

ALUMNI ANNUAL REPORT 2015-16

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

An Initiative of the Institutional Development (ID) Program

ALUMNI ANNUAL REPORT 2015-16

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

Alumni giving wings to the Institute,
to fly high towards
the nectar of success.

IIT Kharagpur
Insti tuti onal Development (ID) Program

CREDITS

PATRON:
Prof. Siddhartha Mukhopadhyay, Dean Alumni Affairs & International Relations

EDITORIAL TEAM:
Shreyoshi Ghosh
Satarupa Sen Bhattacharya
Koushiki Mukherjee
Anirban Roy
Abhinav Kumar

CONTENT:
Shreyoshi Ghosh
Shruti Singh Parihar
Anirban Roy
Abhinav Kumar
Pushkar Srivastava
Satarupa Sen Bhattacharya
Koushiki Mukherjee
Chandana Chakraborty
Shivam Gupta
Prasenjit Banerjee

ADDRESS:
Office of Alumni Affairs & International Relations,
IIT Kharagpur, Pin - 721302

WEBSITE:
iitkgp.org

EMAIL:
alumni@hijli.iitkgp.ernet.in

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From the Desk

Message from the Director



Dear KGPian,

A hearty welcome from your Alma Mater!

I am elated to write to you through this Alumni Annual Report which seeks to communicate the wonderful initiatives made possible at the Institute by the alumni community. The initiatives have brought about transformation in academics and student-experience, which are the two most critical differentiators of any educational institution and your participation has been the key to realizing these.

We need your help further, especially in the context of the recently announced fee hike. I would take this opportunity to brief you about the 'Learn, Earn and Return' programme. This is driven by the need to motivate our current students to follow your legacy in the way that you have been contributing to KGP. Your contribution towards the subsidy of the fees of deserving students will imbibe a culture of gratitude and giving back. So let us drive this initiative 'Learn, Earn and Return' together from this year.

As always, I look forward to hearing from you on how you can participate in the Institute's yajna to enhance student experience at IIT KGP and support the career goals of your junior KGPians.

Prof. Partha P. Chakrabarti
(CS/85/RK)
Director,
IIT Kharagpur

Message from the Dean



Greetings from IIT KGP!

It is time again for us to bring you good news from all the initiatives that have been taken at your Alma Mater over the year gone by. As always the alumni have been acting as accelerators of several positive transformations that KGP has undergone this year.

Several key projects have been operationalized in the financial year 2015-16. The Shri Gopal Rajgarhia International Programme has been initiated this year to support international travel of students and scholars. It makes significant contribution to our academics and R&D by bringing distinguished experts in contact with our students and faculty. The Centre for Excellence for Petroleum Engineering, seed funded by Shri Asoke Dey Sarkar and Ms. Ruma Acharya, has been launched and we are ready to select the first batch of students for the academic programme. The Centre is also allocated physical space as moving infrastructure to begin its existence. The Centre is acquiring resources and organizing its programme to be rolled out for dual degree students. An innovation centre named after Professor M N Faruqui and seed funded by Shri Arjun malhotra, has been set up to promote students' innovation. The Kirttan B. Behera 'Best All Round Award' for all round performance of students of all years has been approved by the Senate.

Halls of residence are being renovated and facilitated with modern equipment with support from alumni. Alumni support has happened for RK Hall and Nehru Hall. Similar support is likely for several others. Similarly alumni are coming forward to make niche commitments to departmental infrastructure such as in departments of mechanical and chemical engineering. All this has been possible because several of you have taken active interest in the holistic development of the Institute. We have created various campaigns for you to contribute the way you want. We have a campaign to commemorate your batch, a campaign for your hall development, annual donations as well as options for contributions towards our international programme, scholarships, chair professorship or any other specific cause.

This year we have also launched a CSR campaign to show care and support the strong streak of socially relevant research that is done at Kgp. So those of you who are in the corporate sector or are entrepreneurs can now directly facilitate our CSR programme. We also need your help in building brand awareness for the Institute in India and abroad.

