



**IIT KANPUR**  
Indian Institute of Technology Kanpur

# SAMVĀD

## INTERNAL ENGAGEMENT REPORT

JULY 2025



# MESSAGE FROM THE DEAN OF RESOURCES AND ALUMNI



Dear Colleagues,

It gives me great pleasure to share with you the first edition of our Internal Engagement Report—a snapshot of the key initiatives, success stories, and collaborative efforts led by the Office of the Dean of Resources and Alumni (DoRA) over the past quarter.

At the heart of our work lies a deep commitment to fostering meaningful connections—with our alumni, industry partners, donors, and most importantly, with all of you, the faculty, whose vision and dedication continue to shape the institute's journey forward.

This report reflects the growing momentum we are building together—whether through innovative resource mobilization, impactful alumni engagement, or collaborative programs that open new avenues for our students and departments.

We hope this update offers a glimpse into the evolving landscape of engagement at IIT Kanpur and encourages more such partnerships in the times ahead.

Stay tuned for many more exciting initiatives, opportunities, and events in the coming months. We look forward to your active involvement as we build on this shared momentum.

Regards,

**Prof. Amey Karkare**

# EVENTS

## SBI FOUNDATION

### SBI LEAP Innovators for the Bharat

SBI Foundation has partnered with IIT Kanpur to launch the "SBIF Innovators for Bharat: Innovation for Social Good" program with an aim to foster social impact through innovation-driven entrepreneurship. This 18-month structured incubation program will support 30 early-stage and growth-stage start-ups across three key domains Agri-tech, Clean-tech, and Healthcare with a dedicated 30% allocation for women-led ventures. The initiative will provide comprehensive mentoring, networking, and investment opportunities, including workshops and roadshows to amplify impact. A Steering Committee comprising representatives from IIT Kanpur, FIRST, and SBI Foundation will oversee start-up selection, monitor progress, and ensure transparency and independence in operations. Furthermore, a dedicated workspace branded with the SBI Foundation logo has been established within IIT Kanpur to house the program team. This collaboration marks a significant step toward enabling scalable social innovation in India.



# EVENTS

## RSK KALA GRAM

IIT Kanpur has launched KALA GRAM, a Design Development Centre at the Ranjit Singh Rozi Shiksha Kendra (RSK), aimed at preserving and revitalizing traditional crafts through innovation. The launch event featured key figures such as Prof. Manindra Agrawal, Director of IIT Kanpur, who emphasized the importance of empowering rural artisans. Other dignitaries, such as Prof. Amey Karkare, Dean of Resources and Alumni; Prof. Satyaki Roy, Department of Design; Prof. Sudhanshu S Singh, Co-PI's of the Design Project; Prof. Amarendra K. Singh, PIC Technopark@IITK; and Prof. Kallol Mandal, Department of Materials Science and Engineering, were among others.

Prof. Sandeep Sangal, Principal Investigator of the RSK project, highlighted the initiative's dual goals of providing free education and skill training to rural youth. Dr. Monika Thakur, coordinator of KALA GRAM, emphasized that the Centre will provide artisans with a space to experiment with new tools, techniques, and market trends, along with training in packaging strategies to boost product appeal. Rita Singh, Project Executive Officer of RSK, said that their goal is to revitalize these crafts by introducing new design developments, tackling the challenges artisans face, and adding fresh appeal to their products.

The Centre will focus on rejuvenating crafts like Bithoor pottery, Kalpi handmade paper, and Kanpur home furnishings through innovative design developments. This initiative backed by CSR funds from IPM India Wholesale Trading Private Limited, has also made a significant and positive impact on women's empowerment. Madam Anushree Lakshminarayanan, Director of External Affairs at IPM India, praised the project for its inspiring efforts in uplifting and empowering local artisans.



# EVENTS

## DoRA OPEN HOUSE

IIT Kanpur DoRA recently hosted a successful Open House, offering a deep dive into the growth and evolution of its programs, alumni engagement, and philanthropic efforts and explored how strategic partnerships, increased support, and ongoing contributions are helping shape the future of our institution and strengthen our global community.

Special guest, Dr. Surabhi Yadav, a renowned CSR consultant, led a thought provoking discussion on **“Making Impact, Driving Change: Academia’s CSR Partnership Beyond Compliance”**.

