Launch Program for STEM High School Girls Mentorship Programme at IIT Delhi
Streamed live on Dec 30, 2021
https://youtu.be/YjOEs1N5e0A

IIT Delhi launches STEM Mentorship Programme for schoolgirls

IIT Delhi has launched a STEM Mentorship Programme for girls of Class 11. Check the details here.
IIT Delhi, India’s premier higher education institute in the engineering and technology domain, has launched a STEM (Science, Technology, Engineering, Mathematics) Mentorship Programme for schoolgirls. with an aim to encourage girls towards choosing science as their career,

The primary objectives of the programme, designed for Class 11 girl students, are to train young students to think creatively about science and innovation, to provide them novel hand-on experience in solving research problems, and to help them form a stronger knowledge foundation.

Speaking about the STEM Mentorship Program for the schoolgirls, Prof V Ramgopal Rao, Director, IIT Delhi said, “STEM needs to have more women participation. Through the mentorship programme initiated by IIT Delhi, schoolgirls will get exposure to some of the world-class laboratories and research work going on here.”

“I am hopeful that this mentorship at IIT Delhi will prove to be a turning point in their lives and they would be motivated to enter the world of science and technology and help society with their research work,” he added.

“The programme will give girl students some required traction for getting into the fields of science and technology in the future,” said Prof Pritha Chandra, Associate Dean, Academic Outreach and New Initiatives, IIT Delhi.

“We believe that students should be exposed to scientific concepts at an early age, to be able to appreciate the rigour of academic research, and to build up the confidence to take up academics as a career choice when they grow up,” she added.

What is the purpose of the mentorship programme for girls?

Under this initiative, each schoolgirl will be mentored by an IIT Delhi faculty along with his/ her research scholars.
During the mentorship period, they will be exposed to foundational concepts in STEM disciplines, and also learn the experimental methods and techniques used in science labs.

**Structure of the IIT Delhi STEM Mentorship Programme**

There will be ten Class 11 girl students of science stream in one batch, and this is going to be a three-level programme:

i) A two-week winter project, starting from the end of Dec 2021 and ending in early Jan 2022,

ii) An online lecture series, consisting of modules in Chemistry, Physics, Biology, Mathematics and some Engineering branches. These lectures will be delivered by IIT Delhi professors during the period between February and April 2022. During this period, the students will also be interacting constantly with their mentors on their specific projects.

iii) Summer project (3-4 weeks in May-June 2022), where the students will get hands on experience in labs, and finalize their project reports with their mentors.

The project areas of the students will cover different disciplines of science and engineering such as computer science, chemistry, mechanical engineering, physics, and biological sciences.

In the first batch, the ten students are from different Kendriya Vidyalayas in the Delhi region. In the future, there are plans to have participation from students from other regions in the country and turn the programme into a residential one.

**IIT Delhi’s second outreach programme**

The STEM Mentorship Programme for schoolgirls is the second academic outreach initiative by IIT Delhi for school students.

In September 2021, the institute had launched SciTech Spins lecture series for students of Classes 9 to 12.

Under this initiative, IIT Delhi professors engaged in cutting edge research in science, technology and allied fields deliver online lectures and conduct laboratory demonstrations every month.

The 4th SciTech Spin lecture was held on December 18, 2021.

**How to apply for the IIT Delhi STEM mentorship programme**

Schools may reach out to the Associate Dean, Academic Outreach and New Initiatives, IIT Delhi (e-mail- adoni@iitd.ac.in; acadoutreach@iitd.ac.in) to nominate their girl students for the mentorship programme.

**ARIIIA Rankings 2021: IIT Madras Tops Atal’s Innovation Ranking, IIT Delhi Stands Third In List**

Overall after IIT Delhi, the fourth position was given to IIT Kanpur followed by IIT Roorkee, IIT Bengaluru and IIT Hyderabad.

IIT Madras topped the list followed by IIT Bombay and IIT Delhi in the Atal Ranking of Institutions on Innovation Achievements (ARIIA) for promoting and supporting entrepreneurship through innovative means.

In total, seven IITs and IIS Bengaluru secured their place in the top 10 institutions across the country.

According to a report on PTI, ARIIA is an initiative undertaken by the Ministry of Education to rank major higher educational institutions on the basis of entrepreneurship and innovation.

After IIT Delhi, the fourth position was given to IIT Kanpur followed by IIT Roorkee, IIT Bengaluru, IIT Hyderabad, IIT Kharagpur, National Institute of Technology, Calicut and Motilal Nehru National Institute of Technology, Uttar Pradesh.

ARIIA also provides ratings by considering the parameters including the number of patents filed and granted, the startup of the students and faculty registered and the fund generated from the incubated start-ups.

The participation for the ranking also doubled this year, said the MoE officials. Nearly, 1438 institutions including central and state universities, private universities, technical and non-technical private and government colleges took part in the ranking.

Talking about the achievement, Bhaskar Ramamurthi, Director of IIT Madras said, the institution is receiving the Most Innovative Institute ranking for the third consecutive time ever since Atal Rankings was initiated by the central government. The IIT Madras always emphasizes innovation among students and faculty and as a result, the institution has turned successful in the start-up eco-system of the country, he added.

**IIT Delhi to Develop Defence Technology in Collaborates with Indian Air Force**


IIT Delhi and IAF’s joint partnership aims to accelerate IAF’s indigenisation efforts for achieving self-reliance, says the institute
IIT Delhi will provide cooperation and consultancy, duly supported by research, for feasibility studies and prototype development.

The Indian Institute of Technology (IIT) Delhi has collaborated with Indian Air Force (IAF) for various developmental projects to support the requirements of the IAF. The joint partnership aims to accelerate IAF’s indigenisation efforts for achieving self-reliance, says the institute.

The IAF has identified key focus areas involving technology development and finding indigenous solutions towards the sustenance of various weapon systems. IIT Delhi will provide cooperation and consultancy, duly supported by research, for feasibility studies and prototype development.

A Memorandum of Understanding (MoU) was signed by Air Vice-Marshal Samir V Borade VSM, Deputy Senior Maintenance Staff Officer (Dy SMSO), Headquarters Maintenance Command, IAF, and Prof M R Ravi, Head, Department of Mechanical Engineering, IIT Delhi in this regard.

“Under the ambit of the MoU, IIT Delhi will significantly boost the efforts by Base Repair Depots (BRDs) of Maintenance Command IAF, towards enhancing sustenance capability, obsolescence management, indigenisation, and achieving self-reliance,” says the institute.

IIT Delhi had also established a Joint Advanced Technology Center in the year 2017 with funding from the DRDO. Over 80 faculty members and close to 150 staff and PhD students are currently working on various defence-related projects in the Institute. This MoU with the Indian Air Force is expected to give a further fillip to these ongoing projects.

