



INDIAN INSTITUTE OF TECHNOLOGY DELHI

Press Booklet
for
53rd CONVOCATION
November 05, 2022







THE 53rd CONVOCATION

IIT Delhi celebrates its 53rd Convocation on Saturday, November 5, 2022. The Convocation is an event of great importance in the Institute calendar. On this ceremonial occasion we award degrees to our graduating students, bestow medals to the exceptional ones, and recognize alumni who have distinguished themselves. This year Prof. Abhijit Banerjee, Nobel Laureate, Economic Sciences 2019, and Ford Foundation International Professor of Economics, Massachusetts Institute of Technology, will grace the occasion and deliver the Convocation address.

After a couple of challenging years owing to the pandemic, academic activity at the Institute is approaching normalcy. This is also reflected at this Convocation as graduating students could be accompanied by two guests.

This year the Ph.D. degree (including joint) would be awarded to over three hundred graduates, other post-graduate degrees (M.S.(R), M.Tech., M.Des., M.B.A., PG-DIIT, and Joint PG Diploma) and UG degree and diploma amount to close to nine hundred each. These numbers reflect our continuing expansion. A glimpse of this growth, as well as the quality of our academic and research imprint is captured in this booklet.

Welcome to the 53rd Convocation! Please join us when we celebrate the performance of our graduates and encourage them on their journey towards greater levels of excellence.

Prof. Narayanan D Kurur
(Chairperson, Convocation Committee)



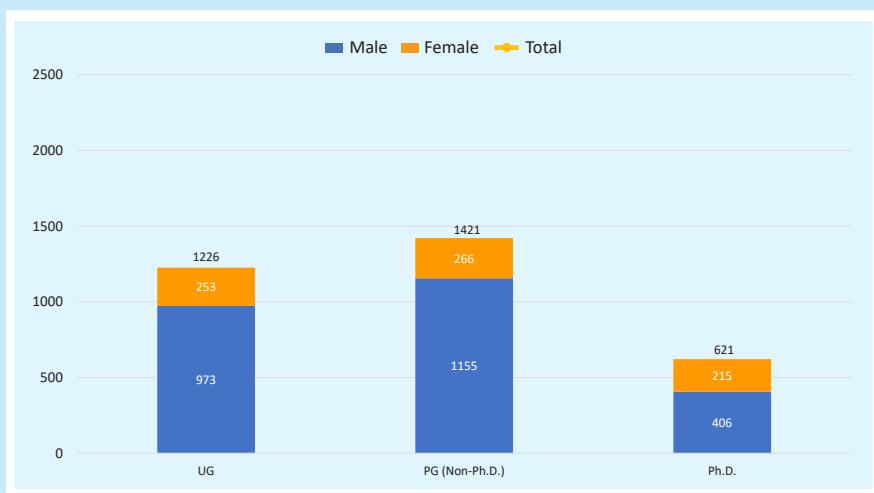
ACADEMIC STATISTICS

TOTAL GRADUATIONS TILL LAST CONVOCATION

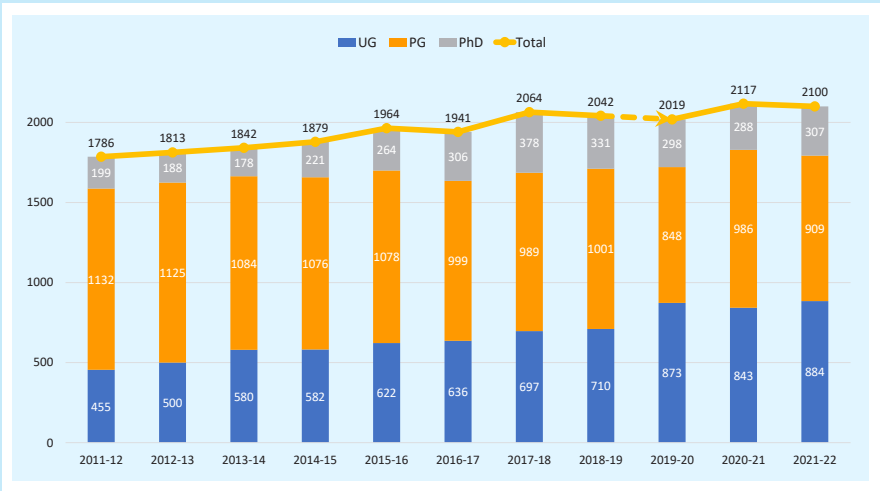
Ph.D.	PG*	UG	Total
6365	28109	21494	55968

*(Non-Ph.D.)

