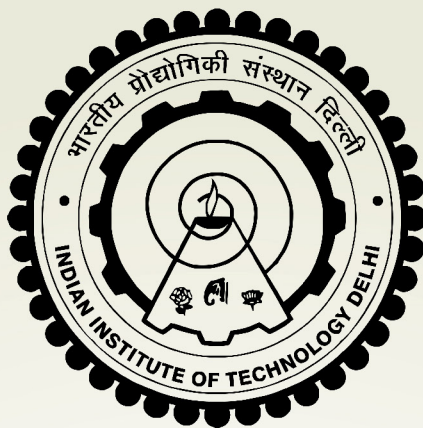




INDIAN INSTITUTE OF TECHNOLOGY DELHI

Quarterly

NEWSLETTER

August 2025



TABLE OF CONTENTS

1
NEWS UPDATE

7
**RESEARCH AND
INNVOATION**

9
**INDUSTRIAL RESEARCH
AND DEVELOPMENT**

12
CORPORATE RELATIONS

14
**INTERNATIONAL
CONNECT**

16
ALUMNI RELATIONS

18
**AWARDS &
ACHIEVEMENTS**

21
**CONTINUING
EDUCATION
PROGRAMME**

NEWS UPDATE

► 56th Convocation: 2764 IIT Delhi Students Awarded Degrees and Diplomas

IIT Delhi held its 56th Convocation ceremony on August 2, 2025. Chief Guest Dr. Tessy Thomas, FNAE, former Director General (Aeronautical Systems), DRDO, and known as the Missile Woman of India, delivered the convocation address. The convocation ceremony was presided over by Shri Harish Salve, Chairperson, Board of Governors, IIT Delhi.



2764 IIT Delhi students, including 530 PhDs (highest-ever), were awarded degrees and diplomas at the convocation. 43 international students from around 20 countries were also awarded degrees.

The first graduates in the B. Tech. course in Energy Engineering and three PG courses, the Interdisciplinary M.Tech. course in Robotics, and the Master of Science by Research in VLSI Design, Tools and Technology, and Artificial Intelligence were awarded degrees at the 56th convocation.

Twenty-year-old Chandan Godara, B.Tech. Civil Engineering, was the youngest graduate, and sixty-three-year-old PhD scholar Gopal Krishan Taneja was the oldest graduate to receive their degrees.



Ankit Mondal, B. Tech. Computer Science and Engineering, received the President's Gold Medal; Jaskaran Singh Sodhi, B. Tech Materials Science and Engineering, received the Director's Gold Medal; and Devinder Kumar, M. Tech. in Structural Engineering, received the Dr. Shankar Dayal Sharma (Former President of India) Gold Medal.



Shreyansh Gupta, M.Tech. Thermal Engineering, and Soumili Chakraborti, M.Tech. Polymer Science and Technology, were awarded the Perfect Ten Gold Medals. The Institute Silver Medals were awarded to 16 students.



While addressing the graduating students, Chief Guest Dr. Tessy Thomas said, “It is with immense pride and a deep sense of honour that I stand before you today at the 56th Convocation of IIT Delhi—a cradle of innovation, knowledge, and nation-building. You have reached the culmination of years of rigorous study, countless hours of experimentation, and sleepless nights of coding, designing, analysing, innovating, and aiming high. At IIT Delhi, you have mastered the principles of science and engineering and cultivated values like curiosity, resilience, and the courage that define a global technologist.”



► IIT Delhi Introduces Outcomes-Based Revised UG, PG and PhD Curriculum

As part of the curriculum revision, each course in each programme was reviewed and revamped. The main themes of the revised undergraduate curriculum are flexibility, a deep focus on hands-on learning, and, in line with the needs of the modern world, emphasis on environment and sustainability, creative expression, ethical reasoning, and emerging trends in technology (such as artificial intelligence and machine learning).



The M. Tech./MS (Research) curriculum will have a rationalized, outcomes-based programme structure, with an emphasis on industry connect and project-based learning. A provision for conversion to a PhD degree while pursuing M. Tech. /MSR is also provided.

The Institute has also formalized the PhD curriculum, which emphasizes producing independent researchers with ethical utilization of transferable skills in a professional setting.

► QSWUR 2026: IIT Delhi Jumps to 123rd Rank; Emerges as No. 1 Institute in India

According to the latest QS World University Rankings (QSWUR) 2026, IIT Delhi's global ranking has seen a significant jump from the earlier 150th position to the current 123rd rank. This is also the highest QS World University Ranking achieved so far by the Institute. Moreover, IIT Delhi emerged as India's No. 1 educational institute.



QSWUR 2026 indicators-

Employer Reputation: IIT Delhi featured in the list of top 50 global institutions

Citations/Faculty: Top 100

Academic Reputation: Top 150

Sustainability: Top 175

► Union Minister of Textiles Launches Report on Handloom Carbon Footprint Assessment

The report titled "Carbon Footprint Assessment in the Indian Handloom Sector," jointly prepared by the Office of the Development Commissioner for Handlooms, the Ministry of Textiles, and the Department of Textiles & Fibre Engineering, offers straightforward steps for measuring carbon footprints through real-world case studies from across India, covering products such as cotton bedsheets, floor mats, Ikat sarees, Banarasi sarees, and several other iconic handloom items.



► IIT Delhi Inaugurates State-of-the-Art MRI Research Facility

Equipped with a 1.5 Tesla clinical-grade MRI scanner, this facility is the first of its kind among leading engineering and technology institutions in India, dedicated exclusively to research and teaching. Unlike conventional MRI setups embedded within hospital ecosystems, this facility is designed to foster unrestricted innovation in medical imaging, particularly in Magnetic Resonance Imaging (MRI). The state-of-the-art MRI Research facility has been established under the Institute of Eminence (IoE) initiative.



