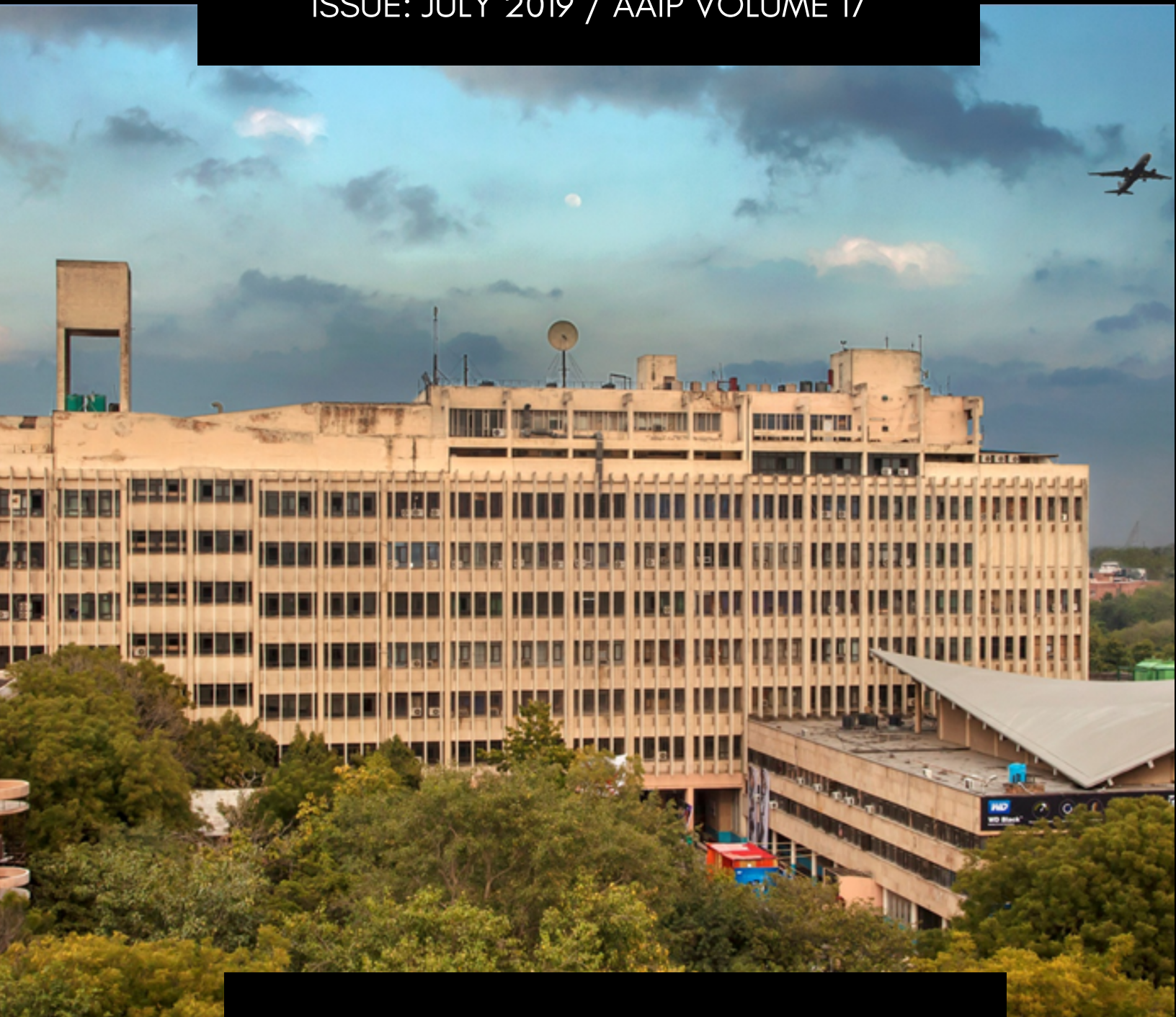




AAIP

ALUMNI AFFAIRS AND INTERNATIONAL PROGRAMMES
INDIAN INSTITUTE OF TECHNOLOGY DELHI

ISSUE: JULY 2019 / AAIP VOLUME 17



INDIAN INSTITUTE OF TECHNOLOGY DELHI

IIT Delhi organises Summit Meeting on "Globalization of IIT Delhi: New Opportunities for Higher Studies in India"