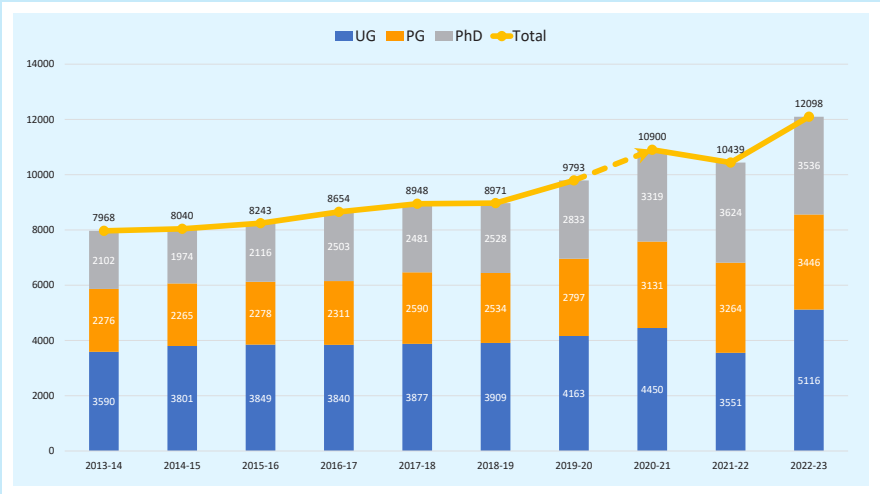
ADMISSIONS 2022-23



Degrees Awarded



Total Enrolled Students



MEDALISTS

Students receiving Institute Medals in the 53rd CONVOCATION

Gold Medalists

President's Gold Medal



Rishabh Ranjan
B.Tech. in Computer Science and
Engineering

Director's Gold Medal



Shitij Malik
B.Tech. in Production and
Industrial Engineering

Dr. Shankar Dayal Sharma (former President of India) Gold Medal



Ankesh Ashok Wasnik
M.Tech. in Radio Frequency Design
and Technology

Perfect Ten Gold Medals



Arnab Kumar Dey
M.Tech. in Polymer Science
and Technology



Jatin Garg
M.S.(R) in Mechanical
Engineering



Aditya Vikram Singh
M.S.(R) in Mechanical
Engineering



Vishal Agarwal
M.Tech. in Radio Frequency Design and Technology



Susan Jose
M.S.(R) in Biological Sciences

Silver Medalists



Priyanshi Rajput

B.Tech. and M.Tech. in Biochemical
Engg. & Biotechnology



Kamble Rajeshwari Chetan

B.Tech. and M.Tech.
in Chemical Engineering



Kabir Tomer

B.Tech. and M.Tech. in
Computer Science and Engg.



Tanishq Gupta

B.Tech. and M.Tech. in
Mathematics and Computing



Ishank Agrawal

B.Tech. in Biochemical
Engg. and Biotechnology



Shubham Kumar

B.Tech. in Civil Engg.



Simran Jakhar

B.Tech. in Chemical Engg.



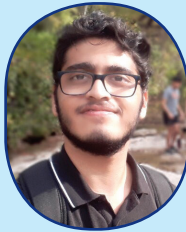
Varun Bhavin Desai

B.Tech. in Electrical Engg.



Isha Chaudhary

B.Tech. in Electrical Engg.
(Power and Automation)



Sadanand Modak

B.Tech. in Mechanical Engg.