IIT Delhi had earlier signed an MoU with IntelliSmart to create advanced digitalisation in the power distribution systems. The partnership aims to collaborate on creating next-generation smart-grid functions, and advanced research to drive the development of real-time smart grid solutions. This will help improve revenue management, increase billing efficiency and control, consumer satisfaction, the institute had said.
**IIT-Delhi to start STEM mentorship programme for Class XI girl students**


Indian Institute of Technology (IIT) Delhi is set to launch a STEM (Science, Technology, Engineering and Mathematics) mentorship programme for girls studying in Class XI. The programme, which will include writing papers and internships as well, is likely to be launched on December 30.

As a part of the pilot project at the institute level, 10 students from various Kendriya Vidyalayas in the city have been shortlisted. The students will get a chance to interact closely with faculty members of the institute and even have dedicated mentors assigned to each.

Senior IIT Delhi officials said that over time, the programme was likely to be extended to a wider range of students across different schools.

Speaking to TOI, Pritha Chandra, associate dean of academic outreach and new initiatives, said, “This programme is meant for high school girls only with an aim of having an extended interaction between these students and the faculty members. The schools have nominated each of the 10 students who have already decided their stream of study. They were given a bunch of topics that are offered here and accordingly faculty members were allotted as their mentors.”

Those part of the programme will begin with a winter internship, which will last for about a week or two before the schools reopen. According to officials, between the months of January and April, the students will get to interact with the faculty members while pursuing their regular school curriculum.

“During the winter internship, they will be introduced to the basic areas of work that they will work on. Once their school reopens, they will continue their interaction with the faculty and even have access to teaching modules on various subjects. This will be a continuous interaction,” Chandra said.

In view of the pandemic situation, the programme will be conducted in the online mode for now. If the situation improves, then the students will also get a chance to have a hands on experience in May or June. “On completion of the programme, they will receive certificates,” Chandra said.

**IIT Delhi alumnus endows ‘Pillay Chair Professor’ in electrical engineering department**


*The chair will enhance IIT Delhi’s strength to promote excellence and development in machine learning in the Electrical Engineering Department.*
Indian Institute of Technology (IIT) Delhi alumnus Sanjay Pillay has endowed the “Pillay Chair Professor” in the Department of Electrical Engineering. This chair will enhance the Institute’s strength to promote excellence and leadership in teaching, research, and development in machine learning, VLSI design and Sensors in the Electrical Engineering Department, IIT Delhi said.

Sanjay Pillay received a BTech degree from IIT Delhi in Electrical Engineering in 1991. Sharing his experiences as a student at IIT Delhi, he said, “IIT Delhi has played an integral role in shaping the person I am today, and I will be forever grateful for the guidance, education, and experience I received here. It is an honor to support IIT Delhi, and my privilege to be associated with the establishment of the chair.”

Pillay said he wanted to establish the chair for the Electrical Engineering department as his father and brother Ajay Pillai are also alumni from the department while his sister is an alumna from the Civil Engineering department. He further said that he wanted to dedicate this chair to his family.

As per IIT Delhi’s official notification, “Sanjay is an experienced entrepreneur, innovator, technology leader and specializes in functional safety and EDA tool development. It also includes audio, video, data compression, design analysis and fault coverage algorithms.

Speaking of the chair endowed by Sanjay Pillay, Jayadeva, Head, Electrical Engineering Department said, “The Institute welcomes and thanks Pillay for his initiative in Electrical Engineering department - the QS#1 ranked department in India in Electronics and Electrical Engineering.”

V Ramgopal Rao, Director, IIT Delhi said, “I am happy to note that Sanjay Pillay and his family are endowing this Chair in the Department of Electrical Engineering. IIT Delhi is proud of its alumni who serve as role models for many in the younger generation. So many of our alumni getting connected with the Institute and giving back to their alma mater is a testimony to the high regard they have for their Institute and an acknowledgement of the role IIT Delhi has played in their careers. We wish them further success”.

IIT-D identifies new drug delivery platform technology


Novel technology that engineers Red Blood Cells to load chemotherapeutic drugs for advanced and effective chemotherapy
A technology has been developed for chemotherapy applications using Red Blood Cell (RBC) membrane by a research group at the Indian Institute of Technology Delhi (IIT-D) Centre for Biomedical Engineering (CBME).

The technology is a significant success in achieving personalized therapy as it can be based on the RBC membrane of patient, thereby minimizing the side-effects.

The technology involves engineering the RBCs in the lab to produce smaller (nano sized) biocompatible vesicles. Drug molecules can simply be trapped inside the particle’s lipid bilayer and circulate for a longer time. This work was validated in an animal system by Prof Neetu Singh’s lab in collaboration with Prof Sujata Mohanty from the All India Institute of Medical Sciences (AIIMS), New Delhi.

“The concept here utilizes body’s own cells to load multiple drugs at the same time and reach tumor sites in significant concentrations. Interestingly, this nano-RBCs platform has synthetic tunability similar to other polymeric systems or the commonly used liposomes but have proved to be more efficacious”, Prof Neetu Singh, CBME, IIT Delhi said.

**IIT-Delhi students get job offers up to Rs 2 crore**


The students of the Indian Institute of Technology (IIT) Delhi have received international job offers worth up to Rs 2 crore per annum (pa). Besides, the domestic companies have come up with job offers up to Rs 1.25 crore pa.

There has been a 45 per cent increase in campus placements in IIT-Delhi in the current year as compared to the previous year. The IT sector tops the campus placements and students from core areas of engineering are another major employers’ choice.

A record number of over 1,250 jobs have been offered to IIT-Delhi students in the first two weeks of campus placements this year. The students have received job offers from several reputed multinational companies of which Microsoft has provided 60 job offers.

Among the firms that hired the students are Microsoft, HCL Tech, Jaguar Land Rover, EXL Analytics and Graviton Research Capital LLP India.
With this record number of jobs offered to students, IIT-Delhi has leapt past some big names like the University of Chicago, University of California, Berkeley and Nanyang Technological University, Singapore.

An official of IIT-Delhi said the institute has never received job offers in such a large number before, adding that it is 45 per cent more than the previous year.

According to IIT-Delhi, the PPOs (pre-placement offers) received this year are the highest in the last five years. About 180 PPOs have been received so far.

Around 350 national and international companies have so far registered themselves to hire the students.

Meanwhile, many students have opted for the deferred placement facility of the institute. The facility is available for those students who want to set up startups after graduation.

Students opting for the deferred placement option can avail one time placement services within two years  — till 2023-24.

