How can there be any progress of the country without the spread of education, the dawning of knowledge?

Swami Vivekananda
IIT-Delhi to set up centre of excellence on Applied AI for Sustainable Systems


This new center will be set up on the IIT Delhi campus.

R Systems International Ltd. and IIT Delhi Partner to Set Up a Centre of Excellence on Applied AI for Sustainable Systems.
(Source: IIT Delhi)

IIT Delhi has signed a Memorandum of Understanding (MOU) with R Systems International Limited, an IT service management company, to setup a Center of Excellence (CoE) on Applied AI for Sustainable Systems.

This new center will be set up on the Indian Institute of Technology, Delhi campus, and will include a cutting-edge research lab, the creation of an endowed faculty chair position, and the initiation of merit-based student scholarships.

For this partnership, the R Systems CoE will serve as an R&D hub, bringing together R System researchers with faculty members and students to address at-scale real-world problems. The work produced by this CoE is expected to enhance the research and development capabilities of both R Systems and IIT Delhi.

“We are delighted to announce the establishment of the R System CoE at IIT Delhi. Sustainable computing and systems will be critically important in the future. Our collaboration with R Systems will result in the
development of innovative approaches and cutting-edge AI techniques for sustainable computing”, said Prof. Rangan Banerjee, Director, IIT Delhi.

IIT Delhi opens application for undergraduate summer research fellowship 2024


The IIT Delhi fellowship can be done in a period of eight to 12 weeks between May 14 and July 12. The application link will remain active till March 20 (5 pm).

The Indian Institute of Technology (IIT) Delhi has opened the application window to register for the undergraduate summer research fellowship. The students at different engineering institutes (except the IITs) in India or abroad who have completed at least two years of study and are amongst the top 10 ranks in their respective programmes or branches will be eligible to apply. The official website to apply for the fellowship is academics.iitd.ac.in/srf/login.

The IIT Delhi fellowship can be done in a period of eight to 12 weeks between May 14 and July 12. The application link will remain active till March 20 (5 pm). The list of candidates selected for the fellowship will be displayed by the second week of April.

IIT Delhi Fellowship Details

The fellowship will cover the cost of travel (train-sleeper class only) within the country to and from IIT Delhi. Stay at the institute campus during the visits including boarding and lodging facilities will also be provided to the ones shortlisted for the fellowship. Rs 500 per week will also be given as a fellowship amount.

While the students would be registered at IIT Delhi as visiting students, they will not be required to pay the institute any registration fee. The selected student will be required to get himself/herself insured against any eventuality for the period of stay at this institute. The student will have to bear the insurance charges and the insurance should cover accident and accidental death, the IIT Delhi said.

Students will have to upload a no-objection certificate (PDF format) from the parent institution stating the starting and ending date for carrying out the full-time research work at IIT Delhi under the fellowship programme during the time of application.
IIT Delhi Launches Summer Faculty Research Fellow Programme; Register Till March 19


IIT Delhi SFRF 2024: IIT Delhi has started registration for the Summer Faculty Research Fellow Programme (SFRF) 2024. Those meeting the eligibility requirements can apply for IIT Delhi Summer Faculty Research Fellow Programme till March 19, 2024. Know application process here

INDIAN INSTITUTE OF TECHNOLOGY DELHI
Continuing Education Programme
SUMMER FACULTY RESEARCH FELLOW (SFRF) PROGRAMME - 2024
Website: https://cepqip.iitd.ac.in

Applications are invited in the prescribed format from full-time regular/permanent faculty from various Engineering, Science, Humanities, Management and Public Policy Colleges/Institutions/Universities in India for doing research work under the Summer Faculty Research Fellow Programme (during May-July 2024).

