ॐ सह नौ ववतु,  
सह नौ भुनक्तु ।  
सह वीर्य करवावहै ।  
तेजस्विना वधीतमस्तु,  
मा विद्रिषा वहै ॥  
ॐ शान्ति: शान्ति: शान्ति: ॥

Om, May the God protect us both  
(Teacher and Disciple);  
May the God nourish us both;  
May we work together with energy & vigour;  
May our learning be enlightening and fruitful.

Since generations, it is the shishya in constant reverence of the guru, and the gurukul.  
Today, IIT Kanpur would like to celebrate this 25 year old relationship of donating and giving.  
It is the patronage of its Alumni and Donors that our institute would like to acknowledge;  
the ones who have given back to their alma mater and otherwise as generous donors.  
Their support and contribution has touched and enriched many lives.

Like the sun flower paying obeisance to the Sun,  
they have looked with constant admiration and affection towards the institute.  
We wish to recognize their contributions, and this book is our way of saying Thank You.  
Your support is gratifying.

This book has been carefully crafted and contains sketched illustrations  
instead of regular profile photos of donors. It is our tribute to them, because we believe  
the illustrated artist portraits emphasize the humane values of their personality,  
and this is the ethos that we cherish today.
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Your donation is creating a positive change in IIT Kanpur ecosystem each day
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Thank you for your everlasting support & encouragement
Dear Friends,

Over the years, the alumni, donors, and well-wishers of IIT Kanpur have been an integral part of the growth of the institute. I am indeed proud to present कृतज्ञा - Kritajna to commemorate the generous contributions of our donors to the institute.

Our alumni and well-wishers have made lasting impact globally in science, technology, entrepreneurship, academics, and public life. While we rejoice and take great pride in the success stories of our alumni, who have achieved legendary reputations, we also deeply express gratitude towards those alumni and well-wishers who have contributed extensively through their philanthropy. Some of the iconic structures in the institute such as the H R Kadim Diwan Building, Rajeev Motwani Building, Park 67, Pioneer Batch Continuing Education Centre (PBCEC) are testimonies to the generosity of our alumni fraternity. Not only for the infrastructure, but various facilities for students’ activities and welfares, Faculty Chairs, R&D projects, and Incubation activities have been generously funded by our alumni.

All of you have always responded to our appeal for support. The last one year has been truly unprecedented time that we have witnessed. The Covid-19 pandemic has caused widespread disruption. In such distressing and uncertain times, our alumni fraternity and the well-wishers of our Institute stood in solidarity with us in helping our students, hostel & mess workers and other staff by generously donating in various fundraising campaigns.

We have had a strong ethos of academic scholarship and a strong foundation of academic excellence. In the recent years, our institute has made tremendous progress in research and innovation. Today, we have one of the largest and the most active innovation eco-systems with very promising incubate companies. Our faculty and students while being engaged in cutting-edge research and technology innovations have always responded to the aspirations and expectations of the society. All of us are proud that IIT Kanpur has played a pivotal role in achieving excellence in engineering education in the country. Continuing its tradition of bringing paradigm shift in education, we have launched an ambitious project of setting up “School of Medical Research and Technology (SMRT)”. It is expected that next generation research in healthcare will take place at the intersection of engineering and medicine. With strong foundations in science, engineering and technology, our institute is well poised to lead modern research in medical sciences. We are looking forward to your support for this disruptive project which can bring paradigm shift in medical education and research in the country.

As you are aware, we have setup Indian Institute of Technology Kanpur Development Fund (IITKDF) as a section 8 company under the Companies Act, 2013. The primary objective of the IITKDF is to provide a corporate and professional environment to effectively raise funds from alumni, corporates, trusts, foundations, and well-wishers, and to foster long-term and sustainable relationships with the patrons. I am confident that IITKDF will help deepen our bond further by bringing in much needed professionalism in fostering our engagement.

All of you will agree with me that in order to create flexibility and enhanced autonomy, we need to create a healthy corpus of endowment fund. We are looking forward to your generous support to significantly enhance, nurture and establish collaboration with the institute faculty and students. Once again with deepest gratitude, I hope you will continue to be actively engaged with the institute to help achieve our shared vision reflective of the collective ambitions of all of us.

Jai Hind!

Prof. Abhay Karandikar
FROM THE DEAN'S DESK

Our growth, success, and expansion are associated with every contribution made by our alumni and well-wishers. Your support in various initiatives of IIT Kanpur, such as creating new infrastructure, promoting specific research, providing scholarships to needy students, and social welfare activities, etc., have been instrumental in the success of our faculty and students. Further, you have played an invaluable role in establishing the Institute's image. Through your generosity, you have fuelled the research and product development, and promoted excellence in teaching activities. The impact created through your support reflects on the achievements of our faculty and students at the national and international levels.

Through your contributions, you also leave behind a legacy that inspires the young generation of IIT Kanpur students to do the same. The impact of your support is clearly visible in the many success stories of our students and faculty. The young minds of our Institute have benefited immensely in their research and academia through Tinkering Laboratory, IITK Motorsports, Humanoid Club, etc. Our students have participated in many national and international competitions and brought laurels to IITK. Scholarships have been a significant financial and moral support to many of our meritorious students who come from humble backgrounds. The support provided to our faculty in conducting research has produced ground-breaking results that have brought prominence and recognition to our Institute. Through your generosity, you become a partner in the brighter future of the Institute. We thank you for having faith in us and guiding us to reach new horizons. I look forward to your continued engagement with us to achieve greater heights and create an enriching environment that propels the growth of IIT Kanpur.

Yours Sincerely,

Prof. Jayant Kumar Singh

“The most truly generous persons are those who give silently without hope of praise or reward.”

Carol Ryrie Brink
Mr. N.R. Narayana Murthy
MT/EE/1969
One of the most illustrious and benevolent alumni of IIT Kanpur, Mr. Murthy is the Co-founder and was the Chairman of Infosys before retiring as Chairman Emeritus in 2011. Mr. Murthy began his career as Chief Systems Programmer at IIM Ahmedabad and later joined Patni Computer Systems in Pune. He started Infosys in 1981.

He has been listed among the 12 greatest entrepreneurs of our time by Fortune magazine. He has been described as the "father of the Indian IT sector" by Time magazine due to his contribution to outsourcing in India.

Mr. Murthy has been honoured with the Padma Vibhushan and Padma Shri awards. He was honoured with the Distinguished Alumnus Award by IIT Kanpur in 1998.

"The future of a nation rests on the strong shoulders of her higher educational institutions. IIT Kanpur has carried our nation's dreams and hopes on her shoulders this far. It is our duty to provide strength to her to carry even bigger dreams in the future. Contribute generously."

- Mr. N.R. Narayana Murthy.
IMPACT OF HIS GENEROSITY

THE FACULTY INITIATIVE-
The first faculty chair was set up by Mr. Murthy at IIT Kanpur namely N Rama Rao Chair to support work of the faculty members of Computer Science & Engineering Department.

“I am grateful to the Institute and the donor for maintaining N Rama Rao Chair. It is unique in the sense that it not only provides a fellowship but also a decent amount of research funding. This is a great way to encourage and recognize faculty who do excellent work.”
- Prof. Nitin Saxena, Department of Computer Science and Engineering.

INFRASTRUCTURAL INITIATIVE-

Prof. Manindra Agrawal, former occupant of the N Rama Rao Chair held this chair for a period of 15 years for his significant contributions to research & academia. In his words “N Rama Rao Chair is the first and most distinctive chair in the institute and I consider it a great honor to have occupied it for such a long period and I thank Mr. Murthy for creating this chair.”

Renovation and upgradation of various student Hostels and Visiting Faculty Apartments in the Institute including the construction of 4e Lab (Earthquake Engineering education & Extension)
Created H.R. Kadim Diwan Building which hosts the prestigious Computer Science & Engineering Department of IIT Kanpur.

**IMPACT ON ACADEMIA**

Yearly support is being extended to 17 Academic Departments & 5 Interdisciplinary programmes of the Institute. Travel Grant for attending National & International conferences, Catering to the substantial increase in the number of student applications who have limited resources, Cash awards to students for journal publications. Organizing invited lectures, seminars & talks with influencers to boost engagement, Support extended towards central library for buying books & procurement of digital resources.

**Computer Science & Engineering Department**

- Initiation grant, Fellowships and honorarium for New Faculty of CSE Department
- Research I foundation fellowship to PhD students.

**STUDENT INITIATIVE**

SURGE Program enhances the student - faculty alliance opportunities, inculcating the culture of research & interdisciplinary education in the new generation. Under SURGE program, undergraduate students from IITK and other participating institutions of our country, as well as overseas, SAARC countries come to IITK to undertake short duration, but focused research projects and push their intellectual abilities beyond those driven by the classroom.
Mr. Muktesh Pant
BT/CHE/1976
Mr. Muktesh Pant currently serves as a Senior Advisor at Beyond Meat. He is also the former CEO of Yum! Restaurants China. Besides his analytical incisiveness, Mr. Pant’s success in managing companies is known to be steeped in his social awareness, human understanding, and human relationships. His commitment to integrity and honesty is of utmost order and his unique style of functioning has been described in today’s business world as hands-on without interfering.

From 1976 to 1992, he worked in various executive capacities at Unilever in India and the United Kingdom and built a strong foundation in marketing and international business. From 1992 to 1994, he worked at PepsiCo in PepsiCo’s India startup. In 1995, he joined Reebok and helped Reebok to set up its operations in India for the first time. Mr. Pant became the CEO of Yum! Restaurants China on 18th August 2015. He is a long-time Yum! veteran. He brought his vast knowledge of best practices from around the globe and strategic, brand-building expertise to Yum! Restaurants China. Yum! is the leading retail developer in China with more than 7,100 restaurants in over 1,100 cities. During Pant’s tenure, Yum! targeted non-US markets heavily in response to the increased consumer spending on food in the developing world. He was conferred upon the Distinguished Alumnus Award in 2010 by IIT Kanpur.

“As a family we have been lucky and have saved more than we need. When the SMRT vision was presented, Vinita and I felt this was a great cause and we should stretch our resources to make a difference.”

- Mr. Muktesh Pant
IMPACT OF HIS GENEROSITY

THE LEGACY GIFT WILL CREATE AN IMMENSE DIFFERENCE-
The Micky and Vinita Pant Charitable Fund, founded by IIT Kanpur alumnus Muktesh Pant and his wife Vinita, signed an MoU with his alma mater to support the establishment of the School of Medical Research and Technology (SMRT). This is the first such donation towards the establishment and development of SMRT.

School Of Medical Research And Technology (SMRT)-
SMRT will be the first of its kind institution in the country with the potential to create an impact on society and economy at local, national, and global scale. Biomedical research and MedTech innovations thrive in the transdisciplinary ecosystem, however medical Institutions in India are mostly standalone, limiting the scope for innovations and resulting in very few medical professionals taking up research or entrepreneurship.

More About SMRT
IIT Kanpur proposes to establish 'Centers of Excellence (CoE)' on futuristic medicine as part of SMRT and a Super Speciality Hospital as an extension of CoE. The SMRT complex will be built over a 25-acre plot within IIT Kanpur campus. The total built-up area of SMRT will be over a million square feet. The first phase of the project focusses on establishing a Super Speciality Hospital, a separate oncology building along with necessary supporting infrastructure including engineering block, electricity substation and sewage treatment facility. The SMRT Super Speciality Hospital will be a 500-bed facility with nine core departments that will leverage the academic strength of IIT Kanpur to establish centres of excellence to pursue R&D in nine diverse areas. SMRT will have an overall constructed footprint of over a 4,50,000 sq. ft. The core clinical departments of SMRT Super Speciality Hospital include Cardiology, Gastroenterology, Neurology and Nephrology with their supporting surgical arms.
IIT Kanpur's vision to merge medicine and engineering will be achieved with the School of Research and Medical Technology. The institute is envisaged to be a one-of-its-kind medical school that would offer EnMed (Engineering in Medicine) programs wherein medical graduates will also be trained in engineering disciplines and vice versa to successfully bridge the technology gap and offer solutions to medical needs that are unique to India. We are sure that this path breaking centre would be a pioneer in terms of the manpower it would train at the interface of engineering and medicine.
- Prof. Abhay Karandikar, Director, IIT Kanpur

The introduction of the medical division will provide added impetus to the existing biomedical engineering department at IIT Kanpur. This will further add value to the research capabilities in both medicine and engineering and the workforce trained at the centre will have the ability to revolutionize healthcare in India.
- Prof. S. Ganesh, Deputy Director, IIT Kanpur

Shivani Centre For The Nurture And Re-integration Of Hindi And Other Indian Languages
"The most important influencer in my life was my mother, and the thing about her was that she was a good writer and she spoke many languages, Gujarati, Bengali, English and Hindi. She studied in Shantiniketan and she had a lot of pride in Hindi and always wrote in Hindi and taught us to respect the language." Mr Muktesh Pant talks about the motivation behind setting up the Shivani Center for the Nurture & Re-integration of Hindi and other Indian Languages at IIT Kanpur. He believes that there is no more satisfying experience than giving back, especially to your old college, which has given you so much.

With generous support from Muktesh Pant, we are proud to set up the Shivani Centre for the Nurture and Re-Integration of Hindi and other Indian languages to provide opportunities to language disadvantaged students for seamless integration with the socio-academic milieu of the institute. The Centre will ensure the availability of the course content in regional languages to overcome the challenge of restricted job opportunities at the end of the academic program. The Centre is expected to bring about a paradigm shift in educational practices. It will ensure seamless integration of Hindi and OIls background students at the institute and will fulfill the objectives laid out in National Education Policy (NEP) 2020.
“It takes generosity to discover the whole through others. If you realize you are only a violin, you can open yourself up to the world by playing your role in the concert.”

- Jacques Yves Cousteau
“An institution of higher education is a partnership among students and alumni, faculty and administrators, donors and trustees, neighbourhoods and more, to build a community - and a culture.”

- Ben Sasse
Mr. Sudhakar Kesavan  
BT/CHE/1976

Dr. Chandrakanta Kesavan  
(1918-2004)
After graduating with a B.Tech. Degree in Chemical Engineering, Mr. Sudhakar Kesavan went on to complete his PGDM from IIM Ahmedabad and an M.S. from the Technology and Policy Program at MIT. He served as Chairman and CEO of ICF International Inc. (www.icf.com) for over 20 years. With over 7000 employees, ICF is one of the world's largest specialty consulting firms specializing in four broad areas: energy and environment, health and social programs, disaster management, and digital transformation and technology services.

He serves on the Boards of several non-profits and corporations in the United States. For his entrepreneurial excellence, in 2010, Mr. Kesavan was conferred with the Distinguished Alumnus Award of IIT Kanpur.

Dr. Chandrakanta Kesavan's life is an inspiration to many Indian women not only in the domain of Science and Technology but also in other spheres. She earned her PhD in Acoustical Physics from Allahabad University in 1938. One of her viva-voce examiners for her dissertation was the Nobel Laureate Sir C.V. Raman.

Dr. Kesavan served All India Radio for most of her career. She was also a Fulbright Scholar and worked at MIT, Cambridge. She also served on the Board of Governors of Indraprastha College for Women, Delhi, for more than three decades.

“I owe a large debt of gratitude to IIT Kanpur. The five years I spent at IIT Kanpur were an extraordinary experience in every way. The educational experience was enriching, the faculty was extraordinary and the bonds of friendship with my classmates are as strong today as they were then. I am honoured to be a part of the Institute’s endeavors in creating impactful initiatives to tackle the climate change. I believe that the Chandrakanta Kesavan Centre for Energy Policy and Climate Solutions will add a fresh dimension in policy, communications, education and outreach efforts so that technology and science-based solutions can be effectively implemented in society. I believe that the Centre will be the preferred space for those seeking solutions and advice on matters related to energy technology, adoption strategies as well as policy and climate issues pertaining to decarbonization.”

- Mr. Sudhakar Kesavan
IMPACT OF HIS GENEROSITY

Chandrakanta Kesavan Center for Energy Policy and Climate Solutions has been established at IIT Kanpur with a generous gift from Mrs. Alka and Mr. Sudhakar Kesavan to assist policy makers with practical solutions to the problems of climate change. India as a signatory to the Paris Climate Agreement will need to develop, adapt and implement technologies to reduce emissions and grow sustainably. The Centre is named in the memory of his mother Dr. Chandrakanta Kesavan which will spearhead the development of technology and policy solutions to help India and the world combat climate change.

OBJECTIVES-

- To spearhead energy and climate policy solutions to help India address climate change related problems

- To emerge as a platform for bringing together eminent academics, technologists, researchers and policy makers to discuss and address energy policy and climate issues.

- To strengthen and promote outreach, communication, grassroots engagement in the areas of energy policy and climate change issues.

- To help the IIT Kanpur campus to become carbon neutral.

Focus Areas

Focus Areas (A) Energy and Climate Policy Research, Education and Outreach The Center will conduct education, research and outreach relevant to energy policy and climate issues. Emphasis will be on research correlating renewable and alternate energy technologies with the economic, regulatory and policy implications of climate change.

Focus Areas (B) Energy Technology Development
Decarbonizing the economies of India and rest of the world well ahead of impending climate disaster requires the rapid transformation of research ideas into feasible technological solutions. Hence, in this second crucial area related to energy technology development, the Center will emphasize the development of low-carbon technologies, particularly cutting-edge technologies with research potential, driven by new and disruptive ideas.

Focus research areas are:

- Next-generation solar photovoltaic materials and devices with low cost yet high performance.

- Materials and new chemistries for batteries, charging utilities and infrastructure and their implementation in EVs.

- Clean fuels, with emphasis on hydrogen as a next generation fuel.
IIT Kanpur To Be Carbon Neutral

The Center will spearhead IIT Kanpur’s commitment to being carbon neutral. This will allow IIT Kanpur to be showcase testbed for transition to a low and eventually zero carbon campus. This will entail studies related to in-campus electricity consumption, conservation and management (primarily for lighting and cooling), mobility or transportation, water and waste recycling, followed by policy intervention and implementation. This activity will yield several projects that can be undertaken by undergraduate and graduate students. It will raise the visibility of IIT Kanpur and will make it a leader in the effort to help India reduce its emissions as it attempts to adhere to the Paris Accords. The practical experience gained by IIT Kanpur in making itself carbon neutral will be helpful in building credibility for the effort nationwide.