Speaking about the placement season, Anishya Obhrai Madan, Head, Career Services, at IIT Delhi, said: “We would like to thank all the participating employers for reposing their faith in our students. We are confident that given the innovative approach to recruitment, companies will be able to make sound hiring decisions. We expect this positive recruitment trend to continue for the rest of the season.

**Delhi: Seed grants for five joint research projects between IIT-D, IIIT**


*IIT-Delhi and IIIT had signed an MoU earlier this year to “establish a collaborative platform” for interdisciplinary research.*

IIT-D Director Ramgopal Rao said the partnership “will engender an environment of exchange of information and technical know-how”.

Five joint research projects between the Indian Institute of Technology-Delhi (IIT-D) and Indraprastha Institute of Information Technology (IIIT) will be provided seed grants for
interdisciplinary research in the fields of computer science and engineering, artificial intelligence (AI) and machine learning (ML), electronics and communication engineering, computational biology, social science, humanities and quantum computing.

The two institutes had signed an MoU earlier this year to “establish a collaborative platform for mutual benefit”. The MoU intended to “initiate wide-ranging partnerships in academics, research, product & process development, and human resource development with profound socio-economic impact”.

They invited joint research projects from faculty members of both institutions. “An external expert committee evaluated the projects and selected five projects for a seed grant. The projects include: Studies on human brain structure and anxiety, Femtech and its future in India, Development of nanodevices, Mathematics theories propounded by Ramanujam, and Model agnostic evaluation of deep-model transfer,” the IIT-D said in a statement.

“Tenable for two years, the projects aim to attract full-fledged sponsorship from external agencies based on their outcomes. These projects will function through the Multi-Institutional Faculty Interdisciplinary Research Projects (MFIRP) scheme of the Industrial Research & Development (IRD) Unit of IIT-Delhi,” it said.

IIT-D Director Ramgopal Rao said the partnership “will engender an environment of exchange of information and technical know-how”.

“IIT Delhi, through its MFIRP initiative launched in 2017, connected with many leading institutions in Delhi and enabled funded collaborations between our researchers. The results are quite outstanding. Such collaborations have led to an increased research output, technologies, prototypes and products for societal benefit. At IIT-Delhi, we lay great emphasis on interdisciplinary research as future advancements in science and technology are expected to happen at the intersection of different disciplines,” Rao said.

IIIT Director Ranjan Bose said the teamwork will boost research efforts. “Research is increasingly becoming more collaborative and trans-disciplinary. This unique collaborative initiative by IIT-Delhi and IIIT-Delhi has already brought together faculty members from both the institutes, inspired them to define problems of mutual interest, exchange expertise, and also build personal relations. We hope that this cooperation will help improve the posture of technological innovation and next-generation research,” he said.

How IIT Delhi’s New Product Development and Management programme will help transform your career


For businesses to scale and deliver top-tier user experiences, they must deliver high-impact products that achieve desired outcomes and delight customers. But developing, launching and refining products that can strategically grow a business is not easy. It needs professionals with
product-centric thinking, a clear product vision, and the tools and resources to work with cross-functional partners.

The need for the rapid adoption of digital products has accelerated the digitization of experiences by at least 3 to 4 years (McKinsey Report, 2020). A resourceful product manager, therefore, is an indispensable part of an organisation — anchoring product goals and guiding decision-making through changing customer expectations.

If you are keen to up your product management skills and make the next move in your career, IIT Delhi has the right programme for you. The New Product Development and Management programme will teach you not just product deployment, sales, marketing and commercialisation but also give you hands-on experience in state-of-the-art product conception, design and prototyping for both engineering and digital products.

This programme will give you a practical and hands-on learning experience with real-world case studies, tutorials and assignments. Designed for participants from both technical and non-technical backgrounds, and taught via live online sessions with esteemed IIT Delhi faculty, this 5-month programme will provide a thorough understanding of developing and managing products, and disruptive business models & innovation techniques.

What are the learning outcomes of IIT Delhi’s New Product Development and Management programme?

This up-to-date and industry-relevant programme will help you gain the skills required to create and successfully launch products with a customer-centric approach. On completion, participants will:

Learn about the development and launching of new technical and digital products.

Understand economics, maintenance and lifecycle management tools with regards to different product groups.

Gain insight into crucial product road-mapping processes and lifecycles to ensure better marketability.
Acquire hands-on experience with product design optimization and design for manufacturing to enhance user comfort.

Learn about industry-focused design quality protocols, lean manufacturing techniques, production planning & control.

Derive insights on additive manufacturing (3D printing), subtractive manufacturing (CNC milling), and the role of automation and robotics.

**The programme’s robust curriculum includes new-age topics:**

- Market Research for New Product Development
- Tools for Design of Digital Products User experience (UX) design
- Introduction to Software Tools used to design Engineering Products
- Minimum Viable Products (MVP)
- Role of Robotics and Automation in Prototyping
- Building Markets and Creating Demand for New Products
- Brand Awareness
- Consumer Brand Knowledge
- Customer Acquisition and Retention
- Product Lifecycle Management
- Scale-up Model and Sustainable Growth Plan

The programme culminates with a Capstone Project, where participants, who would be grouped into teams, will apply their learnings from the programme with a development of 1 product per team.

**Completion Certificate for the Programme**

At the end of the programme, participants will be awarded a successful completion certificate from IIT Delhi on scoring at least 60% points in each of the evaluation components and maintaining a minimum attendance of 80%. Only E-certificates will be issued by CEP-IITD.

**Who is the programme for?**

This programme is suited for current and aspiring product management professionals who are looking to gain a detailed understanding of developing and managing products, and disruptive business models & innovation techniques.
Graduates exploring Product Development & Product Management roles, and professionals looking to create and promote products & services across business development, sales & marketing and UX/ UI teams will also benefit from the programme.

The program is also recommended for entrepreneurs keen on launching product-based startups and developing capabilities to create disruptive business models and nurture products.

To enrol into the program, you must be a Graduate of any recognised University. Those with Internship/Project/Work Experience will be preferred.

**Programme Details**

Starts on: 30 December 2021  
Programme Fee: Rs. 70,000+GST  
Application Deadline: December 24, 2021  
To learn more about the programme and apply, click [here](#).

**About IIT Delhi**

The Indian Institute of Technology Delhi (IIT Delhi) is one of the 5 initial IITs established for training, research and development in science, engineering and technology in India. Established as College of Engineering in 1961, the Institute was later declared as an Institution of National Importance under the “Institutes of Technology (Amendment) Act, 1963” and was renamed as “Indian Institute of Technology, Delhi”. Since its inception, over 48,000 students have graduated from IIT Delhi in various disciplines including Engineering, Physical Sciences, Management and Humanities & Social Sciences. Of these, nearly 5070 received PhD degrees. The rest obtained Bachelor’s and Master's Degrees in Engineering, Sciences and Business Administration. These alumni today work as scientists, technologists, business managers and entrepreneurs. There are several alumni who have moved away from their original disciplines and have taken to administrative services, active politics or are with NGOs. In doing so, they have contributed significantly to the building of this nation, and to industrialisation around the world.