IIT Delhi organised a Summit Meeting on July 24, 2019 to promote international collaboration and exchange in the academic domain. Ambassadors, Education and Cultural Attache of 17 countries (Indonesia, Brunei Darussalam, Bangladesh, South Korea, Syria, New Zealand, Mexico, Argentina, Lithuanian, Gambia, Uganda, Namibia, Zambia, Gabon, Sweden, Hungary and the Czech Republic) were present for the summit meeting. The Summit was chaired by IITD Director Prof. V. Ramgopal Rao, who highlighted the importance of cultural diversity in the higher education institutes. He mentioned the steps taken by IIT Delhi to attract and admit more foreign students with a clear target of increasing their share to 10% of the total students. Earlier, Dean Alumni Affairs & International Programmes, Prof. Sanjeev Sanghi, welcomed all the dignitaries and introduced the Director, Deputy Directors and Deans. He thanked the diplomatic community for their support in achieving the IIT Delhi's objective and ensured all the possible help to the foreign students at IIT Delhi.

Dean Academics, Prof. Bhim Singh and Associate Dean PG Research, Prof. Shantanu Roy detailed out the support and benefits being offered to foreign students. They added that from this academic year all the foreign post graduate students would be charged a tuition fee equal to the domestic students. Additionally, they will also be eligible for International PhD Fellowship Program (IPFP), a scholarship specially designed for foreign PhD students. In order to achieve true internationalization.

IIT Delhi is also exploring ways to hire faculty for foreign origin. Dean Faculty, Prof. Sudipto Mukherjee highlighted the benefits and opportunities available to foreign faculty at IIT Delhi where the duration of the engagement can be short-term or long-term. The summit ended with the concluding remarks from Ambassador Pradeep Kapur, who had a major role in organising the summit.



Prof. Sanjiva Prasad named Editor-in-Chief of ACM Books

Professor and Head of Computer Science & Engineering Department, Dr. Sanjiva Prasad has been named the Editor-in-Chief of ACM Books, considered the world's largest computing society with over 100,000 members. Discussing his vision during the ACM interview Prof. Prasad said, "Given the nature of the ACM membership, I am also keen on developing books for working professionals—books that stay with one throughout a professional lifetime". He further added that he'd like ACM Books to have a closer relationship with the various ACM Special Interest Groups (SIGs) for publishing primers and monographs in current research areas. The goal would be to develop high-quality undergraduate texts that are internationally available and low-cost.

My Entrepreneurial Journey : Mr. Mohit Aron

Alumni Affairs & International Programmes recently conducted an interactive talk session with one of the most eminent alumni of the Institute, Mr. Mohit Aron. He is founder and CEO of the US-based Enterprise Storage Company, "Cohesity", and Co-founder and CTO of a billion-dollar enterprise Nutanix. He graduated from IIT Delhi in 1995, with a B.Tech degree in Computer Science Engineering. Cohesity was named "Next Billion-Dollar Startup" by Forbes and recognised as one of the Top 25 Disruptors of 2016 by CRN and lately among top 50 Disruptors by CNBC in 2019. Mr. Aron explained the significant factors which are the causes of failure for a majority of ventures and how to avoid them. An engaging and exhaustive Q&A session followed a brief exposition of the driving philosophy behind these billion-dollar ventures. In the end, Mohit himself got emotional about IIT Delhi and told the students to make the most of their time in the Institute no matter what their future goals might be.