► Workshop on 'Future Ready Energy Education: Opportunities and Challenges' Held

The Union Education Minister, Shri Dharmendra Pradhan, delivered the valedictory address at the workshop for which the top 100 NIRF-ranked institutions as well as several other institutions with an energy focus were invited. On this occasion, the education minister also launched a website called "Oorja Sangam". The website is to serve as a "single stop" portal for research and academic programs on energy, climate, and sustainability in the country.



► Hands-on Science Workshops for Students in Northeast

Under the northeast outreach initiative, multiple activities were organized through IIT-PAL (Professor Assisted Learning), a program run by IIT Delhi and the Ministry of Education, Government of India. IIT Delhi's Prof. Ravi P. Singh, National Coordinator for Chemistry-IIT PAL, visited different schools and colleges in Aizawl and other districts in Mizoram and conducted hands-on science workshops. The goal was to enthuse students in these remote areas about science & technology at an early age.



► Change Makers 2025 Summer Bootcamp Successfully Culminates

The Change Makers 2025 Summer Bootcamp organised by IIT Delhi for the students of classes 11th, 12th, and first-year undergraduates successfully culminated with an exhibition of innovative solutions developed by them to tackle various environmental challenges the planet is facing today. Over 100 students from all over the country participated in the three-week hybrid bootcamp that was held from 9th to 27th June 2025.



► CERC, IIT Delhi and Grid Controller of India Sign MoU

The Central Electricity Regulatory Commission (CERC), IIT Delhi, and Grid Controller of India (Grid-India) have signed an MoU to establish a Centre of Excellence (CoE) at IIT Delhi that will work in the area of power sector regulation, policies, power markets, and grid operations. The CoE will act as a knowledge hub from which the regulatory commissions, power system operators, utilities, and other organisations can draw expertise to meet their specific job requirements.



► Aarogya Health Talk Series

The second talk under the Aarogya Health Talk Series, an initiative by the IIT Delhi Hospital & Academic Outreach, delivered by Dr B. Garg, AIIMS Delhi, focused on "Understanding and Managing Back Pain." The third talk by Dr. Amit Khosla, Sir Ganga Ram Hospital, focused on cataract, a common yet treatable vision disorder. And the 4th talk was held on the topic of 'In-flight Medical Emergency' that was delivered by Dr. Deepak Gupta, Neurosurgery, AIIMS Delhi & Adjunct Professor, IIT Delhi.



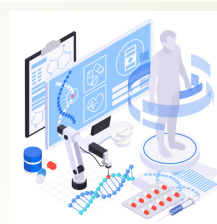
► IIT Delhi Hosts ‘Manasvi: STEM Mentorship Program for High School Girls’

The Academic Outreach and New Initiatives Office at IIT Delhi hosted 100 spirited schoolgirls from classes 9-12, mostly from Delhi NCR region for the Manasvi: STEM Mentorship Program for High School Girls. The objective of the program is to improve the skewed gender ratio in STEM and imbibe the girls with the right set of skills and mindset to encourage them to pursue careers in STEM.



► IIT Delhi Debuts Online PG Diplomas to Empower Next-Gen Technological Leadership

The three online PG Diploma programmes launched by IIT Delhi in Healthcare Product Development and Management, Electric Vehicle (EV) Technology and Advanced Communication Engineering with Quantum and AI Integration to empower next-gen technological leadership will witness interactive online sessions conducted by IIT Delhi faculty in collaboration with leading industry experts.



► Manufacturing Innovation Show by 1st Year IIT Delhi UG Students

The Central Workshop at IIT Delhi organized a “Manufacturing Innovation Show” to display innovative products developed by the Institute’s first-year undergraduates of all disciplines. The products were developed by the students during their semester-long course, MCP101: Product Realization Through Manufacturing. More than 150 projects under eight thematic areas, such as Mechatronics, Mechanism, Machines, Smart devices, Sustainability, Agriculture, Automation, Electronics & IoT, and Robotics, were displayed in the Lecture Hall Complex.



► IIT Delhi Launches Jigyasa, an Initiative to Take Science to Masses

This initiative attempts to connect people to the work done in the laboratories of institutions of eminence like IIT Delhi. Under this initiative by the Academic Outreach office, IIT Delhi researchers, including students and faculty, will present their research works at various science and technology education institutions and beyond. The inaugural event under Jigyasa was organised on May 12, 2025, at J.C. Bose University of Science and Technology, YMCA, Faridabad, in celebration of National Technology Day.



► Walking Among the Stars: An Interaction with Astronauts

In a landmark event held in the month of May, a group of international and national astronauts were present at IIT Delhi, including Sirisha Bandla (USA/India), a commercial astronaut from Virgin Galactic’s Unity 22 mission; Angad Pratap (India), one of ISRO’s selected astronauts for the Gaganyaan mission; and Hazzaa Al Mansoori (UAE), the first Emirati astronaut and a veteran of an International Space Station mission.

The astronauts visited the Intelligent Robotic Teammate Lab at the R&I Park, where they engaged with students and researchers and participated in a panel discussion that covered topics from scientific experiments in orbit—such as gene expression in plants for climate resilience—to 3D printing of human tissues in microgravity.



► Alumni Awards 2025

At the 56th convocation, IIT Delhi honored its esteemed alumni with the prestigious Alumni Awards.



Prof. Gajendra P.S. Raghava (1986 Batch)
Distinguished Alumni Award
Academics and Research



Dr. Gargi Maheshwari (1999 batch)
Distinguished Alumni Award
Industry and Corporate Leadership



Dr. Prabu Raja (1991 batch)
Distinguished Alumni Award
Industry and Corporate Leadership



Ms. Ramya Venkataraman (1997 Batch)
Distinguished Alumni Award
Public Service



Dr. Sivaraj Shyam-Sunder (1977 Batch)
Distinguished Alumni Award
Public Service



Mr. Srikanth Velamakanni (1996 Batch)
Distinguished Alumni Award
Entrepreneurship



Ambassador Sunjay Sudhir (1989 Batch)
Distinguished Alumni Service Award
Public Service



Mr. Rishabh Goel (2016 Batch)
Graduates of Last Decade (GOLD) Award
Entrepreneurship

► DAA Wall

Instituted in 1992, the Distinguished Alumni Award (DAA), the highest recognition conferred by the Institute upon its alumni for exceptional achievements and societal contributions, has been awarded to 151 alumni to date. On August 2, 2025, the Institute inaugurated a DAA Wall in the Lecture Hall Complex in honor of DAA recipients. Shri Harish Salve, Chairperson, Board of Governors, IIT Delhi, launched the DAA Wall in the presence of the convocation chief guest, Dr. Tessy Thomas, distinguished alumni, and IIT Delhi Director.