Ayushi Garg

B.Tech. in Production and
Industrial Engineering



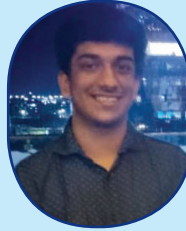
Uddharsh Kotahwala

B.Tech. in Mathematics and
Computing



Suyash Singh

B.Tech. in Engineering Physics



Shubham Sarda

B.Tech. in Textile Technology

KEY HIGHLIGHTS

1. IIT Delhi has started new programmes at the UG and PG level. These are:
 - i. Bachelor of Design (B.Des.)
 - ii. M.S.(R) in Machine Intelligence and Data Science (MINDS)
 - iii. M.S.(R) in Transportation Safety and Injury Prevention
 - iv. M.Tech. in Biomolecular and Bioprocess Engineering
 - v. M.Tech. in Machine Intelligence and Data Science (MINDS)
2. IIT Delhi is undertaking a massive curriculum review exercise which would fundamentally incorporate the recommendations of NEP2020. As part of this, the credit structure is being examined, and modifications needed to meet the unified credit network and Academic Bank of Credits (ABC) as proposed in NEP2020, is being discussed.
3. IIT Delhi hosted All IITs Mega Research & Development Fair 'InvenTiv'. The inaugural session was graced by Hon'ble Union Minister for Education and Skill Development and Entrepreneurship, Shri Dharmendra Pradhan. Shri Sunil Bharti Mittal, Founder and Chairman, Bharti Enterprises was guest of honor on the occasion.
4. Researchers Led by IIT Delhi Scientist Develop a VLP-based Vaccine Candidate Against COVID-19. Researchers at IIT Delhi working in collaboration with the Translational Health Science and Technology Institute (THSTI), Faridabad, Haryana have developed SARS-CoV-2 Virus-Like Particles (VLPs), which are a possible vaccine candidate.
5. IIT Delhi hosted 36th Inter-IIT Aquatics Meet: The Aquatics Meet was inaugurated by the Arjuna Awardee and ace swimmer, Mr Bhanu Sachdeva. Around 200 students from 14 IITs viz. Bhilai, Bombay, Dhanbad, Delhi, Gandhinagar, Guwahati, Hyderabad, Jammu, Kharagpur, Kanpur, Madras, Mandi, Roorkee, Varanasi participated in the aquatics meet.
6. Hon'ble President of India, Smt. Droupadi Murmu Graced IIT Delhi Diamond Jubilee Celebrations Closing Ceremony; inaugurated Institute's Research and Innovation Park.
7. Rural Technology Action Group (RuTAG) at IIT Delhi has transferred two technologies to four African countries, viz. Ghana, Namibia, Sudan, and Zambia in September 2022.
8. Department of Telecommunications R&D Centre C-DOT and IIT Delhi have Signed MoU for cooperation in various areas of telecom spanning IoT/M2M, AI/ML, Cyber Security, and 5G & Beyond technologies.





9. IIT Delhi has Launched Mobile Application 'IITD Aab Prahari (आब प्रहरी)' to Address Waterlogging Issue in Urban Areas During Monsoon.
10. Supreme Court Judge Hon'ble Dr. Justice D.Y. Chandrachud Delivered an Inaugural Talk for the Office of Diversity and Inclusion at IIT Delhi, which was set up in December 2021. 
11. Shri. Piyush Goyal, Union Minister of Textiles, Minister of Commerce and Industry, and Minister of Consumer Affairs, Food and Public Distribution inaugurated a Public Systems Lab (PSL) at IIT Delhi on August 17.
12. IIT Delhi's Technology Innovation Hub IHFC has been awarded 12 Projects Under DST-NSF Joint Research and Development Programme.
13. An experiential learning expo for over 3000 students of the Delhi Skill and Entrepreneurship University (DSEU) was organised during July 2022 at IIT Delhi as part of an academic collaboration between the two institutions. 
14. IIT Delhi organised an Academic Outreach Day for teachers and students of the Haryana government's technical universities and colleges on July 30 at its Sonipat campus.
15. IIT Delhi has secured an NIRF rank 2nd in Engineering, 4th overall ranking, 4th in Management, and 3rd in Research respectively.
16. In the QS World University Rankings 2023, IIT Delhi featured amongst the top-200 world institutions with an improved rank of 174 amongst 1422 globally ranked institutes improving by 11 places. The five academic programmes that are in the top 100 rank globally are Electrical & Electronic Engineering, Mechanical Engineering, Computer Science, Chemical Engineering and Civil Engineering.
17. IIT Delhi alumni Ms. Parul and Mr. Alok Mittal have joined the league of IIT Delhi Endowment Fund founders with their pledge Rs. 5 crore (over the next 5 years) to the Endowment Fund.
18. A Census Data Workstation has been set up at the Economics Lab in the Department of Humanities and Social Sciences on July 6th, 2022.
19. The Academic Outreach and New Initiatives office at IIT Delhi had launched a STEM Mentorship Programme for class 11th school girls in December 2021. The office 

also organised a Do-It-Yourself (DIY) summer boot camp named 'Change.Makers' for twenty-five high schoolers (classes 11 and 12).