IIT Delhi joins hands with five CSIR laboratories to promote cooperative research

- To promote cooperative research in various fields, IIT Delhi signed MoU with five reputed national CSIR laboratories organizations known in this field:
 - a. Advanced Materials and Processes Research Institute,
 - b. Central Scientific Instruments Organization,
 - c. Central Electronics Engineering Research Institute,
 - d. Institute of Minerals & Materials Technology, and
 - e. National Physical Laboratory of India.
- IIT Delhi plans to initiate 60 Interdisciplinary Research projects with the mentioned CSIR laboratories this year.

Solar powered hybrid rickshaws make debut on IIT-Delhi campus



Under one of its CSR initiatives the Enterprise Giant Central Electronics Limited (CEL) delivered 10 smart solar-powered hybrid rickshaws to IIT Delhi. These rickshaws will ply inside the IIT Delhi Campus. The handing-over ceremony on July 19, 2019, included IITD Director Prof. V. Ramgopal Rao, CEL CMD Mr. B. N. Sarkar and senior functionaries from both the institutes as chief guests. Apart from using the conventional pedalling, the rickshaws can run on electric power stored through the roof-mounted solar cells or charged through direct electricity. The technology applied includes a specially designed 300-Watt solar panel used by CEL to power the rickshaws, effectively doubling the distance that can be covered by a rickshaw. A fully charged rickshaw can be operated for 2-4 hours at night as well; this will not only increase the earning of the rickshaw pullers but also reduce their physical efforts in operating the rickshaw. The rickshaws are designed with improved ergonomics and with added safety features, such as reflectors and indicators.



IIT Delhi hosts Grand Finale of Smart India Hackathon - 2019 (Hardware Edition)

- IIT Delhi hosted the grand finale of the reputed Smart India Hackathon - 2019 Hardware Edition as one of the nodal centres between July 8 - 12, 2019.
- The event was inaugurated in New Delhi through video conferencing by Hon'able Union Minister for Human Resource Development, Shri Ramesh Pokhriyal Nishank, while the event was flagged off by Prof. V. Ramgopal Rao, Director IITD, at IIT Delhi's nodal centre.

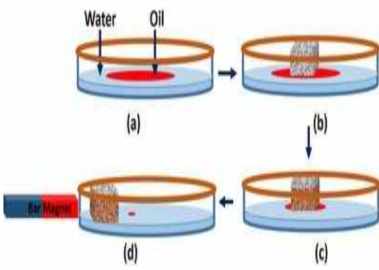
The Hackathon edition targets the problems in the domain of following areas:

- Agriculture & Rural Development,
- Food Technology,
- Waste management,
- Clean Water,
- Renewable Energy,
- Healthcare & Biomedical Devices,
- Smart Vehicles
- Robotics and Drones,
- Security & Surveillance,
- Smart Communication,
- Sports and Fitness,
- Sustainable Environment,
- Smart Textile,
- Smart Cities areas.

IIT Delhi design helps rural women in fabrication of beads

Rural Technology Action Group (RuTAG) at IIT Delhi took up a project in 2012 to improve the design of the "tulsi mala bead fabrication machine". Their effort has enhanced the machine's speed and made it more comfortable to operate. These machines have been a source of livelihood for hundreds of women in Rajasthan's Bharatpur district. One among them, Ms. Omwati, a woman entrepreneur from Bailara village, underwent training at an event in IIT Delhi where RuTAG presented the machines to Ms. Omwati and Ms. Salho Hembrom, Lupin Foundation's in-charge of women's empowerment programmes.





IIT Delhi researchers find "solution" to oil spills

- To minimize wastage on account of leakage of oil at macro level, a team of researchers at IIT Delhi have developed a hydrophobic material that can help in extracting the oil by separating the oil from the water.
- The material attaches with the oil molecules and turns magnetic, that is relatively easier to separate by magnetic fields.
- Oil spill accidents are becoming common and their ill impacts are well known. Prof. Neeraj Khare and his PhD student Sandeep Munjal at IIT Delhi have been working on the reusable and stable super-hydrophobic and super-oleophilic carbon based nanocomposites for efficient separation of oil from oil-water mixture.