IIT Delhi Launches Summer Faculty Research Fellow Programme

IIT Delhi Fellowship Programme 2024: The Indian Institute of Technology (IIT), Delhi is accepting applications for the Summer Faculty Research Fellow Programme (SFRF). Interested candidates can fill up the IIT Delhi Summer Faculty Research Fellow Programme application form online at the official website:

To apply for the IIT Delhi fellowship programme, they should be regular, full-time faculty/permanent faculty members. Also, preference will be given to those who are considering higher studies PhD in the future. UG/PG/PhD students are not eligible for this programme.
IIT Delhi Summer Faculty Research Fellow Programme Dates

Candidates can go through the table to know the important dates of IIT Delhi Summer Faculty Research Fellow Programme:

<table>
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<tr>
<th>Events</th>
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<tr>
<td>Last date to apply</td>
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<td>IIT Delhi Summer Faculty Research Fellow Programme Result</td>
<td>April 22, 2024</td>
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<tr>
<td>Commencement of classes</td>
<td>May 14, 2024</td>
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<tr>
<td>End of classes</td>
<td>July 12, 2024</td>
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Mode of IIT Delhi Summer Faculty Research Fellow Programme

The faculty fellowship programme will be conducted on-campus/online/hybrid mode. After the selection to the Summer Faculty Research Fellow Programme on mode of delivery will be final and binding on the faculty fellows. Candidates can get more information from the official website: https://cepqip.litd.ac.in

How to apply for IIT Delhi Summer Faculty Research Fellow Programme?

Candidates can apply for the IIT Summer Faculty Research Fellow Programme online. They have to fill out the online application form and attach the required documents (a copy of resume, research paper and publication etc.)

Under the SFRF page on the website upload the No Objection Certificate (NOC) duly forwarded (sign and seal) through the Head of the Institution and needs to be submitted at the time of joining the programme. (in original).

Further, upload the complete documents: Qualifications, Experience, Scope of the Research Interest, and Resume as a single pdf file name titled "Your Name SFRF-2024"
Govt ropes in IIT Delhi to pick locations for new industrial smart cities


National Industrial Corridor Development Corporation Limited (NICDC) and the Foundation for Innovation and Technology Transfer at the Indian Institute of Technology, Delhi (FITT-IITD) signed an MoU on Monday with the objective to evaluate optimality of locations for development of greenfield industrial smart cities in India leveraging the principles and framework of PM GatiShakti, according to a Commerce and Industry Ministry statement.

The initiative aligns with India’s vision to emerge as a global manufacturing hub, emphasizing the importance of data-driven, decision-making in sustainable futuristic urban planning and development.

Under the MOU, FITT-IITD will leverage its technological prowess and research capabilities to analyse various factors influencing location optimality, including ease of business, living costs, logistics costs, multi-modal connectivity, ease of living index, living costs, potential of particular industry(s), raw-material availability and sustainability.

The comprehensive report produced as a result of this collaboration will serve as a guiding framework for future urban planning decisions, facilitating the development of greenfield cities tailored to meet the evolving needs of industry and society, the statement said.

The MoU signing ceremony was attended by Col. Naveen Gopal, COO (FITT, IIT Delhi), Prof. Nomesh Bolia, Prof. Sanjeev Deshmukh, Deepak Gautam, Pratik Badgujar and officials from NICDC.

Speaking on the occasion, Rajat Kumar Saini, CEO and MD of NICDC, said: "By leveraging advanced technologies and research expertise, we aim to identify locations conducive to industrial development, in order to attract investments, promote local commerce and generate employment opportunities."
University of Canterbury academics have been awarded two of four inaugural IIT-Delhi India-New Zealand Centre Fellowships.

A joint initiative between IIT-Delhi and eight New Zealand universities, the IIT-Delhi India-New Zealand Centre aims to bolster academic and cultural exchange between India and New Zealand through joint research in climate change, disaster management, urban planning, and environmental monitoring, areas important to both countries.

"The partnership is designed to build engagement between New Zealand universities and create opportunities for mutually beneficial research ties between our country and IIT-Delhi," said University of Canterbury School of Mathematics and Statistics Head of Department, Professor Clemency Montelle.

Professor Montelle has been awarded an India-New Zealand Centre Fellowship along with University of Canterbury Director of Geospatial Research Institute Professor Matthew Wilson.

Working alongside researchers in the Department of Civil Engineering at IIT-Delhi, Professor Montelle's research aims to explore the mathematical and astronomical traditions of Indian knowledge systems and their connections to modern science and technology.

"Beyond the technical and the analytical, we see the rise and the importance of being culturally responsive in our teaching and our research. Indigenous communities have developed unique knowledge systems which are often deeply connected to the natural environment and their people. This broader holistic lens on scientific practices is crucial," said Professor Montelle.