20. The Administration of Union Territory of Ladakh and IIT Delhi, IIT Bombay, IIT Kanpur have collaborated with each other to offer internship programmes and sponsored M.Tech. programmes to students from Ladakh.
21. Samsung in collaboration with FITT-IIT Delhi has launched a new youth-centric national education and innovation competition named 'Solve for Tomorrow'.
22. ITC Limited, one of India's leading multi-business conglomerates and a sustainability exemplar, has signed an MoU with IIT Delhi to support research in identified STEM (Science, Technology, Engineering and Mathematics) areas.
23. The Office of Career Services (OCS), IIT Delhi organised a two-day annual career fest 'Pravritti 2022' in April with the theme "Reshaping Chances to Choices".
24. IIT Delhi has entered into an MoU with Delhi Jal Board (DJB), Govt. of NCT of Delhi, under which they will collaborate with each other to address water security related issues being faced by Delhi.
25. A world class indoor sports complex spread over 2000 square meters was inaugurated at IIT Delhi in April. The indoor sports facility named 'Mittal Sports Complex' has been built with a generous support of 1995 batch Institute alumnus Mr Saurabh Mittal (B.Tech., Electrical Engineering). A photograph showing the inauguration of the Mittal Sports Complex at IIT Delhi. A group of people, including a man in a white shirt and a woman in a yellow sari, are standing in front of a brick wall. A banner on the wall reads "IIT DELHI INSTITUTE OF TECHNOLOGY DELHI Mittal Sports Complex Inauguration Mr. Saurabh Mittal 1995 Batch Institute alumnus Dr. S. K. Mittal & Mrs. Renuka Mittal".
26. Neilom Prize for the year 2020-21 for contributing to the space of assistive technology to empower people with disabilities have been jointly awarded to recent graduates of IIT Delhi Dr. Richa Gupta and Mr. Girish Yadav.
27. Indian Air Force (IAF) and IIT Delhi have recently signed an MoU for various developmental projects to support the requirements of the IAF.
28. IIT Delhi alumnus Mr. Sanjay Pillay, who received a B.Tech. degree in Electrical Engineering in 1991, has endowed the "Pillay Chair Professor" in the Department of Electrical Engineering.
29. IIT Delhi startup SWATRIC has designed several advanced fabric structures for the monumental National Flags, Tiranga. At the lab scale, the researchers have successfully improved the strength of the fabric by 100%.



ALUMNI RELATIONS

IIT has got an alumni base of 55,000+ successful entrepreneurs, scientists, academicians and others who contribute in multiple ways for the betterment of the Institute. Alumni have come forward in a big way to support their alma mater intellectually, physically and financially. Alumni Relations office and IIT Delhi endowment fund have made various efforts to raise funds and have been able to raise approximately 79 crores during last one year. The donations from alumni came as 3 endowed faculty chairs, funds for promoting research & innovation, 12 scholarships/fellowships and numerous student awards.

Some of the major contributions from alumni and philanthropes received during last one year is summarized below:

- The Mittal Sports Complex was opened earlier this year which is built with the help of Alumnus Mr. Saurabh Mittal (Batch 1995 Electrical Engineering). This sports complex with a built-in area of 3,918 metres houses four badminton courts, two squash courts, a table tennis area and a gymnasium.
- Dr. Amit Sinha, Mr. Mohit Mittal and Mr. Vivek Vaidya have pledged financial contributions to join as founders of IIT Delhi endowment fund.
- Parul and Alok have joined the league of founders at the IIT Delhi Endowment Fund through their major financial contributions.
- To enhance and improve English language skills among students alumnus, Mr. Navin Chaddha has contributed for an initiative in which 250 students will be provided comprehensive English language programme.
- The Shraman Foundation founded by Dr. Vinay Jain has offered scholarships to 64 bright and indigent students. Dr. Jain, is a medical oncologist based in USA and has supported thousands of students in India and USA to pursue their educational aspirations.

DISTINGUISHED ALUMNI AWARDS

Distinguished Alumni Awards



Prof. Rama Govindarajan

(B.Tech. in Chemical Engineering, 1984)

Senior Professor and Dean, Academic, International Centre for Theoretical Sciences of the Tata Institute of Fundamental Research, Bengaluru



Rear Admiral GK Harish

(PG DIIT in Naval Construction, 1989)

Former Director General, Naval Design



Prof. Satyandra K. Gupta

(M.Tech. in Production Engineering, 1989)

Director, Center for Advanced Manufacturing at the University of Southern California



Dr. Anirudh Devgan

(B.Tech. in Electrical Engineering, 1990)

President and CEO of Cadence Design Systems, Inc.



