

Quarterly

NEWSLETTER

JANUARY 2020 ISSUE



INDIAN INSTITUTE OF TECHNOLOGY DELHI



News & Events



Sports & Culture



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WORD FROM THE **Director**

Dear IIT Delhi friends and well-wishers,

Wishing you all a Happy, Healthy and Prosperous New Year 2020!

I am happy to present the January 2020 issue of the Institute's quarterly newsletter to you. It highlights the major academic achievements, research work, collaborations and extra-curricular activities in the Institute. It also showcases the accolades our alumni have received.

Your comments and suggestions are welcome to make the next issue of the newsletter more interactive.

Warm regards

V. Ramgopal Rao

Director, IIT Delhi

News & Events



President of India launches IIT Delhi Endowment Fund

Hon'ble President of India, Shri Ram Nath Kovind, launched the 'IIT Delhi Endowment Fund' at Rashtrapati Bhavan on 31 Oct 2019. An initial commitment of Rs 250 Cr was made by over 10 founder alumni at the time of launch. The endowment model aims to achieve a target corpus of USD 1 billion over a period of seven years. This first-of-its-kind fund in India will work towards the development of IIT Delhi, nurturing innovation, and keeping alive the entrepreneurial spirit among the youth of India, also in the form of scholarships.



IIT Delhi files 150 IPs in 2019; highest ever in a year

IIT Delhi has reinforced its image as an innovation engine by filing 150 IPs (patents, designs etc.) in the calendar year 2019. Both national and international patents have been filed by FITT, an industry-interface organization at IIT Delhi. Speaking on this achievement IITD Director Prof V Ramgopal Rao said: "IIT Delhi has filed 150 IPs in 2019 - a 20% increase over 2018 figures. Also, compared to last year, we have seen a four-fold increase in revenue from our IP licensing activities."



Tributes paid to Mahatma Gandhi and Shri Lal Bahadur Shastri

IIT Delhi paid tributes to Mahatma Gandhi on his 150th birth anniversary and former PM Late Shri Lal Bahadur Shastri on his 116th birth anniversary on 02 October 2019. On this occasion IIT Delhi Director, Prof V. Ramgopal Rao honoured 19 sanitation workers for their services. He also made two major announcements i.e. renaming of Gramodaya Parisar at IIT Delhi as "Mahatma Gandhi Gramodaya Parisar" and formulation of policies for "Institute Social Responsibility".



2nd edition of assistive technology conference 'Empower'

IIT Delhi and Microsoft India, hosted the second edition of Empower, an assistive technology conference from 14th to 17th October at I-TEC, IIT Delhi- Sonapat campus. The unique conference brought together leading researchers, technologists and policy makers to discuss actionable steps in creating and making available assistive technologies and highlight the challenges in doing so. Stakeholders from entire ecosystem, Disabled Persons' Organizations (DPOs) and Non-Governmental Organizations (NGOs) participated in the conference.



Placement - 1st Phase crosses previous years' benchmarks

The first phase of the placement season in IIT Delhi, which commenced on December 01, 2019, ended on a robust note with placement offers crossing 960 (some students have received multiple job offers) including pre-placement offers. The Training & Placement Unit of the Institute has been rebranded as Office of Career Services (OCS). Prof S. Dharmaraja, Head, OCS, said: "In the second phase also we are hopeful of increasing the placement numbers and achieving impressive statistics."



Dhruv: IIT Delhi mentors top 30 science students

Top 30 science students from across the nation were mentored by experts at IIT Delhi under the Prime Minister Innovative Learning Programme "Dhruv", that will act as a platform to explore the talent of outshining and meritorious students, and help them achieve excellence in their specific areas of interest may it be science, performing arts, creative writing, etc.



Roundtable meeting on Air Quality with Ambassador of Korea to India

Mr Shin Bongkil, Ambassador of the Republic of Korea to India visited IIT Delhi on 7th November for a roundtable meeting on Air Quality hosted by the Centre of Excellence for Research on Clean Air (CERCA). Prof V Ramgopal Rao, Director, IIT Delhi; Prof B R Mehta, Dean (R&D); CERCA Coordinator Prof Sagnik Dey shared their views in the meeting. Prof Rao explained how CERCA is advising government agencies on clean air policy and working along with the Institute faculty to provide technological solutions to the air pollution problems faced by Delhi/NCR.