"Using Indigenous knowledge systems alongside modern approaches, we aim to create more culturally responsive and equitable implementation of emerging science and technology, modes of community engagement as well as introducing it into research and teaching to inform and shape policy and decision-making processes for both countries," added Professor Montelle.

With a background in Sanskrit knowledge systems and her own experience of New Zealand Indigenous knowledge systems, Professor Montelle said the Fellowship plants the seed for long lasting relationships between the two countries.
"There is a commitment by the Indian Ministry of Education to incorporate the Indian knowledge system throughout education. This isn't an alternative to modern science, but instead understanding how Indigenous knowledge systems can enrich our current approaches," said Professor Montelle.

University of Canterbury's other Fellowship recipient, Professor Matthew Wilson will use geospatial data and analysis to quantify flood hazards and water resources in India and New Zealand.

Working alongside water resource researchers in the Department of Civil Engineering at IIT-Delhi, Professor Wilson's research aims to contribute to the development of technologies for monitoring and mitigating water hazards.

"This is an excellent opportunity to share expertise and establish collaborative research between IIT-Delhi and the University of Canterbury within the digital twin technologies for the good of humanity, and remote sensing for water resources and other critical targets. India's co-leadership of the NISAR satellite mission, alongside NASA provides new opportunities for this collaboration. The satellite is planned to launch in late March from the Satish Dhawan Space Centre in southern India. With all-weather and day-night capability, NISAR data will provide valuable information for assessing flood risk and water resources. It will be exciting to analyse these data alongside colleagues at IIT-Delhi," said Professor Wilson.

"By using these data within digital twin technology, we can obtain rapid estimates of areas impacted by flooding, leading to improved response and management," added Professor Wilson.

**Two new bldgs at Hauz Khaz campus of IIT to host 20 units**

Prime Minister Narendra Modi inaugurated the east and west academic complexes at Indian Institute of Technology Delhi’s Hauz Khas campus through videoconferencing on Tuesday.

Part of a large number of infrastructure projects initiated at centrally funded higher educational institutions under the higher education department, this is the biggest construction activity for research and academic purposes in the history of Indian Institute of Technology Delhi at one go.

The two multi-storey buildings, measuring over 60,000 square metres, are developed for Rs 260 crore.

“‘They will strengthen the existing academic and research facilities on the campus. The institute is known for the cutting-edge research done by the faculty and students. The new research facilities in these two academic blocks will help us reaching new heights,” said IIT-D director Rangan Banerjee.
The buildings, called Academic Complex East and Academic Complex West, will host more than 20 academic units, including School of Artificial Intelligence (AI), School of Public Policy, departments of design, textile and fibre, mechanical engineering, material science and engineering, mathematics, energy science and engineering, biological sciences, biotechnology, electrical engineering, physics, chemistry, and humanities and social sciences, Centre for Biomedical Engineering, Centre for Automotive Research and Tribology, Centre of Excellence on Cyber Security, central workshop, School of Inter-disciplinary Research, and central research facilities.

More than 300 research-cum-teaching labs will be set up focusing on research and development in the areas of energy, environment and sustainability, artificial intelligence and data science, advanced materials and devices, med-tech & healthcare, 5G/Internet of Things (IoT)/communication, quantum technologies, electric mobility, biological sciences, healthcare and many other frontier areas of technological and scientific research.

The new structures will also have 200 faculty offices, 10 committee rooms, 13 conference rooms and other facilities like faculty lounges and departmental libraries.

The Union minister of state culture, Meenakshi Lekhi, and eminent scientists from various organisations were among the participants at the event.

**AIIMS, IIT Delhi collaborate to revolutionise elbow replacement surgery**


*Recognising the challenges faced by patients due to the high cost and inadequate quality of imported elbow replacement setups, this partnership aims to provide accessible, precise, and high-quality implants for elbow replacement surgeries, according to an AIIMS release on Wednesday.*

All India Institute of Medical Sciences (AIIMS) and the Indian Institute of Technology (IIT) Delhi have joined hands to develop cutting-edge elbow replacement implants that are both precise in fit and of superior quality.