Mr. Jaswinder Chadha

(B.Tech. in Mechanical Engineering, 1990)

Founder, President & EO of Atria



Dr. Pushkar Tandon

(B.Tech. in Chemical Engineering, 1990)

Executive Corporate Fellow within Corning Research and Development Corporation, Corning, NY

Prof. Avinash Kumar Agarwal

(M.Tech. in Energy, 1996 and Ph.D. in Energy, 1999)

SBI Endowed Chair Professor of Mechanical Engineering,
IIT Kanpur



Mr. Arvind Jain

(B.Tech. in Computer Science and Engineering, 1996)

Co-Founder and CEO of Glean



Dr. Amit Sinha

(B.Tech. in Electrical Engineering, 1998)

CEO, DigiCert, Inc.



Graduates of Last Decade (GOLD) Awards

Mr. Abhishek Bansal

(B.Tech. in Production and Industrial Engineering, 2012)

Co-Founder, Shadowfax



Prof. Ankur Gupta

(B.Tech. in Chemical Engineering, 2012)

Assistant Professor in the Department of Chemical and
Biological Engineering at the University of Colorado, Boulder



Dr. Dakshita Khurana

(B.Tech. in Electrical Engineering (Power), 2012)

Assistant Professor, UIUC



Distinguished Alumni Service Award

Dr. Sashi P Reddi

(B.Tech. in Computer Science and Engineering, 1987)

Founder and Managing Partner of SRI Capital and
Chairperson of freedom





FACULTY ACHIEVEMENTS

IIT Delhi is backed up by a strong research community, led by a faculty strength of 612 members. It is complimented by an additional research and academic staff of 130 members that includes 78 postdoctoral fellows. With the current sanctioned strength of 776 members, the Institute aggressively looks to expand this strength in a phased manner for the next five years. In the last year, the Institute has made offers to 67 new faculty members and 46 of them have already joined the Institute. Many faculty members have also been appointed as Chair Faculty sponsored by alumni, industry and Institute. Some of the notable recognitions (partial list) received by our faculty in the last one year include the following:

- Three faculty members have been elected as 'Fellows of the Indian National Academy of Engineering (INAE)' - Prof. Naresh Bhatnagar, Department of Mechanical Engineering, Prof. Tapan Kumar Gandhi, Department of Electrical Engineering and Prof. Amit Kumar, Department of Computer Science and Engineering.
- Fellow of the Operations Research Society of India - Prof. Suresh Chandra, Department of Electrical Engineering.
- Fellow of the class of SLA (FSLA), 2022 - Dr. Nabi Hasan, Librarian & Head, Central Library.
- Fellow of the Asia-Pacific Artificial Intelligence Association (AAIA) - Prof. Ranjan K. Mallik, Department of Electrical Engineering.
- Prof. Meghnad Saha Memorial Lecture Award (2021) by INAE - Prof. V. Ramgopal Rao, Department of Electrical Engineering.
- Indian National Academy of Engineering (INAE) Young Engineer Award (2021) - Prof. Sri Harsha Kota, Department of Civil Engineering.
- Indian National Academy of Engineering (INAE) Young Engineer Award (2022) - Prof. Souvik Chakraborty, Department of Applied Mechanics and Prof. Abhijnan Chakraborty, Department of Computer Science and Engineering.
- Abdul Kalam Technology Innovation National Fellowship by INAE (2022) - Prof. Kedar Khare, Optics and Photonics Centre and Prof. Amit Mehndiratta, Centre for Biomedical Engineering.
- Distinguished Materials Scientist of the Year Award for 2021 by the Materials Research Society of India (MRSI) - Prof. Ashok K Ganguli, Department of Chemistry.

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- NASI-Young Scientist Platinum Jubilee Award for the Year 2021 - Prof. N. M. Anoop Krishnan, Department of Civil Engineering.
 - Chemical Research Society of India (CRSI) Bronze Medal 2022 - Prof. Nidhi Jain, Department of Chemistry.
 - Qualcomm Faculty Award, 2022 - Prof. Sorav Bansal, Department of Computer Science and Engineering.
 - IEI-IEEE Award for Engineering Excellence 2021 - Prof. Ranjan K. Mallik, Department of Electrical Engineering.
 - W. A. Weyl International Glass Science Award 2022 - Prof. N. M. Anoop Krishnan, Department of Civil Engineering.
 - MRSI Medal for 2022 by the Materials Research Society of India - Prof. Suddhasatwa Basu, Department of Chemical Engineering.
 - Members of The National Academy of Sciences, India (NASI) - Prof. Abhisek Dixit, Department of Electrical Engineering and Prof. Mohammad Ali Haider, Department of Chemical Engineering.