Prof Abhay Karandikar, Director, “In the light of growing importance of sustainable energy and climate change, this center will promote and develop appropriate technology and policy solutions to help India and the world combat address challenges in energy and climate change. The Centre’s broader aim is to develop low carbon solutions, provide the knowledge to build an appropriate policy framework, and engage with various stakeholders to help mitigate the challenges caused by the climate change, towards attaining a sustainable living. The Center will also act as the resource hub for policy makers and technologists.”
Prof. Chandralekha Singh is an Indian-American physicist who is a professor in the Department of Physics and Astronomy at the University of Pittsburgh and the Founding Director of the Discipline-Based Science Education Research Center. Prof. Singh obtained her BS and MS degrees (5 year integrated MSc.) in physics from the Indian Institute of Technology (IIT), Kharagpur, India, in 1986 and 1988, respectively. She obtained her M.A. and Ph.D. in Physics from the University of California Santa Barbara in 1993 for conducting research in condensed matter theory. After her Ph.D., she was a postdoctoral Fellow at the University of Illinois Urbana-Champaign before moving to the University of Pittsburgh in 1995.

Prof. Jeremy Levy is a Distinguished Professor of Condensed Matter Physics at the University of Pittsburgh in the Department of Physics and Astronomy, and Director of the Pittsburgh Quantum Institute. He received an A.B. degree in physics from Harvard University in 1988, and a Ph.D. degree in physics from UC Santa Barbara in 1993. After a postdoctoral position at UC Santa Barbara, he joined the University of Pittsburgh in 1996.

"We believe in a world where everybody has the opportunity for good education regardless of their background because education is the key to ensuring that everybody is able to contribute their best to society."

- Prof. Singh
INFRASTRUCTURAL INITIATIVE:
Constructed the New Opportunity School building. This building was inaugurated in February 2020 and named it in the memory of Dr. Singh’s father, Shri Harihar Prasad Singh. Opportunity School was established in 1967. Its purpose is to provide affordable quality education to wards of economically weaker sections of IIT Kanpur’s extended family. These individuals are not necessarily on IITK’s payrolls, but are nevertheless integral part of IITK community as daily wage workers, domestic worker, rickshaw pullers etc. The school has been recognized up to class 8 by the UP Board of Education.

From Vision To Reality: A Gift Of A Lifetime:
Prof. Singh has always dreamt that every person of the society gets the opportunity to acquire a good education, whether he/she hails from a family background which is financially strong or weak. In this direction, she got familiarized with Opportunity School, which is situated inside the campus of IIT Kanpur and its craftsman Professor Harish Chandra Verma.

The school has been catering to the upgradation and upliftment of economically weaker children for the last few decades by offering basic primary education. It is said that your beliefs become your thoughts, your thoughts become your words, your words become your actions, your actions become our habits, your habits become your values and your values become your destiny. Opportunity School now has its own building and the students coming from economically weaker sections get education from class first to twelfth.

The new school building is equipped with science laboratory, library, computer laboratory and a multi-purpose activity room for art & craft and music. The school currently has nine classrooms, a staff room and a principal’s room. The school emphasizes on the overall development and holistic growth of a student; the school management has adopted several new teaching methodologies.

Students are taken on frequent trips to nearby areas where classes are held outdoors. They are encouraged to participate in competitions like reading, poetry recitation, Sanskrit quiz etc., acquire computer skills, use an interactive science lab, and learn book craft and home science.
Ms. Asha Jadeja Motwani  
(Wife of Prof. (Late) Rajeev Motwani)

Prof. (Late) Rajeev Motwani  
BT/CSE/1983
Ms. Asha Jadeja is a Silicon Valley-based venture capitalist who has invested in over 200 technology startups in the Bay Area. As an entrepreneur herself, her investing philosophy is designed to ignite young entrepreneurs into becoming disruptive change makers. All of Asha’s venture and philanthropic initiatives in India have been designed to help the nation break free of this cycle of poverty. Asha created MITLI as an advocacy platform designed to drive policy changes in India.

A firm believer in the power of grassroots socio-economic movements Asha created MakerFest in 2013. A powerful network of makers and innovators that proactively problem solve for their own communities. MakerFest is now prolific in Africa, India, and more recently in Brazil. She created India’s first network of dozens of Fablabs designed to spark a just in a time manufacturing environment in India.

With help from Prof Sugata Mitra, Asha also set up India’s first self-supported School in the Cloud in Ahmedabad. This has now grown to over 60 locally managed and sustained “schools in the cloud” within South Asia.

Asha is a prolific thought leader rooted within the milieu of Stanford, UC Berkeley, Google, Hoover Institute, Council on Foreign Relations, and Brookings USA. She is a limited partner in over 20 Bay Area venture funds, Acumen Fund NY, and Kawasafi Fund, Africa. As a prolific collector of Indian art, Asha is currently engaged with Stanford University Cantor Art Museum in bringing top Indian artists into a global forefront.

Prof. (Late) Rajeev Motwani did his B.Tech in Computer Science and Engineering in 1983 from IIT Kanpur, after which he went to the University of California, Berkeley for his PhD in 1988. Prof. Rajeev then joined the faculty of the Department of Computer Science at Stanford University.

He had been honoured with several awards like the Bergmann Memorial Award from the US-Israel Bi-National Science Foundation (1993), the Gödel Prize (2001), and the Distinguished Alumnus Award from the Indian Institute of Technology Kanpur (2006) and many more.

He was a legendary figure in Silicon Valley. He was an early investor and technical advisor for many ventures, and mentored dozens of young entrepreneurs.

“
IIT Kanpur provided the intellectual environment necessary for brilliance to arise out of young Rajeev Motwani. We are deeply honoured to have helped create the new CS building designed to spark entrepreneurial interactions. IITs are a spring board to many creative endeavors. They must be supported generously.

- Ms. Asha Jadeja
INFRASTRUCTURAL INITIATIVE: RAJEV MOTWANI BUILDING

Ms. Jadeja gifted a gem in the crown of IIT Kanpur to mark the 49th birth anniversary of her late husband Prof. Rajeev Motwani. The building houses the Department of Computer Science and Engineering and houses various activities for nurturing entrepreneurship and innovation in the areas influenced by Prof. (Late) Rajeev's work.

The Motwani building is a six-storey building with a floor area of 3,650 square meters. It is designed by architects Messers Kanvinde, Rai and Chowdhury (New Delhi). The building has been structured in a way which integrates with the existing H.R. Kadim Diwan building and uses the expansion as an extension of the existing building. It provides ample flexibility in the usage of space. Optimized glazing in work areas offer sufficient daylight, the use of earth air tunnel reduces the air-conditioning load and the insulated glass minimize heat gain thus creating an energy efficient facility. There is a good possibility of vertical expansion in terms of adding more floors in future.

The building was envisaged as a high-rise structure which was used as a backdrop to the existing CSE low rise building. Use of stilted areas provide visual linkage and relief and the congregational spaces such as seminar and meeting rooms are provided with independent access and connectivity to the existing classrooms. Its structure facilitates flexibility in the use of independent access and connectivity to the existing classrooms.
FACILITIES:

- 200 seater classroom for students
- Student lounges in every floor where students can collaborate and discuss research, studies and outreach, interactive waiting spaces
- Faculty offices of about 200 sq ft each & spacious student labs for M.Tech/MS and PhD students
- A spacious meeting room for faculty gathering, seminars, workshops and academic events with a capacity of 40 people
- Motwani Incubator & Accelerator for fostering entrepreneurship and innovation
- Room for printer/UPS/lab staff at each floor and a server room of 500 sq ft
Dr. (Late) Ranjit Singh  
BT/MME/1965  

Ms. Martha Carreno
Dr. (Late) Ranjit Singh was born in Arsun Bangar, UP, in 1942, the second of 4 children. His loving parents were not able to afford his education and he was destined to care for the family’s cattle. His curiosity for materials started at a very early age when a child in his neighbourhood brought a piece of chalk from school and used it to write on trees. At 7 years of age, Dr. Singh made one of the most important deals of his life. He convinced his uncle to trade time tending the family's cattle. He told his uncle "I will take care of your cows for two days and you do the same for me and that way your son and I can both go to school." A win-win deal that could not be turned down.

At an early age, he recognized that education would open doorways to opportunity which would otherwise be unattainable to a boy in his village. He was very studious and disciplined and his teachers recognized his brilliance and dedication. His academic achievements earned him scholarships from there on.

He attended IITK and graduated in 1965. While studying at IITK, he was inspired by Nehru’s book GLIMPSES OF WORLD HISTORY, which profoundly shaped his world outlook. He spent much of his life seeking ways of creating a more equitable economic system. After graduating from IITK in 1965, he sought to further his education in Cambridge, Massachusetts. At MIT, he received his PhD in Materials Science.

He worked in California’s Silicon Valley and New Jersey before creating his own company as a pioneer of cubic zirconium. With his business success established, his vision was to couple U.S. technology with skilled Indian labour, and create a cubic zirconium cutting factory near Kanpur to promote development and prosperity where he had his roots. The Indian government, however, directed his company to open their factory in the Kandala Free Trade zone in Gujarat.

“This is the vision that Ranjit had. RSK was what he talked about for the last ten years of his life. He had plans to help people who were impoverished.”

- Ms. Martha Carreno
He identified a big gap between the technology developed by educational institutions and its application to improve the everyday quality of life of most citizens. IITK committed to deliver his project to define a cost-effective sustainable village, prove the concept, improvise it, and replicate the same across India and other developing nations. His ideal village is equipped with education, housing with electricity and running water, 2-year-technical training after high school, and 2-year-job security after training. This major project requires more contributions to build into this common cause to provide education and jobs for all. To this day, the boys from his village, Arsun Bangar, still have to walk 12 km each way to go to the closest school. The girls are not as lucky; their destiny as home makers is defined by their gender at birth and they are not sent to school.

His Recent Contribution: Rozi Shiksha Kendra An Institute project set up to reach out to the nearby villages and contribute towards the employability of rural youth. Dr. Singh generously donated for Ranjit Singh Chair and towards construction of a 3000 sq feet building for Ranjit Singh Rozi Shiksha Kendra and for meeting out the expenses to achieve the project goals.

Objectives of Rozi Shiksha Kendra
- Guarantee of universal free education up to 2 years of vocational training
- Restrict scholarship to poor or lower middle-class students
- Universal job guarantee for everyone whoever wants and needs it
- Setting up of transformative Model Villages
Rozi Shiksha Kendra (RSK) team set up a demonstration farm of improved irrigation method in village Baldevpurwa. On 4th June 2019, a new and Improved Drip Irrigation System got commissioned.

STUDENT INITIATIVES:
6 student scholarships namely Guru ji Ghasit Ram Scholarship, Khem Chandra Yadav Scholarship, Neta Ji Balwan Singh Scholarship, Ramesh Chandra Yadav Scholarship, Sarpanch Salik Ram Katiyar Scholarship and Yashoda Yadav Scholarship were established by the kind generosity of Dr. Singh to support meritorious and needy students from various departments. About 150 students have been proud recipients of these scholarships since their institution. These scholarships have been easing the financial burden of scholarly minds and paving their way to be successful in their pursuit of academic excellence.

FACULTY INITIATIVES:
Ranjit Singh Chair-Faculty Chairs promote the recruitment and retention of some of the excellent faculty members worldwide. They are supported and rewarded in their work thus fostering their professional development.

- Sustainable Agriculture - RSK is making efforts to promote sustainable agriculture through restoring local ecologies and promoting natural food
- New constructed building of RSK at Air Strip, IIT Kanpur
- The RSK building construction has been completed
- Trainees getting trained, and taking part in exhibition
- Creating a cadre of skilled manpower and generating work opportunities are the focal themes of RSK. In line with the Sustainability Development Goal, our aim is to ensure sustainable economic growth with highly skilled manpower and productive work for all.

Thanks to the donor for generosity. This allows me to endeavour into scientific world of multicomponent material, which I find rewarding

-Prof. Krishanu Biswas, Department of Material Science and Engineering
An Indian American researcher and an entrepreneur. After completing his B.Tech from the Department of Electrical Engineering, IIT Kanpur in 1970, he went on to pursue PhD in Electrical Engineering from Carnegie Mellon University, USA. On completing his doctorate, Dr. Goel joined IBM's EDA organization where he developed PODEM Automatic test pattern generation & Verilog hardware description language, one of his most famous works. He was honoured with the Distinguished Alumnus Award by IIT Kanpur in 1999.

The acquisition of my first company, in 1990, generated substantial wealth for my family, for the team, and the investors. As my family and I pondered over our good fortune, the question that came up repeatedly was - what are we meant to do with the wealth that has been bestowed upon us. As we thought about it, the moral imperative became more compelling, and we started to visualize our wealth as something for which we were only custodians and not really owners. Why – when we pass on, we take nothing away with us – we came empty handed, and we leave empty handed. How we made a difference with our wealth to those around us was clearly the way we should measure our success as custodians as we looked back over our lives. As you think about it, consumption of wealth by oneself gives us fleeting pleasure while an act of helping others begets almost timeless happiness - even Confucius the great said so. This also makes a strong case for "giving while living" rather than waiting to give at the end."

If you want happiness for a year, inherit a fortune. If you want happiness for a lifetime, help someone else.

– Confucius
IMPACT OF HIS GENEROSITY

FACULTY INITIATIVE:
Dr. Goel instituted 3 faculty chairs named Poonam & Prabhu Goel Chair wherein 13 eminent faculty members were honoured.

I gratefully acknowledge that this chair professorship helped me to enhance my research activities by bringing 4 research grants of worth more than INR 4.5 crores. During this period, I published a graduate level textbook on Intelligent Control of Robotic Systems by CRC Press, I was instrumental to bring IEEE Conference of Robot Human Interactive Communication to India for the first time for which I was also the technical program chair.
- Prof. Laxmidhar Behera, Department of Electrical Engineering

I express my deepest gratitude to the donors for recognizing my contributions through this Chair Professorship. This is a big inspiration for me to continue to make contributions to science and technology.
- Prof. Mainak Chaudhari, Department of Computer Science and Engineering

It's an honour to hold the Poonam and Prabhu Goel Chair. This recognition will further fuel my drive towards greater heights in academics & research and to translate the ideas into reality.
- Prof. Jayant Kumar Singh, Department of Chemical Engineering

STUDENT INITIATIVE:
Dr. V. Rajaraman Scholarship-A yearly scholarship of Rs. 50,000 is given to a 4th year B. Tech student of Computer Science and Engineering department. Since 1997, around 26 students had been awarded the scholarship.

RESEARCH AND DEVELOPMENT INITIATIVES:
Prabhu Goel Research Centre For Computer And Internet Security: An important R&D centre in the country for all aspects of computer security that imparted education to various governmental and nongovernmental organizations on security issues. The centre undertook research, training, and consulting activities in computer and Internet security. The centre collaborated with defence and security agencies in developing various security technologies.

Research & Outreach Activities In Earthquake Engineering: The outreach activities of IITK faculty engaged in earthquake engineering provided the application, context, and relevance to their research and teaching which led to the steep increase in the membership and publications for a wide spectrum of stakeholders in seismic safety in India, its neighbourhood, and other developing countries. It helped in promotion of confined masonry as a new building typology for earthquake resistance, technology transfer of advanced seismic analysis, design and construction techniques through short course and seminar from international experts to improve state-of-practice in highly specialized areas in young minds through quiz competition on earthquakes, dissemination of relevant international journal publications to academicians and professionals through the quarterly periodical, and making the experience of experts available through publications.
UAV Project:- The project aimed at developing a small sized Unmanned Aerial System (UAS) based on the fixed wing platform, having long endurance, in a pusher configuration; capable of both civil and defense applications. The platform was chosen specifically to accommodate future modifications to the design, larger wingspan and heavier payloads.

Designing And Development Of An Ic Engine Powered High Endurance Drone:- Research was carried out on internal combustion engine powered drone which paved the way for high endurance drone systems offering up to 2.5-3 hr endurance. DRDO found this technology useful for payload transportation for marsupial drone configuration, which was jointly developed in their collaboration, a project on this was funded by Centre for Artificial Intelligence and Robotics (CAIR) a DRDO lab. The marsupial technology was subsequently developed and delivered to DRDO. High endurance and high payload drones were demonstrated to National Disaster Response Force (NDRF) for possible use in disaster response. Discussion is underway for supplying such technology to them for future usage.
Mr. Jagjeet Singh Bindra
BT/CHE/1969
Mr. Jagjeet Singh Bindra is a member of the Board of Directors of Lyondell Basell Industries NV as well as HPCL-Mittal Energy Ltd. He earned his Master’s in Chemical Engineering from the University of Washington, Seattle in 1970. Mr. Bindra also has an MBA (Honors) from Saint Mary’s College of California. He is a Diamond Award (Distinguished Alumnus) recipient of the University of Washington College of Engineering as well as a Distinguished Alumnus of IIT Kanpur.

Mr. Bindra started his career at Chevron Corporation as a research engineer. His career at Chevron spanned over three decades during which he assumed roles of increasing responsibility. Before retiring from Chevron in 2009 he served as President, Chevron Global Manufacturing with responsibility for leading the operations of over 19 refineries across the world. His roles took him to Sudan, Russia, Kazakhstan, Australia and many other countries.

Upon his retirement Mr. Bindra served on the Board of Directors of Larsen & Toubro, Reliance Petroleum, Transfield Services Australia, Transocean, WorleyParsons Australia, GSCaltex Korea and Edison International (and Southern California Edison). Mr. Bindra also served as the Chair of IITK Foundation in the USA. In recognition of his stellar contributions to the Institute, IIT Kanpur honoured Mr. Bindra as an Institute Fellow for the year 2020.

“I am blessed to be in a position where I am today, I must make sure that I am doing that everything I can to give back to the people, to the institution that made a difference in my life.”

- Mr. Bindra
Recent contribution: Modernization of Unit Operations Lab (UOL) - His passion towards the Department of Chemical Engineering is evident in his huge offering towards Modernization of Unit Operations Lab (UOL) which provides practical experience to 3rd & 4th year UG students of chemical industry unit operations. The objective of this lab is to complement classroom lectures with hands-on practical training. UOP laboratory involves students, staff members and faculty to engage in this intellectually stimulating exercise of designing, customizing, and innovating experimental set-ups. The primary focus is to enhance the pedagogical impact of the experiments on the student’s learning. Several simple yet innovative modifications have been envisioned to ensure that the students are able to appreciate the role of basics of Chemical Engineering courses as well as their applications.

FACULTY INITIATIVES:-
Mr. Bindra has instituted 2 faculty chairs at the Institute: These chairs promote the recruitment and retention of some of the excellent faculty members worldwide. They are supported and rewarded in their work thus fostering their professional development as they strive to improve their teaching, carry on their scholarly and creative work, mentoring and reviewing students.