Recognising the challenges faced by patients due to the high cost and inadequate quality of imported elbow replacement setups, this partnership aims to provide accessible, precise, and high-quality implants for elbow replacement surgeries, according to an AIIMS release on Wednesday.
Elbow replacement surgery is a crucial procedure for individuals experiencing debilitating conditions such as stiffness and immobility in the elbow joint. The prohibitive cost of imported setups and the lack of exact-fit and high-quality implants have posed significant challenges for patients seeking relief through surgery in India, it said.

Leveraging the expertise and resources of both institutions, this collaborative effort is set to revolutionise the landscape of elbow replacement surgery in the country, the premier institute said.

“The key highlight of this collaboration is the development of elbow replacement implants that offer an exact fit and uncompromising quality, all while remaining cost-effective. Unlike imported setups that often come with a hefty price tag ranging from Rs 1 to 1.5 lakh, the AIIMS-IIT Delhi implants are projected to be available at a fraction of the cost,” it said.

With the AIIMS and IIT Delhi leading the way, patients can now benefit from advanced elbow replacement solutions that promise improved mobility, reduced pain, and enhanced quality of life, it added.
IITD-AIA Join Forces with AICRA

By MM Desk - February 16, 2024

IITD-AIA joins forces with AICRA (Image Credit: IITD-AIA/LinkedIn)

In a significant development, the IITD-AIA Foundation for Smart Manufacturing and the AICRA – All India Council for Robotics & Automation have announced a strategic collaboration through a Memorandum of Understanding (MoU).

The IITD-AIA Foundation for Smart Manufacturing is a collaborative initiative between the Indian Institute of Technology Delhi (IITD) and the Automation Industry Association (AIA) aimed at advancing smart manufacturing technologies in India. Through research, education, and industry partnerships, the foundation seeks to drive innovation and enhance the competitiveness of Indian manufacturing industries.
AICRA (All India Council for Robotics & Automation) is dedicated to advancing robotics and automation technologies in India. The organization provides a platform for professionals, researchers, and enthusiasts to collaborate and share knowledge. Through workshops, conferences, and training programs, it aims to drive the growth of the robotics and automation industry in India, paving the way for a more technologically advanced future.

Professor Sunil Jha and AICRA President Rajkumar Sharma are spearheading a new partnership aimed at advancing technological innovation and strengthening India’s global standing in the field. This collaboration is centered around empowering industries with state-of-the-art technology, including the implementation of awareness programs, innovative product development, and the establishment of industry Incubation Centers across the country.

The Indian Association of Smart Manufacturing (IAFSM) will play a pivotal role in providing essential training, supporting AICRA’s Industry 4.0 Centers of Excellence, and fostering a vibrant start-up ecosystem. This strategic alliance reflects a shared dedication to technological excellence, with the goal of positioning India as a frontrunner in global smart manufacturing advancements.

The collaboration between the IITD-AIA Foundation for Smart Manufacturing and AICRA is expected to bring about a transformative shift in India’s manufacturing landscape, positioning the nation as a global leader in smart and sustainable manufacturing practices. Together, these organizations are embarking on an initiative that promises to shape the trajectory of manufacturing in India.
Joint PhD Program at IIT Delhi And Australian University: Registration Ends March 15; Details Inside


The University of Queensland (Australia) and the Indian Institute of Technology Delhi have joined forces to deliver a Ph.D program through its research academy.

Joint PhD Program at IIT Delhi And Australian University: Registration Ends March 15; Details Inside

Joint PhD Program 2024: The University of Queensland (Australia) and the Indian Institute of Technology Delhi have joined forces to deliver a Ph.D program through its research academy. The last date for submission of the online application form for the University of Queensland-IIT Delhi (UQ-IITD) Joint PhD program is March 15, 2024. Eligible and interested candidates can apply for the same by visiting the official website at www.uqidar.org/eoi. Through the UQIDAR joint-PhD program, students can receive a scholarship to study at two world-leading, research-intensive institutions – The University of Queensland (UQ) and the Indian Institute of Technology Delhi (IITD) – on multidisciplinary projects.