INFRASTRUCTURE DEVELOPMENT

Institute's Infrastructure growth is at the fastest pace in the recent time due to exponentially growing needs of infrastructure along with the need to renovate the existing Infrastructure. The new projects and upgradation of Infrastructure projects are funded from various sources.

HEFA funded Projects

The following activities are carried out in campus under HEFA.

- Construction of 99B & 99C buildings (Engineering blocks), having area of 67778 sqm. for an amount of Rs. 238.21 Crore. The structural work of projects has been completed. The building finishing and external development work is in progress.
- Procurement of equipment for CRF building Sonipat for Rs. 65.00 Crore.

IoE funded Project

- Construction of SATHI Building at Sonipat, with cost of Rs. 59.73 Crore. The work is expected to be completed by 31 March 2023.



Major projects completed

- Construction of Research and Innovation Park (R&I park), having area about 30,000 sqm. with two tier basement was inaugurated by Hon'ble President of India on 03 September 2022.
- Construction of sports complex building, having area of 3510 sq.m. This project is partly funded by IIT Delhi Alumni – Mr. Saurabh Mittal and partly through HEFA. This building has been inaugurated.
- Construction of boys hostel (Dronagiri and Saptagiri), having student capacity of 888 Nos. rooms has been completed (This project was funded by HEFA).
- Construction of girls hostel (Sahyadri), having student capacity of 320 Nos. rooms has been completed (This project was funded by HEFA for an amount of Rs. 39.25 Crore).
- Construction of sports complex building, having area of 3510 sqm. This project is partly funded by IIT Delhi Alumni – Mr. Saurabh Mittal and partly through HEFA. This project has been inaugurated and handed over to sport officials.
- Construction of PEB/Light gauge structure over existing building with cost of Rs. 37.21 Crore. The work at all the sites has been completed and hand over by M/s. NBCC recently (This project was funded by IoE).

Major projects being initiated

The following projects are undertaken and very soon the work will start by M/s. RITES. These will be partly funded through IoE grants:

- Construction of Boys' hostel with tentative cost of Rs. 202.56 Crore.
- Construction of Academic block - 103 with tentative cost of Rs. 231.05 Crore.
- Construction of C- Type houses with tentative cost of Rs. 22.05 Crore.
- Construction of faculty houses with tentative cost of Rs. 99.18 Crore.
- Construction of girls hostels in east campus with tentative cost of Rs.127.97 Crore.

Development of Jhajjar campus

- The work of construction of compound wall assigned to M/s. NBCC. This work is funded by HEFA with the cost of Rs. 3.12 Crore. The work of soil testing and topographically survey is in progress.

Infrastructure Upgradation activities

The following important renovations took place:



- Seminar Hall in Academic Area
- Senate Hall in Academic Area
- Accounts Section
- Faculty Lounge on 7th Floor of Multi-Storied Building
- Renovation, Modification & Special Structural Repair of Two 'A' type and Three 'B' type housing blocks
- In general, renovation work in various labs, rooms and offices (more than 100 Nos.) has been executed in academic area.

INTERNATIONAL RELATIONS

Delegation visits

Numerous online/physical meetings were held with partner universities and institutions from around the world whose details are mentioned below:

- A 5 member delegation from Embassy of Mexico on 31st March 2022.
- A 3 member delegation from Moscow Polytechnic University, Moscow on 5th April 2022.
- A 3 member delegation from Embassy of France on 09th May 2022.
- A 3 member delegation from Quad Fellowship organization, New York, USA on 17th May 2022.
- A 6 member delegation from University of Exeter, UK on 20th May 2022.
- A 3 member delegation from USAID, US Embassy on 2nd June 2022.
- A 2 member delegation from Vrije University Amsterdam, Netherlands on 09 June 2022.
- A 7 member delegation from Vrije Universiteit Amsterdam, Netherlands, on 09th June 2022.
- A 6 member delegation from French Embassy on 29th June 2022.
- A group of 18 member's from University of Melbourne on 5th September 2022.
- A 6 member delegation from the Department of Education and Knowledge (ADEK), UAE on 7th September to 9th September 2022.
- A group of 20 members delegation from Vietnam embassy on 12th September 2022.