Research and Innovation

► Method to Recycle Denim Waste to Knitted Garments Without Compromising Quality Developed

A team of researchers from the Department of Textile and Fibre Engineering, IIT Delhi, has developed a method to recycle denim waste to knitted garments without compromising quality. Waste denims were recycled into yarns ensuring minimum damage to the fibre properties by optimising the process conditions. Recycled yarns were then blended into knitted fabric using the seamless whole garment technology. Knitted garments were produced varying the recycled yarn content from 25% to 75%. The research team (Prof. Abhijit Majumdar, Prof. B.S. Butola, PhD scholar Satya Karmakar) found that up to 50% of recycled yarns can be used in knitted clothing without deteriorating the feel of the product. Outcome of this research has been highlighted in the Journal of Cleaner Production. Another key aspect of this research was to quantify the environmental benefits through life cycle assessment (LCA) in the Indian context.

(Read More: <https://shorturl.at/EPCJT>)



► AI Models for Instantaneous Quality Check of Cement

Cement, the key ingredient of concrete, is a critical industrial product that supports millions of jobs, drives urban development, and enables low-cost housing. Traditionally, cement quality is assessed by passing high-energy X-rays through clinker (partly processed cement lumps). This process takes hours, causing delays that often lead to material waste and energy-intensive reprocessing when defective clinkers are found. Addressing this challenge, Mr. Sheikh Junaid Fayaz, a PhD scholar under the supervision of Prof. N. M. Anoop Krishnan in the Civil Engineering Department at IIT Delhi, led the development of AI models that can predict clinker quality in fractions of a second. Not just ultra-fast, these models achieve ~88% lower errors compared to previously reported industrial-scale models, setting a new state-of-the-art benchmark.

(Read More: <https://shorturl.at/Dov3v>)



► AI Transforming Meteorological Prediction Through Innovative Approaches, Studies Show

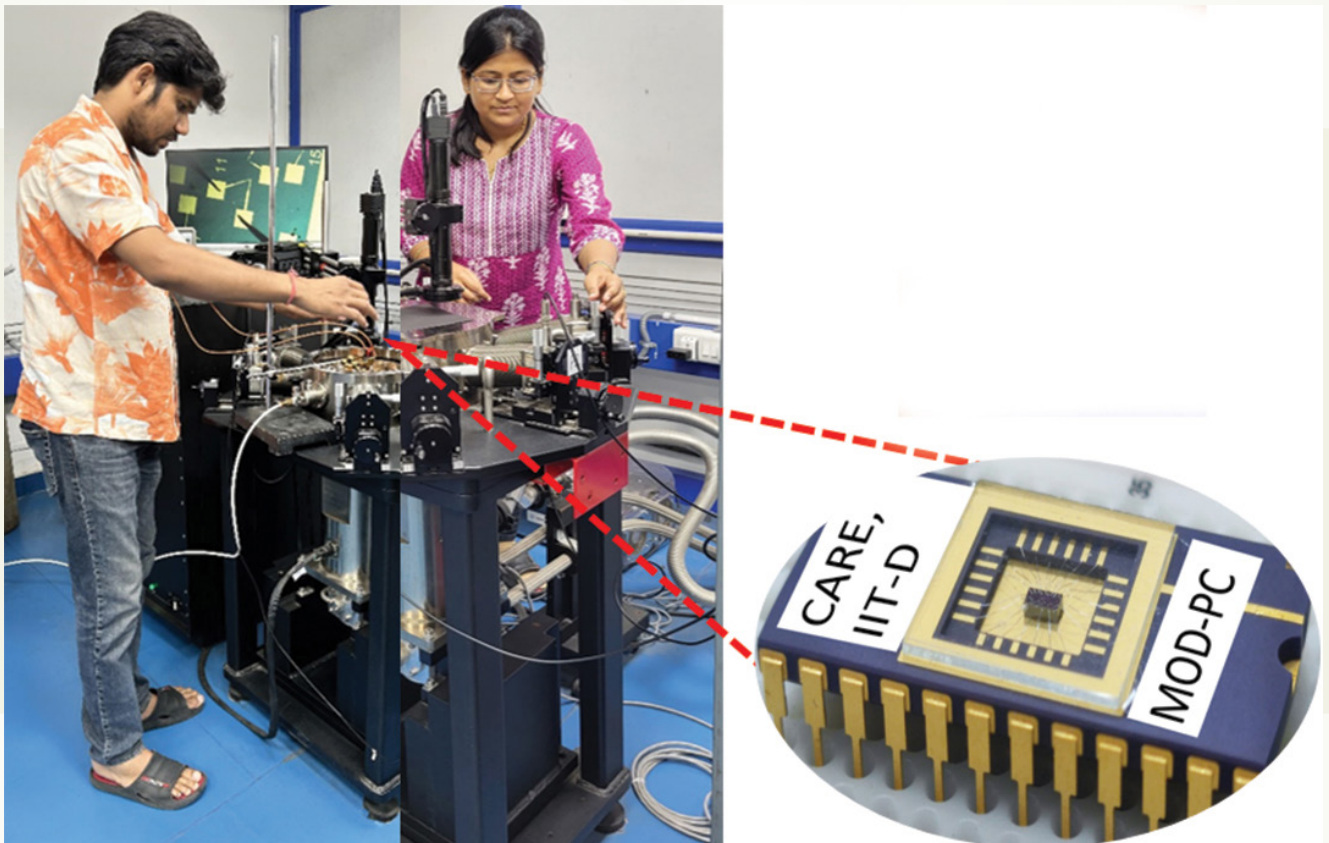
Two studies conducted by the IIT Delhi researchers have demonstrated how AI is transforming meteorological prediction through innovative approaches to tropical cyclone tracking and monsoon forecasting. In one study, conducted by doctoral candidate K. M. Anirudh under the guidance of Professors Sandeep Sukumaran and Hariprasad Kodamana, the researchers achieved significant advances in monsoon prediction through the application of transformer neural networks. The research team trained their model on a quarter-century of high-resolution satellite precipitation data, enabling the system to accurately forecast monsoon intraseasonal oscillation patterns with an 18-day lead time. In the second study, doctoral researcher Pankaj Lal Sahu, working under the same faculty advisors, conducted a comprehensive evaluation of four leading AI weather prediction systems. The AI systems demonstrated remarkable capability in 96-hour cyclone track forecasting, maintaining positional accuracy within 200 kilometers while completing computations in seconds rather than hours.