**IIT Delhi Offers Online Certificate Course in Operations Management, Analytics**


*IIT Delhi’s online course will begin on January 1. The application deadline is December 22. Candidates shortlisted through the screening process will be informed by December 25.*

The Indian Institute of Technology (IIT) Delhi has invited applications for its online certification programme in Operation Management and Analytics. The course will be available to students via the edtech platform Upgrade. Interested students may apply for the certification programme on or before the last of application, December 24 on the Upgrade website.
Candidates taking this course will only be issued only an e-certification by CEP, IIT Delhi. The programme will be taught using business school case study pedagogy and will use a mix of live lectures and self-paced learning modules.

Candidates who will graduate degree with a minimum of three years or diploma holders are eligible to apply for this programme. Applicants will be selected on the basis of a screen and selection programme by the IIT Delhi.

COURSE STRUCTURE

The certification programme in operation management and analytics will be a six month or 25 weeks course and will begin from January 1, 2022. Candidates will be given a total of 25 assignments and projects during the course while working 6-8 hours a week and two live sessions per week.

The application deadline is December 22. Candidates shortlisted through the screening process will be informed by December 25.

Payment of first fee instalment - December 29

Last Date to pay block amount for EMI applicants: December 29

Last Date to Pay Second instalment of Fee - January 15, 2022

Programme Commencement – January

FEES

The programme fee is Rs 1.8 lakh including GST. All fees will be paid to the IITD CEP account, details of which will be shared with candidates post-selection.

MODULE

Candidates will be taught through a total of 12 modules starting with Module- Foundation to Operations Management Analytics where they will be introduced to concepts, tools, techniques and Analytics. This will be followed by a new module every two weeks except for the 11th module of Prescriptive Analytics which will be taught for 3 weeks and five sessions. Candidates will be evaluated in the 25th week

Over 1,250 jobs offered to IIT-Delhi students in campus placements

Tech giant Microsoft made almost 60 offers while Rakuten Mobile, Japan, tops the list of international offers.

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Among the firms that hired the students are Microsoft, HCL Tech, Jaguar Land Rover, EXL Analytics and Graviton Research Capital LLP India.

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An official of IIT-Delhi said the institute has never received job offers in such a large number before, adding that it is 45 per cent more than the previous year.

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Meanwhile, many students have opted for the deferred placement facility of the institute. The facility is available for those students who want to set up startups after graduation.

Students opting for deferred placement option can avail one time placement services within two years -- till 2023-24.

Speaking about the placement season, Anishya Obhrai Madan, Head, Career Services, at IIT Delhi, said: "We would like to thank all the participating employers for reposing their faith in our students. We are confident that given the innovative approach to recruitment, companies will be able to make sound hiring decisions. We expect this positive recruitment trend to continue for the rest of the season."

**Robust start to placement season at IIT Delhi**


In the placement season at the Indian Institute of Technology, Delhi that started on December 2, students have received over 1,250 offers so far, which is the highest ever number of offers secured at the start of the season, the institute said.

It added that there was a 45% increase in the number of offers received by the campus during this period over the last year and the number of pre-placement offers received this year were the highest in the last five years.
Despite the financial strain due to COVID-19, the quality of jobs offered in terms of compensation offered has also increased. “The average compensation offered on campus this year as indicated by recruiters has shown over 20% increase. Around 80% of the students who showed interest in availing placement facilities in this phase have been recruited up to now with selections to over 350 job profiles from over 200 companies,” the institute said.

An analysis of the jobs opted by students shows that most students — over 60% — have opted for jobs in their core fields. Other students have been placed by management (11%), analytics (9%), and finance (4%) companies.

Anishya Obhrai Madan, head, office of career services, IIT Delhi, said “We welcomed recruiters hiring in new-age domains like artificial intelligence, big data and cloud solutions, design development for high volume manufacturing, machine learning, robotics etc. across core sectors in addition to the traditional profiles. We look forward to this positive hiring trend continuing for the rest of the season.”

An option on deferred placements has been given to those students who wish to set up a start-up after their graduation. The students opting for deferred placement can avail of placement services once within two years after choosing this option, a spokesperson of the institute said.

The top five recruiters on the campus in terms of the number of offers included EXL Analytics, Graviton Research Capital LLP, HCL Technologies, Jaguar Land Rover India Limited, Microsoft. Microsoft gave the highest number of offers to the campus (around 60), while Rakuten Mobile, Japan gave the highest number of international offers.

The placement season at IIT, Delhi goes on up to the end of May. Phase I will conclude around the end of December while phase II will be conducted between January and May.

Why institutions are collaborating to enhance their research capacity


The joint initiatives have an interdisciplinary focus, often translating into patents, publications and need-based products
Several higher educational institutions (HEIs) are collaborating with neighbouring institutes in the state. Besides yielding new knowledge and facilitating best practices in academics and research, the tie-ups foster faculty collaboration and jointly guide students on their thesis.

“We have had joint scholars working on research projects that have produced patents and publications in addition to attracting huge funding,” says Sunil Khare, professor and dean (R&D), IIT Delhi, that has around 100+ research projects in collaboration with AIIMS New Delhi, Indian Council of Agricultural Research (ICAR); National Institute of Immunology (NII), New Delhi, NLU, Delhi; Ashoka University, Sonepat, IIIT Delhi, All India Institute of Ayurveda (AIIA), New Delhi, RCB, NII, ILBS New Delhi to mention a few.

Mutual benefit

“Through mutual sharing of research facilities and expertise between two institutes, the tie-ups help in complementing each other’s research requirements and identifying their strengths. Inevitably, most of these collaborations have an interdisciplinary focus, often translating into need-based technologies and products,” Khare says.

IIT Delhi has also implemented the Delhi Science and Technology Cluster with support from the office of Principal Scientific Advisor to the Govt of India. “The aim has been to create seamless connectivity among academia, R&D labs, industries and government agencies in the city. The cluster provides platform for knowledge exchange and research collaborations among the institutions towards better scientific solutions,” Khare says.

IIT Roorkee (IITR) too has been proactive in providing research infrastructure and faculty members who act as mentors for neighbouring institutes in terms of knowledge sharing, technically skilled manpower development and creating joint intellectual properties. “Many of the research areas comply with the attainment of sustainable development goals (SDGs) that is a priority for the neighbouring institutes as well,” says Manish Shrikhande, professor and dean-Sponsored Research and Industrial Consultancy, IIT Roorkee, that has collaborations with AIIMS Rishikesh, CSIR-CBRI-Roorkee, National Institute of Hydrology (Roorkee), National Institute of Design Haryana, NIT Srinagar, NIT Hamirpur, CSIR-IIP Dehradun, TERI etc.