IIT Delhi delegation visits ASEAN countries to promote PhD fellowships

An IIT Delhi delegation visited various ASEAN countries like Vietnam, Brunei, Singapore, Cambodia and Myanmar in December 2019 to create awareness about the fully funded 1000 PhD Fellowships to ASEAN students in 23 IITs across India. The fellowship programme was announced by PM Shri Narendra Modi on 25th January 2018 in the presence of ASEAN leaders. IIT Delhi is coordinating IIT for the ASEAN PhD Fellowship Programme and its faculty member Prof. Nomesh Bolia is National Coordinator.



Nature's Editor-in-Chief delivers guest lecture

Dr. Magdalena Skipper, Editor-in-Chief of Nature and Chief Editorial Advisor for Nature Research, delivered a Guest Lecture on "150 Years of life-changing research lessons from Nature, the International Journal of Science" at IIT Delhi. A geneticist by training, Dr. Skipper holds a PhD from the University of Cambridge, UK. She has a considerable editorial and publishing experience, having worked as Chief Editor of Nature Reviews Genetics, Senior Editor for genetics and genomics at Nature, and Editor in Chief of Nature Communications.



All India Design Innovation Centre Exhibition held

IIT Delhi hosted a day-long All India Design Innovation Centre (DIC) Exhibition on 26th Nov 2019. Prof TC Kandpal, Dy. Director (Operations), IIT Delhi, inaugurated the exhibition in the presence of Prof PVM Rao, Coordinator of IIT Delhi Design Innovation Center and representatives from other DICs. During the exhibition, products and solutions developed by various institutes/universities were displayed.



Central Library, IIT Delhi organises book exhibition

The Central Library, IIT Delhi in collaboration with the Sahitya Akademi (Govt. of India), organized a book exhibition and related literary programs including discussion on literature and screening of documentary films during National Book Week from Nov. 14-20, 2019.



HRD minister reviews Unnat Bharat Abhiyan

Minister of Human Resource Development Dr. Ramesh Pokhriyal Nishank had invited IIT Delhi, Unnat Bharat Abhiyan's National Coordinating Institute, to discuss the progress of the Abhiyan on 7th Nov 2019. The minister suggested his view points for strengthening it for further expansion. Shri R Subrahmanyam, Education Secretary; Prof V Ramgopal Rao, Director, IIT Delhi and Prof VK Vijay, National Coordinator, Unnat Bharat Abhiyan were present in the meeting.



50th Annual Convocation Ceremony

IIT Delhi held its 50th Annual Convocation Ceremony on 02nd November 2019. Dr. K Sivan, Chairman, ISRO was the Chief Guest on this occasion. On the occasion of the 50th Convocation, a customized my stamp and a special cover was released by Shri P.K. Bisoi, Secretary (Posts) in the presence of Dr K. Sivan and Prof V. Ramgopal Rao, Director, IIT Delhi. The Convocation 2019 witnessed award of degrees to 2042 graduating students (1217 Post Graduate and 825 Under Graduate). President's Gold Medal was awarded to Mr Kacham Praneeth (B. Tech in Computer Science & Engineering). Director's Gold Medal was awarded to Ms Mallika Singla (B. Tech in Biochemical Engineering & Biotechnology) and Dr Shankar Dayal Sharma Gold Medal to Ms. Himakshi Barsiwal (M. Tech in Chemical Engineering). On this occasion, Dr K Sivan, Chairman, ISRO and Prof V. Ramgopal Rao, Director, IIT Delhi signed an MoU to jointly set up ISRO Space Technology Cell at IIT Delhi. The Cell will work for carrying out focused research projects in the space technology domain with specific deliverables. It is also proposed that IIT Delhi as an Institute becomes academic partner of ISRO in research areas for example AI, nanotechnology, functional textiles, smart manufacturing or any area of joint interest. The 50th Annual Convocation ceremony also witnessed IIT Delhi honouring its esteemed alumni with Distinguished Alumni Award 2019 and Distinguished Alumni Service Award 2019.



Industrial **Research & Development (IRD)**

Sponsored Research Projects & Consultancy Jobs Undertaken Through IRD Unit

- 58 Sponsored projects with sanctioned value to the tune of Rs 154.16 Cr.
- 59 Consultancy jobs with a total sanctioned value of Rs 3.09 Cr.