(Read More: <https://shorturl.at/IHM3l>)



► Multifunctional Optoelectronic Computing Device for Next-Gen Neuromorphic Hardware

A team of researchers from the Centre for Applied Research in Electronics has developed a small and energy efficient computing device with 2D-Materials technology. The researchers have given it a unique name: MOD-PC, i.e., Multifunctional Optoelectronic Device for Processing Circuits inferring its capability of doing various opto-electronic signal processing functionalities. So far, the market-available computers are manufactured with conventional semiconductor materials and architecture and thus are power hungry and bulky in size. The new replacement computing cell-MOD-PC is manufactured with light-sensitive Tungsten Diselenide (WSe₂), a potential game changing 2D-material for producing the futuristic deep-scaled computing chips. (Read More: <https://shorturl.at/PkRF1>)



► Researchers Develop an E-Voting Platform Called 'OpenVoting'

The e-voting platform, OpenVoting, introduces a first-of-its-kind dual voting system in India, combining the cryptographic security of end-to-end verifiable electronic voting with the reliability of voter-verified paper records (VVPRs). Each electronic vote is cryptographically coupled with its corresponding paper ballot, ensuring that any attempt at tampering, whether electronic or physical, is immediately detectable. IIT Delhi successfully conducted the Co-Curricular and Academic Interaction Council (CAIC) elections through 'OpenVoting' Platform. Developed and tested at IIT Delhi, the system ensured a smooth, transparent, and tamper-proof electoral process. The dual voting platform was conceptualised and designed by a team involving Prof. Subodh Sharma, Dr. Prashant Agrawal, and Prof. Subhashis Banerjee, with engineering led by Prof. Sharma and support from Electrical Engineering undergraduates Raaginee and Umang.

(Read More: <https://tinyurl.com/5n8w9422>)



Industrial Research and Development

Sponsored Research & Consultancy Projects Initiated Through IRD Unit during April - June 2025

**Total
Sanctioned
Funds: ₹ 121
Crores**

**Total No of
Projects: 176**

77 Sponsored Research Projects || Total Sanctioned Fund ₹ 111 Crores

Project Department/Centre/School	No. of Projects	Sanctioned Funds (Rs. in Crores)
Dept. of Applied Mechanics	2	1.14
Dept. of Biochemical Engineering & Biotechnology	2	0.53
Dept. of Chemical Engineering	4	1.34
Dept. of Chemistry	2	0.87
Dept. of Civil Engineering	6	38.37
Dept. of Computer Science & Engineering	2	0.96
Dept. of Design	1	0.08
Dept. of Electrical Engineering	3	2.07
Dept. of Energy Science and Engineering	6	3.49
Dept. of Material Science & Engineering	5	4.59
Dept. of Mechanical Engineering	5	3.10
Dept. of Physics	4	1.32
Dept. of Textile & Fibre Engineering	5	0.92
Centre for Applied Research in Electronics (CARE)	5	5.38
Centre for Atmospheric Sciences	2	0.69
Centre for Automotive Research and Tribology (CART)	3	28.36
Centre for Biomedical Engineering	6	6.33
Centre for Rural Development & Technology (CRDT)	2	0.44
Optics and Photonics Centre	2	2.00
Centre for Sensors, Instrumentation and Cyber-physical Systems Engineering (SeNSE)	1	0.19
School of Biological Sciences	2	0.78
School of Public Policy	3	6.23
Yardi School of Artificial Intelligence	1	0.72
Central Library	1	0.20
Office of Dean (D&I)	1	0.10
Office of Dean (International Programmes)	1	0.38

99 Consultancy Projects || Total Sanctioned Fund ₹ 10 crores

Project Department	No.	Sanctioned Funds (Rs. in Crores)
Dept. of Applied Mechanics	12	0.67
Dept. of Chemistry	1	0.02
Dept. of Civil Engineering	74	6.93
Dept. of Computer Science & Engineering	1	0.13
Dept. of Electrical Engineering	1	0.20
Dept. of Energy Science and Engineering	4	1.01
Dept. of Management Studies	2	0.37
Dept. of Mechanical Engineering	1	0.05
Dept. of Textile & Fibre Engineering	1	0.10
Centre for Biomedical Engineering	1	0.21
School of Information Technology	1	0.05

► Significant Research-Related Activities

Centre of Excellence

- Wadhvani Innovation Network CoE on Personalised Healthcare at IITD: India's first Center for Precision Medicine & Medtech

Wadhvani Foundation, a global non-profit tech organisation, signed a memorandum of understanding for setting up the Wadhvani Innovation Network CoE on Precision & Personalised Healthcare at IIT Delhi. The WIN-CoE at IIT Delhi will support research grants for technology development, translation, capacity building, and advanced research training. WIN-CoE envisions transforming bold ideas into viable healthcare products and technologies. IIT Delhi is pioneering in this domain through the Centre for Biomedical Engineering.