Study: Pollution could be leading to shorter babies

- Giving cognance to health issue in present global scenerio, a recent study in Environmental Health volume focuses on the association of early-life exposure to ambient fine particulate matter among children and later health outcomes, such as height with age.
- Analyzed in DHS Survey, the height data was collected and matched with the air pollution data for more than 200,000 children under the age of five, born between February 2010 and December 2015.
- The finding states that $100\mu\text{g}/\text{m}^3$ increase in $\text{PM}_{2.5}$ during the month of birth results in 0.24 cm decrease in the height for a five year old girl.
- One of the co-author of the study, Dr. Sagnik Dey, Associate Professor, Centre for Atmospheric Sciences, IITD said that "This study adds to the evidence that air pollution also affects the health and development of the next generation".

GATE 2020 information brochure and exam dates released

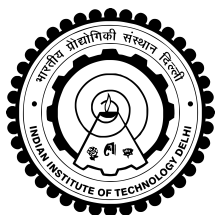
- Releasing the Information Brochure on GATE-2020, IIT Delhi which is organizing GATE 2020, declared the exam along with the dates of the exam.
- IIT Delhi, which is conducting GATE 2020, released the Information Brochure declaring the exam along with the dates of exam.
- The examination will be conducted on 1st, 2nd, 8th and 9th February, 2020 across the country and at international centres in Addis Ababa, Colombo, Dhaka, Kathmandu, Dubai and Singapore.
- The Computer Based Test can be taken in one of the 25 subjects and the scores will be valid for a period of 3 years. The scores are used in admissions in Post-Graduate programs in engineering institutes and in recruitment process of various PSUs.