- Meeting with Iranian Ambassador on 17th August 2022.
- A 4 member delegation from University of Alberta on 26th August 2022.
- A group of 40 student's under the Know India Programme (KIP) from various countries on 29th August 2022.
- A 5 member delegation from Deutsche Forschungsgemeinschaft (DFG), German Research Foundation on 16th September 2022.
- A group of around 40 students from various countries under the Know India Programme (KIP) visited the Institute on 10th October 2022.

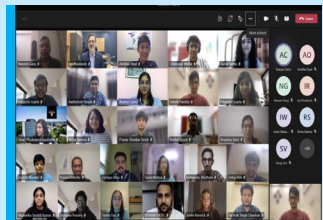
Memorandum of Understanding (MoU) signed with

Many of these meetings led to the signing of memorandum of Understanding and Agreements with the Universities and partner organizations.

- University of Groningen, Netherlands on 07th January 2022.
- Delft University of Technology, Netherlands on 24th January 2022.
- Alliance of 4 Universities (A4U) on 03rd February 2022.
- University of Waterloo (Academics) Canada on 09th March 2022.
- Swinburne University of Technology, Australia on 07th April 2022.
- University of Exeter, UK on 06th June 2022.
- Edith Cowan University, Australia (Renewal) on 13st July 2022.
- Indo French Network, France on 05th January 2022.
- Bangladesh Hi-Tech Park Authority (BHPTA), Bangladesh on 01st September 2022.
- Drexel University College of Engineering Philadelphia, USA (Renewal) on 13th September 2022.
- The Politecnico di Milano, Italy on 22nd September 2022.

Events

- **Student-led virtual engagement between University of Waterloo – IIT Delhi:** The University of Waterloo and the Indian Institute of Technology Delhi collaborated on a student-led workshop about issues related to sustainable development in their respective countries.



- **Joint Programme between IIT Delhi and University of Brunei Darussalam on 1st November 2021:** An effort to strengthen their

cooperation and develop rapport so that students from both universities come together, discuss ideas that are relevant to both universities, and foster friendship along those lines from people of various cultures.



- **Fireside Chat with Brian Armstrong, CEO/Co-Founder Coinbase:** An exclusive Fireside Chat was organized on April 4th, 2022 with the CEO/Co-Founder of Coinbase, Brian Armstrong at IIT Delhi. The dialogue mainly focused on the future of cryptocurrency, in India and other countries, it's comparison with commodities like gold and the technology behind cryptocurrency.
- **The World is One Family- Interactive Talk by USAID Administrator Ms. Samantha Power at IIT Delhi:** IIT Delhi co-hosted an Interactive talk session with the USAID Administrator, Ms. Samantha Power was on 27th July 2022. During this session, Ms. Power spoke about the history, strength and future of India-US development partnership.
- **International Campus - summary and status:** The Ministry of Education, GoI, has requested IIT Delhi to explore the possibility of setting up an IIT in the UAE. IIT Delhi has been in discussions with the Department of Education and Knowledge, Abu Dhabi (ADEK) on various aspects of the proposed IIT Abu Dhabi. A working group comprising faculty members at IITD and experts at ADEK has been constituted and this group has had over 4 meetings in the past 6 months. A team from ADEK visited IITD in September 2022 and familiarised themselves with various aspects of the functioning of an IIT. A team from IITD also travelled to Abu Dhabi in October 2022 and visited various universities and research institutions in the Emirate to get a sense of the research and education landscape in the region. The working group is engaged in developing a detailed project report and expects to finalise it in a few months.



RESEARCH AND DEVELOPMENT

1. 286 sponsored projects with total funding of Rs. 351.90 Crores were undertaken through IRD Unit and Foundation for Innovation and Technology Transfer (FITT) in the financial year 2021-22.
2. 346 consultancy Jobs with total funding of Rs.34.33 Crores were undertaken through IRD Unit and Foundation for Innovation and Technology Transfer (FITT) in the financial year 2021-22.
3. New Faculty Grants were awarded to forty-six (46) new faculty members.
4. 108 FIRP and 183 MFIRP projects have been supported since their inception.
5. Seventeen (17) Student Start-up Action and twenty-five Discover & Learn projects have been supported since their inception.
6. Seventeen (17) students have enrolled for a Joint Doctoral Programme (JDP) with the National Yang Ming Chiao Tung University (NYCU) previously (NCTU), Taiwan, to date.
7. During the period a total of 111 Patents have been filed, 14 Startups have been supported and 07 Technology Transfers have been facilitated.
8. GMR CoE for New Energy Technologies: GMR Power and Urban Infra Ltd., Mumbai, and IIT Delhi signed an MoU on February 17, 2022, for establishing the GMR Centre for Excellence on New Energy Technologies at IIT Delhi. The CoE will undertake research & academic activities in the areas of new energy technologies.