Multi-Institutional Faculty Interdisciplinary Research Projects (MFIRP)

- MFIRP with Khalifa University (KU)

IITD, including IIT Delhi's international campus in Abu Dhabi (IITD-AD) and Khalifa University (KU), contributed matching grants to support 13 joint projects in the targeted research areas, namely Advanced Materials and Devices, Manufacturing & Industry 4.0, Quantum Technologies, Water and Climate Sustainability, Carbon Capture, Utilisation, and Storage.



- MFIRP with Mohamed bin Zayed University of Artificial Intelligence (MBZUAI)

IITD/(IITD-AD) and the Mohamed Bin Zayed University of Artificial Intelligence (MBZUAI) contributed funds to support 07 joint projects in the multidisciplinary research areas targeted towards application of Artificial Intelligence in research areas including, but not limited to, Healthcare, Smart Cities & Infrastructure, Smart Manufacturing & Materials, Energy & Sustainability.



- MFIRP with Delft University of Technology (TUD)-IITD

TUD-IITD to support 05 joint projects in the areas of Climate, Communication, 04 joint projects in the areas of Climate, Energy, Disaster Management, Sensing-Control-Communication and Big Data mining.



- **MFIRP with AIIMS and University College of London (UCL)**

IIT Delhi and University College of London (UCL), UK contributed matching seed fund grants to support 04 short term projects with Technology Readiness Levels (TRL 1-3) for one year and 03 long term projects Technology Readiness Levels (TRL 3 and above) for 2 years to enhance research activity between the three institutions in the research area of Digital Health & Imaging and Devices & Implants.



MFIRP Review Meetings

- **Review Meeting of Sorbonne University-IITD Joint Projects**

A joint project progress review meeting between Sorbonne University and IIT Delhi was recently conducted. The collaboration has yielded significant outcomes, including 05 joint publications, 03 patents filed and 03 joint students are supervised under this scheme.



- **Review Meeting of NYCU-IITD Joint Projects**

The National Yang-Ming Chiao Tung University (NYCU) and IITD reviewed 17 joint projects and the major outcome includes 69 publications, 07 patents filed, 12 students supervised, 09 external projects submitted and 03 projects received funding support of about 6.8 cr in total. These results underscore the strength and productivity of the ongoing collaboration between NYCU and IIT Delhi.



Memorandum of Understanding

- **IIT Delhi and Jawaharlal Nehru University**

IIT Delhi and Jawaharlal Nehru University (JNU) - Central Laboratory Animal Resources (CLAR), New Delhi, signed an MoU on 23rd June, 2025 for conducting animal experiments by IITD faculty members at the CLAR facility, exclusively for research purpose.



- **IIT Delhi and National Quantum Mission & T-Hub (QMD Foundation)**

An MoU between the National Quantum Mission (NQM), a comprehensive initiative by the Government of India under the Department of Science & Technology, IIT Delhi and the T-Hub at IIT Delhi, i.e, QMD Foundation, was signed on 20th June 2025 to support the QMD Foundation, with a grant-in-aid. QMD foundations aims to foster innovation and efficiency in quantum materials, device fabrication, and scalable quantum technologies.



- **IIT Delhi, Aakanksha (Ministry of Defence, GoI) and Mechartes Researchers Pvt. Ltd., Noida**

An MoU between IIT Delhi & Aakanksha (Ministry of Defence, GoI) & Mechartes Researchers Pvt. Ltd., Noida, was signed on 11th July 2025 at IIT Delhi with an aim to develop indigenous defence technologies.



Review of IRD Student Start-up Action and Discover and Learn 1-2-3-4 projects

26 student projects of IRD Discover & Learn (1-2-3-4) and Student Start-up Action 2025 were reviewed on 15th May 2025 in the form of poster and demo presentations. Enthusiastic students presented their research work in the areas of Quantum Technology, Sensors, Smart Devices, Biocomposites, Autonomous Vehicles, Target Therapy, Renewable Energy, and Sustainable technologies. Significant achievements of this scheme includes 08 publications, 05 patents filed, and recognition through awards—Ms. Kusum Saini received the Vishwakarma Award 2024 and the Batch of 1969 Innovation Fellow Award 2024.



Corporate Relations

► Samsung Electronics Team Explores Research and Innovation Synergies

The Samsung Electronics team led by Mr. Yong Seok-woo (SW Yong), Head of Visual Display Business, visited IIT Delhi for a collaborative discussion. The visit focused on understanding IIT Delhi's core research strengths, emerging IT trends in India, the career trajectories of our graduates, and evolving consumer behavior in the Indian market. Prof. Rangan Banerjee, Director of IIT Delhi, and Prof. Preeti Ranjan Panda, Dean, Corporate Relations, shared valuable insights during the interaction. The delegation also visited the Research & Innovation Park at IIT Delhi, which offers a vibrant ecosystem that bridges cutting-edge research with real-world applications. The delegation interacted with startups working across deep tech, sustainability, AI, and digital innovation.



► HORIBA India CSR Partnership

HORIBA India has partnered with IIT Delhi for multiple research projects for development of science, which will ultimately benefit the society and growing national economy of India. On April 11, 2025, an MoU was signed by Prof. Preeti Ranjan Panda, Dean, Corporate Relations, IIT Delhi, and Dr. Rajeev Gautam – Senior Corporate Officer, HORIBA Ltd., Japan and President – HORIBA India. Under its CSR initiative, HORIBA India is supporting three key research projects: Green Hydrogen Generation led by Prof. Suddhasatwa Basu, Chemical Engineering; EV Motor Development led by Prof. Saptarshi Basak, Centre for Automotive Research and Tribology; and Smart Fabric 3D Printing led by Prof. Sagar Sarkar, Mechanical Engineering.