The session inspired students and dignitaries to rethink the potential of academia- industry collaborations. With enthusiastic participation from 19 departments and centers across the institute, the event was a resounding success. DoRA thanks Dr. Yadav for her insights and all participants for their energy and commitment. This marks the beginning of the journey towards deeper collaborations that go beyond compliance.

Stay tuned for updates on our initiatives and events!

## DEPARTMENT REPRESENTATION

The Office of DoRA, IIT Kanpur, extends a sincere thanks to all departments and centers whose participation made the recent Open House a resounding success. We sincerely thank the Departments of Mechanical Engineering, Computer Science & Engineering, Civil Engineering, Chemistry, Materials Science & Engineering, Electrical Engineering, Earth Sciences, Biological Sciences & Bioengineering, Department of Management Sciences, SPASE, NCFlexe, SIIC, CDAP, JTRC, Recruitment Cell, Outreach Cell, Campus School, Snehan, and Rozi Shiksha Kendra for their active engagement and support.



# NEW INITIATIVES



## IITK SAMANVAY Bridging Ideas and Impact

Get ready for the next chapter of innovation and collaboration! Samanvay 2025 promises to be bigger and bolder — bringing together thought leaders from industry, academia, startups, and government to co-create solutions for a rapidly evolving world. With focused tracks on sustainability, MedTech, AI, and digital transformation, this year's edition will spotlight breakthrough technologies and high-impact partnerships.

**Stay tuned for exciting announcements — speaker reveals, thematic sessions, and participation opportunities — coming soon!**

## PARWA - 2025

PARWA 2025 marks a historic moment as IIT Kanpur launches its first-ever exclusive reunion for Postgraduate (PG) alumni. While IITK has hosted memorable reunions for undergraduate batches, PARWA is a dedicated celebration to honor and reconnect with our vibrant PG alumni community from the institute's first five decades.

PARWA 2025 will feature special departmental visits, offering a unique opportunity to connect and engage with alumni, foster meaningful interactions, and showcase ongoing initiatives and achievements.



## M.A.G.I.K.

M.A.G.I.K. is IIT Kanpur's Monthly Alumni Giving Initiative, offering alumni a meaningful way to support their alma mater on a regular basis. This voluntary program is designed to empower future students and amplify the overall impact of the institute.

For the first time, M.A.G.I.K. has been expanded to include contributions directed towards various academic departments, allowing alumni to support specific areas of interest and deepen their engagement with departmental growth and priorities.

# NEW INITIATIVES

## VISTAR

### Visualizing Impact, Showcasing Triumph in Academics and Research

Through this initiative, we aim to spotlight the impact of DoRA-supported projects by curating powerful stories across academics, research, innovation, and community welfare. These narratives will help us celebrate achievements, highlight societal impact, and highlight the institute's core competencies--while also reflecting how alumni and donor support is driving meaningful change. We invite your support in identifying and sharing these inspiring stories.

We're looking to spotlight:



#### Faculty Led Activities

- Impact of DoRA-supported initiatives - Donor & CSR supported Research & Infrastructure projects.
- Departmental Achievements - Key milestones and Standout innovations.
- Community Initiatives - Stories demonstrating positive impact on society at large.

#### Student Led Activities

- Student Club Success Stories - moments that highlight student development, leadership, and campus vibrancy.
- Impact of DoRA-supported initiatives - including scholarships, travel grants.
- These narratives will serve as the foundation for authentic, emotionally resonant campaigns -- not just for fundraising, but to foster stronger alumni ties, deeper institutional engagement, and lasting pride in our collective journey.

# SUCCESS STORIES

## WADHWANI SCHOOL OF ADVANCED AI AND INTELLIGENT SYSTEMS

Wadhvani Charitable Foundation has agreed to Contribute a total funding of \$20 M for the purpose of establishing a School for advancing academics, research and innovation in Artificial Intelligence and Intelligent Systems, to promote education, strengthening India's leadership in AI and IS, and driving significant socioeconomic progress across the country and improving the quality of life for all residents through economic development, job creation, education, and other related activities that promote the public good.

This initiative has been made possible through the support of Wadhvani Foundation & Prof. Nitin Saxena, faculty in charge of Wadhvani School of Advanced AI and IS for facilitating the process.