Major Sponsored Projects (with sanctioned funds Rs.10 Crores & above) started during 2021-22

Project Title	Sponsoring Agency	Sanctioned Funds (in Crores)
ICMR-IIT Delhi National Center for Medical Device Manufacturing and Testing Facility	Indian Council of Medical Research India	50.00
Unnat Bharat Abhiyan (UBA) (2nd Phase)	MHRD, India	48.53
High performance composite fibres	Ministry of Textiles (GOI), India	27.52
SAMRIDH Corpus Funds	Rockefeller Foundation, USA	27.02
A Technology platform for Design and Manufacturing of Advanced and Multi-functional 3D woven Textile structural composites using High performance and Natural fibres	Ministry of Textiles India	20.09



CONSULTANCY JOBS UNDERTAKEN

Financial Year	Consultancy Jobs (IRD)		Technology Development Projects/ Contract Research Projects (FITT)		Total Sanctioned Value (in Cr.)
	No. of Projects Sanctioned	Sanctioned Value (in Cr.)	No. of Projects Sanctioned	Sanctioned Value (in Cr.)	
2017-18	282	22.18	51	12.08	34.26
2018-19	292	26.86	57	18.87	45.73
2019-20	278	19.02	31	02.44	21.46
2020-21	278	24.89	51	09.22	34.11
2021-22	275	22.97	71	11.36	34.33

SPONSORED RESEARCH PROJECTS UNDERTAKEN

Financial Year	No. of Sanctioned Projects	Sanctioned Value (in Crores)
2017-18	282	417.19
2018-19	317	347.52
2019-20	316	344.10
2020-21	253	206.18*
2021-22	286	351.90

* (IRD) 162.86 Cr. + (FIIT) 21.07 Cr. + (TIH) 22.25 Cr. = 206.18 Crores

STUDENT AFFAIRS

The different offices, boards, clubs and various units under Students Affairs remained active throughout the year in spite of challenges presented by COVID-19. Through Student Affairs Council (SAC), we have resorted to Gender-neutral drafting for the constitutions of each club/board. The constitutions have been updated accordingly. One key change was replacement of the term "Housemaster" with "Head of the House" for all hostels.

Overcoming severe pandemic-related challenges, and in spite of whole batches of students missing the in-campus experience over the last couple of years, students organized four major student festivals in a span of two weeks in the month of April 2022. These were Tryst (annual technical and management festival), Kaizen (annual social festival of NSS IIT Delhi), Sportech (annual sports festival) and Rendezvous (annual cultural festival). Post-pandemic footfall of more than 50,000 students representing various

academic institutions in the country was a highlight that set the tone for initiation of such activities in academic institutes across the country.

During the past year, the Board of Student Welfare (including the Student Counselling Unit) played a very active role in helping the student community in dealing with pandemic-related stresses.

Board of Sports Activities (BSA) coordinated organising of the 36th Inter IIT Aquatic Meet at IIT Delhi from 5-9th October 2022. This was the first time the whole aquatic meet was hosted completely within the IIT Delhi premises.

A special mention is also deserved by Mr. Kalash Gupta, a student of CSE, who won the Code Vita 10, a flagship global coding contest organized by TCS, with a grand prize of \$10,000; this also attracted wide media coverage.

Our students team of AXLR8R Formula Racing participated in Formula SAE Italy 2022. They performed well and secured 13th position among 26 qualified teams. The team came first in one of the categories "Classified Cost Event".







INDIAN INSTITUTE OF TECHNOLOGY DELHI

Vision

- To contribute to India and the World through excellence in scientific and technical education and research; to serve as a valuable resource for industry and society; and remain a source of pride for all Indians.

Mission

- To generate new knowledge by engaging in cutting-edge research and to promote academic growth by offering state-of-the-art undergraduate, postgraduate and doctoral programmes.
- To identify, based on an informed perception of Indian, regional and global needs, areas of specialization upon which the Institute can concentrate.
- To undertake collaborative projects which offer opportunities for long-term interaction with academia and industry.
- To develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

Values

- Academic integrity and accountability.
- Respect and tolerance for the views of every individual.
- Attention to issues of national relevance as well as of global concern.
- Breadth of understanding, including knowledge of the human sciences.
- Appreciation of intellectual excellence and creativity.
- An unfettered spirit of exploration, rationality and enterprise.