High Value Sponsored Research Projects (with sanctioned value Rs 100 Lacs and above) Undertaken During October - December 2019

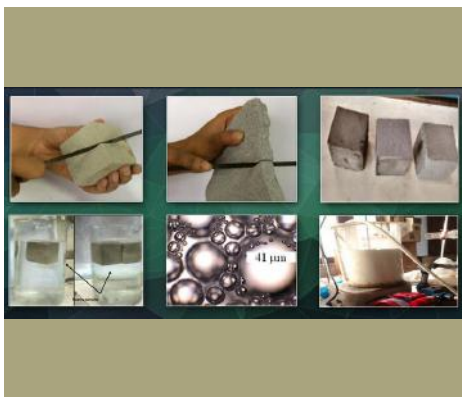
- "To Establish Sophisticated Analytical and Technical Help Institute (SATHI) at IIT Delhi" sponsored by DST (Sanctioned Value: Rs 12500 Lacs)
- "Development of Hierarchical Novel Catalyst for One Pot Conversion of CO₂ Rich Synthesis Gas to Dimethyl Ether and Scale-up Studies" sponsored by DST (Sanctioned Value: Rs 169.21 Lacs).
- "Enhancing India's Policy Analysis Capabilities to Meet Energy and Environment Challenges" sponsored by Children's Investment Fund Foundation (Sanctioned value: Rs 532.50 Lacs).
- "Design, Development and Demonstration of 1kW (1kWh) Vanadium Redox Flow Battery for Stationary Application" sponsored by DST (Sanctioned Value: Rs 144.71 Lacs).
- "Design and Development of Display Source, Projection & Collimating Optics and Camera for Use in Helmet Mounted Display and Sight" sponsored by DRDO under JATC (Sanctioned Value: Rs 320.68 Lacs).
- "PAVITRA GANGA - Unlocking Wastewater Treatment, Water Re-use and Resource Recovery Opportunities for Urban and Peri-Urban Areas in India" sponsored by DBT (Sanctioned Value: Rs 217.73 Lacs).

Research & Innovation



Indigenous technology for dental implants

A research team led by Prof Naresh Bhatnagar, IIT Delhi has developed an indigenous technology for dental implants. PM Shri Narendra Modi has also appreciated the researchers for the development of this indigenous technology. The project was funded by CSIR. This medical device was conceptualized, designed and manufactured at IIT Delhi in collaboration with MAIDS as part of Make in India for the world. The design was based on the premise of minimum stress generation (use of Finite Element Modeling- FEM techniques) during the insertion of threaded Titanium Ti6Al4V implant, a multi-function abutment for reduced inventory and for all sizes of implants (3.5 mm to 5.0 mm of diameter) to reduce cost.



Lighter aerated cement developed using industrial waste

Researchers from IIT Delhi have developed aerated concrete with fly ash, a waste from thermal power plants. The aerated concrete developed has more uniform dispersion of air voids and high surface areas than those available in the market making them lighter in weight. Autoclaved aerated concrete (AAC) is a building material much in demand and the technology developed by Prof. Ashok N. Bhaskarwar and his team from IIT Delhi with the support of Waste Management Technologies (WMT) Program of Department of Science & Technology, Government of India could reduce the cost of the manufacturing AAC substantially. Aerated concrete was prepared in the laboratory with separate systems of cement-sand, cement-fly ash, and cement-GBFS (granulated blast furnace slag) which are industrial solid waste.



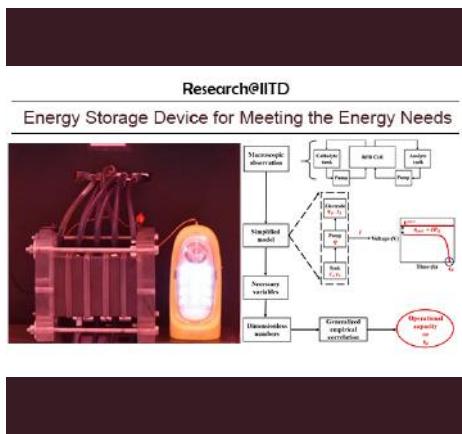
Device for early diagnosis of high-risk pregnancies and kidney diseases

After seven long years of hard and dedicated work, Cutting Edge Medical Devices, a medical devices start-up founded by Dr. Pankaj Parashar, who is doing his PhD from Centre for Biomedical Engineering, IIT Delhi, has developed a novel device named SCINTIGLO, for a rapid, highly accurate with a lab-like accuracy, portable point of care diagnosis for an early estimation of proteins in urine as an early sign of high-risk pregnancies and kidney damage in patients of various diseases. The cost per test on this device shall be around Rs. 50-60 per test, which is around 3-4 times less than the cost per test to the labs; hence, in the future the cost to the patients would also come down drastically from the present rate of Rs.600/test. The team has performed more than 50,000 wet-lab tests to achieve the accuracy and affordability for the test. Lab version of the product has been launched.