## VRIEM CENTRE (Department of Chemical Engineering)

The initiative envisions a modern, state-of-the-art hybrid webinar and smart classroom designed to boost student engagement through interactive and flexible learning experiences. By integrating advanced telecommunication tools, it facilitates seamless global collaboration, enhances accessibility, and supports both lectures and research discussions. This upgraded infrastructure will not only promote inclusivity but also empower the department to meet evolving academic needs and cultivate a vibrant, future-ready educational environment.

This initiative has been made possible through the generous support of the Batch of 1983. We extend our sincere thanks to Prof. Salman Khan internal engagement member of the department, and Prof. Nitin Kaistha, Head of the Department, for their invaluable role in facilitating this effort.

# SUCCESS STORIES

## PEHEL FOUNDATION

### A CSR arm of PNB Housing Finance

The PEHEL foundation has partnered with IIT Kanpur with an aim to strengthen the surgical care ecosystem in the region by establishing a dedicated Surgical Block within the upcoming medical school and super-speciality hospital. This initiative seeks to address critical gaps in access to high-quality surgical care, especially in Kanpur and surrounding districts, by creating a comprehensive environment for surgical training, advanced patient care, and collaborative innovation.

This initiative has been made possible through the CSR support of PEHEL Foundation and Prof. Sandeep Verma faculty in charge of GSMST for facilitating the process.



## RAJEEVA LAHRI YOUNG FACULTY FELLOWSHIP IN ELECTRICAL ENGINEERING

This program aims to establish a Young Faculty Fellowship in Electrical Engineering at IIT Kanpur, with a preferred focus on Semiconductor and Photonics. The objective is to provide meaningful support and recognition to early-career faculty who demonstrate exceptional promise in their research areas. By offering financial assistance along with contingency support, the fellowship will enable young academics to accelerate their research and strengthen their academic trajectory during the critical early stages of their careers.

This initiative has been made possible through the generous support of Dr. Rajeeva Lahri & Mrs. Sangeeta Lahri. We extend our sincere thanks to Prof. Yogesh Chauhan, Head of the Department, Electrical Engineering for their invaluable role in facilitating this effort.

# SUCCESS STORIES

## BRIDGING HORIZONS THE CONFLUENCE OF TECHNOLOGY AND HUMANITIES

This initiative aims at integrating humanities into the educational journey of technologists, fostering well-rounded individuals equipped with empathy, analytical skills, and interdisciplinary thinking. By promoting the relevance of Humanities and Social Sciences, it prepares students to address complex global challenges. The initiative also includes the establishment of an endowed program, The Humanities-Technology Bridge: A Tribute to Prof. Mahajan & Prof. Dhanagare, to advance holistic education, research, and innovation at the intersection of technology and humanities.

This initiative has been made possible through the generous support of Mr. Srinath Anantharaman, along with the invaluable efforts of Prof. Shushruth Ravish, Internal Engagement Member of the HSS Department, and Prof. Pradip Swarnakar, Head of the Department, who played a key role in facilitating the process.

## BALRAMPUR CHINI MILLS LIMITED - BCML

This project supports the development of a Mechanical Recycling Calculator (MRC) that will evaluate key factors such as recovery rates, polymer degradation, contamination levels, and recycling efficiency. The calculator's outcomes will be validated using both industry data and experimental studies, ensuring its practical relevance and accuracy.

This initiative has been made possible through the CSR support of BCML and Prof. Vivek Verma faculty in charge of the project.

## PROF. VK SINGH LECTURE SERIES

Prof. Vinod K. Singh Lecture Series, is held biennially to honor an exceptional Indian scientist or faculty member recognized for their excellence in teaching and research. Named after Prof. Vinod K. Singh, an internationally acclaimed expert in synthetic organic chemistry and a recipient of the Padma Shri, the series reflects his enduring impact on science, education, and institutional leadership in India.

It will be a vibrant platform that brings thought-provoking talks on organic chemistry and related disciplines to a broad academic audience. Aimed at students, faculty, staff, and researchers, the series features eminent speakers—including scientists, technologists, entrepreneurs, and policymakers—who share insights on research, innovation, and life, fostering interdisciplinary engagement and inspiration.

Several meaningful initiatives have taken shape, creating lasting impact across the institute. A dedicated travel grant — the Prof. G.D. Agarwal Travel Grant — was instituted to support students of the Kotak School of Sustainability, enabling them to participate in national and international academic events.