Trending Now

Upon successful completion of the program, you will be offered a jointly awarded Doctor of Philosophy (PhD) from both UQ and IITD. A PhD is one of the highest degrees that can be awarded. The aim of the UQIDAR Joint PhD is to foster the development of independent research skills in addressing grand challenges of global significance. Candidature should be a maximum of four years in all disciplines, depending on students’ progress. Upon successful completion of the program, graduates will be offered a jointly awarded Doctor of Philosophy (PhD) from both UQ and IITD.

Indian nationals and international applicants (with citizenship other than Australian), will be considered for scholarships as i-students.

**Eligible i-students will be awarded a scholarship which includes:**

Year 1 (at IITD): a monthly stipend of Rs 41,000*

Year 2 (at UQ): an annual stipend of A$32,192*

Years 3 and 4 (at IITD): a monthly stipend of Rs 45,000*

Relocation grant of A$5200* to support return travel between Delhi and Brisbane
Overseas Student Health Cover (single policy) for stay in Brisbane in Year 2

Indian and international applicants (with citizenship other than Australian), are considered for admission as i-students. I-students spend their first year of study at IITD before completing one year (or more) at UQ. They then complete the remainder of their studies at IITD.

Join a world-leading joint PhD program with a generous scholarship

The University of Queensland (Australia) and the Indian Institute of Technology Delhi have joined forces to deliver a PhD program through its Research Academy.

We are seeking Expressions of Interest (EOI) from exceptional applicants with a background in science, technology, engineering, mathematics, healthcare, humanities, or social sciences for admission to the PhD program in July 2024.

Upon successful completion of the program, students will be offered a jointly awarded Doctor of Philosophy (PhD) from both universities.

Why join the Academy

- Jointly awarded PhD
- Study at two world-class universities
- Be supported by a generous scholarship
- Study in Australia and India
- Receive relocation support and research travel grants

UQ IITD Research Academy

Apply today
EOI for the UQ-IITD Joint PhD program close 15 March 2024.
To submit an EOI, visit www.uqidar.org/eoi

For more details, candidates are advised to track the official website.
PM Modi interacts with first batch of IIT Delhi’s Abu Dhabi campus students


Interacting with the IIT Delhi- Abu Dhabi campus students, PM Modi said that this not only begins a new chapter in bilateral collaboration between India and the UAE, but also brings the youth from the two countries together.

The Prime Minister Narendra Modi interacted with the first batch of students from the IIT Delhi–Abu Dhabi Campus. The PM is on a two-day visit to the United Arab Emirates (UAE).

Interacting with the IIT Delhi- Abu Dhabi campus students, PM Modi said that this not only begins a new chapter in bilateral collaboration between India and the UAE, but also brings the youth from the two countries together.

The opening of a campus of the IIT Delhi in the UAE was envisioned by the leadership of the countries in February 2022. The project, a joint collaboration between the Indian Institute of Technology Delhi (IIT-D) and Abu Dhabi Department of Education & Knowledge (ADEK), an official statement said, aims to provide quality higher education opportunities to students globally.
It also seeks to foster partnerships between the two countries in the fields of next generation technology, research and innovation. The first academic program – a Masters in Energy Transition and Sustainability – started this January.

**CSR: The Hans Foundation partners with IIT-Delhi to provide scholarships for Women in STEM**

February 12, 2024  [https://indiacsr.in/csr-the-hans-foundation-scholarships-for-women-stem/](https://indiacsr.in/csr-the-hans-foundation-scholarships-for-women-stem/)

The Hans Foundation is also working with IIT-Delhi for scholarships as well as accessibility support for students with Disability.

The program will benefit women from families with low-income groups.

The program will be financially aided by THF under educational support from IIT-Delhi for four years.

New Delhi (India CSR): With the goal to promote inclusivity and equal opportunities, The Hans Foundation has forged a partnership with IIT-Delhi to provide scholarships for Women in STEM. The Foundation intends to support 10 women from low socioeconomic backgrounds with financial support, mentorship, and other resources required for success.

The program aims to empower women to pursue and succeed in STEM fields, thereby bridging the gender gap in these disciplines. The project duration spans four years, commencing from July 2023 to July 2027. Within the framework of this scholarship initiative, eligible female undergraduate students enrolled in the B.Tech /Dual degree programs at IITD will receive annual support covering tuition fees, hostel expenses, mess charges, and other fees for a four-year duration.