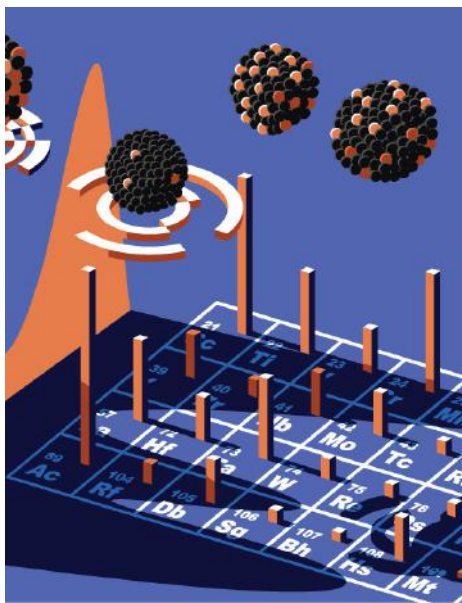
SeeTB: A novel device to diagnose TB

A team of researchers has developed a novel device that is an alternative to sputum smear microscopy to diagnose tuberculosis in high burden countries. The group led by Prof. Seyed E. Hasnain (then working at IIT Delhi), Dr. Ravikrishnan Elangovan and his team at Valetude Primus, Healthcare Pvt. Ltd. (Mr. Saurabh Singh and Mr. Vikas Pandey) and Dr. Nasreen Zafar Ehtesham, ICMR-National Institute of Pathology, Safdarjung Hospital has developed a novel technology, called CLR-SeeTB for efficient screening of TB patients. The results have appeared in Scientific Reports, a prestigious journal published by Nature [SCIENTIFIC REPORTS (2019) 9 :16371/https://doi.org/10.1037/s41598-019-52739-9].



Small and medium scale energy storage device

Researchers at IIT Delhi led by Prof Anil Verma, Chemical Engg., have produced a small and medium scale energy storage device that can play a pivotal role in meeting the future energy demands of the country. Various energy storage options are available with associated advantages and disadvantages, depending upon geographical location and need. One of the storage options that is currently showing significant potential is the vanadium redox flow battery (VRFB) that has some unique characteristics of independent power and energy capacity tenability, complete discharge without damage, and easy replacement of liquid electrolyte having active ingredient. Its energy efficiency is not significantly affected by relatively large temperature range. The liquid electrolyte (having active ingredient) replacement provides an additional freedom to VRFB based renewable energy storage technology.



Machine Learning and Catalyst Discovery

In search for a sustainable supply of fuels and chemicals, development of green and renewable processes is desirable for mitigating climate change. Towards fulfilling this goal, design of nanoscale materials with desirable level of catalytic or electrocatalytic properties, essentially holds the key to success. In an effort to rationally design catalyst materials, Prof. M. Ali Haider's group at Chemical Engineering Dept., IIT Delhi has adopted a bottom-up approach, wherein quantum mechanical ab initio density functional theory (DFT) simulations of reactions occurring on the material surface are providing a mechanistic rationale to design desired catalyst surfaces. Towards fulfilling this goal, the group has recently demonstrated the application of a machine learning (ML) technique in discovering novel catalyst materials for industrial applications. For heterogeneous catalysis, ML based methods developed by Prof. Haider and co-workers are showing potential to significantly reduce the experimental as well as computation cost. Availability of ML algorithms (in open source libraries like Scikit-Learn) and materials database (like CatApp and Materials Project) further augments this realization. This work is highlighted as a cover illustration on the reputed journal of the Royal Society of Chemistry, Journal of Materials Chemistry A (2020, 8, 107-123).