In addition, more than five scholarships have been established, extending support across various departments. These include:

- **Prof. Kanwar Nalwa Memorial Scholarship**
- **V. Srinivasan Memorial Scholarship**
- **Class of 1974 Nurturing Brilliance Scholarship**
- **Inquisitive Mind Scholarship**
- **Jay Singhania Family Scholarship**

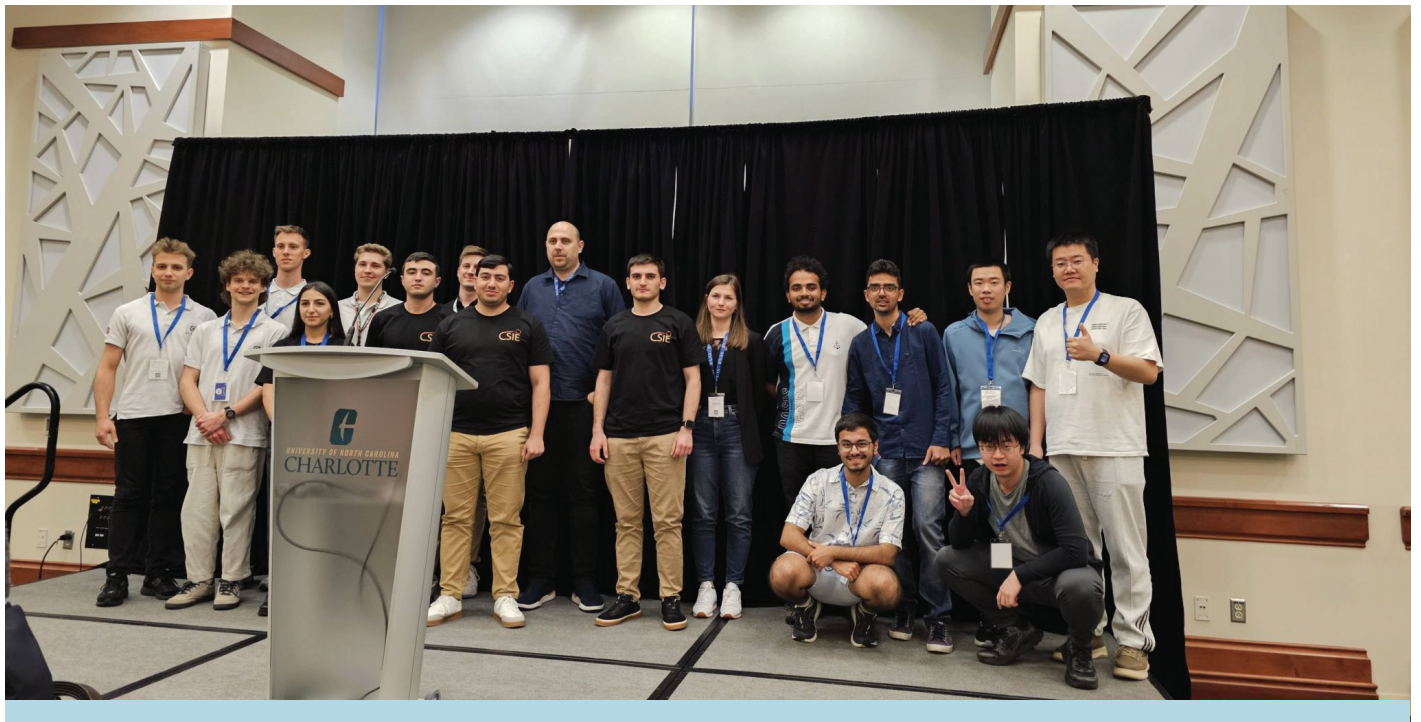
Each of these represents a commitment to nurturing academic excellence and empowering students to reach their full potential.

# SUCCESS STORIES

## THE INTERNATIONAL CONFERENCE ON UNMANNED AERIAL SYSTEMS (ICUAS)

It is a prestigious annual event focused on transformative UAV research. As part of ICUAS 2025, a global student competition challenged teams to solve the complex problem of Multiagent Connected Path Planning. Aerial Robotics team from IIT Kanpur excelled across all phases—from simulation to hardware implementation—ultimately securing 1st place globally in the final competition held at UNC Charlotte.