Mr. and Mrs. Gian Singh Bindra Chair:- I am truly honoured to be chosen for this Chair, and this recognition inspires me to strive harder to excel further in my research and teaching at IIT Kanpur.
- Prof. Viswanathan Shankar, Department of Chemical Engineering.

Chevron Corporation Chair: - It is a great privilege to be honoured by the Chevron Corporation Chair in recognition of my research contributions in the area of process design, intensification and plantwide control. The Chair motivates me to keep giving my best to the profession.
- Prof. Nitin Kaistha, Department of Chemical Engineering.
DEPARTMENTAL INITIATIVES:-
Mr. Bindra has set up the Foundation for Chemical Engineering Department. The department is pleased to provide opportunities for its faculty & students and continues to recognize the support of Mr. Bindra. He has always been an active participant in supporting the departments strive for excellence and has enabled the department to spearhead the mission of achieving excellence in research. His gifts have provided tremendous benefit to the department in many ways by supporting several research endeavours. The fund has touched the lives of several meritorious students and distinguished faculty and has been instrumental in nurturing the overall excellence of the department for several years in innumerable ways through aiding student projects, providing travel grant to students for attending conferences, field trips, equipment purchases for teaching laboratories, facility upgrade and maintenance, faculty recruiting, faculty and professional staff development, and special events.

STUDENT INITIATIVE:-
Mr. Bindra contributed towards online education during pandemic. “This is indeed a great support offered by my institute in times of such uncertainty. The generosity shown by IITK alumni is praiseworthy. This valuable donation will ensure that I would be able to continue my studies online. My heartfelt thanks to everyone.” - Amit Kumar

Mr. Bindra contributed generously towards numerous other initiatives namely Prof. C.V. Seshadri Memorial Distinguished Lecture in Chemical Engineering Department, Annual Gift Programme, 1969 Class Fund which funded the Outreach building at IIT Kanpur, Centre for development of soft skills, a students' magazine named NERD, Covid-19 Relief Fund, Professor Arakere Vasudev Research Fellowship and for designing an organic vegetable garden on campus.

We thank him for his invaluable support which has allowed us to sustain our efforts in making a remarkable difference to the Institute.
“The human contribution is the essential ingredient. It is only in the giving of oneself to others that we truly live.”

-Ethel Percy Andrus
“The meaning of life is to find your gift.
The purpose of life is to give it away.”

-David Viscott
Dr. Dev Joneja
BT/ME/1984
Dr. Joneja is the Chief Risk Officer at Exodus Point Capital Management. Previously, he was the Global Head of Risk and Analytics at Millennium Management LLC and has also served as its Senior Managing Director. Prior to joining the firm in 2009, Dr. Joneja was at Lehman Brothers for 13 years, and served as the Head of Fixed Income Research and as the Global Head of Lehman Indices and Point. He has also served as a Research Analyst at Barclays Capital and as a faculty at the Graduate School of Business at Columbia University in New York.

“...The courses in Humanities and Social Sciences I took at IIT played a much bigger role in my career than I appreciated at the time, and I would like to support this part of every IIT student’s education.”

- Dr. Dev Joneja
IMPACT OF HIS GENEROSITY

FACULTY INITIATIVES
Dr. Joneja has created 2 faculty chairs at IIT Kanpur. They promote the recruitment and retention of some of the excellent faculty members worldwide. They are supported and rewarded in their work thus fostering their professional development as they strive to improve their teaching, carry on their scholarly and creative work, mentoring and reviewing students. Funds from these chair endowments aid the faculty occupants in their research, their ability to gather substantial data, and leverage their findings to secure additional outside funding, thus creating boundless potential for ground-breaking research within specific disciplines and stimulate interdisciplinary research.

Pavitar Joneja Chair In The Department Of Humanities & Social Sciences:
The chair will help to develop new learning paradigms and training methods for dissemination of knowledge and promote excellence in research and leadership in the broad areas of English, Fine Arts, Philosophy, Psychology & Sociology. Scientists and engineers can aim for well-rounded education beyond specialized training in a particular area of technology which will enable them to think cognitively and critically for themselves. The chair will inculcate the ethos of research among the PhD students under the supervision of the Chair professor who will nurture their intellectual curiosity. This exclusive chair for the HSS Department will broaden and strengthen the overall research legacy of the Institute.

Prof. Abhay Karandikar, Director IIT Kanpur said, “The Smt Pavitar Joneja Chair is the apt platform for students aspiring to undertake intensive research and broaden their knowledge on subjects related to Humanities and Social Sciences. Over the years Dr. Dev Joneja has made significant contributions towards his Alma Mater. I would like to thank him for selflessly working towards promoting the institute and putting it on the top of academic excellence since several years.”

Arjun Dev Joneja Faculty Chair in Civil Engineering:
“I express my deep gratitude for awarding me with Arjun Dev Joneja Chair which has encouraged me to work with renewed vigour in the area of environment, innovation and technological development.”
- Prof. Sachchida Nand Tripathi, Department of Civil Engineering.
Class Of 1984 Chair:
IIT Kanpur is happy to share that their noted alumnus Dr. Dev Joneja has gifted the Institute to upgrade the Class of 1984 Faculty Research Fellowship to an Endowed Chair. Dr. Joneja's gift is enabling the faculty to continue to pursue new frontiers of research.

"Thank you for the recognition, this will help in my overall contribution to IIT Kanpur. It will drive us to reach newer heights in academics & research."

- Prof. Yogesh Singh Chauhan, Department of Electrical Engineering

COMMUNITY INITIATIVES:
Campus Worker Campaign- IITK Students’ Gymkhana started a campaign to provide financial help to the workers of the Institute during the Covid pandemic. Campus workers working in shops, eateries, canteens, and as vendors, rickshaw pullers etc. suffered heavy financial crisis due the Covid-19 pandemic and repeated lock downs. Our esteemed alumnus, Dr. Dev Joneja generously contributed for this cause. Such a huge support from the Institute, helped to ease out the financial problems for our campus workers as the donations received were used to pay back loans, buy rations and other everyday essentials. Our campus workers are grateful for this generosity and many of them have expressed their heartfelt gratitude towards this noble gesture of Dr. Joneja.

"I can't thank enough the donors of this campaign, I pray for their happiness and success."

-Babali Singh, CCD Employee

"I thank IIT Kanpur and those who helped me in these difficult times. I used the money to pay off my debts."

-Baba Ram Das, Footwear Shop Owner
Mr. Rahul Mehta
For over twenty years, The Mehta Family Foundation has supported initiatives across the world, improving the quality of life and access to education.

Mr. Rahul Mehta is CEO of Mehta family foundation. Over the years, the Foundation has funded over 100 organizations to promote education and healthcare.

The current focus is affected economic outcomes for both the individual and society via the following initiatives: Growing the intellectual talent in India by creating new Doctoral, Master's and bachelor's programs and Improving research capacity in Indian universities by building partnerships with global institutions.

“

We believe science brings enormous benefits to individuals and to society. This past year has brought into stark relief the critical role scientific research has in creating solutions for our biggest challenges. Implementing innovative medical technology essential for fighting COVID-19, developing more efficient energy consumption, and addressing climate change will all require creative scientific breakthroughs. Historically, IIT Kanpur has been at the forefront of world class scientific and engineering education and research. We are proud to partner with IIT Kanpur to further its mission of providing new opportunities for students who will create the next generation of societal impacts.

- Mr. Rahul Mehta
Mehta Family Centre For Engineering In Medicine: The Mehta Family Foundation would support the construction of the new 6 storey building which will consist of 23 labs and sophisticated equipment.

The Vision Behind The Centre: The Centre will be of its first kind in the country that will focus on Engineering applications related to medicine and IIT Kanpur will become the leader in this field. The multidisciplinary research by different departments of IIT Kanpur will foster ground-breaking research. IIT Kanpur is uniquely positioned with a strong background of engineering and their regular interaction will pave the way for innovation which will be an example for other centres of India. It will be a nucleus for the next generation medicine.

Mehta Family Centre for Engineering in Medicine will leverage the existing engineering strength of IITK and the biomedical research emphasis of BSBE faculty. Setting up of such a centre will allow the department to focus on 'engineering solutions to medical problems' while allowing it to grow in terms of personnel (faculty, post-doctoral fellows, students and project employees); academic programs (integrated Ph.D., MS by research and more minors for UG students) and infrastructure. Also, since the centre would focus on applying engineering principles for developing novel solution in medicine, it would naturally allow for the participation by faculty from other departments at IITK including other science and engineering departments. The major areas are expected to revolutionise the way medicine is practiced in future. For enabling more impactful research (fundamental and applied), the Centre would leverage the existing strengths within core engineering departments of IITK and the Department of Biological Sciences and Bioengineering (biomedical research) while diversifying into new areas.

Professor Shankar Subramaniam of the University of California, San Diego will act as the first International Advisor of the 'The Mehta Family Centre for Engineering in Medicine'. In his words “Indians can create next generation healthcare through bringing in Engineering into medicine which is an important quest for India. IIT Kanpur will lead this revolution and this centre will serve as a role model for all major academic institutions in India.”

Prof. Ganesh, Deputy Director and Faculty in BSBE Department opined that “IIT Kanpur has been pioneer in education and research in STEM disciplines and will aspire to develop solutions faced in medicine.”

Prof. Sankar, Head of the BSBE Department mentioned that “We will recruit faculty who will work in the interface of biology, engineering and medicine and this centre will act as a catalyst and pave the way to establish a medical college at IIT Kanpur.”
Indian Institute of Technology Kanpur
Welcomes
Shri Rahul Mehta
Founder, Mehta Family Foundation
to the
Institute Foundation Day Celebrations.

Mehta Family Centre of Engineering in Medicine
being set-up at IIT Kanpur, is generously
supported by the Mehta Foundation
Mr. Kushal Sacheti, is the CEO of Galaxy, a diamond business company in New York. He is a philanthropist with a passion for education. He obtained his M. Tech. in Chemical Engineering from IIT Kanpur. He has set up a Centre for Desert Development Technologies at BITS Pilani, from where he obtained his B.Tech. in Chemical Engineering.

He is a donor for many other educational and humanitarian causes.

"I am driven by an intense intellectual curiosity and a keen desire to aid individuals and organizations to arrive at solutions for a more civic society. My philanthropic initiatives have included mentorship, advisory services, sponsorships, and volunteerism in arts, social welfare, and education. I firmly believe that one of the most prominent things that can be done to change education for the better is through triggering curiosity in students."

- Mr. Sacheti
IMPACT OF HIS GENEROSITY

FACULTY INITIATIVES:
Faculty Chairs promote the recruitment and retention of some of the excellent faculty members worldwide. They are supported and rewarded in their work thus fostering their professional development as they strive to improve their teaching, carry on their scholarly and creative work, mentoring and reviewing students. Mr. Sacheti established P.K. Kelkar Chair to memorialize Dr. Purushottam Kashinath Kelkar (1909-1990) who is best remembered as the Founding director of IIT Kanpur.

P.K. Kelkar Chair: “With a deep sense of gratitude, I convey my humble acceptance of the honour of being selected, for the second consecutive term, to hold the P.K. Kelkar Endowed Chair at IIT Kanpur. It is indeed a very proud moment for me. Such honour will drive us to reach newer heights in academics and research.”
- Prof. S Ganesh, Department of Biological sciences and Bio Engineering.

FACULTY RECRUITMENT FUND:
To improve the student faculty ratio, the Institute has been making great efforts to recruit more faculties and has put in place several initiatives for it. The fund provided immense support to the departments to promote faculty recruitments and arranging job talks for the aspiring faculty members across the globe. The faculty recruitment fund was mainly used by the Departments to meet travel and lodging expenses of faculty candidates who were short-listed and invited to give seminars. These funds have helped the Departments handle expenses under different activities including registration fee and advertising fee for a Job fair

COMMUNITY INITIATIVES:
Contribution Towards Opportunity School & English Proficiency Programme- Opportunity School is providing education to the underprivileged children living in and around IIT Kanpur campus. Education to the underprivileged children is the only way to brighten their future through self-empowerment. And it is also the best way to eradicate child labour from society. The contribution was able to significantly impact the lives of the children for several years.

English Proficiency Programme is being undertaken for IITK students for teaching them communication techniques through a formal institute course which is now being offered every semester. The result of the course is highly encouraging. First, through similar tests conducted in the preliminary stage and the final stage of the course, it was found that 65% students of the course made significant improvement in their English proficiency. The number of students registering for the course is also on the rise. An English Proficiency Cell was established to give a formal administrative mandate for its activities.
Entrepreneurial Initiative:
Motwani Incubator And Accelerator
Mr. Sacheti supported the Motwani Incubator & Accelerator with his thoughtful offering which is promoting various entrepreneurial ventures by IITK students within the campus.

IITK students are encouraged to go through the projects end to end and also draft business proposal to start a business venture based on the BTP / dissertation. Motwani Incubator & Accelerator has reached out to all the entrepreneurial ventures started by IITK student within the campus. Many projects were introduced to IITK Alumni for access to funding, provided development machines and servers and AWS credits for the Amazon cloud. The students are encouraged to incorporate their company and start their own venture through SIIC.
Mr. (Late) Yadupati Singhania
BT/CE/1977
For the first time ever in the world, in the year 1984, Mr. (Late) Yadupati Singhania set up a white cement plant using limestone, by a dry process. In 1987, J.K. white cement became the first manufacturing entity in the world to install a fuzzy logic system to computerize kiln operations. Today J.K. cement is a multi-locational cement manufacturer with a presence both in grey and white cement segments. Its five plants across Rajasthan and Karnataka have a combined grey cement capacity of 10 MnTPA and a white cement capacity of 0.60 MnTPA.

The company also has a captive power generation capacity of more than 100 MW spread across its plants. The company has extended its manufacturing capacity overseas at Fujairah (UAE) in 2014 which is a dual process plant producing both grey and white cement. At present, J.K. Cement Ltd. is the second largest producer of white cement in the world. Mr. (Late) Yadupati Singhania was conferred with the distinguished alumnus award from Indian Institute of Technology Kanpur in 2015.

Contribution In Education: Mr. (Late) Yadupati Singhania believed that Human Resources are more important than capital assets. With this in view he laid the foundation of many prestigious schools and colleges at all his manufacturing and administrative facilities in India namely: Lala Kamlapat Singhania Education Centre-Gotan; Sir Padampat Singhania University-Udaipur; Dr. Gaur Hari Singhania Institute of Management & Research Kanpur; J.K. Centre for Technician Training, Kanpur; Regional Training Centre, Nimbahera and JK Industrial Training Centre, Kanpur.

The Multifaceted Personality: He rendered his valuable experience and knowledge as a Director/Partner in various group companies of J.K. Organization and other reputed listed companies in India. He has made significant contribution and held important posts in various Industrial Forums and Merchant Chamber in the past. He also served as the Director of Uttar Pradesh Cricket Association, Kanpur which exemplifies his intense passion for sports. He regularly sponsored Vintage Car Rallies, Tennis, Squash, Table Tennis, Cricket and Billiards tournaments. He also has association with various Cultural, Commerce Bodies & Business Associates.

“
For us business is not about market share and profit. It is about the sustainable development of community around all our project.
”

- Mr. (Late) Yadupati Singhania
IMPACT OF HIS GENEROSITY

STUDENT INITIATIVE:
To relive the fond memory of Mr. Singhania, J K Cement Ltd has established 5 scholarships of Rs. 1,00,000 each named “Yadupati Singhania Memorial Scholarships” for supporting undergraduate students of Civil Engineering Department at IIT Kanpur based on the All India Rank.

The Impact on The Student Community: The scholarships will enable needy and meritorious students to excel in their academic endeavours and turn their aspirations into a reality. They will recognize merit and provide better opportunities to students both in terms of higher education and career opportunities.

FACULTY INITIATIVE:
Faculty Chairs promote the recruitment and retention of some of the excellent faculty members worldwide. They are supported and rewarded in their work thus fostering their professional development as they strive to improve their teaching, carry on their scholarly and creative work, mentoring and reviewing students.

In December 2020, IIT Kanpur announced the establishment of a new Endowed Chair Professorship, Yadupati Singhania Memorial Chair. The Chair has been instituted in the name of late Shri Yadupati Singhania. The Chair, supported with a generous endowment from J. K. Cotton Ltd. aims to promote research in cutting-edge technology in engineering sciences for the improvement of life on earth.
"Shri Yadupati Singhania was a respected member of our community and a philanthropist who was always willing to help. His contribution and guidance to his alma mater were always a source of great support. His passing away this year left a gap that will be difficult to fill. I am grateful to the Singhania family for this initiative, which will help to not only keep his memory alive but also his ideas of contributing to the betterment of the planet through research and innovation in the engineering sciences. This MoU holds special significance in light of the association between the two institutions that goes back to the founding days of IIT Kanpur when Sir Padampat Singhania and later his son, Shri Govind Hari Singhania, were the Chairman, Board of Governors, of the Institute. In view of this long association, J. K. Cotton Ltd. has contributed to institute a Faculty Chair to celebrate and relive the memory of Shri Yadupati Singhania."
- Prof. Abhay Karandikar, Director, IITK

“We are grateful to J K Cotton for instituting Shri Y.P. Singhania Memorial Chair. Shri Yadupati Singhania's contribution had been significant towards IIT Kanpur. We are thankful to the entire Singhania family for instituting this Chair for promoting excellence in engineering disciplines."
- Prof. Jayant K Singh, The Dean of Resources and Alumni, IITK
Mr. Ranodeb Roy
BT/CSE/1990
Co-founder and CEO of RV Capital Management Private Limited, an asset management company based in Singapore Mr. Roy has made a gift to IIT Kanpur for various initiatives. Mr. Roy was Managing Director & Head of Fixed Income Asia Pacific at Morgan Stanley in Hong Kong. He has also worked in Merrill Lynch Hong Kong as Managing Director & Co-Head of Fixed Income Currency and Commodities (FICC) group in 2007 and held various senior positions in Merrill Lynch across major locations including New York, Tokyo, and Hong Kong. Mr. Roy started his career at Bank of America, Mumbai in 1992.

“If you do not give back to the society that helped create you, and in my case, IITK, then you are leaving it poorer than when you were a part of it. Giving back what we took is the minimum we can do. But if we can give back more, wouldn't it create a better life for others as well!

- Mr. Roy
IMPACT OF HIS GENEROSITY

Recent Contribution: His Generosity towards supporting the new fund-raising entity: Section 8 Company

IIT Kanpur Development Foundation has been established at the Institute with the ever growing need to raise resources for the various activities/programs which is a separate professional fund-raising organization. It is a section-8 company of the Institute approved by the Board of Governors in June 2020.