Irrigation brings down temperature and reduces monsoon rainfall

A team of researchers from the Centre for Atmospheric Sciences at IIT Delhi used computer simulations to study the impact of irrigation on Indian climate. India is one of the most heavily irrigated regions of the world. The use of irrigation has been critical to increasing food production in India – irrigated regions account for nearly 60% of India's agricultural output. However, a new modeling study conducted by Roshni Mathur and Krishna AchutaRao of the Centre for Atmospheric Sciences (published in the journal Climate Dynamics in December 2019) shows that this might be coming at a cost in terms of its detrimental effect on the monsoon – which is in many ways the life blood of Indian economy. Using a state of the art climate model (Community Earth System Model) they carried out simulations on the IIT Delhi Supercomputer Padum to study the impact of irrigation on India's climate. "By varying the amount of irrigation water use in the model and comparing it to simulations without irrigation, the study explores the effect on temperatures as well as rainfall during the summer monsoon season over India. The most heavily irrigated regions of the Indo-Gangetic plains show a temperature decrease of nearly 3-4 C, with the rest of India showing smaller decreases," says Prof Krishna AchutaRao.



Prof. V. Ramgopal Rao

Director IIT Delhi

Prof. V. Ramgopal Rao has been invited to be a member of the Editorial Advisory Board of Nano Letters, a very prestigious journal having impact factor of 12, for a period of three years starting from January 1, 2020.



Prof. Neetu Singh

Centre for Biomedical Engineering

Prof. Neetu Singh has been awarded NASI-Scopus Young Scientist Award 2019 - Women in Science.

Prof. Javed Sheikh

Dept of Textile & Fiber Engg,

Prof. Javed Sheikh has been chosen for the following awards/honors: a) Chartered Colourist from Society of Dyers and Colourist, UK b) INAE Young Engineer Award from Indian National Academy of Engineering



Prof. Samaresh Das

Centre for Applied Research in Electronics (CARE)

Prof. Samaresh Das has been awarded ISSS Young Scientist Award -2019 by the Institute of Smart Structures and Systems (ISSS, Dept. of Aerospace Engineering, IISc).



Prof. Purnima Singh

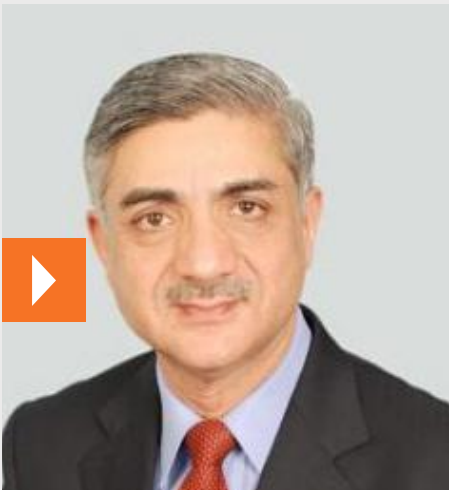
Dept. of Humanities & Social Sciences

Prof. Purnima Singh has been elected as a Fellow of the National Academy of Psychology, India.

Prof. S K Koul

Centre for Applied Research in Electronics (CARE)

Prof. S.K. Koul has been honoured with "IEEE Life Fellow".





Prof. Abhisek Dixit

Dept. of Electrical Engineering

Prof. Abhisek Dixit has been elected as a Fellow of the Institution of Engineers (India). He has also been elected as a Fellow of the Institution of Electronics & Telecommunication Engineers "IETE".



Prof. Sumitava Mukherjee

Dept. of Humanities & Social Sciences

Prof. Sumitava Mukherjee has been selected for the Award of Young Psychologist of the National Academy of Psychology, India for his commendable contributions to psychology as a discipline and profession.

Prof. Saptarshi Mukherjee

Dept. of Humanities & Social Sciences

Prof. Saptarshi Mukherjee has been awarded the Japan Society for the Promotion of Science (JSPS) Invitational Fellowship for Research in Japan.



Prof. Dipti Ranjan Sahoo

Dept. of Civil Engineering

Prof. Dipti Ranjan Sahoo has been elected as a Fellow of the Institution of Engineers (India).



Prof. Richa Kumar

Dept. of Humanities & Social Sciences

Prof. Richa Kumar has won the Malcolm & Adiseshiah Trust's national award for outstanding social scientists below the age of 45 years.



Prof. Kavya Dashora

Centre for Rural Development & Technology

Prof. Kavya Dashora has been awarded 'Innovation in Food Award' PETA, for developing mock egg from plant based sources.