Joint ventures

“IITR is collaborating with AIIMS Rishikesh in healthcare, drug development, medical diagnostics; and is also facilitating collaborative trainings, education and research (involving visiting faculty, scholar exchange, joint research projects). Under the National Mission for Himalayan Studies (NMHS) scheme, the projects with GB Pant National Institute of Himalayan Environment and Sustainable Development, Almora, Uttarakhand, are focussed on water resource, disaster management and sustainable habitat in the Himalayas,” Shrikhande informs.

Project innovations

The institute’s Design Innovation Centre (DIC) initially funded by the Ministry of Education has recently been upgraded as the Department of Design where NIT Srinagar and IIM Kashipur are
involved in projects in mechanical design, architectural design and Management studies. “Post the pandemic, the Design Innovation Center (DIC) provided a platform to come up with the solutions to fight against the Coronavirus. We wanted the students among various institutes to share their ideas. The competition ‘COVIDscape’ was organised for the neighbouring institutes, with a purpose to leverage the best ideas from across the institutes. Projects ranging from Self-Walkthrough and Vehicle Disinfection Tunnel System to UV-C Automobile Sanitiser, SVASYA (a wearable hand sanitiser with an incorporated ID card holder) and an Ultra Violet Virus Sterilisation Robo were initiated with the neighbouring universities and the prototypes were developed,” Shrikhande adds.

Global perspectives to local problems

More recently, the National Institute of Technology (NIT) Andhra Pradesh has been collaborating with state universities to implement joint academic programmes at undergraduate and postgraduate levels. “The institute has identified some potential areas for research-based projects like agriculture, horticulture, robotics, drones, smart mobility, data analytics etc and planning to execute them with the help of neighbouring universities,” says CSP Rao, director, NIT Andhra Pradesh, adding that resources and expertise sharing is one of the key points in the MoU with the Universities that are leading in respective academic domains with local connections.

“The objective is to create a strong regional cluster with higher educational institutes in the Godavari districts region for applying the faculty and students’ research to locally identified societal problems. Think Global and Act Local is the motto for this agreement,” Rao explains. “The institute is effectively planning to outreach with various goals where the community-based service project is one with more priority,” says Rao, adding that the institute will provide access of laboratory equipment and R&D related infrastructure to the participating universities through a smart gateway system.

The proposed inter-institute collaboration, he claims, will enhance the scope for research scholars including joint publications and patents. “Through this agreement, the scholars of the partnering institutes can pursue their studies/investigations at our institute based on the academic flexibility of the Universities. The joint doctoral degree programmes may be explored for long-term mutual opportunities,” Rao adds.

IIT Delhi to Organise SciTech Spins 4th Lecture On December 18


The Indian Institute of Technology (IIT) Delhi will organise SciTech spins fourth lecture for school students on December 18.

The Indian Institute of Technology (IIT) Delhi will organise SciTech spins fourth lecture for school students on December 18. The online session will be streamed live on IIT Delhi’s official YouTube
channel. SciTech spins fourth lecture will be titled “Unraveling Nature: From the Galaxies to the Quantum Realm” and will explain about the Universe and its history to the students.

Through SciTech spins IIT Delhi aims at reaching school students especially from the Classes 9th to 12th. The fourth lecture will be covered by IIT Delhi scientists Professor Suprit Singh, Professor Abhishek Muralidhar Iyer and Professor Tarun Sharma from the Department of Physics.

Questions like “Can electrons walk through walls? What do atoms look like? Why does matter have a mass? How can sky be used as a laboratory?” will be taken up by the speakers during the lecture.

The lecture will be divided into two parts, in the first part titled “A Brief History of the Universe: From the Big Bang to the Present”, Professor Suprit Singh will take the students on a tour of the universe from its beginnings. While the second part, delivered by Professors Iyer and Sharma, will dive into the world of elementary particles.

Giving a glimpse of their lecture, the team said, “One of the fundamental challenges of the human race is to understand nature in all its manifestations. This includes objects as large as galaxies and stars to the fundamental particles like the electrons. Over the past several centuries, our understanding has undergone a process of steady evolution. This talk will attempt to retrace the important steps in this progression and eventually lead to our understanding today.”

IIT Delhi will be giving e-certificates to the registered students nominated by their respective schools who attend the lecture. They will also be invited to 'Open House', an annual intellectual fest organised by IIT Delhi, which provides an ideal platform to school students to connect with some of the leading researchers in the field of Science and Technology.

**IIT-Delhi Researchers Develop RT-PCR Based Assay to Detect Omicron Inside 90 Minutes**


**Highlights**

- Researchers at IIT-Delhi have developed an RT-PCR-based assay to detect Omicron inside 90 minutes, according to officials
- At the moment Omicron is detected worldwide using next-generation sequencing-based methods which take more than 3 days.
- The institute has filed an Indian patent application for the assay developed by its Kusuma School of Biological Sciences and will start to initiate talks with potential industry partners.

Researchers at IIT-Delhi have developed an RT-PCR-based assay to detect Omicron inside 90 minutes, according to officials as per PTI.

At the moment Omicron is detected worldwide using next-generation sequencing-based methods which take more than 3 days.
The institute has filed an Indian patent application for the assay developed by its Kusuma School of Biological Sciences and will start to initiate talks with potential industry partners.

"The assay is based on detecting specific mutations which are present in the Omicron variant and absent in other currently circulating variants of SARS-CoV-2. Primer sets targeting these unique mutations in the S gene were designed for the specific amplification of either the Omicron variant or other currently circulating variants of SARS-CoV-2 and tested using real-time PCR," a senior IIT Delhi official said.

"Using synthetic DNA fragments, the assays were optimised to distinguish the wild-type from the Omicron variant in a dynamic range. Currently, the identification or screening for Omicron is done worldwide using next-generation sequencing-based methods, which require over 3 days. By using this RT-PCR-based assay, it will be possible to test for the presence of the Omicron variant within 90 minutes," the official added.

IIT Delhi was India's first academic institute with ICMR approval for a real-time PCR-based diagnostic assay.

The institute found a way to detect COVID to reduce the cost of testing by a lot and that made it affordable for a large population in the country.

The Omicron variant was first detected in India in Bengaluru when 2 people tested positive.

Kerala, Andhra Pradesh and Chandigarh reported their first Omicron case on December 12, while Maharashtra and Karnataka each recorded one more case and that takes India's tally to 38.