MEMORANDUM/AGREEMENT OF UNDERSTANDING

Between

and



IIT Delhi



University of Victoria

University of Victoria



International Delegations received at IIT Delhi

A. Australian Trade and Investment Commission, Australia 17 July 2019

B. Shanghai Municipal Commission of Housing, China 17 July 2019

C. Khalifa University, UAE 31 July 2019

D. University of Auckland 31 July 2019

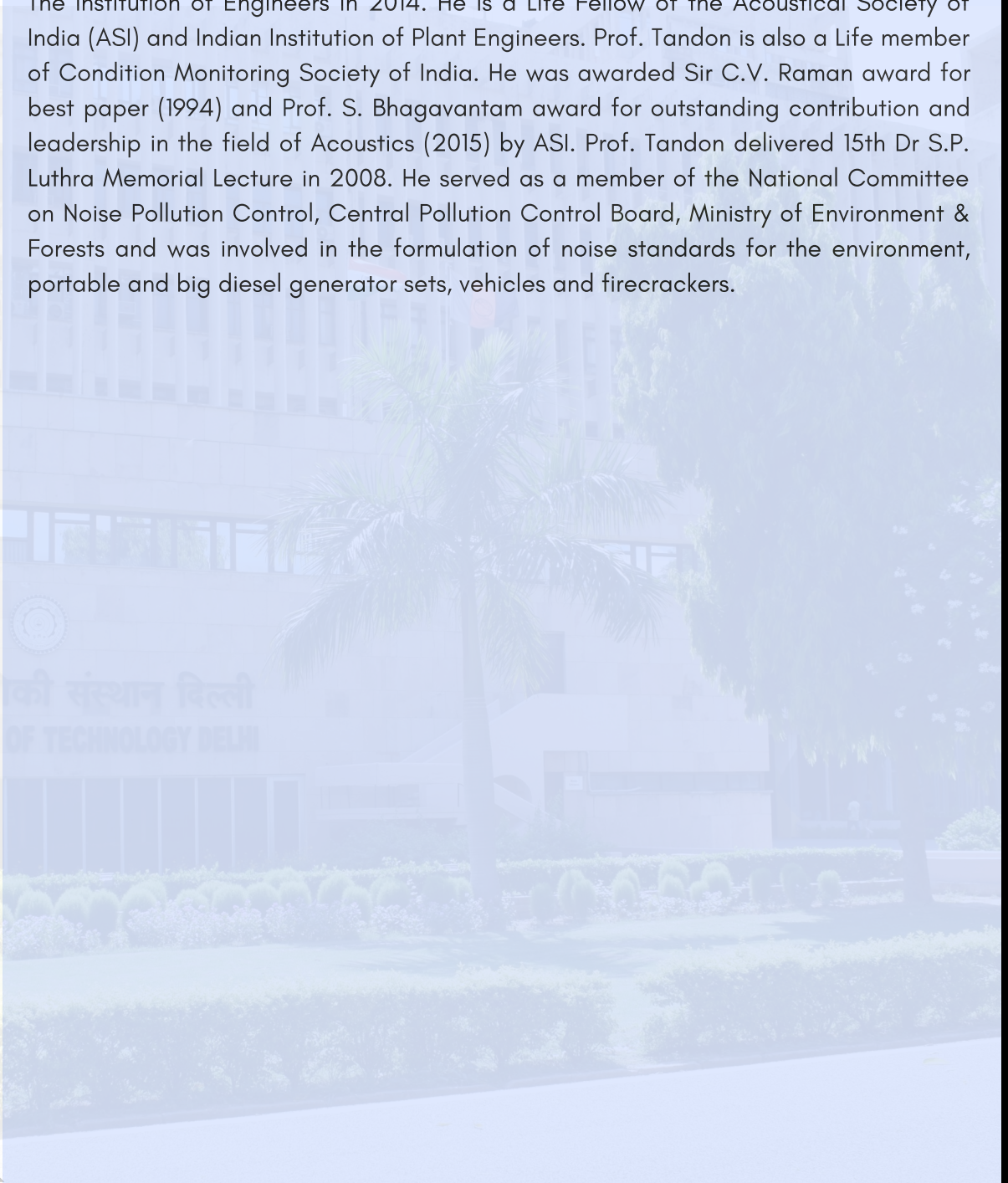
Faculty Superannuated in the month of July, 2019

Professor Naresh Tandon obtained his B.Tech.(Mechanical Engg.) Degree from Institute of Technology, BHU (1976) and PhD from IIT Delhi in 1991, specialising in noise & vibrations. He joined IIT Delhi in 1977 and became a Professor in 2005. Prof. Tandon was the head of Industrial Tribology, Machine Dynamics and Maintenance Engineering Centre at IIT Delhi from 2005 to 2012. He has more than 40 years of experience of working on research and industrial consultancy projects & teaching in the area of noise engineering and vibration monitoring. He recently published book Vibration and Noise Engineering for senior undergraduate and postgraduate students which is also useful for practising engineers. Prof. Tandon has completed 10 sponsored research and 85 industrial consultancy projects.

Prof. Naresh Tandon received NORAD (Norway) (1980-81) and British Council (1989), Fellowships. He was elected a Fellow of Indian National Academy of Engineering and The Institution of Engineers in 2014. He is a Life Fellow of the Acoustical Society of India (ASI) and Indian Institution of Plant Engineers. Prof. Tandon is also a Life member of Condition Monitoring Society of India. He was awarded Sir C.V. Raman award for best paper (1994) and Prof. S. Bhagavantam award for outstanding contribution and leadership in the field of Acoustics (2015) by ASI. Prof. Tandon delivered 15th Dr S.P. Luthra Memorial Lecture in 2008. He served as a member of the National Committee on Noise Pollution Control, Central Pollution Control Board, Ministry of Environment & Forests and was involved in the formulation of noise standards for the environment, portable and big diesel generator sets, vehicles and firecrackers.