FACULTY INITIATIVES:

Faculty Chairs & Fellowships promote the recruitment and retention of some of the excellent faculty members worldwide. They are supported and rewarded in their work thus fostering their professional development as they strive to improve their teaching, carry on their scholarly and creative work, mentoring and reviewing students.

Sajani Kumar Roy Memorial Chair

“I am extremely grateful to the sponsor of the Chair Professorship. This chair position is motivating me to excel further in research, development, and teaching activities.”
- Prof. Saikat Chakrabarti of Department of Electrical Engineering

Dr. Mahua Menon and Mr. Ranodeb Roy Young Faculty Fellowship: This fellowship was recently instituted at IIT Kanpur.

STUDENT INITIATIVES:-

Mr. Roy established Protima Ghosh Memorial Scholarships and 14 Undergraduate students were supported on merit cum means basis. The scholarships enable needy and meritorious students to excel in their academic endeavours and turn their aspirations into a reality. They recognize merit and provide better opportunities to students both in terms of higher education and career opportunities.

Mr. Roy extended his kind support to needy students for buying laptops and necessary requirements for online education during pandemic.

Testimonials From UG Students of IIT Kanpur- Arun: This priceless donation has arrived at the most crucial time. Without this, I wouldn't have been able to continue my studies online. I have no words to express my gratitude to my donor and institute. I hope I would be able to repay this debt one day by giving back to IITK.

Mr. Roy donated towards the empowerment of the differently-abled - “When I was 13 years old, my left leg was amputated due to some wrong medical treatment, and it took five years for my wounds to heal. When I got the chance to study at IITK, I was very happy, but soon, I started facing many problems because of a lack of proper prosthetic. My family’s financial condition was very weak, and I could not afford to buy a prosthetic. I had to miss my classes several times unintentionally because of the pain in my leg. All these things started making me feel inferior to others. I then approached CDAP for help, and they were helpful. They connected me with Office of Resources and
Alumni and with the help of the generous donation of Mr. Ranodeb Roy I could get my prosthetic leg fixed. This has given a new vision and enthusiasm towards life"
- in the words of Sahil Khan, under graduate student at Electrical Engineering at IITK

Protima Ghosh Memorial Scholarship Recipient of Year 2020 - I was thrilled to learn of my selection for this honour and I am deeply appreciative of your support. I am currently majoring in Computer Science and Engineering with hopes of becoming an Ethical Hacker. This will surely uplift my academic performance. Thank you again for your generosity and support. I promise you I will work very hard and eventually give something back to others, possibly a scholarship to future students like myself.”
- Dipesh Khandelwal, B. Tech, 2nd Year, Computer Science And Engineering
Mr. Kamalesh Dwivedi
BT/EE/1979
President and General Partner at 3Lines Venture Capital based out of Denver, USA. His current investment interests span over a broad spectrum of technology in early stage Start-up companies in USA and India. Mr. Dwivedi has been CIO of several major corporations such as Computer vision, Scientific Atlanta, ADC Telecommunications, TeleTech Holdings in the US and Bellsystem24 in Japan in their transformative phases.

As a CIO, he has been a member of Clevel teams which enabled multi-billion dollars return in portfolio companies of global Private Equity firms. Enabling growth and turnarounds in large corporations and mentoring employees have been the most exciting and rewarding professional experience.

Mr. Dwivedi holds a Bachelor of Technology degree from IIT Kanpur, an M.Eng. from Carleton University and have completed the Program for Management Development (PMD) from Harvard Business School. Currently, he resides in Denver, Colorado, USA.

"As a firm believer in 'giving is living' and in the non-linear impact of education on people's lives, it has been very important for me to support teaching and learning. I can't imagine what life could have been if not for the education I received at IIT Kanpur”, said Kamalesh Dwivedi, a 1979 alum.

“My mother gave me life and IIT Kanpur, my second mother, gave a profound meaning to that life. The more I give to IIT Kanpur, the more remains to be given”, added Mr. Dwivedi, "How can anyone be tired of giving to one's mother?"

- Mr. Dwivedi
IMPACT OF HIS GENEROSITY

FACULTY INITIATIVES:
Mr. Dwivedi instituted 2 faculty chairs at IIT Kanpur to promote the recruitment and retention of some of the excellent faculty members worldwide. They are supported and rewarded in their work thus fostering their professional development as they strive to improve their teaching, carry on their scholarly and creative work, mentoring and reviewing students.

Pandit Girish Ranjan and Sushma Rani Pathak Chair-
"I convey my humble gratitude for an honour of being selected for the Pandit Girish Ranjan and Sushma Rani Pathak Chair at IIT Kanpur. Such an honour will drive us to reach newer heights in academics & research.”
- Prof. Yogesh Joshi | Department of Chemical Engineering

Pandit Ramchandra Dwivedi Chair-
"It is indeed an honor and a privilege for me to be associated with this prestigious endowed chair. I have continued my efforts towards fulfilling the specific mandate which is to engage in research and development in areas related to India’s defense. It was indeed a moment of pride for me as well as my team members to have the visit from Shri Kamlesh Dwivedi who has established this Chair Professorship at IIT Kanpur.”
- Prof. Anish Upadhyaya | Department of Material Science and Engineering

STUDENT INITIATIVE:
4th year UG female students of any engineering department having the highest CPI at the end of 3rd year are given out awards every year during Academic Excellence award Ceremony. These awards instill motivation and enthusiasm in the students to excel in their academic endeavor and also provide financial assistance to meritorious and underprivileged female students.

GARGI AWARD
MAITREYI AWARD
LILAVATI AWARD

Shruti Agrawal:
"It is an honour be selected as the recipient of your award. I graduated from the department of Computer Science and Engineering in 2018 with 9.8 CPI. The financial assistance provided by this scholarship has been a great help in covering my tuition fees. I have also been the recipient of the Institute Academic Excellence Award for the previous Academic Years. Once again, thank you for your generosity and support. I am committed to my education and promise to work hard to eventually give something back to the community.”

Ankita Pasricha:
"I graduated from the department of Computer Science and Engineering in 2016 with 9.6 CPI and would like to convey my heartfelt gratitude for providing me this opportunity. I thank you for encouraging the students to keep the spirit of excellence of IIT Kanpur. This award will go towards supporting my expenses for fulfilling various intellectual endeavours. This would relieve the financial stress on my parents also.”
His Contribution to Opportunity School & Shiksha Sopan
Opportunity School & Shiksha Sopan is providing education to the underprivileged children living in and around IIT Kanpur campus. Education to the underprivileged children is the only way to brighten their future through self-empowerment. And it is also the best way to eradicate child labour from society.

Shiksha Sopan is a non-governmental organization (NGO) whose purpose is to impart value-based education to economically weaker section of the society. Its various activities are carried in and around the campus of IIT Kanpur. Shiksha Sopan’s philosophy stands on three pillars of Shiksha, Sanskar, and Swavalamban.
Dr. BVR Mohan Reddy
MT/ME/1974
An Indian business executive and engineering manager who founded and served as Executive Chairman of Cyient. He joined the DCM Group in 1974, and has subsequently worked with MICO Bosch, HCL, and OMC Computers Limited. He was the Chairman of NASSCOM from 2014–2015 and is a prolific business analyst. He received Padma Shri award 2017 in Trade & Industry. He has also been a member of the NASSCOM Executive Council since 2003 and served as the Chairman of the Confederation of Indian Industry (CII), southern region (2008-2009).

He is associated with councils of various academic and industry forums and has led several initiatives to help industrial companies evolve and grow.

Dr. Reddy also serves as Chairman, Board of Governors of IIT Hyderabad; member on the Board of NIIT University, Neemrana; and member of Centre for Innovation and Entrepreneurship at IIIT Hyderabad and he is one of the board of Directors of IIT Kanpur Development Foundation. A recipient of the Distinguished Alumnus Award from IIT Kanpur, Dr. Reddy is also a fellow of the Institution of Engineers (India). Dr. Reddy holds postgraduate degrees in engineering from IIT Kanpur and the University of Michigan, USA. He is the recipient of honorary doctorates from JNTU Hyderabad, JNTU Kakinada, Andhra University and KL University.

“The theoretical background and breadth of knowledge that I gained have let me do things I otherwise would not have been able to do.”

- Dr. Reddy
IMPACT OF HIS GENEROSITY

STUDENT INITIATIVE:
Dr. Reddy has contributed towards setting up an Endowment to give scholarships to students/start ups/entrepreneurs incubating their companies at IIT Kanpur and his commitment towards encouraging young budding Entrepreneurs is unequivocal.

IMPACT ON ENTREPRENEURS-
Highly ambitious, dedicated, innovative, and creative undergraduate students who clearly demonstrate an entrepreneurial spirit get rewarded. Entrepreneurship scholarships also enable one to turn their business idea into a real venture. You may gain experience and jump start your career. The Entrepreneurs who carry out their incubation only at IIT Kanpur will be eligible for this scholarship. As a top up incentive scholarship may also be given to an entrepreneur, these scholarships will reward your creativity, ambition, and entrepreneurial spirit.

Entrepreneurship scholarships are for aspiring entrepreneurs who want to start their own business and may be strapped for funds. These scholarships will provide recognition and encouragement to the next generation of curious, persistent, and passionate entrepreneurs. The scholarship recipients are the well-driven and up-and-coming entrepreneurs who are ready to commit towards building a better world through their business ideas.

Dr. BVR Mohan Reddy Scholarship Recipient:

Kanika Bansal-
Proposing a novel method of treating diabetes permanently specifically for people who are resistant to insulin, by ablating the mucosal cells lining the duodenum through electroporation.

Nishant Agarwal-
The innovator is working on main-streaming the use of prostheses and focuses on sound design practices. As a team, we aim to revolutionize the field of the prosthesis with cost-effective and high-quality solutions, for patient-specific fitment, with a dedicated team of professionals and appreciated by its users. We intend to cater to 0.5 million people in India - to provide trans-radial prosthetic hands with remote fitment, connect with the prosthetist, amortize benefits with trade-in options, and enhance the user experience acquiring the assistive technology.

Dishant Mishra-
Developing a solution to increase the Annual Energy Production of a turbine unit by a factor in single digit and in some cases where turbulence is high, gains can be significantly higher. This technology can be used to smoothen out the acceleration and deceleration of the turbine when rapidly fluctuating aerodynamic loads are present thus reducing the detrimental stresses.
Jishant Gurwani-
Proposing solutions to the problems related to computer numerical control (CNC) requirements of small-scale and medium-scale industries. In this process, they are developing CNC machines such as PCB milling machines, SMD picks.
Mr. Anil Bhandari
BT/ME/1969
Mr. Bhandari is a Managing Partner in Aren Asset Management LLC. He manages assets for Family Office, High Net Worth Individuals, Charitable Foundations and Partnership Retirement Plans. Over the last eighteen years Mr. Bhandari was with UBS and Morgan Stanley as Senior Vice President and a member of several Recognition Councils. Earlier, for over sixteen years he was with Bear Stearns and appointed Senior Managing Director in 1999. His experience includes wealth management and work with Indian Corporates on mergers, acquisitions, and divestitures.

“Giving back is the rent one must pay to live on this beautiful planet.”

- Mr. Bhandari
IMPACT OF HIS GENEROSITY

FACULTY INITIATIVES:
Mr. Bhandari created Gopal Das Bhandari Distinguished Teacher Award in his father's name. It is given annually during the Convocation ceremony to recognize and honour an outstanding teacher at the Institute. This award consists of a citation and a cash prize. The recipients are exemplary faculty who motivate students to learn and facilitate in disseminating invaluable knowledge, use novel or innovative teaching methods, demonstrate commitment to his/her field and realizing the fact that teachers and students are partners in the learning environment.

“This award is a vote of recognition from the students that the awardees have truly excelled in their profession. The award has a lot of significance because the students collectively vote for the awardee as one of their best teachers in their undergraduate IITK program. I am sure that this must be a very fulfilling feeling for the awardees.”

- Mr. Bhandari

COMMUNITY WELFARE INITIATIVES:
Mr. Bhandari Contributed towards Covid Relief fund. Covid-19 gave a sudden jolt to everyone. Loss of jobs combined with the health hazard posed by the spread of coronavirus had put the economically weaker section of society in a precarious position.

IIT Kanpur partnered with Kanpur Parivartan Forum, which was already planning food distribution with Feeding India and FICCI Flo. Immediately, plans were made, with the objective 'no one goes hungry'. We had reached out to rickshaw wallas, migrant construction workers and daily wagers. The operations began on 29th March from a centralised location in Kanpur City and everyday 1125 cooked food packets and about 700 family packs (4 kg flour, 2 kg rice, 2 kg dal, 1 kg sugar, tea, oil, spices, and biscuits) were distributed. There were 90+ volunteers, divided into teams for planning, procurement, packaging, and distribution. Till now 8500 family ration packs and 10,000 lunch packets have been distributed in 120+ bastis across 50+ locations in our city, Kanpur. The team also reached out to brick kiln workers of Chaubepur and now planning to cater to Sarsaul brick kiln.

He has donated generously for Class of 1969 Fund at IIT Kanpur. He has also contributed towards Alumni Centre and Hall of Fame.

"I thank you for instituting the Gopal Das Bhandari Distinguished Teacher Award, The award humbles me, and I appreciate you instituting it".
- Mohit Law, Assistant Professor, Department of Mechanical Engineering,
Gopal Das Bhandari Distinguished Teacher Award Recipient of 2020
Mr. Ajit Gill
BT/EE/1969
Mr. Gill is the CEO of Ohm Oncology, California, a company that specializes in oncology and neoplasms by developing novel drugs for the management of treatment - refractory and difficult to treat cancers. Mr. Gill has also served as the CEO & President of Nektar Therapeutics, and Vice-President and General Manager of Kodak's Interactive systems. After graduating from IITK, Mr. Gill earned his MS from University of Nebraska and MBA from University of Ontario, Canada.

“Setting up this endowment was very important to me as a way of thanking my parents and my family. Doing it at IITK, the institution that gave me my educational foundation was critical as a way of helping IITK continue to maintain its tradition of excellence while giving other students the opportunity to get a great education.

- Mr. Gill
IMPACT OF HIS GENEROSITY

STUDENT INITIATIVE:-
Mr. Gill established the Joy and Manmohan Gill Foundation at IIT Kanpur for the Biological Sciences & Bioengineering Department. One of the goals and aspirations of the BSBE Department is to produce tomorrow's leaders in academia as well as industry in the field of Biology/Bioengineering. Towards this goal students are being taught aspects of Biology/Bioengineering and equip them with the cutting-edge technical know-how. They are also given hands on training through practical classes. However, it is felt that the practical skills will be better learned in the context of a real problem i.e. a project in an existing laboratory. Depending on the career objectives of a student one may seek to get such training in the academia or in the industry. BSBE Department utilizes the funds from the foundation to support and encourage students upon completion of their sixth semester to undertake challenging assignments in the summer between their sixth and seventh semester. The details of such activities are as follows:

Summer Innovation Award:
The main purpose of Summer Innovation Award is to encourage and motivate the research endeavours among the UG students. It encourages the students to present their research work and compete for the award. The students who participate in research activities in a laboratory in India or abroad (in an academic setting or industrial setting) are required to present their work they have carried out during the preceding summer.

Bio Tech/bio Pharma Industry Internship Support: -
Promotes the spirit of entrepreneurship/product dev/business model in biotech & pharmacy as a part of UG education. In this program third year UG students who participate in an industry internship during summer are supported by giving out awards.

Those students are supported where the host industry has not met travel and subsistence needs. Students upon completion of their internship successfully, prepare and submit project reports, one certificate from industry testifying the duration of participation and a seminar at the BSBE symposium.

Bio-Business Plan Competition:
This competition is aimed to promote entrepreneurship amongst the students. This competition is held during the technical festival of IIT Kanpur, namely Techkriti.

He Instituted 4 Student Scholarships
Baljit & Nirmal Dhindsa Scholarships 2 nos. for UG students of BSBE
Mona & Paramjit Singh Scholarships 2 nos. for UG students of BSBE

"This scholarship is definitely going to encourage me to perform well. It is going to boost my resume and is going to rekindle my conviction to contribute to humanity based on knowledge and wisdom that I may acquire. I want to thank the donor for creating the award and considering me for the same. This is clearly one of the most significant events of my life. Thank you once again for letting me feel appreciated!"
- Sharmin Ansar, B.Tech. Student of BSBE Dept (Baljit & Nirmal Dhindsa Scholarship recipient)
"I want to express my sincere heartfelt gratitude to the donors for creating this scholarship. I can not thank the donors enough for their generosity to help meritorious students. This scholarship will not only help lighten my financial burden but will also act as a constant source of motivation for me to work even harder to achieve my goals so that one day I am able to give back to the community."
-Sunamya Gupta, B.Tech. student of BSBE Dept (Mona & Paramjit Singh Scholarship recipient)

FACULTY INITIATIVE:
Joy Gill Chair - Mr. Ajit Gill instituted Joy Gill Chair for outstanding young investigators under the age of 45 years in any area of Biological Sciences and Bioengineering. They are supported and rewarded in their work thus fostering their professional development as they strive to improve their teaching, carry on their scholarly and creative work, mentoring and reviewing students.

"The Joy Gill chair has escalated our motivation to pursue world-class, cutting-edge research program at IIT Kanpur, and establish the reputation of IIT Kanpur internationally in our research domain."

- Prof. Arun K Shukla, Department of Biological Science and Bio Engineering
Dr. Mahesh Gupta
BT/ME/1975
A well-renowned name in the water purification industry, is the Founder & Chairman of KENT RO Ltd., India. He is man behind revolutionizing purified drinking water in India. He patented the technology in 1990 and launched the brand Kent RO. After founding his company in late 90s, Dr. Gupta diversified into other products like, vacuum cleaner, water softener, air purifiers and many others. Before starting his own business venture, Dr. Gupta joined Indian Oil Corporation and worked as an engineer on conservation of fuel. He has more than half a dozen patent technologies to his name. He was honoured with the Distinguished Alumnus Award by IIT Kanpur in 2011.

“Entrepreneurs should bring new innovations, and must believe in their dreams. Think less and have passion to live.”

- Dr. Gupta
IMPACT OF HIS GENEROSITY

FACULTY INITIATIVES:
Dr. Gupta instituted KENT Entrepreneurship & Innovation Chair for faculty working on new technologies & innovations. The Chair Professor is helping a long way in fostering the Innovative Eco System at IIT Kanpur, in addition to teaching and research in this domain and contributing to the development and implementation of best practices at the national and international level.

- The chair is promoting new learning paradigms and training methods in Innovation and Entrepreneurship for entrepreneurs, researchers, academia, government, funding agencies and industry.