**IIT Delhi Research and Innovation wins Façade Project of the Year Award**

IIT Delhi Foundation for Innovation and Technology Transfer (FITT) is inviting industry and start-ups to engage with the institute. Source: IIT Delhi

Summary

- R&I Park of IIT Delhi is spread over 300,000 sq ft in an exquisite landscape
- The park is ready to join hands with government bodies, industries and start-ups

The Research and Innovation (R&I) Park of Indian Institute of Technology Delhi has been awarded the prestigious Façade Project of the Year Award 2021 by Construction Week India.

The R&I Park at IIT Delhi is spread over 300,000 sqft and set in an exquisite landscape. It offers various utility services such as restaurant, ATM, convention centre, parking space and more.

Several entries from all over India were received for the award and R&I of IIT Delhi was selected through a rigorous evaluation process.

“The R&I Park is slated to become a prominent centre for research and innovation leading to advanced technology platforms and deep-tech start-ups. The park is expected to strengthen the techno-entrepreneurship ecosystem and contribute to the regional economic development,” said Anil Wali, managing director, FITT, IIT Delhi.

The criteria for judging included architectural merit, contribution to the built environment, façade engineering as a discipline, application of innovation and uniqueness of application, focus on timely completion, quality and complexity of the project and its sustainability.

IIT Delhi director V. Ramgopal Rao briefed this R&I Park as a physical assembly of spaces that will support the institute, industry and government collaboration with the intention to create high-technology economic development, advancing knowledge while focusing on product innovation.

“The R&I Park has been designed with an emphasis on sustainability, with flexible spatial configurations (of laboratories, offices, suites, multimedia) and modern state of the art amenities offering numerous resources to the users,” said J.T. Shahu, dean of infrastructure, IIT Delhi.
The main objectives of the state-of-the-art research park was to accelerate research translation, provide avenues for IIT Delhi students and faculty to interact more closely with industry and bring to market technological breakthroughs through incubation. It also aims to amplify technological and societal impact of R&D at IIT Delhi and galvanise the entrepreneurial aspirations.

**60 students from IIT Delhi get Rs 1 crore-plus offers, 49 in Kanpur**


Japanese firm Rakuten has made 26 offers at IIT Bombay’s Powai campus— the highest from any international firm this year. Uber remained the highest payer at most IITs, including IIT Bombay, with a package of Rs 2.17 crore (or $287,550).

So far this season, IIT Kanpur has pulled in top recruiters such as Axtria, EXL, Graviton, Goldman Sachs, ICICI Bank, Intel, Microsoft, Ola, Rubrik, Samsung, Quadeye, Uber, Tiger Analytics.

The IIT Kanpur spokesperson said, “The institute has witnessed excellent hiring trends across sectors this time. The numbers are very encouraging and much higher than the previous years.” The highest international offer at the institute was Rs 2.07 crore and the highest domestic one was at Rs 1.2 crore.

At IIT-Kanpur, 49 students have got the Rs 1 crore-plus offers so far—a majority of which were for domestic roles. Including 156 pre-placement offers (PPOs), a total of 1,041 students have already bagged the offers. The institute recorded almost a 60% jump in the offers compared to the ones made in the first pandemic year till this time. International roles too increased from 19 to 47. Around 60 students of IIT-Delhi, which too crossed the 1,000 mark in less than a week, reportedly bagged the coveted Rs 1 crore-plus offers for national and international roles.

**IIT Delhi Collaborates with IntelliSmart to Conduct Research for the Development of Advanced Smart Grid Solutions**

IntelliSmart has signed a MoU with IIT Delhi

The new collaboration between IIT Delhi and IntelliSmart aims to evolve new-age real-time communication capabilities of Advanced Metering Infrastructure (AMI) functional specifications,

In its efforts to advance digitalisation in the power distribution systems, the Indian Institute of Technology (IIT) Delhi’s Foundation for Innovation and Technology Transfer (FITT) has signed a Memorandum of Understanding (MoU) with the IntelliSmart Infrastructure Private Limited (IntelliSmart).

The MoU has been signed to collaborate on defining next-generation smart-grid functions, advanced research to drive the development of real-time smart grid solutions with the potential to achieve improved revenue management, increased billing efficiency and control, consumer satisfaction, and opening up the smart grid data for many newer applications and monetisation.

The new collaboration aims to evolve new-age real-time communication capabilities of Advanced Metering Infrastructure (AMI) functional specifications which will be supported by the enhanced capabilities of next-generation equipment or solutions. These solutions will be developed by IIT Delhi (with its industry collaborators) utilising its advanced research outcome in the field of energy efficiency, learning-based smart IoT systems, smart sensing, data analytics, IoT security, advanced communication technology frameworks of 5GNR or NB-IoT, and MEC framework, claim the press release by the IIT- Delhi.

Speaking of the collaboration, Anil Rawal, MD, and CEO, IntelliSmart said, “This collaboration between IntelliSmart and IIT Delhi is our endeavour to advance the process of digitalisation in the power sector. By marrying our on-the-ground execution experience and ability with IIT Delhi’s academic and research capability, we seek to create that perfect synergy that will enable us to contribute to the development of the new-age smart grid system by leveraging opportunities in
the areas of energy efficiency, AI/ML, blockchain, IoT security and advanced communication technology frameworks that will ultimately benefit the country and consumers.”

Anil Wali, MD, FITT said, “We hope that our engagement with IntelliSmart leads to innovative and smart next-generation technologies (based on AI, IoT, etc) for efficient metering and other digital solutions that are likely to bring great benefits to the customers.”

**Clensta backed by IIT Delhi raises Rs 20 crore in Series A round led by Venture Catalysts and Inflection Point Ventures**


Home care products startup, Clensta has raised over Rs 20 crore in Series A funding led by Venture Catalysts and Inflection Point Ventures, said the company.

Besides Hem Angels, part of Hem Securities Limited, N+1 Capital (RBF), the existing investors along with other marquee investors also invested in this funding round, the IIT-backed startup said in a statement.

The funds raised will be used to scale up the company’s sales, ramp up brand marketing and expand Clensta’s online and offline presence across India. The brand has achieved a CAGR of over 130% and aims to earn Rs 1000 crore revenues in the next 5 years, claimed the company.

“Clensta’s innovative cleaning technology reduces the usage of water to a great extent. Clensta’s entry into the D2C segment is likely to create a new category of personal and home care products. We are optimistic that Clensta will become a billion-dollar tech-driven personal care brand in the next few years,” stated Apoorva Ranjan Sharma, Co-founder and President, Venture Catalyst.
The five-year-old start-up founded by Puneet Gupta in 2016, started with the flagship products based on Waterless Technology (Waterless Body bath & Shampoo) to enable bathing without the use of water.