The Hans Foundation (THF), established in 2009, is a Public Charitable Trust that works towards creating an equitable society by enhancing the quality of life for all through the empowerment of marginalized and underprivileged communities in India. Apart from a focus on improving health and wellbeing across rural India, the foundation is also committed to advancing women’s empowerment through a range of targeted initiatives, including education and livelihoods.

Speaking about the partnership, Shweta Rawat, Chairperson and Founder of The Hans Foundation said, “As we embark on this transformative journey with IIT-Delhi, our scholarship programs echo a resounding commitment to champion inclusivity and provide equal opportunities. By extending financial support, mentorship, and resources to women from lower socioeconomic backgrounds, our overarching goal is to pave the way for their active pursuit and excellence in STEM fields. Through these initiatives, we strive to contribute significantly to the ongoing effort of narrowing the gender gap prevalent in these disciplines.”
The program is defined by fixed eligibility and selection criteria, reinforcing its commitment to fostering inclusivity and promoting opportunities in the STEM fields. The scholarships will increase access to education for women in STEM, enabling them to pursue higher education in the field. This will reduce financial barriers and increase the enrollment of these women in STEM programs.

The scholarship also aims to create a supportive community for the scholars by providing access to networking opportunities, workshops, and events that bring together scholarship recipients, STEM professionals, and peers. This will create a sense of community and foster collaboration, allowing women to share experiences, build relationships, and expand their professional networks.

Prof Angelie Multani, Dean of Diversity and Inclusion, IIT-Delhi adds, “A pronounced gender disparity has endured across various levels of science, technology, engineering, and mathematics (STEM) disciplines globally over the years. Despite notable strides by women in advancing their presence in higher education, they continue to be underrepresented in these fields. The collaboration with The Hans Foundation marks a pivotal stride in promoting inclusivity within STEM and ensuring equitable opportunities for women from underserved communities.”

The foundation is also partnering with Indian Institute of Management – Udaipur for a scholarship program for Women in Management. Building on the success of these initiatives, THF is also committed to further expanding the scope of its scholarship programs. In the upcoming year, THF aims to extend scholarships to even more women and girls, reaffirming its dedication to creating pathways for educational advancement and breaking down barriers to access.

BECon’24: IIT Delhi’s Annual Entrepreneurial Summit Concludes, Attended By Gadkari, Kiran Bedi Among Others


The summit was attended by prominent personalities including Union Minister Nitin Gadkari, and former Puducherry Governor Kiran Bedi.
The Indian Institute of Technology (IIT) Delhi concluded the annual entrepreneurial summit, BECon 2024, on February 4. The summit commenced on January 31 witnessed participation of several institutions across the country, according to a release issued by the institute.

This year, BECon'24 was inaugurated by Union Minister of Road Transport and Highways Nitin Gadkari. In his address, Gadkari urged students to embrace entrepreneurship as a pathway to self-reliance and national development, as per the statement. He further highlighted the importance of innovation and underscored India’s potential to emerge as a global entrepreneurial powerhouse.

The summit was attended by prominent personalities including Union Minister Nitin Gadkari, and former Puducherry Governor Kiran Bedi.

The first day of the event was jam-packed with speaker sessions and contests, including Biz-E 3.0, Blueprint, Moonshot, and ‘Launchpad’, the Startup Expo. The day opened with a keynote address by famed first-woman IPS officer Kiran Bedi, according to the release.

The guest lineup included Amit Kumar Agarwal, Nitin Jain, Mohit Joshi, Raghav Verma, stalwarts in India’s startup ecosystem, and Vikram Gupta, and Sanjeev Bikhchandani, the Padma Shree Awardee and co-founder of Info Edge.
The panel talked about the start-up and investment industries and discussed the current industry developments and the core issues of aspiring entrepreneurs.

The summit further delved with a discussion on investing in innovation, with the panel comprising Satya Prakash Singh, Col. Kiran Deep Singh, Dhruv Dhanraj Bahl, Suraj Malik, and Piyush Bansal. The panelists talked about deep tech's disruptive potential in critical industries such as healthcare, space technology, and sustainability.