- The Sustainable academia-government-industry collaboration is developed by promoting entrepreneurial excellence and participating in the development of policy frameworks in the areas of Innovation and Entrepreneurship.

- The institution of the chair promotes and encourages Startup India Initiatives across the country; and participation in governmental proceedings seeking comment on fostering and sustaining the innovation and entrepreneurship ecosystem at the national level.

KENT Entrepreneurship & Innovation Chair - “Kent Chair fellowship is a constant reminder to me that I am being treated special by IIT Kanpur and the donor and thus I must give my best to promote innovation and entrepreneurship at IIT Kanpur to encourage entrepreneurship among recent and senior alumni of IIT Kanpur as well as other aspiring startup founders: We have massively reached out to different government agencies, PSUs and private companies (through CSR) to raise funds to support incubates with fellowship and product development grant or seed funding. We have conducted the first CSR Conclave at IIT Kanpur to raise awareness among corporate leaders about the Innovation and Incubation ecosystem of IIT Kanpur.”
- Prof. Amitabha Bandyopadhyay, Department of Biological Sciences and Bioengineering

STUDENT INITIATIVES:-
Dr. Mahesh Gupta provided invaluable Support to Undergraduate students of IIT Kanpur for online education during the pandemic. One of the most successful campaigns of IIT Kanpur, One Alumnus One Student, was launched to raise funds for 600 undergraduate students, who come from economically weaker sections of the society, to help provide them with IT hardware. Since the Institute had decided to go completely online for at least semester-1 of the Academic Year 2020-2021 due to the Coronavirus pandemic, there were 600 such students who needed IT help in order to continue their studies online. The campaign was launched on July 22, 2020 and funds had to be collected by the end of August, as the semester was to begin on September 01 2020. Donations poured in under CSR initiative and the amount was used to reimburse IT hardware (laptop/broadband) cost purchased by students.
Undergraduate Students of IIT Kanpur have expressed their heartfelt gratitude.

Aditi Arya, “Thank you so much, Sir, for your help. I was really in need of this crucial support. I was unsure about my taking online classes, as the internet connectivity in my hometown is very erratic, and mobile data is not convenient. I am grateful to the Institute for this timely support.”

Monika Rathore “I am thankful to IIT Kanpur as well as to my donor. I was planning to buy a new laptop and my dream came true through this campaign. It is indeed a great initiative to help students. Your support has inspired me to work harder, and I will definitely help IIT Kanpur as an alumna in future.”
Prof. Tapan Prasad Bagchi
BT/ME/1967
Prof. Tapan Bagchi holds a B.Tech (IIT Kanpur), M A Sc, and Ph D (Toronto), and a D Sc (IIT Kharagpur), A Registered Professional Engineer (Ontario) and FIE (India), he has served as Professor/Dean/Director at IIM Lucknow, KIIT Bhubaneswar, NMIMS Shirpur, NDS InfoServ Mumbai, NITIE Mumbai, S P Jain Dubai, SPJIMR Mumbai, IIT Kanpur, Bombay, and Kharagpur. Till 1987, he served Exxon-Mobil USA with assignments in manufacturing analysis and planning in US, Canada, UK, France, Italy and Singapore; His achievements include “Eminent Alum” IIT Kharagpur; EXXON’s Extraordinary Contribution/CSR Awardee, U Toronto Open Fellow, Outstanding Scholar/Teacher NMIMS; Best Paper IISRO Dubai; designed and implemented ISRO’s LEO Spacecraft Task Scheduler; > 400,000 hits on 6 Sigma online course on Youtube®; authored seven texts and over 150 journal papers in Computer Sc, Operations Mgmt, Quality Engineering, Scheduling, Taguchi Methods, Value at Risk and Genetic Algorithms. Mr. Bagchi is globally ranked by ResearchGate GmbH in the top fifth of all current academics.

“God may be invisible, but His blessings can be easily felt. Indeed, His favours often pour upon us. Our own blessings are countless born as humans we are capable of attaining, and then sharing countless fortunes thus endowed upon us with others, if the pieces fall in the right place as time unwinds. Perhaps for a youngster, becoming an IITian is one such most special blessing, for to us success would come inescapably. Again, by the grace of Almighty, for the majority, the consequent material attainments ensure plenty to share with others without the least of worry about self-sustainment. I kept this thought alive and determined to return small bits of whatever the IITs had made possible for me to give back.

- Prof. Bagchi
IMPACT OF HIS GENEROSITY

INFRASTRUCTURAL INITIATIVE:
Aashiyana Shopping Complex- The campus community received a valuable gift in the form of a new shopping area called the 'Aashiyana Shopping Complex'. It was constructed at the 1st floor of the new shopping complex of IIT Kanpur during 2015-16. His benefaction was of immense value to his endeavour for the betterment of the campus community of IIT Kanpur. “Aashiyana” is a reflection of our community.

Aashiyana boasts of a huge, beautifully constructed multipurpose hall which has a capacity to host parties, workshops, events of around 200 people. It has a huge kitchen, store room and balcony. It is situated on the 1st floor of the new shopping complex of IIT Kanpur. The entire community is benefitted by the construction of this hall as various private parties are being held, students organize different shows and events during their cultural festivals and even several official gatherings are arranged.

In the words of Prof. Bagchi:
I beam with true delight when I see the Kanpur campus community cherish a few moments of relaxation as their children celebrate their birthdays in the Hall of the Aashiyana Shopping Complex.
Mr. Alok Agarwal
BT/EE/1979
Mr. Alok Agarwal is the Chief Financial Officer (CFO) of Reliance Industries Limited (RIL). He has been the CFO since 2007 and has overseen the development of the 3 major growth engines; energy; digital services and retail of RIL over the past 30 years. He has diversified experience of over 40 years in financial markets. He has joined Reliance in 1993 after working with Bank of America for 12 years in India. Mr. Agarwal has been instrumental in making Reliance the best-known issuer in capital markets in Asia both domestic and international.

Reliance is the only corporate in Asia to get this recognition several years in the last decade. He was also named as the best CFO in Asia. He graduated from IIT Kanpur in 1979 with a bachelor's in electrical engineering and then obtained a management degree from IIM Ahmedabad in 1981.

“I am giving back to IITK as all my success is rooted in the experiences and education I have acquired from the Institute. I also feel it is a privilege to give back to society and education and all of us have a responsibility to do so.”

- Mr. Agarwal
IMPACT OF HIS GENEROSITY

STUDENT INITIATIVES:-
Empowering women by providing Scholarship for higher education. Mr. Agarwal has instituted 5 student scholarships for undergraduate female students of any discipline or program based on Merit cum means criteria.

Vidyawati Agarwal Scholarship
Shri Ram Sahai Agarwal Scholarship
Smt Tara Ghate’s Scholarship
Neela Namjoshi Scholarship
Pramodini Agarwal Scholarship

MHRD has increased the tuition fees of UG students to Rs. 2 lakhs per year from academic year 2016-17 and hence our Institute has been trying to provide partial and full student scholarship support and merit awards to students who are not eligible for government scholarships.

These Scholarships has been successfully taking care of the tuition fees, expenses like boarding & lodging, books & supplies, health insurance, transportation, and other miscellaneous expenditure of the recipient.

These scholarships encourage our girl students excelling as undergraduate students to consider graduate work, professorships, and other highly skilled positions. These scholarships encourage women to try their hands at what might be considered "counter-culture" 50 or 60 years ago when many women didn't even pursue higher education, much less girls were enthused and motivated to pursue their education to become doctors and engineers.

Smt. Vidyavati Agarwal Scholarship Recipient:
“I would like to take this opportunity to thank you for your generosity for funding the Smt. Vidyavati Agarwal Scholarship. I am a Chemical engineering student at IIT Kanpur. I have faced financial difficulties and challenges from beginning but have never let it affect my studies. Being brought up in a less privileged society has driven me into academic and financial difficulties. Receiving the scholarship from you means that I am one step ahead of accomplishing my ambition and serving society. It would help me to pay my semester academic fees.”
- Ayushi Goyal, undergraduate student at Chemical Engineering at IITK

Smt. Ram Sahai Agarwal Scholarship Recipient:
“As one of this year's recipients, I am grateful for the opportunities this award will provide me. I rely on financial aid, grants and student loans to help finance my education. Receiving this scholarship will help reduce the financial burden on my family and provide assistance for me as I continue pursuing my education. It has been my lifelong dream to pursue research in astronomical sciences and this aid will also help me buy books and take up research projects elsewhere. Thank you for creating a scholarship just for girl candidates, as such support is extremely helpful and important for us to help realise our dreams. "
- Ramandeep Kaur, undergraduate student of Physics Department at IITK
FACULTY INITIATIVE:-
Mr. Agarwal has established the Class of 1979 Young Faculty Fellowship which is open to young faculty members of all the departments of IIT Kanpur. Faculty Fellowships promote the recruitment and retention of some of the excellent faculty members worldwide. Aside from the recognition and reward for the advances they have made in their respective fields, an endowed fellowship provides these leading minds with additional benefits in the form fellowships to support their life's work. Endowed faculty fellowships provide critical support for promising junior faculty. Fellowships provide early-career funding that helps young faculty to build momentum for their research and scholarly activities as they advance in their respective career.

INFRASTRUCTURAL INITIATIVES:-
Alumni of the Class of 1979 has pledged to raise resources towards IIT Kanpur PK Kelkar Library Fountain Renovation and Mr. Agarwal has shown his generosity by donating an invaluable benefaction to this cause.
Mr. Pradeep Sindhu
BT/EE/1974

Mr. Sindhu is the CEO & Founder of data center technology company, Fungible. Known for his entrepreneurial skills, Mr. Sindhu is a renowned name in technology development & innovation. He founded Juniper Networks in 1996 in California where he served as the Chief Scientist and CTO for over 20 years. He played an instrumental role in the architecture, design, and development of M40 router. Mr. Sindhu is one of the leading donors of IIT Kanpur. He was honoured with the Distinguished Alumnus Award by IIT Kanpur in 2001.
IMPACT OF HIS GENEROSITY

Mr. Pradeep Sindhu instituted the Pradeep Sindhu Chair for research in the field of Mathematics & Statistics. IIT Kanpur is pleased to extend its sincere thanks to Mr. Sindhu for his thoughtful offering. Our faculty proudly holds Chair Professorships, as it recognizes their accomplishments and further motivates them to work on their ground-breaking research and innovating teaching paradigms.

Pradeep Sindhu Chair:
Since it’s institution, 4 eminent faculty members were honoured.

“I am thankful for the Pradeep Sindhu Chair Professorship. It brings prestige and motivates me to take risks and investigate novel research problems in biology.”

- Prof. Ramesh Sankaramakrishnan Department of Biological Sciences and Bioengineering

Prof. B V Rathish Kumar of Biological Sciences and Bioengineering Department held the Chair during 2014-2017.

Prof. Avinash Joshi of Electrical engineering Department held the Chair during 2011-2014.
Mr. R.K. Gupta
BT/EE/1967

Mr. Gupta graduated from I.I.T. Kanpur in the year 1967 in Electrical Engineering. After graduation he worked in the Electronic Industry, and he made significant contribution. He helped the Government to shape many policy decisions. Later, he switched to Computer software and now he is running a software industry which caters to 100% export. He hails from a modest family and he was awarded a scholarship for five years which helped him to complete his education.

“I firmly believe in Giving back to Society and this donation to IITK is to give back to my Alma Mater which helped me to progress in life.”

- Mr. R.K. Gupta
STUDENT INITIATIVE:-

IIT Kanpur is pleased to extend its sincere thanks to Mr. Gupta for creating impact through the institution of a prestigious scholarship namely R.K. Gupta Scholarship of Rs. 3 lakhs for a first year UG student of any discipline of 4-year B.Tech. program. The scholarship is being given to a student based solely on the family income above Rs. 5 lakhs in their first year of enrollment. However, the continuation of the scholarship after the first year is based on merit as per the norms established by the Senate Scholarships and Prizes Committee (SSPC) from time to time. Scholarships are the most highly visible and coveted form of prestige available to the students during their formal education. Beyond the much-needed financial aid they bring; scholarships attach a certain level of distinction and recognition to the career. Accessing quality education is costly and it is imperative that cost of education has always been an important concern for our students. Therefore, many students find themselves applying for loans to fund their education. These loans attract substantial interest rates that may be difficult to afford and repay in the future. MHRD has increased the tuition fees of UG students to Rs. 2 lakhs per year from academic year 2016-17 and hence our Institute has been trying to provide partial and full student scholarship support and merit awards to students who are not eligible for government scholarships. R.K Gupta scholarship is aimed at enabling needy and meritorious students to excel in their academic endeavour and turn their aspirations into a reality. This scholarship has been easing the financial burden of scholarly minds and paving their way to be successful in their pursuit of academic excellence.

Saves The Students from Debt:
Many students graduate from IITs with huge loan debts. The thought of repaying all the money limits their education. It also creates immense pressure on them for getting placed at good packages. This is the reason why most students can’t pursue careers, which don’t pay high salaries at entry level, even if they want to. On the other hand, a scholarship comes as a great support and allows students like you to follow your dreams.

It helps in empowering your academic and career goals by removing the financial barrier.

Earning scholarships are extremely prestigious. Since you get a scholarship on merit, getting one will leave a good impact on your future employers. Some competitive scholarships are so good that you can list them on your resume under accomplishments. It definitely stands out from the rest during job search.

R.K. Gupta Scholarship has been successfully taking care of the full tuition fees, expenses like boarding & lodging, books & supplies, health insurance, transportation, and other miscellaneous expenditure of the recipient.

“I would like to express my sincere gratitude for the tremendous support that you have provided me through this scholarship. Receiving this scholarship motivates me to continue to work hard. The Scholarship helped me to buy books, pay my tuition fees, hostel fees and expenses of attending sports and science camps organised in various colleges. This scholarship also helped me with expenses of attending Technical event organised by other colleges, which provides tremendous opportunity for sharing ideas and meeting people with similar interests. I am sincerely honoured to have been selected as the recipient of the R.K. Gupta Scholarship. More than backing me financially, it has motivated me to work hard and helped me in taking the decision to convert to dual degree. Your generosity has inspired me to give back to the community, I hope one day I will be able to help other students achieve their goals. I once again thank you for the scholarship.”

- Ashish Kumar Singh of B.Tech Electrical Engineering (recipient of the scholarship since 2018)
Mr. Ravi Sahuja
BT/ME/1966

Mr. Sahuja has been an exemplary leader of the Indian community in Massachusetts and the United States. He led the Indian American Forum for Political Education, especially through the troubled post 9/11 time, was elected its National Chair in 2006, and initiated the first nationwide Political Internship program for Indian American college students. He was elected as a member of Lexington (MA) School Committee in 2006 and has served on the Board of Trustees of Umass, Lowell. Mr. Sahuja is currently a business consultant with Apex Enterprises focusing on energy efficiency and alternate energy solutions and is a mentor for MIT and Boston University's Venture Mentoring Service. Mr. Sahuja was the founder and CEO of Tecogen for a period of 13 years. The company pioneered the design and manufactured commercial co-generation and ultra-low emission gas fired air conditioning systems. Tecogen was spun off from Thermo Electron where Mr. Sahuja worked for 14 years. He is currently engaged in getting IITK alumni involved with social projects to help improve the lot of Indians at the bottom of pyramid. Mr. Sahuja earned a doctorate and a master’s degree from MIT, and a B.Tech (ME) from IIT Kanpur.

”We want to help deserving students in covering their expenses partially through these scholarships. We are grateful for excellent education at IITK’66. This is a small payback as an expression of thanks.

- Mr. Sahuja”
IMPACT OF HIS GENEROSITY

STUDENT INITIATIVES:-
IIT Kanpur is pleased to extend its sincere thanks to Mr. Sakhuja for creating impact through the institution of student initiatives.

Mr. and Mrs. Sakhuja Have Instituted 6 Student Scholarships -
Ravi and Rohini Sakhuja MCM Scholarships: 4 nos. merit cum means scholarships for Mechanical Engineering students Ravi and Rohini Sakhuja Project Scholarships: 2 nos. Project Scholarships for those students who have ideas for development with innovation for potentially leading to a business with innovative content which are open to UG students of all Engineering Departments.

IMPACT OF HIS GENEROSITY ON STUDENT COMMUNITY:-
These Scholarships will help to lessen the impact of rising tuition costs. Tuition fees are on the rise nationwide and scholarships give access to higher education for students of all income levels. These Scholarships will decrease the number and amount of loans students need to take to complete higher education. Project scholarships will reward the innovative & creative spirit of the students thus motivating them to become entrepreneurs in future. Scholarships will teach philanthropy. As the student recipient of a scholarship, it is hoped that they will become philanthropic themselves and "give back" when they are financially stable.
Mr. Santosh Mehra
BT/EE/1966

Mr. Mehra is the Founder and owner of Mehra Tube, Inc which is the tier one global manufacturer of tube and hose that assembles for auto industry. He is the Founder and owner of Mehra Investments, Inc. which is a real estate investment company and the Founder and owner of Mehra Enterprises, LLC an investment holding company. He is a member of the Board of Directors of Bank of America Merrill Lynch. He is also part of the Advisory Board of the University of Michigan School of Music. He earned his M.E. from EE Brooklyn from N.Y University in 1967 and MBA from University of Michigan in 1970.
IMPA CT  OF HIS G ENEROSITY

STUDENT INITIATIVES:
Anita & Santosh Mehra Scholarship-IIT Kanpur is pleased to extend its sincere thanks to Mr. Mehra for creating impact through the institution of 5 student scholarships for 3rd year UG students of the EE department in 4-year or 5-year program based on the highest CPI.

Accessing quality education is costly. Therefore, many students find themselves applying for loans to fund their education. These loans attract substantial interest rates that may be difficult to afford and repay in the future. By offering partial tuition fee coverage, merit scholarships play a fantastic role in democratizing education and making it accessible for everyone. One does not need to pay back the scholarship money; being debt-free inspires students to become more productive in academic as they are now at liberty to pursue and thrive in their studies stress-free.

Merit scholarships are, perhaps, the most highly visible and coveted of scholarship opportunities available to the students. Beyond the much-needed financial aid they bring, merit scholarships attach a certain level of prestige and recognition to the career. These highly competitive scholarships are awarded based on achievement rather than need, and students must demonstrate an exceptional level of performance in academics. Scholarships will teach philanthropy. As the student recipient of a scholarship, it is hoped that they will become philanthropic themselves and "give back" when they are financially stable.