Prof. Naresh Tandon
(ITMMEC)



Dr. Nalin Shinghal appointed as CMD, Bharat Heavy Electricals Ltd. (BHEL)

Dr. Nalin Shinghal, a proud IIT Graduate, has assumed charge of the post of Chairman & Managing Director on the Board of BHEL on July 08, 2019. He was selected for the post in December 2018 by Enterprises Selection Board (PESB), and ACC approved his appointment in June 2019. Dr. Shinghal received his bachelors in Electrical Engineering from IIT Delhi and a PGDM from IIM Calcutta. Dr. Shinghal has served as the CMD of Central Electronics Limited (CEL) since 2013 and was instrumental in the financial turn around of CEL. He served in the past as the Director, Tourism & Marketing at Indian Railways Catering & Tourism Corporation Ltd. He has had a 30 year long successful career with assignments in the Private Sector, Public Sector and Government organisations, namely Indian Railway Traffic Service (IRTS), CONCOR and Long Range Decision Support group of the Ministry of Railways.

Harinder Ahluwalia, alumnus of 1966, conferred the title of Fellow of the Canadian Meteorological and Oceanographic Society

On July 11, 2019 at the Palais des Congrès, Montreal, the Canadian Meteorological and Oceanographic Society conferred the title of Fellow Shri Harinder Ahluwalia, with the citation - "for his dedication to, and leadership of, environmental science in the private sector with links to academia and government and for raising the profile of CMOS nationally and internationally by reviving and passionately leading the International Forum of Meteorological Societies". He is an IIT Delhi alumnus of 1996 batch.



Global Innovation Index 2019 released: India Gains 5 Places

- India leads the Central and Southern Asia region with a global rank of 52 in the Global Innovation Index, released by Commerce and Industry Minister, Mr. Piyush Goyal in New Delhi on July 24, 2019.
- Former Dean & Professor of Management at Cornell University and the co-author of the GII, Soumitra Dutta (IITD, 1985), said, "While the Global Innovation Index ranks economies according to their innovation capacity and performance, it also provides valuable insights into the dynamics of global innovation."
- It highlights economies that excel in innovation and those that are more successful in translating investments in innovation inputs into innovation outputs. Lessons from these innovation leaders provide useful guidance on innovation policy for others". Dr. Dutta is also an alumnus of IIT Delhi.

Sachin Bansal invests ₹200 Cr. in Piramal Enterprises' debt

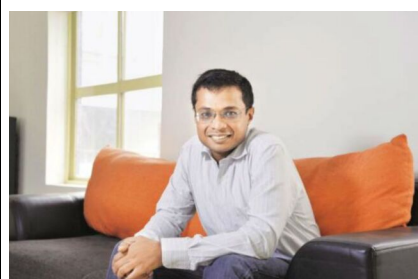
- Flipkart co-founder and IIT Delhi alumnus, Sachin Bansal recently invested INR 200 Cr. (\$29 Mn) in Ajay Piramal owned Piramal Enterprises in the form of non-convertible debentures with a repayment period of two years.
- Piramal Enterprises, the flagship company of the Piramal Group, operates in pharma, healthcare information management and financial services.
- Piramal Enterprises is expected to use these investments for its financial services business. Mr. Sachin has earlier invested \$32 Mn in electric vehicle start-up Ather Energy and \$92 Mn in ride-hailing giant Ola.

Grofers raises \$24.2 Mn From Its Singapore-Based Entity, Capital investment LLC

Online grocery delivery start-up, Grofers, founded in 2013 by IIT graduates Albinder Dhindsa(IITD) and Saurabh Kumar(IITB), raised \$14.2 Mn from its Singapore based entity Grofers International and another \$10 Mn from Abu Dhabi-based entity Capital Investment LLC in their ongoing Series F round fund raising activity.