The closing ceremony featured stand-up comedian, Akash Gupta. "Gupta entertained the audience, leaving them in splits and ensuring that the event concluded on a joyous note. His performance added a dash of laughter and camaraderie, encapsulating the essence of Becon 24 - inspiring, inclusive, and unforgettable," reads the official release issued by IIT Delhi.
IIT Delhi startup Sanfe develops India's body care with glycoclear technology

With an annual revenue run rate of Rs 100 crore and a commitment to achieve 500 percent growth in the next 2–3 years, India’s largest online, femcare brand Sanfe is set to revolutionise the beauty and wellness sector.

India’s existing body care market is poised towards fragrance or moisturisation-led products which are proven to be less effective on a vast range of complex body care issues of Indian women.

After witnessing the lack of confidence in their female colleagues at a farewell party due to tanned skin, dark underarms, strawberry skin etc., IIT Delhi Startup Sanfe Founder’s Archit Agarwal and Harry Sehrawat decided to address this issue.

After months of rigorous research, these IIT incubated entrepreneurs developed the revolutionary Glycoclear Technology. This path-breaking skincare innovation transcends traditional boundaries, setting a new standard for feminine care and redefining the beauty narrative.

In a groundbreaking stride towards empowering women and transforming the beauty market, Sanfe today launched this revolutionary Glycoclear Technology with one of the largest body care range.

At the core of this transformative technology lies the Glycoclear Complex, an intricate blend of AHAs (alpha-hydroxy acids), and BHAs (beta-hydroxy acids). It is a breakthrough innovation, which is proven for maintaining low pH - exfoliating the skin’s top layer from its very first use, accelerated penetration of actives - making it 3X quick in action and providing instant nourishment to the skin, making it smoother than ever.

Archit Agarwal, Co-Founder of Sanfe, shared, "Our mission is to empower women with more than just products. With this technological innovation, Sanfe is aiming to address a broader spectrum of women's body needs."

Harry Sehrawat, Co-Founder of Sanfe, said, "Glycoclear is more than just a skincare solution, it's about breaking free from body concerns and societal norms. Each product is designed not just for effectively solving skin concerns but to instil confidence and liberation in every woman."

"I am delighted to witness the groundbreaking innovation of the GlycoClear Complex, a precision AHA and BHA skincare solution developed by the brilliant minds at a Startup of IIT Delhi graduates. This transformative blend of scientific excellence is a testament to our commitment to pushing the boundaries of knowledge and
fostering impactful innovation." said Preeti Ranjan Panda, Dean of Corporate Affairs Relations, IIT Delhi and Managing Director, FITT.

Experience the triumph of feminine innovation:

- Instalite Detan Body Cream: Detans instantly in 10 minutes.
- Spotlight Body Lightening Cream: Solution for dark underarms, neck, joints & skinfolds.
- Clear & Confident Body Wash and Body Lotion: Formulated for body acne, tan, bumps & dark spots
- Underarm Lightening Roll On: Balances skin's pH levels for long-lasting freshness & glowing underarms
- Reveal No More Bumps Body Scrub: Specifically designed to address the rough, bumpy texture associated with keratosis pilaris

Beyond its transformative impact, Sanfe proudly announces that Glycoclear Technology has been granted a trademark, solidifying its position as a pioneer in skincare innovation. The technology underscores the focus on academic excellence, reinforcing Sanfe's commitment to pushing the boundaries of traditional beauty standards.
AIIMS, IIT-Delhi to use ‘music therapy’ for curing patients suffering from stroke and Aphasia

In order to combat the loss of language function or Aphasia caused by stroke and facilitate quick recovery of patients falling prey to this deadly disease, the neurological department of All India Institute of Medical Sciences (AIIMS) along with the Indian Institute of Technology (IIT-Delhi) mull over using music therapy as an optimum solution for speech disabilities.

Stroke remains the second-leading cause of death and the third-leading cause of death and disability combined. Aphasia or the loss of language function, can be caused by brain damage due to stroke in 21-38 percent of acute stroke patients, as per neurology experts at the All-India Institute of Medical Sciences. Early and timely speech and language rehabilitation can aid in a better recovery, they said.

Music therapy has been shown to improve verbal fluency in various parts of the world. However, in India, there is a lack of similar adaptive strategies, as per experts. The Department of Neurology, AIIMS, New Delhi, in collaboration with IIT–New Delhi, is conducting a study on the customization and adaptation of the treatment strategies that such patients need for the recovery of their global speech and language functions.