► LG Electronics Partner to Drive Innovation in Sustainable Home Appliance Technologies

LG Electronics has entered into an agreement with IIT Delhi to advance collaborative research in sustainable home appliance technologies. The partnership aims to leverage IIT Delhi's academic and research excellence and LG's industrial leadership to jointly develop smart, energy-efficient, and customer-centric solutions. Prof. Rangan Banerjee, Director, IIT Delhi, and Mr. Hyun Uk Lee, Executive Vice President, LG Home Appliance R&D Center, were present during the MoU signing ceremony.



► Agilent Technologies Explores Research and Innovation Collaborations

A team from Agilent Technologies led by Mr. Jonah Kirkwood, Senior Global Vice President, and Mr. Nandakumar Kalathil, Associate Vice President, Sales – India visited IIT Delhi. Agilent Technologies is a global leader in life sciences, diagnostics, and applied chemical markets, providing trusted tools and technologies that power scientific discovery and innovation. The visit focused on deepening collaboration around research priorities in semiconductors, lithium-ion battery testing, and biopharmaceuticals. Prof. Rangan Banerjee, Director, IIT Delhi, shared strategic insights into the institute's thrust areas and advancements in energy and semiconductor technologies. This was followed by an insightful session with Prof. Anurag Rathore, HOD, Chemical Engineering, on biopharmaceutical research and the role of AI/ML in analytical sciences.



► Honda Motors Explores Research Collaboration in AI and Autonomous Driving

A delegation from Honda visited IIT Delhi to engage with the institute's research community working in the domains of Artificial Intelligence (AI) for Autonomous Driving (AD) and Advanced Driver Assistance Systems (ADAS). Faculty members from IIT Delhi showcased their cutting-edge research, while the Honda team shared their vision for collaboration and outlined key technical research themes for potential joint exploration. The Honda representatives expressed great enthusiasm about the ongoing research at IIT Delhi and conveyed a strong commitment to deepening the partnership across both entities.

► IIT Delegation Visits South Korea to Strengthen Ties

As part of the Hyundai Centre of Excellence (CoE) initiative, a delegation from IIT Delhi, IIT Madras, and IIT Bombay visited South Korea to explore advanced technologies in EVs, smart mobility, and sustainable transport. The visit included facility tours at Hyundai Motor Asan Plant, Hyundai Transys Gigok Plant, Hyundai Steel Dangjin Plant, SK On Seosan Battery Plant, Namyang R&D Center, and others. Technical seminars organised during the visit showcased each institution's research strengths, fostering deeper collaboration in battery technology and electrification.



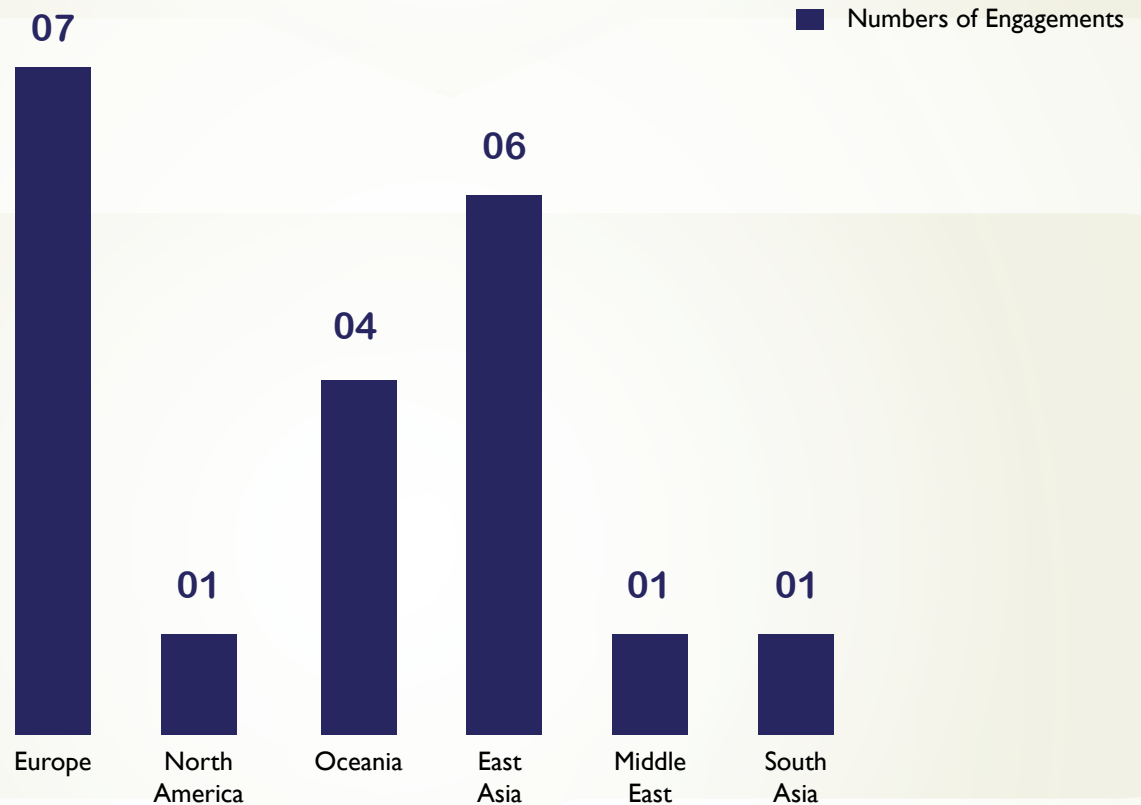
► Ansys Scholarships for M.Tech. Students

Through its CSR initiative, ANSYS Software Pvt. Ltd., a global leader in simulation-driven engineering solutions, has awarded scholarships to M.Tech. students at IIT Delhi. This generous support will help students focus on their academic and professional growth, fostering stronger academia-industry connections.



International Connect

During April-June 2025, the Institute hosted several international delegations, strengthening collaborations with partner universities and industry leaders worldwide. These engagements provided valuable opportunities to explore joint initiatives and deepen institutional partnerships.