1MG Raises \$70 Mn Series D Round Led by Corisol Holdings

- Healthtech startup, 1MG, cofounded by IIT Delhi alumni, Prashant Tondon and Gaurav Agarwal along with Vikas Chauhan, raised \$70 Mn in series D round, led by Corisol Holdings and IFC, World Bank's investment vertical.
- The company is expected to utilise the funds to expand its network of the diagnostic labs to 100 cities in India and take e-pharmacy services to Tier 3 towns and villages.



GIVE BACK TO IIT DELHI (JULY 2019)

1969 Golden Jubilee Endowment*- Rs.1.05 Cr.

1983 Pearl Reunion Endowment*- Rs. 75.91 L

1984 Pearl Reunion Endowment* - Rs. 62.35 L

1994 Silver Jubilee Endowment*-1.96 Cr

*Cumulative fund

Mudit Sharma Memorial Scholarship - Rs. 1.00 L

Suyash Chandra Memorial Scholarship - Rs. 2.50 L

Dr. Kewal Krishna Baveja Award - Rs. 3.0 L

SAVE THE DATE

1

SOCIETAL REINVENTION THROUGH TECHNOLOGY” WITH MR VINOD KHOSLA

August 09 2019

2

SILVER JUBILEE REUNION (1995 BATCH)

December 20-22 2019

3

ALUMNI DAY (1995 BATCH)