Anita and Santosh Mehra Scholarships have been successfully taking care of the partial tuition fees, expenses like boarding & lodging, books & supplies of the recipients for several years. Around 35 students have been awarded these coveted and esteemed scholarships since 2010 for their exemplary academic credentials.

"I am honoured to be a recipient of this scholarship in recognition of my academic performance. This scholarship would help me fund a part of the tuition fee and would also serve as a motivation to keep up my academic performance. I currently have a CPI of 9.98"
- Ayan Banerjee, Electrical Engineering Department

“Scholarships like these help students coming from poor families afford their college fees and relieve a significant burden on their parents. These also encourage the students to focus on studies rather than worrying about the money. This scholarship will help me pay my hostel fee, mess fee, canteen dues, etc and help relieve significant financial pressure off my parents."
- Chitoor Murari, Electrical Engineering Department
Mr. Ashok Singhal  
BT/EE/1983

Mr. Singhal had worked as a field engineer in Schlumberger. Then he worked with Sun microsystem as a distinguished engineer. Mr. Singhal was a Vice President at Hewlett Packard Enterprise. 3PAR was founded around 1998 and was originally called 3PARdata. Mr. Singhal is one of the founder members of 3PARdata. Mr. Singhal brings over 20 years of strong technical experience to his position at 3PAR. As a Sun Distinguished Engineer, he designed and specified the system interface and cache coherence protocol for the UltraSPARC III processor. He was awarded the President's Award in 1996 for his contributions to Sun servers. Earlier, he served as a field engineer for Schlumberger Wireline Services in the People's Republic of China (oilfield services) for two years.
IMPACT OF HIS GENEROSITY

IIT Kanpur is extends its sincere thanks to Mr. Singhal for creating impact in various ways:

STUDENT INITIATIVES:-
Providing support towards Travel advance for attending National & International conferences. There is a substantial increase in the number of applications from students over the years and the institute in many cases due to limited resources is unable to support the students. Thus, these funds help the students to promote excellence and facilitate research and it acts as a major factor in the Academic Ranking of the Institute. His offering has been of immense help for providing Cash awards to students for journal publications. Such awards boost the motivation of young budding minds and fosters the spirit of research and inquisitiveness. His support has aided students to carry on scholarly research, which increases the overall strength of their academic achievements and acts as a strong advocate for early-career researchers' active participation in conferences. The international stage is vital in determining future career directions for young scientists, with conferences and meetings opening collaborations, networking, and presenting opportunities.

E-CELL:
His contribution to the Batch Fund of 1983 was utilized to support Entrepreneurship Cell. E-Cell IIT Kanpur, aims to induce an entrepreneurial mindset into the students and promote an innovative streak in them. They water the 'ideas' in the bud and help them bloom into impactful endeavors through networking student enterprises from campus to incubators, seeding funds and angel investors to transform the newly proposed ideas into successful start-ups.

E-Cell organises a variety of events throughout the year to promote entrepreneurial activities in and around the campus. E-Summit is an annual flagship event of IIT Kanpur effectuated with the intention to foster entrepreneurial initiatives and activities in the campus to accomplish IIT Kanpur's mandate of nurturing India's future technopreneurs. TED is a global set of conferences run by the private non-profit Sapling Foundation, under the slogan "Ideas Worth Spreading". An event that caters to the budding startups of our country, Upstart stands apart from the conventional Start-up Competition and 10-minute pitching - we strive to give our participants more than just the prize. In association with Alumni Association, IIT Kanpur, E-Cell organises StartUp Master Class, a highly enriching and enlightening platform for entrepreneurs, graced by many famous personalities. It brings together startups, mentors and investors to build interactions and strengthen the network within the entrepreneurial community.
Mr. Mittal is the Founder and CEO of Predictika. He is a highly successful entrepreneur and an accomplished AI technologist. Mr. Mittal started his career as a research scientist at Xerox Palo Alto Research Center (PARC) with notable work in Artificial Intelligence and Constraint Reasoning. He was the President and CEO of Selectics Inc., a pioneer in internet sales and configuration solutions for large enterprises using AI constraint-reasoning technologies, where he built the company from scratch to a very successful $5B IPO in 2000. He was the co-founder and CTO of Spotzot, the leader in location-based delivery of retail offers over mobile devices. Mr. Mittal has had an illustrious career as a seasoned executive and has managed relationships with some of the largest companies in manufacturing, retail, and insurance.
IMPACT OF HIS GENEROSITY

Mr. Sanjay Mittal and his wife, Priti Mittal instituted the Sanjay Mittal Chair which is open to faculty from all the departments of sciences and engineering working in the areas of innovative computational algorithms. IIT Kanpur is pleased to extend its sincere thanks to Mr. Mittal for his thoughtful offering.

Sanjay Mittal Chair:-
Since its institution, 3 eminent faculty members were honoured during 2008 to 2018.

"It is a great honour to occupy the Sanjay Mittal Chair. With this, our group is enthused to work even harder in computational science to solve most challenging problems in the field..."
- Prof. Mahendra K Verma,
Department of Physics, Sanjay Mittal Chair

Prof. RRK Sharma of Industrial Engineering & Management Department held the Chair during 2015-2018.

Prof. Peeyush Chandra of Mathematics & Statistics Department held the chair during 2011-2014.

Prof. Sanjay Mittal of Aerospace Engineering Department held the Chair during 2008-2011.
Dr. Devendra Shukla
BT/CE/1967

Dr. Shukla is the Founder of one of the strongest environmental businesses in the north western region of United States. Innovative Technical Solutions (ITSI) is an award-winning infrastructure and environmental firm that has an extensive experience of working with the federal government departments and other agencies worldwide. Now, it is a wholly owned subsidiary of Gilbane Building company. In 2009, IIT Kanpur conferred upon him the Distinguished Alumnus Award for his outstanding entrepreneurial excellence and managerial skills.
IMPACT OF HIS GENEROSITY

IIT Kanpur is pleased to extend its sincere thanks to Dr. Shukla for creating impact in various ways:

FACULTY INITIATIVES:

Dr. Shukla New Faculty Fellowship was instituted with his generosity that supports and rewards young faculty and fostering their professional development as they strive to improve their teaching, carry on their scholarly and creative work, mentoring and reviewing students.

"It is a very proud moment for me and I thank you for creating this Fellowship for the recognition and nurturance of overall contribution to IIT Kanpur. Such an honor has driven me to reach newer heights in academics and research."

- Dr. Abhejeet Mohapatra, Department of Electrical Engineering

STUDENT INITIATIVES:

Dr. Shukla has instituted 2 student scholarships Shri. D.P. Shukla Scholarship and Smt. Shiv Kumari Shukla Scholarship for UG students of 4-year or 5-year program of any department based on merit-cum-means. The latter one is earmarked for girl students. These scholarships have been supporting meritorious and needy students for several years.

Shri D P Shukla Scholarship -
“I am highly thankful to you for creating this scholarship. I am obliged to you for showing your support to me. This scholarship will help me a lot in meeting my expenses related to education and to do a lot better as it will now be easy for me to buy books. This scholarship will also help me in covering my hostel fee and other related expenses. I am grateful to you for putting your faith in me and I will work hard to prove my worth.”

- Mayank Anupam, BT-MT Dual Degree, Electrical Engineering

Dr. Shukla also instituted Devendra Shukla Lecture Series where eminent speakers are invited at the IIT Kanpur who deliver talks on intriguing and thoughtful topics in an engaging style with different perspectives. These talks nurture academic excellence where the entire IIT Kanpur community consisting of students, faculty members, staff members, research scholars participate enthusiastically. Dr. Shukla extended his kind support to needy students of IIT Kanpur for buying laptops and necessary requirements for online education during pandemic.
Mr. Mittal had two options just after graduation from IITK in 1970 — to go to Princeton for PhD on a scholarship or stay in India. He chose the latter and worked with Union Carbide for 10 years. He switched from job to his own enterprise and set up special wire manufacturing unit Sukriti Vidyut Udyog making silver- and nickel-plated copper wires that are largely exported to Europe, USA, and the far east. He specialized in designing simple low-cost machines to produce high performance wires and cables. He continues to mentor college students and start-ups and guide them in their journey of entrepreneurship.
IMPACT OF HIS GENEROSITY

IIT Kanpur is pleased to extend its sincere thanks to Mr. Mittal for creating impact in various ways:

Recent Contribution:- Mr. Mittal instituted Smt. Savitri Devi Memorial Scholarship to support a female student of UG program (B. Tech/BS) based on merit and family income at IIT Kanpur. Scholarships are, perhaps, the most highly visible and coveted form of prestige available to the students during their formal education. Beyond the much-needed financial aid they bring; scholarships attach a certain level of distinction and recognition to the career. Accessing quality education is costly and it is imperative that cost of education has always been an important concern for our students.

FACULTY INITIATIVES:-
Mr. Mittal instituted Dr. Jag Mohan Garg Chair which promotes the recruitment and retention of some of the excellent faculty members worldwide. Since its institution, 4 eminent faculty members were honoured.

Dr. Jag Mohan Garg Chair-
"The chair award is helping in augmenting my research and teaching activities in terms of providing additional finance for small purchases, travel, etc"
- Prof. Ashish Dutta, Department of Mechanical Engineering

Contribution to Student & Community Welfare Activities-
Mr. Mittal extended his kind support to needy students of IIT Kanpur for buying laptops and necessary requirements for online education during Covid19 pandemic. He supported Opportunity School that provides education to the underprivileged children living in and around IIT Kanpur campus. Education to the underprivileged children is the only way to brighten their future through self-empowerment. And it is also the best way to eradicate child labour from society. He contributed towards Shiksha Sopan, a non-governmental organization (NGO) whose purpose is to impart value-based education to economically weaker section of the society. Its various activities are carried in and around the lush-green campus of IIT Kanpur. Shiksha Sopan’s philosophy stands on three pillars of Shiksha, Sanskar, and Swavalamban.
Mr. Sharma earned the Bachelor of Technology (Civil) with Honors from the University of Roorkee, India and did his Master of Technology (Structures) from Indian Institute of Technology, Kanpur, with specialization in Structural Dynamics. He worked as Structural Engineer with M/S SEMAC Private Ltd., an engineering consultancy firm from 1987-1992. He worked as Senior Structural Engineer with M/S Mahendra Raj Consultants Pvt. Ltd. at New Delhi from 1992 to 1995. He founded RSM Engineering Consultants in 1995 which is involved in analysis and design of building since 1995. The firm is very active in design of RCC, Steel and precast prestressed buildings like hospitals, hotels, schools, housing, factories etc. He Co-founded CSI Engineering Software Pvt. Ltd. in the year 2011.
IMPACT OF HIS GENEROSITY

IIT Kanpur is pleased to extend its sincere thanks to Mr. Sharma for his Invaluable contribution to The National Information Centre of Earthquake Engineering (NICEE - established 1999) at IIT Kanpur. The importance of Seismic Safety needs no further amplification as human societies have been devastated repeatedly due to lack of preparedness to face earthquakes. Consequently, promoting an earthquake-resistant built environment has been the prime activity of NICEE.

Activities of NICEE

- Information sourcing and maintenance
- Special Literature
- Information Dissemination
- Translations
- Outreach
- Technology

- Inter School quiz on earthquake tips
- Quarterly periodical Earthquake Engineering Practice
- IITK BMTPC Earthquake tips is recognized for its publication
- Annual Workshops for UG students of Architecture
- Active dissemination of books, monographs & Cdss
- PG Literature review Workshop
Mr. Deepak Devraj is the Managing Director of private investment firm Rush Brook Partners in the US. He is also the Founder and managing director of the New Jersey-based private investment firm Raj Associates with investments in real estate, and public and private securities. His work experience also includes 24 years at Merrill Lynch managing a team of 700 investment professionals and he retired as senior vice president and a member of the firm’s executive management committee. Mr. Devraj also serves on Pratham USA’s board of directors. On being appointed as the director of Pratham, USA, Mr. Devraj said, “For two decades, Pratham has been singularly focused on improving the quality of education for India’s poor. I believe it represents our single brightest hope for educating India’s children, and I am honoured and humbled by the opportunity to help Pratham achieve its mission to have every child in school and learning well.” He is also the Founder of the Raj Center on Indian Economic Policies at Columbia University. Post his graduation from IITK in Electrical Engineering, he earned his MBA from Northeastern University, Boston.
IMPACT OF HIS GENEROSITY

FACULTY INITIATIVE:-
Mr. Devraj set up Shri Deva Raj Chair in his father’s name and it is open to faculty of all departments. The Chair can be occupied for a period of three years. Our faculty proudly hold Chair Professorships, as it recognizes their accomplishments and further motivates them to work on their ground-breaking research and innovating teaching paradigms. This chair fuels the growth and expansion of IIT Kanpur at the national and international levels.

Mr. Devraj has generously contributed through Annual gift program. The donations collected were used exclusively for activities that are not covered by government grants and were aimed at promoting excellence amongst students. International Travel Support and Cash Awards to students for publication of papers in ISI Web Journals were provided.

Mr. Devraj extended his kind support to needy students for buying laptops and necessary requirements for online education during pandemic.

Deepak Devaraj Chair:-
Since it’s institution, 4 eminent faculty members were honoured. “Shri Deva Raj Chair is not only recognition of the sustained effort to bring socially-culturally relevant issues under the ambit of scientific research tradition, but also a source of encouragement to take-up realistic problems for study and research.”
- Prof. Braj Bhushan, Department of Humanities and Social Sciences.

Prof. Sandeep Verma of Chemistry Department held the Chair during 2011-2018.

Prof. Kalyanmoy Deb of Mechanical engineering Department held the Chair during 2007-2010.
“I have found that among its other benefits, giving liberates the soul of the giver.”

-Maya Angelou
“Generosity is the most natural outward expression of an inner attitude of compassion and loving kindness.”

-The Dalai Lama
Mr. Rao Remala is an former Indian software developer, now angel investor, and philanthropist. He was the first Indian to be hired at Microsoft in 1981. He was one of the lead developers of the first version of Microsoft Windows. He holds a bachelor's degree in Electrical Engineering from NIT Warangal. Prior to joining Microsoft, he worked at HCL. Rao Remala was born in T. Kothapalem, a small village in Andhra Pradesh, India. He graduated with highest honors from REC Warangal College, India in 1972. He also earned a master's degree in computer science from IIT - Kanpur, India and was a PhD candidate at the University of Washington. He was the first Indian to write the first line of code of Windows (then called Interface Manager).

He architected, developed, and managed such Microsoft flagship products as Basic, Cobol Compiler, Windows 1.0, Windows 2.0, OLE 1.0, OLE 2.0, Office 95, and Office 97. He also held a range of positions - from individual contributor to group manager to product unit manager to director of research and development to GM in his 23 year long career there. Mr. Remala also holds various patents at Microsoft. Mr. Remala retired from Microsoft in 2004. Now retired, he travels the world and funds a few charitable projects, including a foundation, named after his family, which is building an eye hospital in his village in Andhra Pradesh.
IMPACT OF HIS GENEROSITY

IIT Kanpur is pleased to extend its sincere thanks to Mr. Rao for instituting the Rao Ramela Fund, and for creating impact in fostering research & development for the students of Computer Science & Engineering Department, IIT Kanpur. These funds are of immense help to the PhD scholars of CSE department as they provide opportunity for interaction with international researchers, boost the motivation, aid in problem selection, research approach and permit them to present their work in the best international forums. It also motivates students to carry on scholarly research, which increases the overall strength of their academic achievements and acts as a strong advocate for early-career researchers’ active participation in conferences.

In 2018-19, A team comprising of undergraduate students Tushar Goswamy (170761), Vatsalya Tandon (170785) and Surya Teja (160729) secured the 2nd Runner’s Up position at the National Finals of the Credit Suisse Machine Learning Hackathon 2018. The event witnessed participation from 9107 students and corporate employees, 571 teams and finally 15 teams in the finale. We were the youngest and among the few college teams participating in the event and managed to defeat the experienced and skilled corporate teams working at reputed organizations like Deutsche Bank, Larsen and Toubro Finance, Infosys, TCS etc. Some of the participants were experienced data scientists who had won at the Global level on Kaggle Competitions. The travel expenses of the team were borne by the Rao Ramela Fund.

In year 2020, Rao Ramela fund was used to pay the registration fee of nine faculty members and six PhD students toward participation in the REACH symposium. REACH symposium is an interdisciplinary summit among multiple departments of IIT Kanpur to encourage faculty members and PhD students to take up interdisciplinary research.
Mr. Jitendra Nath Gupta BT/EE/1977

Mr. Gupta has held the position of Executive Director, Securities and Exchange Board of India in Mumbai. Prior to this, Mr. Gupta has served as the Group CFO of Kazstroy Service Group. Mr. Gupta has held senior positions in State Bank of India, Grasim Industries Limited, Indo Gulf Fertilisers and Kazstroy Service Group and has worked in SEBI from July 1994 to July 1996. A B. Tech in Electrical Engineering from IIT, Kanpur, Mr. Gupta also holds qualifications in CAAIB and Certified Financial Analyst (CFA).
Mr. Jitendra Nath Gupta instituted Shri Jagdeo Narain Gupta & Smt. Murti Devi Gupta Chair open to all professors of Chemical and Electrical Engineering Departments on rotational basis. IIT Kanpur is pleased to extend its sincere thanks to Mr. Gupta for his thoughtful offering. Since the institution of this chair, 4 eminent faculty members were honoured.

“I am pleased to receive the Jagdeo Narain Gupta and Smt Murti Devi Gupta Chair at IIT Kanpur. This honor inspires us to continue our journey and make meaningful contributions to teaching and research.”
- Prof. Jitendra K Bera, Department of Chemistry

Mr. Gupta has also generously contributed to Class of 1977 fund which has been supporting the Students-Undergraduate Research and Graduate Excellence program. This is an 8 weeks long program, where a small number of selected undergraduate students from top engineering colleges from all over India are given an opportunity to explore research and to experience the academic atmosphere of IIT Kanpur. Under the SURGE program, students undertake short duration, but focused research project and push their intellectual abilities beyond those driven by the classroom. SURGE provide students with unparalleled research opportunities.

Prof. Sankar Prasad Rath of Chemistry Department held the Chair during 2017-2020.

Prof. S N Singh of Electrical Engineering Department held the Chair during 2013-2016.

Prof. R.P. Chhabra of Chemical Engineering Department held the Chair during 2009-2016.
Dr. Singh is an entrepreneur who, along with his wife, Dr. Neera Singh, founded the LCC (Lightbridge Communications Corporation) International, a world leader in providing wireless voice and data turn-key services to the telecommunications industry along with his wife Dr. Neera Singh. Dr. Singh has been instrumental in the academic and professional development of the wireless telecommunications industry. He was honoured with the Distinguished Alumnus Award by IIT Kanpur in 2001.
IMPACT OF HIS GENEROSITY

Dr. Rajendra Singh and his wife, Neera Singh instituted the Raj and Neera Singh Chair which is open to faculty from the Department of Chemical Engineering. IIT Kanpur is pleased to extend its sincere thanks to Dr. and Mrs. Singh for their thoughtful offering.