This achievement was made possible thanks to the generous support of the IIT Kanpur Outer Delhi Alumni Chapter and the invaluable guidance of Prof. Ketan Rajawat, Faculty-in-Charge of Aerial Robotics, who facilitated the entire process. Their support enabled the students to proudly represent India and IIT Kanpur on a prestigious international platform.



# CORPORATE VISITS

## TATA MOTORS

Dr. Ranga Srinivas Gunti (Head – Capability Building – PV & EV) and Ms. Sneha (DGM – Capacity Building) from Tata Motors visited the campus in June 2025, interacting with over 18 faculty members and a number of students across diverse departments including Electrical Engineering, Civil Engineering, Sustainable Energy Engineering, Aerospace Engineering, and Materials Science.

The team TATA Motors met with professors, where Tata Motors showed strong interest in partnering with IIT Kanpur to offer a curated PhD specialization to its top associates, potentially through a virtual or hybrid model. The program will maintain academic rigour aligned with IIT Kanpur's guidelines. Beyond the Sponsored PhD, TATA Motors is keen on broader capability-building interventions including short courses, certification programmes, online MTech programmes, and PhD talent recruitment.

Key themes of interest include: Reliability Engineering, Smart Manufacturing & Industry 5.0, Digital Twins, Power Electronics, EMI/EMC, Software Defined Vehicles, In-Vehicle Networks (Ethernet/6G), Battery and BMS for Electric Propulsion, ADAS & Connected Vehicles, Automotive Lightweighting, Cybersecurity (Automotive/Industrial), Sustainability, and Hydrogen Technologies (H2ICE).

Professors shared departmental strengths and collaborative possibilities. The visit also included lab tours and student interaction sessions.



# CORPORATE VISITS

## Output

Tata Motors expressed interest in capability-building initiatives like short courses, certification programmes, online MTech, and PhD specialization through a virtual and hybrid model.

Institute is actively exploring such initiatives, and a proposal for these programmes has been submitted for consideration by the Senate.



We extend our sincere thanks to the following faculty members for their valuable time and enthusiastic participation during the visit by Tata Motors in June 2025:

Prof. Anindya Chatterjee

Prof. Debpriya Basu

Prof. Mohit Law

Prof. Arvind Kumar

Dr. Tanim Hazra

Prof. Abhishek Sarkar

Prof. Amarendra Edpuganti

Prof. Aditya Medury

Prof. Bharat Lohani

Prof. Raghvendra Chaudhary

Prof. Y. N. Singh

Prof. Amarendra Singh

Prof. Shashank Shekhar

Prof. Sudhanshu Shekhar

Prof. Kaustubh Kulkarni

Prof. P. M. Mohite



# CORPORATE VISITS

## ANALOG DEVICES

In March 2025, a delegation from Analog Devices, comprising Mr. Srinivas Prasad (Director & Site Head) and Mr. Biswajit Mohanty (Technical Lead), visited IIT Kanpur to explore collaborative opportunities in the areas of semiconductors, intelligent systems, medical technologies, and smart sensing applications.

Key themes focused on exploring collaborations in translational medical technologies, advanced materials and semiconductor integration, and intelligent electronic systems. Discussions highlighted the institute's strengths in embedded systems, signal processing, VLSI design, and IoT-based innovations, aligning closely with Analog Devices' areas of interest and paving the way for future industry-academia partnerships.

### Output

Discussions are currently underway with the Department of Electrical Engineering at IIT Kanpur on potential collaborations in the areas of Smart Grid technologies and Robotics. The engagement aims to explore joint research, prototyping, and application-driven innovation.

We extend our sincere thanks to Prof. Sandeep Verma (GSMST), Prof. Nilesh Badwe (MSE), Prof. Ankush Sharma, Prof. Abhijeet Mohapatra, Prof. S. R. Sahoo, Prof. Twinkle Tripathi, and Prof. Abhilash Patel (EE), and Prof. Amitabha Bandyopadhyay (BSBE) for their valuable time and enthusiastic participation during the visit by Analog Devices.



# CORPORATE VISITS

## J. K. FENNER

A virtual meeting was held in May 2025, between JK Fenner leadership and faculty members from IIT Kanpur to explore collaboration in areas of sustainability, process optimization, and technology innovation.