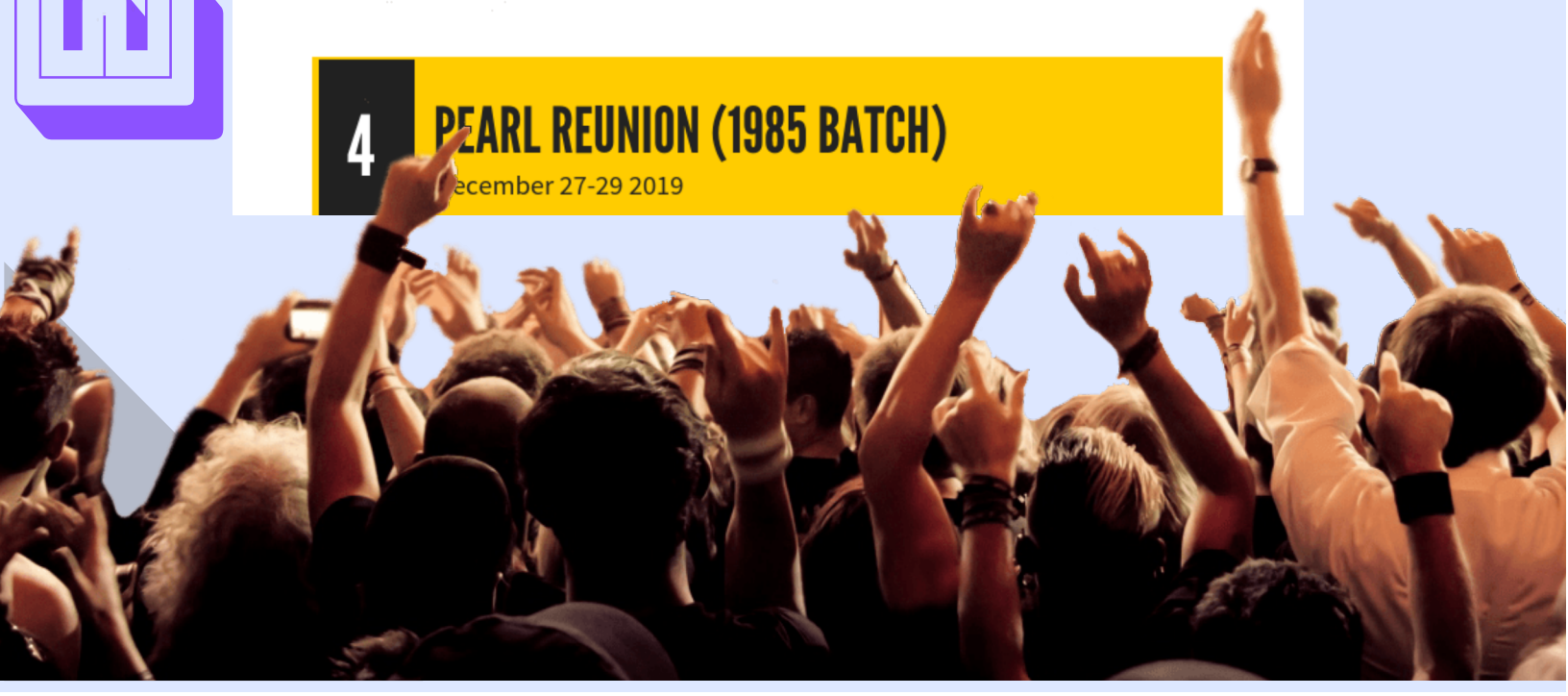
December 22 2019

4

PEARL REUNION (1985 BATCH)

December 27-29 2019

STEELE



How to give back to IITD

1. If you wish to donate in Indian Currency, these are the options:

NEFT/Wire Transfer/Cheque

| | |
|----------------|--------------------------------------|
| Account Name | DEVELOPMENT OFFICE IIT DELHI ACCOUNT |
| Account Number | 34105945646 |
| Bank Name | STATE BANK OF INDIA |
| Branch Name | IIT, HAUZ KHAS, NEW DELHI-110016 |
| IFS Code | SBIN0001077 |
| SWIFT Code | SBININBB547 |
| IITD PAN No. | AAATI0393L |

Cheque mailing address: Room No. AD 212, Dean (Alumni Affairs and International Programmes), Indian Institute of Technology Delhi, Hauz Khas, New Delhi - 110016, INDIA

2. If you are donating in Foreign Currency, these are the options:

(A) Through IITDEF in USA (Tax Benefit Available)-

| | |
|----------------------------|--|
| Bank: | Citibank N.A. |
| ABA : | 021000089 |
| Account # | 71023250 |
| Account Name and Address : | IIT Delhi Excellence Foundation, Inc. 571 Central Avenue, Suite 105 [11], New Providence, NJ 07974 |

Cheque mailing address: IITD Excellence Foundation
C/O Amit Kumar, 1070 Coleman Avenue,
Menlo Park, CA, 94025
Phone: +91- 011- 26591713
Email: deanaaip@admin.iitd.ac.in, iitdef@amitk.me

Tax Benefit

| Contributors | Allowed deductions | Sections/Classification of IRS | Link |
|--|------------------------|---|---|
| Individual (Indian Residents)/ Body Corporate | 100% | 80G of Income Tax Act, 1961. | http://alumni.iitd.ac.in/pdf/A.pdf |
| Body Corporate (Corporate Donations for stated objective/ Scientific research) | 150% | 35(1) (ii) of Income Tax Act, 1961. | http://alumni.iitd.ac.in/pdf/B.pdf |
| US Residents & Corporates | EIN/Tax ID: 30-0015317 | 501 chapter 3 classification of IRS.(IIT Delhi Excellence Foundation) | https://apps.irs.gov/app/eos/pub78Search.do?ein1=30-0015317&names=&city=&state=All...&country=All...&deductibility=all&dispatchMethod=searchCharities&submitName=Search |

(B). You can also directly wire transfer to IITD Account but in this case tax benefits of US will not be available:

| | |
|----------------|---------------------------------|
| Account Name | IITD Charitable Gift Fund |
| Account Number | 10773569063 |
| Bank Name | STATE BANK OF INDIA |
| Branch Name | IIT, Hauz Khas New Delhi-110016 |
| IFSC Code | SBIN0001077 |
| Swift Code | SBININBB547 |
| IITD PAN NO. | AAATI0393L |

Further Detail

http://alumni.iitd.ac.in/payment_options.html

Contact:

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