Visits By **International Delegations**



Indo-Mexican Social Innovation Workshop and Seminar – 09th Oct 2019



Mr Badara Alieu Joof, Minister for Higher Education, Research, Science & Technology, Gambia - 30th Oct 2019



A 6-member delegation from Loughborough University, UK - 05th Nov 2019



Mr. Dan Tehan, Australia's Education Minister - 21st Nov 2019



Prof. Gamal Helmy, President of Benha University, Minister of Higher Education & Scientific Research, Egypt - 26th Nov 2019



Prof. Herman Russchenberg from Delft University of Technology - 17th Oct 2019



Mr. Fred Eisenberger, Mayor of Hamilton, Canada - 20th Nov 2019



3-member delegation from University of Victoria - 11th Dec 2019



High Commissioner H.E. Ms. Grace Akello - 03rd Oct 2019



Five-member delegation from City University of Hong Kong - 03rd Oct 2019



Hon. Muswere Jenfan, Deputy Minister, Embassy of Zimbabwe - 18th Oct 2019



Prof. Dasho Nidup Dorji, Vice Chancellor, Royal University of Bhutan - 07th Nov 2019



8-member delegation from University of Indonesia - 08th Nov 2019



10-member delegation from University of Sydney - 22nd Nov 2019



Prof. Vladimiro Miranda from INESC Technology & Science, Portugal - 12th Dec 2019



5-member delegation from Guangxi Administrative College, China - 31st Dec 2019.



3-member delegation from Embassy of Japan - 26th Nov 2019

MoUs/ Agreements with Reputed Foreign Universities/ Institutes

1. University of Mauritius
2. Loughborough University UK
3. Edith Cowan University, Australia
4. American University in Cairo
5. L' Universite D Evry-Val-D'Essonne
6. Universiti Sains Malaysia

Alumni News



1 Distinguished Alumni & Service Awards

At the 50th Annual Convocation Ceremony, IIT Delhi conferred the Distinguished Alumni Award to Dr. Mohit Aron for outstanding contributions made in entrepreneurship, Dr. Srinivasan Keshav for outstanding contributions made in teaching & research and Mr. Binny Bansal for outstanding contributions made in entrepreneurship. Mr. Amarjit Singh Bakshi and Mr. Arun Duggal were honored with Distinguished Alumni Service Award for their contribution in the development and progress of the Institute.

3 Alumni Day (22 Dec 2019)

7th edition of the Alumni Day was celebrated on 22nd December 2019 with a focus on the theme of Leading IIT Delhi to the Pinnacle. It was a day filled with activities, entertainment and fun attractions. A spectacular cultural music program by the widely acclaimed rock band "Indian Ocean" followed by sumptuous food helped produce a relaxing ambience and ensured that the flagship event of IITD Alumni Association was a success. An IIT Delhi Alumni Day startup expo was also held where the alumni were given an opportunity to pitch their startup ideas, meet VCs and investors and get mentored by fellow IITD alumni.

2 Silver Jubilee Reunion (1995 Batch) 20-22 Dec 2019

IIT Delhi celebrated Silver Jubilee Reunion from 20-22 Dec 2019 for the Batch of 1995. The reunion was attended by close to 100 alumni along with their family members. The batch interacted with Prof V Ramgopal Rao, Director; Prof Sanjeev Sanghi, Dean AAIP and other faculty members of the institute. While addressing the alumni, Prof Rao highlighted the academic achievements of the Institute in the last few years and its future plans. He also urged the alumni to contribute to the Endowment Fund launched by IIT Delhi in October 2019.

4 Pearl Reunion (1985 Batch) 27-28 Dec 2019

IIT Delhi rejoiced two days of Pearl Reunion (Batch of 1985) from 27-28 December 2019. Alumni from all over the world joined the celebrations along with their families. The event began with department visits and showing the recent innovation leaps of the Institute. The reunion dinner was highlight of the event, where everyone cherished the golden memories of their youth with lip-smacking food. Prof Sanjeev Sanghi, Dean AAIP shared the story of IIT Delhi's evolution over the years, along with reconnecting with the alumni.