Raj And Neera Singh Chair:-
Since its institution, 3 eminent faculty members were honoured. Our faculty proudly holds Chair Professorships, as it recognizes their accomplishments and further motivates them to work on their ground-breaking research and innovating teaching paradigms. This chair fuels the growth and expansion of IIT Kanpur at the national and international levels.

Prof. Nishith Verma of Chemical Engineering Department held the Chair during 2011-2018

Prof. Anil Kumar of Chemical Engineering Department held the chair during 2007-2010.

Prof. Siva Kumar, Department of Chemical Engineering
Dr. Gurmukh D. Mehta was Corporate Technical Fellow and Vice President at Science Applications International Corporation (SAIC). After 31 years he retired as Chief Scientist and Chief Engineer in the Marine Systems Operation. SAIC was the largest employee-owned R&D Corporation in the US, providing Systems Design, engineering, Integration, and eSolution to the US Government for large complex systems. Dr. Mehta is nationally recognized for supporting the US Navy in the design, development, production, testing, simulation and deployment of one-of-a-kind systems, including Tomahawk Cruise Missiles for over 25 years. He is a fellow of the American Society of Mechanical Engineers (ASME), and was International Executive Advisor and past Chairman of ASME Washington DC Section. As Chair of the Advisory Board, Dr. Mehta guided the ME department of Howard University through the accreditation process.

He is a volunteer of the Science of the Soul (SOS) International Philosophical Society, and the Radha Soami Satsang Beas Society for over 40 years and is responsible for the establishment of SOS Study Center in Washington DC.
IMPACT OF HIS GENEROSITY

Dr. Gurmukh Mehta has instituted the Gurmukh D. Mehta & Veena M. Mehta Chair for Mechanical Engineering Department. IIT Kanpur is pleased to extend its sincere thanks to Dr. Mehta for his thoughtful offering. Since its institution, 4 eminent faculty members were honoured.

“...I am highly grateful, and I truly appreciate the confidence that IIT Kanpur has shown in me by supporting me through Dr. Gurmukh D. and Veena M. Mehta Chair Professorship. This has tremendously helped me shape my career with academic and scholastic achievements.”
- Prof. Shantanu Bhattacharya, Department of Mechanical Engineering

Prof. Bishakh Bhattacharya of Mechanical Engineering Department held the Chair during 2014-2017.

Prof. Kalyanmoy Deb of Mechanical Engineering Department held the Chair during 2011-2014.

Prof. Gautam Biswas of Mechanical Engineering Department held the Chair during 2007-2010.

STUDENT INITIATIVE:-

Dr. Mehta has also instituted the prestigious Mehta M.Tech Gold Medal for the M.Tech student of Mechanical Department which is awarded during Convocation every year. “It is very special to me to get recognition for my performance during one of the most challenging periods of my life. Such an award at this stage of education life is surely encouraging.”
- Ashutosh Shirude, M.Tech, ME Department, recipient of Mehta M.Tech Gold Medal in 2020 has expressed his gratitude.
Mr. Vrajesh Lal (BT/MME/1970) constituted Prof. B.B. Lal Chair in the honour of Prof. B.B. Lal. Mr. Vrajesh Lal completed his MBA from University of Southern California - Marshall School of Business. He is the founder CEO the Wrapper USA, a leading women’s fashion firm and is involved in a number of philanthropic activities. He was a Director on the Board of State Bank India (California) and also on the Board of Villa Esperanza Services, which has been at the forefront of creating programs to give the developmentally disabled the chance to learn, work and play with others. Today, Villa serves 24 school districts and over 41 cities in Los Angeles and Ventura counties. Villa serves people with a wide variety of disabilities including autism, Down syndrome and cerebral palsy.

Prof. Braj Bansi Lal, a renowned archaeologist, was the Director General of Archaeology Survey of India from 1968 to 1972. His excavations vary from Palaeolithic times to early historical times. At Kalibangan, Rajasthan, he unearthed a prosperous city of the Indus Civilization. In Egypt, he conducted excavations that threw light on Egyptian prehistory. In the year 1976, Asiatic Society, Bengal, awarded him S.C. Chakravarti Medal, & in the year 1979, Nava Nalanda Mahavihara conferred him with the title Mahamahopadhyaya.
FACULTY INITIATIVES:-
Mr. Lal set up Prof. B.B. Lal Chair in his father’s name for faculty working in aspects of archaeology like recovery and analysis of artifacts, architecture, GEO Mapping, cultural landscapes, space archaeology, environmental and geological aspects like river mapping and locating disappeared rivers (Saraswati), and Technology applications like LiDAR, Remote sensing, Satellite Imaging, Carbon Dating and any other technology domain which has application in archaeology. The Chair can be occupied for a period of three years. Our faculty proudly holds Chair Professorships, as it recognizes their accomplishments and further motivates them to work on their ground-breaking research and innovating teaching paradigms. This chair fuels the growth and expansion of IIT Kanpur at the national and international levels. Since its institution, 3 eminent faculty members were honoured namely, Prof. Onkar Dixit, Prof. Javed Malik & Prof. R. Balasubramaniam.

young faculty members of IIT Kanpur, for their sincere and commendable contributions to research, teaching and technology development. These fellowships aid in building a powerful foundation of faculty talent that enriches the academic environment which attracts meritorious students.

“Wish to express gratitude to the donor for the honour which will strengthen collaboration with the Archaeological Survey of India (ASI) for digital archiving and documentation of archaeological monuments and antiquities and capacity building in this area, “
- Prof. Onkar Dixit, Department of Civil Engineering

Mr. Lal has also generously contributed towards Class of 1970 Fund. Some of the alumni members of Class of 1970, IIT Kanpur contributed generously towards creation of an endowment to support 3 young faculty fellowships at their alma mater. The fellowships are open to young faculty members of all departments who are below 40 years of age. These Fellowships have been set up to acknowledge and honor the
Prof. Jalote is a Distinguished Professor of Computer Science & Engineering at IIIT Delhi. He was the founding Director of IIIT-Delhi from 2008-2018. Earlier, he has also been an Assistant Professor at University of Maryland College Park, Professor and Head of Computer Science Department at IIT Kanpur, and Chair Professor at IIT Delhi. He has also been Vice President at Infosys for 2 years, Visiting Researcher at Microsoft in Redmond for 1 year, and Interim Vice Chancellor of Delhi Technological University (DTU) for six months. He has a B.Tech. from IIT Kanpur, MS from Pennsylvania State University, and Ph.D. from University of Illinois at Urbana-Champaign. He is the author of five books, some of which have been translated in Chinese, Japanese, Korean etc, and the Indian edition of his text on Software Engineering was adjudged the bestselling book by the publisher. His main areas of interest are Software Engineering and Higher Education. He has served on the editorial boards of IEEE Transactions on Software Engineering, Intl. Journal on Empirical Software Engineering, and IEEE Trans. on Services Computing. He is a Fellow of the IEEE and INAE.
IIT Kanpur is pleased to extend its sincere thanks to Prof. Jalote for creating impact in various ways. The institute continues to recognize the invaluable support of Prof. Jalote and the fund has been instrumental in nurturing the overall excellence for several years.

FACULTY INITIATIVES:-
Prof. Jalote instituted the Best Teacher Award in CSE Department. This award has been an integral part of the reward system in IIT Kanpur which promotes overall teaching excellence and innovation, and it acknowledges individual faculty who have an extraordinary impact on student learning because of their exceptional collaboration, innovation, and dedication to students.

Best Teacher Award in CSE:-

Prof. Mainak Chaudhari | 2019 - 20

Prof. Surender Baswana | 2018 - 19

STUDENT INITIATIVES:-
Prof. Jalote instituted the Best Software Award given to a graduating student or a group of students of any discipline. The software developed could be a part of a UG project or any other course project. This award is being given every year during Convocation. This prestigious award motivates the budding young students towards technology development. This award boosts innovation, critical thinking and celebrate those in the research community who go above and beyond to make a difference. “During my Master’s thesis, I created a solver which accurately predicts the gas recovery from Natural Gas Hydrate deposits. With the help of simulations performed using this software, I justified the utility of combined techniques for achieving sustainable and enhanced gas production. I believe I was chosen for this award due to the potential impact of my work and the fact that it would be open sourced after some time and will benefit the community. As I graduate, the award and the accompanying scholarship gives me great confidence and encouragement to do well professionally in future. Once again, I wish to thank you wholeheartedly for creating this award which will keep encouraging many students like me in future.”

- Akash Kumar Gupta, awardee of 2020.
Mr. Prashant Kumar Tewari
BT/ME/1979

Mr. Tewari is the Managing Director of USV Pvt. Ltd., an Indian multinational pharmaceutical & biotechnology company based in Mumbai, Maharashtra. It is a leading pharmaceutical company in diabetes and cardiovascular fields in India. The Company was founded by Vithal Balkrishna Gandhi, grandfather of Mrs. Leena Gandhi Tewari, who is the Chairperson of the Company. The R&D focus of the company is on small-molecule active pharmaceutical ingredients, Biosimilars along with custom research services for drug development.
IMPACT OF HIS GENEROSITY

Mr. Prashant Tewari & Mrs. Leena Gandhi Tewari instituted USV Chair which is open to all the departments of science & engineering for a period of three years. IIT Kanpur is pleased to extend its sincere Thanks towards Mr. and Mrs. Tewari for their thoughtful offering.

USV Chair:
Since its institution, 4 eminent faculty members were honoured.

"Every effort was made to give the ongoing research work, which led to a good number of publications and research output. I am highly thankful to the donor for endowing the chair position."
- Prof. MLN Rao, Department of Chemistry, USV Chair

Prof. Manas Ghorai of Chemistry Department held the Chair during 2015-2018

Prof. R. Sankararamakrishnan of Biological Sciences and Engineering Department held the Chair during 2011-2014
Mr. Gangwal is an Indian American businessman who is the cofounder of IndiGo airlines. He was the Chairman, President and CEO of Worldspan from 2003-2007. Mr. Gangwal also served as the President and CEO of US Group Airways from 1998-2001. His long association with the airline industry began in 1980, when as an Associate of Booz Allen & Hamilton, Inc, he worked closely with United Airlines. After he joined United Airlines in 1984, he held a series of positions at United. Previously, Mr. Gangwal had been a financial analyst in the product development group of Ford Motor Co. and a production and planning engineer with Philips India Ltd. After graduating from IITK, Mr. Gangwal earned his MBA Wharton School of the University of Pennsylvania (1979). Mr. Gangwal is the Distinguished Alumnus (2000) of IITK. In 1999, he was recognized by Business Week magazine as one of the 25 top global executives.
IMPACT OF HIS GENEROSITY

Mr. Rakesh Gangwal instituted the Champa Devi Gangwal Chair which is open to faculty from all the departments of sciences and engineering. Mr. Gangwal instituted the Champa Devi Gangwal Chair in honour of his mother. IIT Kanpur is pleased to extend its sincere thanks to Mr. Gangwal for his thoughtful offering.

Champa Devi Gangwal Chair:-
Since its institution, 4 eminent faculty members were honoured.

"I pledge to continue contributing to the best of my ability to IIT Kanpur, as a centre of academic excellence through teaching, research and interaction with IIT Kanpur".
- Prof. Kamal K Kar, Department of Mechanical Engineering

Prof. T Ravichandran of Humanities and Social Sciences Department held the Chair during 2015-2018.

Prof. Sanjay Mittal of Aerospace Engineering Department held the Chair during 2011-2014.

Prof. Deepak Gupta of Material Science and Engineering Department held the Chair during 2008-2011.
Mr. (Late) Kamal Agarwal
BT/CHE/1972

Mr. (Late) Agarwal received his MBA (Finance) from the University of Maryland in 1975. He joined a Washington based company of Ship Brokers dealing primarily with United States Government Food Aid Programs and became a partner in the firm in 1983. In 1991 he founded a new ship brokerage company, Phoenix Chartering Inc. in Washington. He sold the company and retired in January 2005.
IMPACT OF HIS GENEROSITY

Mr. (Late) Kamal Agarwal and his wife Katherine instituted the Satish Chandra Agarwal Chair which is open to faculty from all the departments of sciences and engineering. Mr. Agarwal instituted the Satish Chandra Agarwal Chair in honour of his father. IIT Kanpur is pleased to extend its sincere thanks to Mr. and Mrs. Agarwal for their thoughtful offering.

Satish Chandra Agarwal Chair:-
Since its institution, 4 eminent faculty members were honoured.

"I express my sincere appreciation and gratitude to the Chair for motivating me to do good work for the Institute as well as Industries. It is highly encouraging for me to become more productive in terms of getting sponsored projects, setting up good contacts with industries, guiding research students, and publishing high quality patents and scientific articles."

- Prof. Kallol Mondal, Department of Material Science and Engineering

Prof. M K Harbola of Physics Department held the Chair during 2011-2014.

Prof. Pradip Sinha of Biological Sciences and Bio Engineering Department held the Chair during 2008-2011.

Prof. Jitendra Bera of Chemistry Department held the Chair during 2015-2018.
Mr. Gupta is the CEO of Silicon Valley & former CEO of Keynote Systems. He has been credited with writing the first business plan for Oracle Corporation. Mr. Gupta was also the founder and chief executive of Gupta Technologies, a client/server database, and tools company, from 1984 to 1996. In 2000 Mr. Gupta was honoured with of the Shreyas Mavanooor Foundation Award for Civic Leadership and Philanthropy. Mr. Gupta served on the board of the Peninsula Community Foundation, California, now known as the Silicon Valley Community Foundation. He along with his wife Ruth were donors to, and served as board members of PARCA, a non-profit organization in the Bay Area of California devoted to the needs of the developmentally disabled and their families, and helped to found Raji House, a respite home for the developmentally disabled, located in Burlingame, California. He was honoured with the Distinguished Alumnus Award by IIT Kanpur in 1997.
IMPACT OF HIS GENEROSITY

Mr. Umang Gupta instituted the Umang Gupta Chair open to all departments of sciences and engineering. IIT Kanpur is pleased to extend its sincere thanks to Mr. Gupta for his thoughtful offering. Since its institution, 4 eminent faculty members were honoured.

The Umang Gupta Chair position at IIT Kanpur has helped me further strengthen my my research group in general and make significant contributions to the focused areas of research in particular, thus contributing to IIT Kanpur.

-Prof. Rajesh Hegde, Department of Electrical


Prof. S P Mehrotra of Material Science and Engineering Department held the Chair during 2011-2014.

Prof. Vinod K Singh of Chemistry Department held the Chair during 2008-2011.

Mr. Gupta has generously contributed through Annual gift program. The Programme pools a large number of small donations into a substantial amount. The donations collected are used exclusively for activities that are not covered by government grants and are aimed at promoting excellence amongst students. International Travel Support to students and Cash Awards to students for publication of papers in ISI Web Journals were provided. Mr. Gupta also donated for mess workers' pension fund for those who work at various hostels at IIT Kanpur.
Mr. Lalit Mohan Kapoor  
BT/CHE/1971

Mr. Kapoor is the Founder, President and CEO of Group BiGates Inc., USA, established in the year 2000. BiGates is an IT outsourcing company that provides business solutions to enterprises across the USA, primarily focusing on ERP Solutions. Mr. Kapoor is empowering people to get off all chronic diseases by educating them in plant based whole food nutrition and active intermittent fasting lifestyle.

“My focus is on helping IITians improve health and get off all medications for any chronic diseases,” in the words of Mr. Kapoor.
IMPACT OF HIS GENEROSITY

Mr. Lalit Mohan Kapoor instituted the Lalit Mohan Kapoor Chair which is open to faculty from all the departments of sciences and engineering. IIT Kanpur is pleased to extend its sincere thanks to Mr. Kapoor for his thoughtful offering.

Lalit Mohan Kapoor Chair:-
Since its institution, 4 eminent faculty members were honoured.

"It has been a great honour to have the Lalit Mohan Kapoor Chair Professorship and I am grateful to the donor and the institute for this. I have been proudly using this association in my resume and this has certainly added to my recognition in the academic community."
- Prof. Rajiv Sinha, Department of Earth Sciences, Lalit Mohan Kapoor Chair

Prof. Ashok Kumar of Biological Sciences and Bio Engineering Department held the Chair during 2015-2018.

Prof. J N Moorthy of Chemistry Department held the Chair during 2011-2014.

Prof. V Chandrasekhar of Chemistry Department held the Chair during 2008-2011.
Mr. Saluja is an entrepreneur and philanthropist in the San Francisco area of California, USA, with degrees in civil, agricultural, and environmental engineering. For over 40 years, Mr. Saluja has focused on the creation, acquisition, and growth of companies throughout the United States, England, Canada, and India. Mr. Saluja’s philanthropic interests include supporting organizations in the fields of medicine, technology, and education.

**IMPACT OF HIS GENEROSITY**

Mr. Saluja established 8 educational scholarships namely K.N. Saluja Scholarship, in his father’s name, as his father, the late Shri K. N. Saluja, was also a staunch supporter of education, particularly the field of engineering. “It’s important to give back, especially to the communities where we came from and were a part of our formational years. It’s an honor to support IIT Kanpur and its educational mission.” These scholarships have been awarded to meritorious undergraduate students of Civil Engineering Department and have been instrumental in nurturing their academic endeavour. The recipients have been immensely benefitted not only by boosting their confidence but also easing their financial burden.
Mr. Vineet Gupta
BT/CSE/1989

Mr. Gupta did his B.Tech in Computer Science and Engineering from IIT Kanpur in 1989. He started graduate school at Stanford University’s Computer Science department. There he worked in the Theory Division and studied algebraic models for concurrent computation. He graduated from Stanford in 1994. He worked at Xerox PARC during the summer. After graduation, he joined PARC to work on a NASA project for modeling electromechanical systems. In 1997, he moved to the NASA Ames Research Center, to work at the Autonomous Systems Group on using hybrid modeling and analysis for building model-based autonomous systems. In 2003, he joined Google and has been working on Search Quality. He is also currently working in the Machine Learning theory group in Google Brain and on modeling and analysis of probabilistic and hybrid systems.