Major Delegation Visits to IIT Delhi



A 21-member high-level Japanese delegation led by Ambassador Hiroshi Kawamura, Special Assistant to the Minister for Foreign Affairs of Japan for Science and Technology Cooperation

June 2025



Mr. Akinobu Kimura, Deputy Director, Japan Council of Local Authorities for International Relations, Singapore



Ms. Kit Srinivasan, Senior Manager,
Global Engagement, Aalto University,
Finland



A group of 20 journalists from Russia

May 2025



Dr. Kamahldin Hagbbeen,
Dean, International Collaboration, National Institute
of Genetics Engineering and Biotechnology
(NIGEB), Tehran, Iran



A 24-member delegation of MPs from Sri
Lanka, led by H.E. Dr. Rizvie Salih, Dy Speaker,
as part of a Capacity Building Programme
organised by the Parliamentary Research and
Training Institute for Democracies, India



Dr. Raj Das, Dy HoD,
Research & Innovation, RMIT University,
Australia

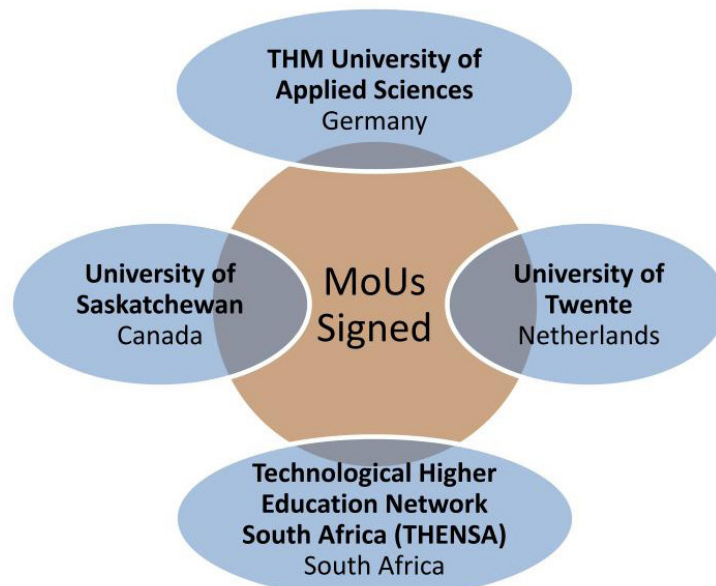
April 2025



Mr. Yoshinori Andou, CHRO,
Mitsui Chemicals India Pvt. Ltd., Japan

Memorandum of Understanding

IIT Delhi formalized academic collaborations with the following institutions:



Alumni Relations

► Alumni City Meetups

The Alumni Relations office is actively bringing the IIT Delhi spirit to cities across India with a series of Alumni City Meetups in 2025.

Chandigarh and Jaipur - May 2025



New York Alumni Meetup

On June 5, IIT Delhi alumni in New York gathered for a warm evening of reconnecting and reminiscing. Set against the bustling backdrop of the city that never sleeps, the event brought together professionals from various batches—each sharing memories of classroom camaraderie and campus life.



Bengaluru City Meetup

On June 28, the Bengaluru alumni meetup, hosted by the Alumni Relations Office at the Hyatt Centric on MG Road, was a heartfelt affair filled with laughter, nostalgia, and IIT Delhi pride.



Austin Brunch Gathering

On July 26, alumni in Austin, Texas, gathered for a relaxed Sunday brunch hosted by the IITD Alumni Relations Office at alum Sanjay Pillay's residence. With the Dean of Alumni Relations, Prof. Nilanjan Senroy in attendance, the morning featured lively conversations, campus updates, and new connections across batches.



► Newly Instituted Awards, Scholarships and Chairs (April to June 2025)

Delighted to announce a significant boost to the Institute's academic and research landscape, all thanks to the incredible generosity of our alumni community. This year alone, their support has led to the creation of five new scholarships, two new awards, and the naming of two new chairs.

Scholarships	Supported by
Prof. Prasoon Tiwari Memorial Scholarship	Mrs. Nirajana Tiwari
Mrs. Bhushan Mala Scholarship	Mr. Lalit Gupta
ANSYS Scholarship	Ansys Software Pvt. Ltd.
Sharda & Prakash Rai Luthra Benevolent Scholarship	Mr. Ash Luthra
Mittal Foundation Benevolent Scholarship	Mr. Mohit Mittal

Awards	Supported by
The Major Arjan K Kanal Memorial Award	Mr. Romi Kanal & Mrs. Nirupma Kanal
Shashank Chahar Memorial Award	Mr. Neel Garg

Chairs	Supported by
Mr. D P Gupta Chair Professor	Dr. Manish Gupta & Prof. Aarti Gupta
Mittal Foundation Chair in Climate Sciences	Mr. Mohit Mittal

Awards & Achievements



Prof. Aayan Bhowmik
Materials Science and Engineering
Emerging Researcher in Thermal Spray
Award 2025 by Indian Thermal Spray
Association



Prof. Saurabh Tewari
Design
Received Global Minds Research
Scholarship (Category A) from University of
Antwerp



Dr. Nabi Hasan
Librarian, Central Library
Awarded SLA Rose L. Vormelkar Award
2024 by Special Libraries Association USA



Prof. Svetha Venkatachari
Civil Engineering
Awarded prestigious fellowship of Coalition
for Disaster Resilient Infrastructure in 2025



Prof. Dipti Ranjan Sahoo
Civil Engineering
Awarded prestigious fellowship of Coalition
for Disaster Resilient Infrastructure in 2025



Prof. Vamsi Krishna Komarala
Department of Energy Science and Engineering
Appointed as a member of Photovoltaic
Science and Engineering International
Advisory Committee



Prof. Vasant Matsagar
Civil Engineering
Conferred upon by Construction Industry
Development Council as an Achievement Award
for Academician
&
Appointed as an Editorial Advisory Board Member
to the Journal of Structural Fire Engineering
by Emerald Publishing

► The Women of Impact at IIT Delhi Awards

Exemplary Woman Leadership Award (Professor Level)