Major contributions made by alumni & others during Oct - Dec 2019

- Mr. Sachin Bansal - Rs 25 cr
- 1979 Ruby Reunion scheduled in Feb, 2020 - Rs 51.50 Lakh
- CERCA Chair - Rs 15 Lakh
- Baba Sant Nagpal Award - Rs 3.50 Lakh
- CSE Research Acceleration Fund - Rs 3.19 Lakh
- Tower Research Capital Scholarship Programme - Rs 2 Lakh
- Prof. Hongfu Zhou - Rs 1.71 Lakh
- Microsoft Scholarship - Rs 1 Lakh

Corporate Relations



Tower Research Capital India Scholarship Award - 6th Nov 2019

Tower Research Capital has collaborated with IIT Delhi to set up a merit scholarship for undergraduate students under Corporate Social Responsibility (CSR) Program. The objective of this initiative is to give Scholarship to undergraduate students entering their 3rd & 4th years. A scholarship of Rs.2 Lakh per student per academic year will be given to support tuition fees. They will be evaluated on their 2nd year and 3rd year performance to avail scholarship. Harish Yadav, a student of 2nd year from Computer Science & Engineering, is the first student to be awarded the Tower Research Capital India Scholarship.



Finland Day at IIT Delhi - 22nd November 2019

A delegation consisting of the Permanent Secretary - Ministry of Economic Affairs and Employment, the Ambassador Designate – Embassy of Finland, India, and other officials from Ministry of Economic Affairs and Employment, Embassy of Finland, and Ministry of Education and Culture and Business, Finland visited Corporate Relations Office to foster relations with IIT Delhi. A delegation representing the top 10 companies of Finland, namely City of Tampere, IQM Finland Oy, Reaktor, Ramboll Finland Oy, Quupa, Nokia, Kone and Fortum also accompanied the govt officials. The areas of technical collaboration included Imaging, Quantum Computing, Artificial Intelligence and Air Pollution. Along with industry partnerships, a discussion also took place with the University of Tampere to hold joint programmes with IIT Delhi.



Zoomcar Visit

Zoomcar India Private Ltd, India's largest self-drive car rental service company, is exploring an opportunity to collaborate with IIT Delhi. Their CEO Greg Moran, Senior Vice-President Hemanth Aluru, and Director of Decision Sciences Arpit Agarwal visited the campus on 3rd December, 2019, and interacted with faculty members. Discussions were held about their working model and the technical roadblocks they are facing in taking their organization to the next level of success.



Shell Visit

Shell has shown keen interest in the Research and Development activities at IIT Delhi. To solidify the relationship, the Vice President - Innovation Excellence (Sarah Potts), Vice President Digitalization & Vice President New Energies Technology visited IIT Delhi. Key discussion points were based on Energy Management (incl. Batteries, Fuel Cells, Island Grids), Computational Sciences (incl. ML/ AI), Carbon Management, Materials Science, Chemical Processes and Catalysis.



Huawei and IIT Delhi Collaboration Meet

Huawei is a leading global provider of information and communications technology (ICT) infrastructure and smart devices. Team from Huawei China visited IIT Delhi on 10th Dec'19 to further explore new and future area of research opportunity. Key areas discussed were autoML in machine learning and deep learning, AI-Enabled Database, Intelligent Storage, Big Data Platform, HPC, GPU Accelerator, Edge Computing, Distributed Computing and Intelligent (AI) Video Surveillance.

Important upcoming event: Nano 2020

As a precursor to India's biggest nanotechnology event 'Bengaluru India Nano 2020' conference is being planned at IIT Delhi. It will be held on 6th February 2020. The full-day event is planned to put forth the industry speakers' take on nanotechnology in various fields, as well as provide a platform for showcasing the relevant work done in IIT Delhi.



Sports & Culture

54th Inter IIT Sports Meet

The year 2019 has been a great year for the IIT Delhi Sports family. The institute clinched the first runners-up trophy in the 54th Inter IIT Sports Meet held in Kharagpur and Bhubaneswar. In addition to defending the podium finish, IIT Delhi also have the highest number of Best Player awards among all IITs, which is a feat to be proud of.

26th Inter IIT Staff Sports Meet

In the Sports Meet held at IIT Kharagpur, IIT Delhi staff contingent won the General Championship Trophy (Men) for the second year in a row. While the football, cricket and badminton teams (men) won gold medals, the lawn tennis team won bronze medal. The table tennis men's team secured top 4 finish and the women's team won silver medal. In athletics also the IITD contingent performed well with women athletes winning bronze in 100 and 200 mtr events.




Rendezvous '19

Three-day cultural fest Rendezvous was organized from 2nd - 5th Oct, 2019 in IIT Delhi. The cultural fest witnessed number of star performers. Be it poet Kumar Vishwas or renowned Bollywood singers Shankar-Ehsan-Loy, they all enthralled the audience with their superb performances.

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