This will be provided free of charge to the patients under the ICMR-funded study.

Meanwhile, stroke, a highly preventable and treatable condition, could lead to nearly 10 million deaths annually by 2050, primarily affecting low- and middle-income countries (LMICs). This projection comes from the collaborative effort of the World Stroke Organization and the Lancet Neurology Commission under which four studies have been published. Four research papers emphasizing pragmatic recommendations to reduce stroke burden globally have been published under this Commission.

This report was published in the esteemed Lancet Neurology journal. The report underscores that stroke deaths are expected to surge from 6.6 million in 2020 to a daunting 9.7 million by 2050. By 2050, it is estimated that the contribution of stroke deaths in LMICs will see an increase from 86 per cent to 91 per cent.
NEW COURSE: IIT Delhi launches MSc in Biological Sciences, admissions through JAM for 20 seats under the new academic programme


The course will commence from the academic year 2024-25 and students will be encouraged to undertake projects/internships in academic laboratories

To fill the gap in big data analysis and presentation in the current job market and provide real-world exposure and eventual employability, the Kusuma School of Biological Sciences at IIT Delhi has launched a new academic programme, an MSc in Biological Sciences. The programme will commence from the academic year 2024-25.

Admissions to the two-year Master’s programme will be through the Joint Admission Test for Masters (JAM 2024). There are 20 seats under the new academic programme.

Speaking about the new MSc in Biological Sciences offered by the Kusuma School of Biological Sciences at IIT Delhi, the HoD of the School, Prof Bishwajit Kundu said, “This programme is a highly selective opportunity for bright, enthusiastic students who wish to study interdisciplinary biology at the postgraduate level”.

Prof. Manidipa Banerjee, program in-charge (MSc in Biological Sciences), said, “We have ensured a balance of coursework to prepare students for employment in the modern biotechnology market, as well as to provide a strong foundation towards higher studies and discovery research in interdisciplinary biological sciences.”

The unique features of this programme include:

(i) A strong emphasis on quantitative biology as a core topic in the curriculum to fill the gap in big data analysis and presentation in the current job market.

(ii) Students will have an open basket of electives to choose from.

(iii) This programme will have a strong emphasis on 'learning by doing’, not by instruction. All core courses in the programme have a practical or analytics-based component, not a single pure theory course is proposed.
(iv) Students will be encouraged to undertake projects/internships in academic laboratories, as well as in startup/industry settings in the last semester, which will increase their real-world exposure and eventual employability.

**IIT Delhi: Office of campus SC/ST Cell inaugurated today, February 2**


Union Minister for Social Justice and Empowerment Ramdas Athawale was present at the ceremony as the chief guest.

The inauguration happened today, February 2  | (Pic: EdexLive)

The office of the SC/ST-OBC Cell of the Indian Institute of Technology (IIT) Delhi has been inaugurated today, February 2 – after nearly 11 months since its constitution.
The inauguration ceremony took place at 10 am today, in the Seminar Hall on the campus. Ramdas Athawale, Union Minister for Social Justice and Empowerment was present at the ceremony as its chief guest. Members of the Ambedkar Periyar Phule Study Circle (APPSC), an independent student collective for SC/ST/OBC welfare from IIT Delhi, were also present at the ceremony.

The SC/ST-OBC Cell of IIT Delhi was constituted on March 16 last year following three suicides at IITs, with two of the victims belonging to the SC community. These deaths reignited conversations around caste discrimination and institutional casteism towards SC, ST and OBC students at reputed education institutions such as the IITs.

This cell, which is led by Prof Pravin Ingole of IIT Delhi’s Department of Chemistry, is tasked to implement and monitor reservation policies related to the admission of students at all levels, and the recruitment for both teaching and non-teaching posts. The cell has the power to follow up and check whether the objectives of reservation policies are being met, as stated in a report by *The Hindu*.

Further, the cell is also responsible for receiving orders for the education, training, and employment of SC/ST/OBC students and employees issued by the Central Government or the University Grants Commission (UGC), to improve or modify existing policies, as well as reporting all the above information back to the Ministry of Education.