IMPACT OF HIS GENEROSITY

He has generously contributed through Annual gift program which were aimed at promoting excellence amongst students through International Travel Support to students and Cash Awards to students for publication of papers in ISI Web Journals. He also contributed towards Class of 1989 Fund which supports a Faculty Award for Enhanced Learning. He has also contributed for a community welfare activity namely Apna School Fund.
Mr. Dubey served as Board Member at Uniken. He has a Bachelor’s degree in Chemical Engineering from IIT Kanpur. Been in IT industry for over 30 years. He was Vice President at Infosys, and Head of Infosys Pune Development Center. He was the COO at Persistent Systems Pvt. Ltd. and is on the board of several IT companies. He serves as Angel Investor at Uniken who has 36 years of experience with IT firms such as Infosys, Patni Computer Systems, Persistent Systems and Uniken.

**IMPACT OF HIS GENEROSITY**

He has instituted Mrs. Madhuri Dubey Scholarship and Mrs. Vidyavati Dubey Scholarship for our UG & PG students.

Msc Statistics student Joydeep Goswami thanked Mr. Dubey, “This scholarship will be a great help for me with my hostel charges and other educational expenses. My 1st sem CPI is ‘7.3’ and My AIR was 34 in the JAM examination. This scholarship is given to me so that I can concentrate more on my education rather than thinking about my expenses.”

Vinek Nain of Msc Chemistry expressed his gratitude, “With the scholarship I could buy those books which have just one copy in the library and they helped me to crack various competitive exams”.
Mr. Gautam (BT/CHE/1975) is the Director of Sheela Foam and Chairman of Joyce Pvt. Ltd. In 1971, he, along with his mother, founded one of India’s largest foam manufacturing company, Sheela Foam, branded as Sleepwell mattresses. Under the leadership of Mr. Gautam, his company expanded wings offshores as well setting up manufacturing units in Australia. He has more than 45 years of experience under his belt in manufacturing of home products and PU foam industry. The Sleepwell Foundation, set up by Mr. Gautam, caters to various Corporate Social Responsibility initiatives in education and sports. IITK conferred upon him the Distinguished Alumnus Award (2017).

**IMPACT OF HIS GENEROSITY**

Mr. Gautam, along with his wife, Mrs. Namita Gautam, instituted the Rahul & Namita Gautam Chair that is open to all professors from all the departments for a period of three years.

"I thank Shri Rahul and Namita Gautam for establishing this chair at IIT Kanpur. This has helped me to motivate to do better science," in the words of Prof. Vinod Kumar Singh, Department of Chemistry. This chair has been honoring the accomplishments of eminent faculty and motivating them to excel in their pursuit of academic excellence.
Professor Kesav is executive Director and executive Vice President of Tata Consultancy Services (TCS) and is one of the pioneers of TCS’s computer-based adult literacy programme which has been successful all over India and in South Africa. Prof. Nori has a distinguished career that has alternated between academics and industrial research within TCS. Previously, Prof. Nori was with the Tata Research Development and Design Centre (TRDDC), the R&D wing of TCS. He received his MTech from IIT Kanpur where he continued to work as a senior research associate from 1968 to 1970. Prof. Nori then became a research scientist at the Computer Group in the Tata Institute of Fundamental Research (TIFR). He then returned to teach at IIT Kanpur. In addition, Prof. Nori was Visiting Faculty at Carnegie Mellon University (CMU) in Pittsburgh, USA and finally returned to TRDDC and TCS.

**IMPACT OF HIS GENEROSITY**

He has contributed generously towards Student Scholarship Fund and Annual Gifting program.
Mr. Rajagopal is currently Vice President of Products and Solutions at Gigamon, where he is responsible for all aspects of Gigamon’s product and solutions strategy including the definition, positioning, promotion, and lifecycle management of Gigamon’s entire product portfolio. Prior to Gigamon, he was with Brocade (previously Foundry Networks), where he was VP Product Management & Strategy, leading their Service Provider and Data Center Routing business. Before Brocade/Foundry, Mr. Rajagopal was with Ascend Communications, subsequently acquired by Lucent Technologies, where he led software development for their broadband access product portfolio and was responsible for the industry’s first commercial deployments of IPTV. He holds a Bachelor of Engineering degree from the University of Mysore, India, a Master of Engineering degree from IIT, Kanpur, India and received his MBA in Technology Management from Santa Clara University.

**IMPACT OF HIS GENEROSITY**

He contributed generously towards the B.Tech scholarship fund and Prof. Sanjeev Agarwal Endowment Fund for supporting scholarships for the underprivileged and meritorious students of IIT Kanpur.
Mr. Atal Bansal
BT/EE/1995

Mr. Bansal is the founder and CEO of Chetu, a global software solutions and support services company with nearly 1,800 employees in 14 locations throughout the U.S., Europe and Asia. His passion crosses all aspects of his business. From overseeing operations and account management to client acquisition; his technical expertise and business acumen have allowed Chetu to quickly climb the Inc. 5000 list of America’s fastest-growing private companies for six consecutive years.

IMPACT OF HIS GENEROSITY

He has contributed generously towards the Class of 1995 Silver Jubilee Reunion Fund that will support the renovation of the iconic fountain near the PK Kelkar Library of IIT Kanpur.
Mr. Abhay Singhal
BT/EE/2001

Mr. Singhal did his B. Tech in Electrical Engineering from IIT Kanpur in 2001. He drives the company's global business, enabling the world’s leading brands to reach over 1.3 billion people in over 190 countries. Prior to his current role as CEO, he held several different executive positions within InMobi including Chief Revenue Officer and Head of Human Resources. He was recognized as one of India’s most influential and impactful young business leaders by the Economic Times 40-Under-Forty in 2018. During his time as CRO, Mr. Singhal drove record revenue growth globally across China, Asia Pacific, and the U.S. markets, helping InMobi be recognized as one of the 50 most disruptive companies by both CNBC and MIT Technology Review. He is based in the San Francisco Bay Area. Mr. Abhay Singhal was conferred with the Distinguished Alumnus Award, 2013 from IIT Kanpur.

IMPACT OF HIS GENEROSITY

Mr. Singhal has generously contributed to the Class of 2001 fund.
Mr. Akhoury was the Chairman & CEO of MacKay Shields, a multimillion product investment management firm. Known for his investment management business skills, Mr. Akhoury worked with high-ranking multinational corporates such as Fischer, Francis, Tress & Watts, and Equitable Life as Vice-President. After obtaining B. Tech degree from IITK, Mr. Akhoury obtained an MS in Quantitative Methods from the State University of New York at Stony Brook. He was honoured with the Distinguished Alumnus Award by IIT Kanpur in 2007.

**IMPACT OF HIS GENEROSITY**

Mr. Akhoury set up Gireesh Jankinath Chair in the memory of his late mother. The Chair is open to all the departments of engineering & sciences can be occupied for a period of three years.

"I express my deep sense of gratitude for the honor of being selected for the Gireesh Janakinath Chair at IIT Kanpur. It has indeed been a very enriching journey for me and I thank the donor (Mr. Ravindra Nath Akhoury) for creating this Chair for the recognition and nurturance of overall contribution to IIT Kanpur."

- Prof. Dhirendra S. Katti, Department of Biological Sciences and Bio Engineering.
Mr. Deepak Bhagat
BT/EE/1973

Mr. Bhagat is one of the most esteemed alumni of the Institute who has played a pivotal role in forging strong ties between the Institute and its alumni. He is one of the founding members of the IITK Foundation that raises funds for the Institute in the USA. He is also the Founder of the West-Coast Chapter of the IITK Alumni Association in Silicon Valley and takes an active interest in mentoring and helping young alumni. Mr. Bhagat is a high technology leader with over 37 years of diverse experience of working in Silicon Valley. Throughout his career, he has worked with some of the biggest technologies and products and generated billions of dollars in revenues. In 2001, IIT Kanpur conferred upon him the Distinguished Alumnus Award in recognition of his outstanding managerial skills and his contributions towards building institute-alumni relationships of a high order.

IMPACT OF HIS GENEROSITY

He had instituted Dr. D. R. Bhagat Scholarship, contributed towards the Class of 1973 fund, COVID-19 relief fund and provided invaluable support to undergraduate students of IIT Kanpur for online education during the pandemic.
Mr. Lal are the parents of the (Late) Avijit Lal, B.Tech (MME), Class of 2002.

**IMPACT OF HIS GENEROSITY**

It is at their request that the Institute has set up a scholarship fund, named Avijit Lal Memorial Scholarship in their son's memory, for which they have provided the initial corpus. The fund provides scholarship assistance, on merit cum means basis, to a deserving B.Tech student in his entry year and is aimed at helping him through the entire 4 year program, provided his performance is in line with the prescribed performance standards. The Scholarship Fund is open to contribution by all alumni, friends & relatives; generous assistance would help it achieve what is obviously a noble cause.
Mr. Narula is the founder and managing director of Metacapital Management. He founded the company in 2001. Mr. Narula was earlier a Senior Trader and Mortgage Strategy Head at Lehman Brothers. Mr. Narula did his B.Tech in Electrical Engineering from IIT Kanpur in 1985. He went on to complete his PhD in Management Science from Columbia University. Mr. Narula has around three decades of experience in mortgage trading and investments, including Agency and Non-Agency MBS, ABS, CMBS, CRE Debt, and other structured credit products. He is responsible for overall development of the firm and forming its investment strategy. Mr. Narula was a ranked analyst on the Institutional Investor All-American research team for his work on mortgage-backed securities from 1993 to 1995.

IMPACT OF HIS GENEROSITY

His contribution was utilized towards supporting the new fund-raising entity: Section 8 Company IIT Kanpur Development Foundation has been established at the Institute with the ever growing need to raise resources for the various activities/programs which is a separate professional fund-raising organization. It is a section-8 company of the Institute approved by the Board of Governors in June 2020.
Dr. Pramath Raj Sinha has helped establish multiple renowned institutions of higher education in India over the past 20 years. Mr. Sinha is the Founding Dean and Executive Board member of the Indian School of Business (ISB). He is also the Founder and Trustee of an acclaimed new liberal arts university, Ashoka University, which launched the popular Young India Fellowship 7 years ago. He is now leading the creation of a unique new university, Anant National University, with design thinking at its core, spanning the fields of architecture, design, and sustainability. He received a B.Tech. in Metallurgical Engineering from the IIT K, M.S.E. and Ph.D. degrees in Mechanical Engineering and Applied Mechanics from the University of Pennsylvania. Dr. Sinha was conferred upon him the Distinguished Alumnus Award in 2018 by IIT Kanpur.

IMPACT OF HIS GENEROSITY

In the year 2021, he instituted the Class of 1986 Young Faculty Fellowship. He has also contributed towards Ranjan Kumar Memorial Fund, Prof. S. Sampath Chair and for providing invaluable support to Undergraduate students of IIT Kanpur for online education during the pandemic.
Mr. Pradhan is the Founder & CEO of Max Secure Software. With a career spanning over two decades, Mr. Pradhan began his career in the US with companies working in the areas of Real Time Dynamic Simulation, AI, designing & deploying Control systems using Batch Processes. At Max Secure Software, Mr. Pradhan oversees business strategy, marketing & product development. He did his MS from Carnegie Mellon University, Pennsylvania in AI & Optimization.

Rachna Pradhan is the Co-founder and CTO of Max Secure Software. With over 20 years of experience, Mrs. Pradhan has successfully managed projects providing varied solutions in the field of R&D, design, manufacturing & Q&A/Resting in diverse technology sphere.

**IMPACT OF HIS GENEROSITY**

Sanjay & Rachna Pradhan Chair was set up by them, which is open to any faculty working in the area of security. They have also contributed to Ranjan Kumar memorial fund.
Dr. Lahri is the VP Mobility & Wireless Business Unit, California. His vast career includes as the Founder & CEO of Signet Solar Inc. USA; CTO & Executive VP Operations of Intersil Corp; and Senior VP of Corporate Technology at VLSI Technology Inc. Dr. Lahri has held various management and technical positions in National Semiconductor and Hewlett Packard. He earned his doctorate in Electrical Engineering from the State University of New York at Buffalo.

**IMPACT OF HIS GENEROSITY**

Dr. Lahri and his wife, Mrs. Sangeeta Lahri instituted the *Rajeeva and Sangeeta Lahri Chair* open to all faculty members in the Departments of Science and Engineering working in energy, infrastructure or an area leading to improving the quality of life in India.

“As a faculty chair, my laboratory has contributed to academia and research by carrying out cutting edge research in different aspects of bioengineering and biomedical research viz. Tissue engineering, biomaterials, regenerative medicine, nanotechnology, environmental technology, etc. In this direction, we envisage to establish a musculo-skeletal centre for research in musculo-skeletal disorders and its therapy. The centre will prove of relevance to academia, research, and health care industries. The faculty chair has been a great support and honour to carry out some outstanding research activities over past few years.”

-Dr. Ashok Kumar Department of Biological Sciences and Bioengineering & Centre for Environmental Science & Engineering.
Prof. Pratap Narain Misra
BT/ME/1965

Prof. Misra is Professor of the Practice at Mechanical Engineering, Tufts University, USA. Before joining Tufts University in 2010, he had a 40-year career in industry developing algorithms for various purposes. He has written two books on GPS. His research has focused on GPS and the global navigation satellite systems now under development (GLONASS, Galileo, BeiDou, and others) and their applications, particularly in civil aviation. His current research interests, beside GPS-guided precision approach and landing, include personal and automobile navigation systems that combine multiple sensors (compass, camera, pedometer, accelerometer, gyro, etc.), databases (digital street maps and Wi-Fi access point locations), and assistance from communication networks for robust positioning when GPS is not available.

After completing B.Tech. from IIT Kanpur, he did his M.S. Lehigh University, United States and Ph.D. from University of California, San Diego, United States.

IMPACT OF HIS GENEROSITY

His benefaction was of immense value as he supported Sachchidanand Memorial Fund, which has been created by family and friends of late Prof. Sachchidanand to support needy students at IITK. He contributed to Class of 1965 fund which has been utilized towards construction of Pioneer Batch Continuing Education Centre in the campus and is currently supporting various activities of Opportunity School (a school for the underprivileged), and contributed to the Daily wage worker Fund.
Mr. Manoj Kumar Singh  
BT/ME/1984

Mr. Singh is a Managing Director at Bank of America, leading Model Risk Management teams covering Quantitative Finance group models used in the banking book managed by the CFO group and various models used on the trading desk. Prior to this, he was a Senior Vice President at American Express where he headed the market risk oversight and enterprise model validation teams. He has held executive leadership positions in business and risk management as Senior Vice President at Freddie Mac, Senior Managing Director at Bear Stearns, and Senior Vice president at Lehman Brothers. Mr. Manoj has also served as an Associate Director at the US Federal Housing Finance Agency where he played a leadership role in transforming the framework of housing finance via securitization. He started his career as an assistant Professor of Finance at Boston College and is the author of several academic papers. He holds a B. Tech in Mechanical Engineering from IIT Kanpur and a M.S. in Engineering and a PhD in Finance from Purdue University.

**IMPACT OF HIS GENEROSITY**

He has instituted four prestigious scholarships namely Rajnath Singh Scholarship, Shri KalpNath Singh Scholarship, Saraswati Singh Scholarship and Shri Singhasan Singh Scholarship for undergraduate students of Electrical Engineering & Mechanical Engineering Departments.
Dr. Arepalli was the Vice President of Graduate Education at the National Institute of Aerospace (NIA), Hampton, VA and coordinated a multi-University consortium for NASA Langley. From 2009 to 2013, he was a Professor under the World Class University program in the Department of Energy Science at Sungkyunkwan University (SKKU) in Suwon, South Korea. He was the Chief Scientist of the Applied Nanotechnology Program and Reentry Plasma Diagnostics Program at NASA-Johnson Space Center and worked for 22 years before moving to Korea in 2009. Dr. Arepalli received his Ph.D. in Physics from the Indian Institute of Technology (IIT) Kanpur in 1979.

**IMPACT OF HIS GENEROSITY**

He has instituted Arepalli Karumuri Family Grant in memory of his parents, for students of Physics Department for delivering invited talks at international conferences organized by reputed international scientific societies and encourage students who have papers published/accepted in reputed journals.
Mr. Kapoor is Investcorp's Co-Chief Executive Officer. He oversees the Firm's Private Equity businesses in North America and India, as well as the Real Estate, Credit Management, Absolute Returns and Strategic Capital businesses globally. He joined Investcorp from Citigroup in 1992. He holds a bachelor's degree in Electrical and Computer Engineering from the Indian Institute of Technology Kanpur (IITK), and an MBA from Duke University's Fuqua School of Business. In 2019, he was recognized by Forbes Middle East as one of the top 10 Indian executives making an impact in the Middle East, and Top CEO Middle East recognized him as one of the top CEOs in the GCC financial services and investment sector.

**IMPACT OF HIS GENEROSITY**

Kapoor has generously contributed towards naming the Squash Court of IIT Kanpur.
A Hindu spiritual organisation and an ashram, founded by Swami Sivananda Saraswati in 1936, at Muni Ki Reti, Rishikesh, India. Today it has branches across the world, the headquarters being situated in Rishikesh. Also, many disciples of Swami Sivananda have started independent organisations in Mauritius, the US, Australia, Canada, Malaysia, South Africa, South America, and Europe.

**IMPACT OF THEIR GENEROSITY**

4 scholarships in the name of Swami Sivananda Memorial Scholarships were established with the thoughtful offering. These are awarded to UG students in 4-year or 5-year program of any department based on merit cum means.

“This scholarship is highly beneficial for me as it helps in fulfilling academic needs and gives relief from economic stress”, Shivam Goel of B.Tech Mechanical Engineering said.

“This scholarship helped me in paying my hostel and mess fees, thank you so much for funding it,” words of Pushpendra Singh, B.Tech Civil Engineering.
Mr. Rangarajan Vellamore, CEO Infosys, China has become the first Indian to receive the Magnolia Gold award in recognition of his contributions to the development of IT industry in Shanghai, China's financial hub. Mr. Vellamore has been residing in east China's Shanghai metropolis for over eight years and was earlier awarded Magnolia Silver award in 2011.

**IMPACT OF HIS GENEROSITY**

Mr. Vellamore has instituted R R Chari Scholarship for meritorious and needy undergraduate students and also instituted the prestigious CNR Rao faculty award.

"I am a third-year undergraduate in Electrical Engineering. I am planning to prepare for the civil services examination so that I could also help the society like you did to me. Thanks to this scholarship and I am one step closer to my goals." -in the words of Shubham Sourav, scholarship recipient.
“A man of humanity is one who, in seeking to establish himself, finds a foothold for others and who, in desiring attaining himself, helps others to attain.”

-Confucius
“Think of giving not as a duty but as a privilege.”

John D Rockefeller, Jr.