From JK Fenner, the meeting was attended by a senior delegation including Mr. PGS Dinesh Davidson (Vice President), plant heads from Hyderabad and Sriperumbudur, and leaders from Technology, Development, EV segment, and Corporate CSR.

Key focus areas discussed:

- Recycling of product scrap/process waste into value-added materials to support circular economy goals.
- Water positivity strategies for plant operations.
- Automation for manpower productivity improvement and operational efficiency.
- Alternatives to phosphating processes in oil seal production to reduce hazardous waste.

We sincerely thank Prof. Manjesh Kumar Singh, Prof. Amarendra Edpuganti, Prof. Amarendra Kumar, Prof. Vivek Verma, and Prof. Kantesh Balani Head, Department of Materials Science and Engineering (MSE) for their valuable contributions.

The meeting laid a strong foundation for applied research collaboration, sustainable technology development, and industry-academia partnership.

# POTENTIAL COLLABORATORS

Several potential collaborators from industry and individual donors have expressed a strong interest in partnering with IIT Kanpur on impactful, innovation-led initiatives aligned with their priority areas. In response, faculty members across diverse departments have proactively submitted detailed concept notes outlining proposed interventions, technical expertise, and implementation strategies. These proposals underscore the institute's strengths in translational research and its commitment to societal impact, offering a solid foundation for co-developing scalable and sustainable solutions in collaboration with interested partners.

|                                                                                                                                                                                 |                                                                                                                                         |                                                                                                                              |                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>standard<br/>chartered</b>                                                                 |  <b>LIC HFL</b><br>LIC HOUSING FINANCE LTD             |  <b>JK Fenner</b>                          |  <b>TATA MOTORS</b>                                                       |
|  <b>LARSEN &amp; TOUBRO</b>                                                                    |  <b>DCB BANK</b>                                       |  <b>SIEMENS</b>                            |  <b>DXC<br/>TECHNOLOGY</b>                                                |
|  <b>INDIAN<br/>RAILWAY<br/>FINANCE<br/>CORPORATION</b><br>(A Government of India Enterprise) |  <b>TATA<br/>AIG<br/>INSURANCE</b><br>WITH YOU ALWAYS |  <b>हडको<br/>hudco</b><br>A NAVRATNA CPSE |  <b>हेफ़ा IHEFA</b><br>ENABLING EXCELLENCE<br>उत्कृष्टता को संकल्प कराना |

## ALUMNI ACTIVELY ENGAGED



**Mr. Rakesh Gangwal**  
(BT/ME/1975)



**Mr. Manish Chandra**  
(BT/CSE/1987)



**Mr. Rahul Mehrotra**  
BT/EE/1996



**Mr. Ashish Bhatia**  
BT-MT/EE/2010

## BATCHES ACTIVELY ENGAGED

**Class of 1978 | Class of 1983**

# FACULTY VOICES



**Prof. Nitin Kaistha**

Head of Department,  
Chemical Engineering



*The DoRA office has significantly strengthened our outreach by fostering valuable connections with alumni, industry, and funding agencies. Their support has led to the establishment of key facilities in the Chemical Engineering Department, including the Jeet Bindra Graduate Student Lounge, UOL Lab, and VREIM Centre, contributing meaningfully to the department's growth. We hope that their continuous support shall help our growth into the foreseeable future.*



*The DoRA Office started the Alumni Networking Initiative, which has been very helpful in creating strong connections with our alumni. The support from alumni, both moral and financial, has been important in turning ideas into action.*

*The DoRA Office successfully organized and managed all alumni visits and activities as part of this effort.*



**Prof. Raghvendra Choudhary**

Department of  
Electrical Engineering



**Prof. Ishan Sharma**

Department of  
Mechanical Engineering



*The DoRA office has been instrumental in strengthening IIT Kanpur's outreach and impact. Their proactive efforts in connecting us with alumni, industry leaders, and funding agencies have opened up meaningful avenues for collaboration and resource mobilization. By fostering transparency and creating structured engagement platforms, they have significantly bridged the gap between academia and external stakeholders.*



## Contact Us

---

Dean, Resources and Alumni

3rd Floor, Faculty Building Annex, IIT Kanpur - 208016

+91-512-259-7499/7289

[Officer1\\_ra@iitk.ac.in](mailto:Officer1_ra@iitk.ac.in) | [dora\\_desk@iitk.ac.in](mailto:dora_desk@iitk.ac.in)