Prof. Mangala Joshi
Textile and Fibre Engineering



Prof. Shilpi Sharma
Biochemical Engineering and Biotechnology

Emerging Woman Leadership Award



Prof. Sampa Saha
Materials Science and Engineering



Prof. Kavya Dashora
Centre for Rural Development and Technology



Prof. Joyee Ghosh
Physics



Prof. Nirat Ray
Materials Science and Engineering

► Sansthan Awards 2024



S. No.	Name (Smt./Shri)	Designation & Department	Award
1.	Anand Prakash	Deputy Registrar, IRD	Lifetime Award
2.	Subhash Chand	Deputy Technical Officer, Mechanical Engg.	Lifetime Award
3.	Saksham Saraswat	Administrative Assistant, O/o Dean Academics	Outstanding Employee Award
4.	Deepesh Kandpal	Administrative Assistant, Establishment Section-II	Sansthan Award
5.	Sandeep Kashyap	Dy. Technical Officer, Physics Dept.	Sansthan Award
6.	Praveen Kumar	Assistant (Caretaking), Hostel Org.	Sansthan Award
7.	Ravi Kumar	Administrative Assistant, Hospital & Health Services	Sansthan Award
8.	Vikas Khatkar	Dy. Technical Officer, Textile & Fibre Engg.	Sansthan Award
9.	Indermani	Dy. Technical Officer, Hindi Cell	Sansthan Award
10.	Deepak Kumar	Accounts & Audit Assistant, Accounts Section	Sansthan Award
11.	Manoranjan Kundu	Dy. Technical Officer, Textile & Fibre Engg	Sansthan Award
12.	Rajesh Tomer	Asst. Administrative Officer, Career Services	Sansthan Award
13.	Lalit Kapoor	Asst. Administrative Officer, O/o Deputy Director (S&P)	Sansthan Award
14.	Parkash Chander	Technical Assistant, Security Unit	Sansthan Award
15.	Shubhra Gupta	Jr. Technical Officer, Chemistry Dept.	Sansthan Award
16.	Pankaj Kumar	Technical Assistant, Physics Dept.	Sansthan Award
17.	Krishan Kumar	Dy. Technical Officer, Chemical Engg.	Sansthan Award
18.	Meena Khanna	Dy. Administrative Officer, Central Library & NRF	Sansthan Award
19.	Vipin Soni	Technical Assistant, Applied Mechanics	Sansthan Award
20.	Ravinder Singh	Asst. Security Officer, Security Unit	Sansthan Award
21.	Naeem Akhtar	Accounts & Audit Assistant, Accounts Section	Sansthan Award
22.	Hemraj Dhodhawat	Technical Assistant, SeNSE	Sansthan Award
23.	Md. Ale Imran	Jr. Technical Officer, Electrical Engg.	Sansthan Award
24.	Satender	Jr. Superintendent (Hospitality), Hostel Org.	Jubilee Staff Award
25.	Kausik Pahari	Dy. Technical Officer, Civil Engg.	Shri Ram Rishi Singh and Mrs. Malti Singh Memorial Staff Cash Award for Group B 'Technical' category
26.	Simona Sabia Shamim	Administrative Assistant, International Programme	Shri Ram Rishi Singh and Mrs. Malti Singh Memorial Staff Cash Award for Group 'C & D' category

Continuing Education Programme

Significant developments during April–June 2025 quarter include the launching of online PG Diploma Programmes, the strengthening of the AI curriculum, and the broad delivery of executive certificate programmes.

► Online PG Diploma Programmes

- **PG Diploma in Advanced Communication Engineering with Quantum and AI Integration:** Focuses on futuristic communication systems, quantum principles, and integration of AI in modern networks.
- **PG Diploma in Healthcare Product Development and Management:** Equips learners with tools and knowledge to navigate innovation, regulatory affairs, and product lifecycle in healthcare and med-tech sectors
- **PG Diploma in Electric Vehicle (EV) Technology:** Covers the complete ecosystem of electric mobility, including vehicle architecture, battery technologies, drive systems, and sustainability.

► Expansion of Certificate Programmes – Broadening Professional Learning

The certificate programmes are offered across various domains including but not limited to:

- Artificial Intelligence and Machine Learning
- Data Science and Analytics
- Leadership and Project Management
- Healthcare Innovation and many more

► Focus on Artificial Intelligence – Deepening Expertise and Reach

Artificial Intelligence (AI) remains a key pillar in CEP's academic strategy. In response to growing industry demand and the rapid pace of technological advancement, CEP has built a robust portfolio of AI-focused programmes.

AI Programmes Open for Registration (as of June 2025):

- Advance Programme in Technology and AI Leadership (Batch 2)
- Artificial Intelligence and Machine Learning for Industry (Batch 5)
- Certificate in Machine Learning and Deep Learning (Batch 6)
- Certificate in Data Science & Machine Learning (Batch 10)
- Certification in Quantum Computing & Machine Learning (Batch 6)
- Executive programme For AI in Health (Batch-1)
- Executive Programme in Generative AI And Next Gen Digital Engineering (Batch 1)
- Certificate Programme for Future Tech Leaders AI & Industry 5.0

► Programme Reach and Man-Hour Delivery

CEP's reach during the April–June 2025 quarter has been significant, with notable growth in both learner enrolment and instructional delivery volume.

April – June 2025 Quarter at a Glance

Key Metric	Value
Programmes Notified	18
Programmes Launched	11
Programmes Under Delivery	42
Total Enrolled Learners	3639
Learner Man-Hours Delivered	2,86,982+

Highlights

- Approximately 34% of new enrolments came from AI-related programmes.
- Participation included professionals from public sector undertakings, healthcare firms, IT companies, startups, and consulting organisations.
- A rising number of international learners joined, particularly from Southeast Asia and the Middle East.



#IITDelhi on Social Media

Quarterly Newsletter

(April - June 2025)

Published by:
Public Relations Unit
IIT Delhi

Phone : 011-2659-1729

Email: pro@iitd.ac.in



<https://home.iitd.ac.in/>