Mitesh Shah, Co-Founder, Inflection Point Ventures says, “D2C wave is birthing many innovative and disruptive brands. Clensta takes the innovation further with the introduction of waterless tech in their products. Their understanding of the fast-growing D2C segment and a varied range of products in personal care impressed our investors to lead this round.”

Gaurav Jain, Director, Hem Angels says: Over the next five years, D2C brands present at least a USD 100B opportunity. Clensta have been quick to capitalise on the product, innovation and price white space. There’s no better time than now for Clensta to get off their growth plan and take their product to the next level, witnessing the rapid acceleration of scale.

As a developer of waterless technology and the curator of this category, the startup has a big presence in the B2B and B2B2C segments. However, Clensta is now tapping the D2C segment with smart concentrates for household cleaning and plans to launch an innovative technology-based personal care category, said the company.

“Keeping in mind the Indian Home Care market size of USD 6.2 billion, we have adopted an omnichannel strategy to ensure Clensta’s presence in offline as well as online markets. In this light, this funding comes as an affirmation that we continue to lead in the right path,” said says Puneet Gupta, Founder CEO, Clensta.

“We will be focusing on developing innovative and sustainable products, enhancing our relations with customers and marketing and expansion of our footprints across the country. We aim to use technology to scale the personal care segment and provide a personalised shopping experience to our customers,” he added.

**Oppo, IIT-Delhi sign MoU for scholarship programme**


Part of Oppo India’s Genius+ programme

Aimed at strengthening its commitment towards empowering young minds of the country, Oppo India on Monday introduced the Genius+ programme to provide scholarships to outstanding students pursuing engineering courses at premium institutes.
To start with the programme, the smartphone maker has signed a memorandum of understanding (MoU) with IIT Delhi to offer scholarships covering academics expenses for the shortlisted students.

Oppo will also be extending the programme for Masters and PhD students to invest in the future of technological leaders in the industry, the company said in a statement.

“India holds a true potential to become the innovation hub. This programme is a step towards helping young people around the world gain access to better educational and learning opportunities, carving an innovative future together. We hope to empower more students through this programme and prepare the innovators of tomorrow,” Tasleem Arif, Vice President, India R&D Head, Oppo India, said.

The selection of first-year applicants for the Genius+ scholarship programme is based on the JEE rank of the students, and this will be further renewed for the second to fourth year if the selected students have a minimum CPI (CGPA) of 8.0 or above.

Oppo’s representative will guide and track academic progress of selected students via in person visits to the campus, the company said. “Such scholarships go a long way in acknowledging the meritorious candidates,” Naveen Garg, Dean – International Programmes, IIT Delhi, said.

From Raghuram Rajan to Sachin and Binny Bansal – IIT-D’s power-packed alumnus

December 5, 2021  https://theshillongtimes.com/2021/12/05/from-raghuram-rajan-to-sachin-and-binny-bansal-iit-ds-power-packed-alumnus/

From Kiran Bedi, the first female IPS officer of India, to noted economist Raghuram Rajan to Sachin and Binny Bansal, the founders of Flipkart, the Indian Institute of Technology-Delhi (IIT-D) has produced some famous personalities who have played a great role in the economic progress of the country.

Established in 1961, IIT-D was the fifth such institute after Kharagpur (1951), Bombay (1958), Madras (1959) and Kanpur (1959).

IIT-D is known for producing top entrepreneurs, scientists, economists, politicians and lawyers for years, and has always kept a distinct place among the top five IITs, out of the 23 in India.
It was established in collaboration with the British government, which agreed for a College of Engineering and Technology in Delhi. The foundation stone was laid by Prince Philip, then Duke of Edinburgh, during his visit to India at Hauz Khas on January 28, 1959.

It was formally inaugurated on August 17, 1961 and was affiliated to the University of Delhi.

In 2018, IIT-D was one of the first six institutes to be awarded the Institute of Eminence status, which granted almost-full autonomy in that they will be able to admit foreign students up to 30 per cent of the admitted students and recruit foreign faculty up to 25 per cent of the faculty strength with enhanced research funding.

IIT-D has a sprawling campus of 325 acres located in Hauz Khas. It also has two satellite campuses in Sonipat and Jhajjar.

Internationally, IIT-D was ranked 185 in the QS World University Rankings of 2021. The same rankings had ranked it 43 in Asia in 2020 and 18 among BRICS nations in 2019.

Let us look at some of the most distinguished IIT-D alumni who have made the country proud.

Kiran Bedi
Kiran Bedi, who did her Ph.D. from IIT-D’s Department of Social Sciences in 1993, became the first Indian female officer in the Indian Police Service and started her service in 1972.

She remained in service for 35 years before taking voluntary retirement in 2007 as the Director General, Bureau of Police Research and Development. She also served as the 24th Lieutenant Governor of Puducherry from May 2016 to February 2021.

In 1994, Bedi was awarded the Ramon Magsaysay Award and the Nehru Fellowship. The Magsaysay Foundation recognised her leadership and innovations in crime control, drug rehabilitation, and humane prison reform.

Raghuram G. Rajan
Raghuram G. Rajan, who received his Bachelor’s degree in electrical engineering from IIT-D in 1985 along with the Director’s Gold Medal for all-round performance, became the 23rd Governor of the Reserve Bank of India.

He is currently working as a professor at the University of Chicago, and also as the Economic Counselor and Director of Research at the International Monetary Fund (IMF). Rajan is one of the top researchers in the world in the fields of economics and finance. He has won an array of prestigious awards, including three consecutive Brattle prizes for distinguished papers in the Journal of Finance.

Sachin and Binny Bansal
Sachin and Binny Bansal, who received their B. Tech degree in computer science & engineering from IIT-D in 2005, built one of the largest ecommerce marketplaces in India. Flipkart has been ranked among the 10 most valuable startups in the world by the Wall Street Journal.
Sachin led Flipkart as its CEO from its inception in 2007 till 2015, and took over as the Executive Chairman in 2016. He is currently leading and mentoring the startup and internet ecosystem in India and is an angel investor in several technology startups.

Binny served as the Chief Operating Officer of Flipkart till January 2016 before being promoted as its Chief Executive Officer. He exited Flipkart in November 2018, and became a prolific angel investor who now mentors over 30 investments in the startup ecosystem. He recently co-founded another technology company named xto10x Technologies, to achieve his vision of helping startups.

Deepinder Goyal

Deepinder Goyal, who received an integrated M.Tech in mathematics and computing from IIT-D in 2005, became the founder of one of the largest food aggregators in the world — Zomato.

Under his leadership, the startup, which began as a platform for restaurant review and discovery in Delhi-NCR, has grown into a company synonymous with food in over 500+ cities in India. Prior to founding Zomato in 2008, Goyal worked as a management consultant with Bain & Company.

Vinod Khosla

Vinod Khosla, who received his B.Tech degree in electrical engineering from IIT-D in 1976, is the co-founder of Sun Microsystems and the founder of Khosla Ventures.

Khosla is an Indian-American billionaire businessman and venture capitalist. In 2014, Forbes counted him among the 400 richest persons in the US. In 2020, he was listed No 353 on the Forbes 400 list. (IANS)

IIT Delhi celebrates International Day of Persons with Disabilities 2021


Theme for IDPD 2021 is “Leadership and participation of persons with disabilities toward an inclusive, accessible and sustainable post-COVID-19 world.”
The Indian Institute of Technology (IIT) Delhi celebrated the International Day of Persons with Disabilities today with the director, V Ramgopal Rao, and performed “challenging challenges” activities.

“The activities were organised to sensitize and build empathy among non-disabled persons by helping them experience the challenges faced by persons with disabilities in their daily life and also value their abilities,” an official statement from IIT Delhi said.

With an aim to support students with disabilities, the institute had launched ‘Office of Accessible Education (OAE)’ this year. The OAE has made a modest start over the past few months in providing support to such students, the statement said.

To extend support to the disabled students, the OAE and the institute’s academic section are offering scribes and compensatory time to over 130 students on the campus. With the help of the Head of Departments, the OAE has created a pool of scribes for this purpose, the statement added.

Speaking of the various steps IIT Delhi is taking for the disabled persons including students on the campus, Rao said: “At the OAE, assistive devices will be available for those who need them. We will conduct a survey among the students with disabilities about the kinds of assistive devices they need (wheelchairs, hearing aids, calipers, special mobile phones, etc.). We have taken steps towards making our official website compliant with WGAC guidelines. The institute is also looking into providing mobility services on the campus to the disabled persons.”

IDPD is celebrated every year on December 3 to promote the rights and well-being of persons with disabilities in all spheres of society and development, and to increase awareness of the situation of persons with disabilities in every aspect of political, social, economic and cultural life.

The theme for this year’s IDPD is “Leadership and participation of persons with disabilities toward an inclusive, accessible and sustainable post-COVID-19 world.”

**IIT Delhi to study 'massive' landslip near Tirupati, in aftermath of floods**
As the second ghat road, which leads to the temple of Venkateswara, has been badly damaged, devotees can choose an alternative date for darshan within a period of six months as heavy rains continue.

A team from the Indian Institute of Technology, Delhi, will be inspecting the second ghat road in Andhra Pradesh’s Tirumala where a massive landslip was reported in the early hours of November 30.

The Tirumala Tirupati Devasthanam (TDD) Chairman YV Subba reddy said experts from IIT Delhi would inspect the ghat roads and suggest precautionary measures to be adopted to avoid the recurrence of such landslips in the future, The Hindu reported.

As the second ghat road, which leads to the temple of Venkateswara, has been badly damaged, devotees can choose an alternative date for darshan within a period of six months as heavy rains continue.

The incident took place about one kilometre ahead of the town. Huge boulders along with the rubble from atop a mountain cliff tumbled down and fell across the road. The landslip was so massive that the road was severely damaged at two different locations and a small stretch of parapet wall also got washed away on the road below. However, no casualties were reported.

The TTD engineering, forest and vigilance personnel rushed to the spot and cleared the debris. As a temporary measure, the vehicular traffic which remained disrupted for over three hours was diverted onto the link road.

IIT Delhi placements: At least 60 offers above Rs 1 cr made on first day

Over 350 national and international organizations offering above 750 job profiles across multiple sectors have already registered for hiring students as of now, they said.

Around 60 offers made to students at Indian Institute of Technology, Delhi, on first day of the placement drive are above Rs 1 crore, according to sources.

Over 350 national and international organizations offering above 750 job profiles across multiple sectors have already registered for hiring students as of now, they said.

According to officials, there has been over 45 per cent increase in the number of offers received by the campus and over 35 per cent increase in the indicative compensation offered by companies visiting on Thursday in comparison to last year.

IIT Delhi students bagged over 400 placement offers including pre-placement offers (PPOs) highest in past 5 years by the end of the first day of the placement season on December 1. Many students have also bagged multiple placement offers.

"Around 180 PPOs have been received as of now and 7 students have opted for deferred placements facility of the institute. Deferred placements facility is available to students who wish to set up a start-up post their graduation, the institute said in a statement.

The students choosing the deferred placement option can avail placement services once within 2 years after availing this option up to 2023-24.

Anishya Obhrai Madan, Head, Office of Career Services, IIT Delhi said, We are confident that given the new ways of recruiting and our scheduling paradigm; companies will be able to make good hiring decisions. We look forward to this positive hiring trend continuing for the rest of the season.

Top recruiters on the campus included Bain, Boston Consulting Group, Goldman Sachs, Graviton, Intel, Microsoft, NK Securities and Texas Instruments etc.

For the first time, few organisations have indicated that their salaries in India may be higher than those paid by organisations recruiting for international profiles, Obhrai said.

**IIT-Delhi and National Law University sign pact to collaborate on research and academics**


The outcomes from these collaborative initiatives are expected to have a profound impact at the national level.

The Indian Institute of Technology (IIT) Delhi and National Law University (NLU) on Tuesday signed an agreement to set up ‘NLUD-IITD Collaborative Platform’. The platform has been formed with the aim of initiating a wide range of research and academic collaboration in various interdisciplinary fields.
Under this student exchange programme, the IIT Delhi and NLU Delhi have sanctioned joint projects on forensic investigations involving human DNA samples and investigation of inherent algorithmic biases and their legal ramifications for India. The law and technology university will work together on several topics including Forensic Science, Cyber Laws and Cybercrimes, Law and Development including Official Statistics, Climate Change and Environmental Law.

Besides, the varsities will work on ‘Law and Justice’ including Ethics and Criminal Law and Justice. The collaboration comes within the ambit of the Multi-Institutional Faculty Interdisciplinary Projects (MFIRP) scheme of the Research and Development Unit of IIT Delhi.

The outcomes from these collaborative initiatives are expected to have a profound impact at the national level. “The signing of this agreement for student exchange and launch of the seed fund for supporting collaborative research between IIT Delhi and NLU Delhi mark an important milestone in bringing law and technology together for a translational impact,” said Prof V Ramgopal Rao, IIT-D director.

NLU Delhi Vice-Chancellor Srikrishna Deva Rao said: “The National Law University Delhi is committed to high quality and rigorous interdisciplinary research. The launch of our joint seed funding scheme with IIT Delhi marks a significant moment for the NLUD family.”