A lot of work remains to be done and you as our flag-bearers need to march ahead. Get in touch with the Institutional Development team to deliberate on how you can help build the tempo that is transforms at IIT KGP on the path of its vision.

Prof. Siddhartha Mukhopadhyay
(EE/85/AZ)
Dean,
Alumni Affairs & International Relations,
IIT Kharagpur

Institutional Development (ID) Program



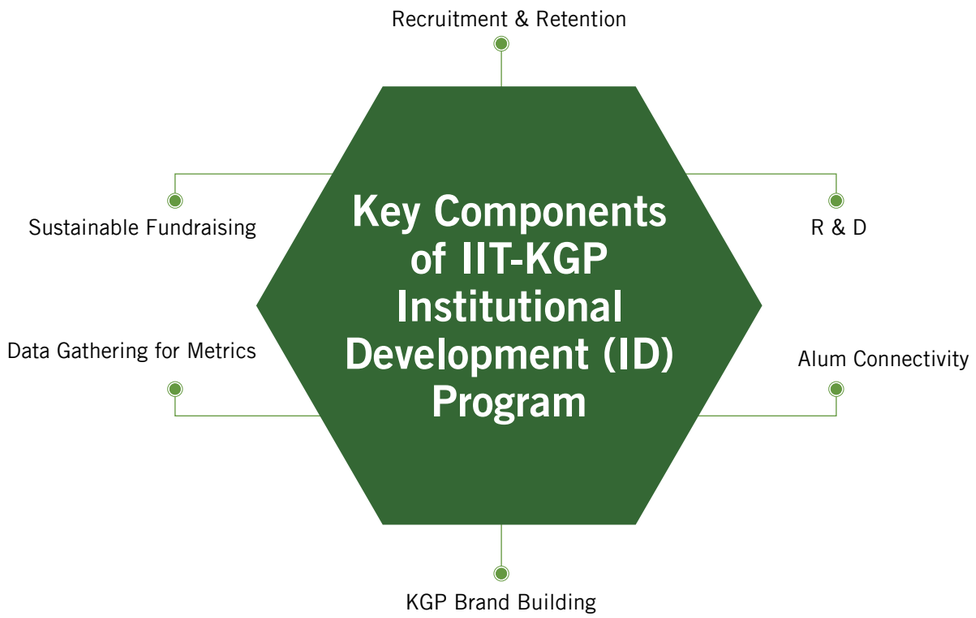
The Insti tuti onal Development (ID) Program was launched in July 2010 on approval by the Board of Governors. This report accounts for the acti viti es completed during the fi nancial year 2014-15 under the ID Program.

Mission:

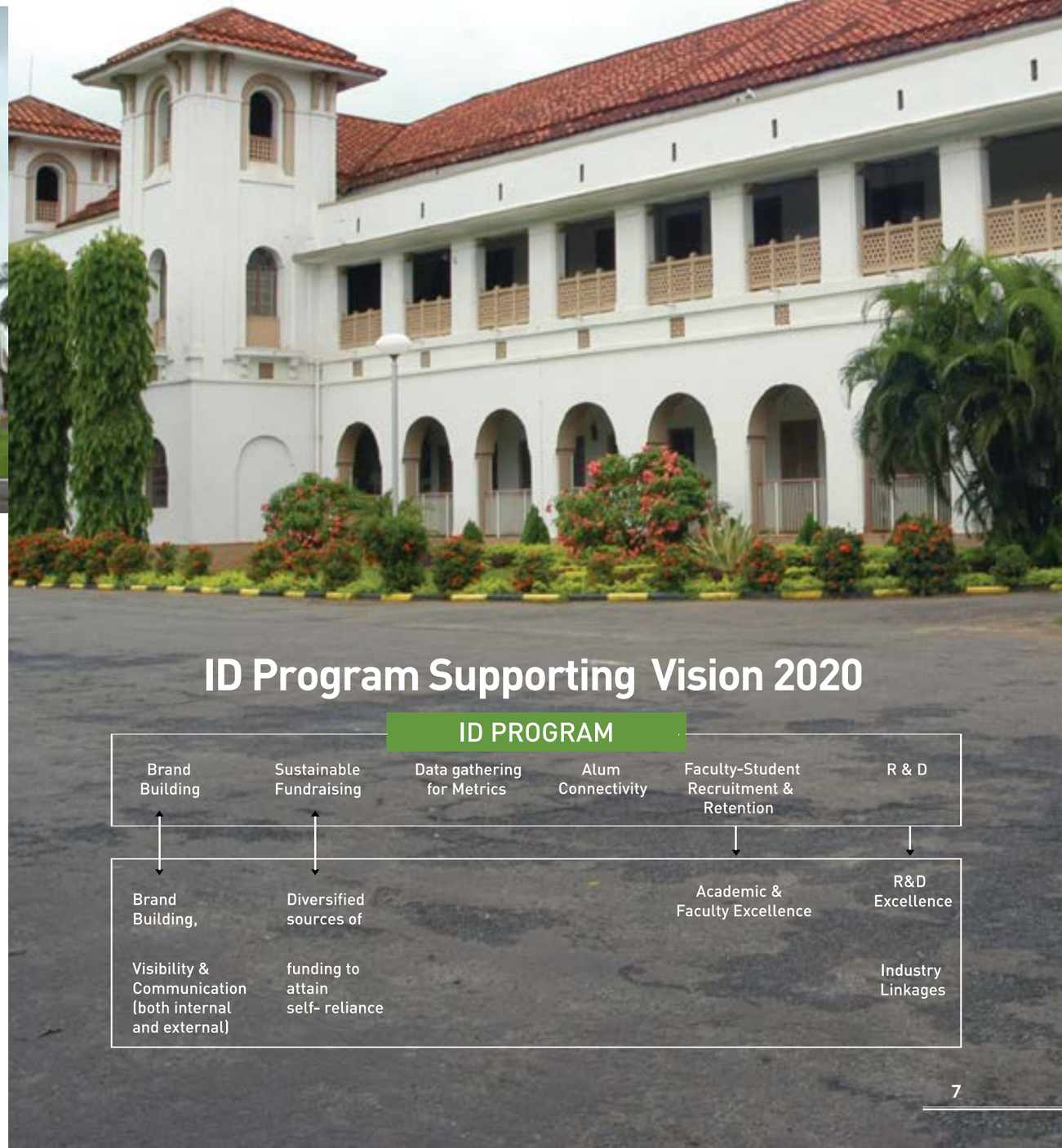
To support insti tute's eff ort to Vision 2020

Vision:

- Provide support for all-round growth plans of the Institute
- Implement a sustainable and scalable resource generati on program
- Leverage the alumni and corporate relati ons for the growth of the Institute
- Promote the KGP Brand



ID Program Supporting Vision 2020



Advisory Board

Advisory Board Members



Amit Patra
Professor Electrical
Engineering,
IIT Kharagpur



B. K. Syngal
Former Vice Chairman,
BPL Communicati on Ltd.



Prabha Kant Sinha
Co-founder & Co Chairman,
ZS Associate.



Ramabadran Gopalakrishnan
Non-Executi ve Director
Tata Sons Ltd.



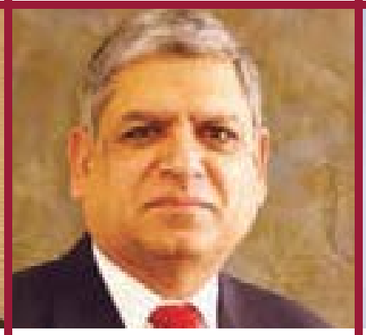
Arjun Malhotra
Entrepreneur & Co-founder
of HCL Technologies



Matt Ter Mollen
Northwestern University



Purnendu Chatterjee
Chairman
The Chatt erjee Group



Ranbir Singh Gupta
Chairman,
SIGMA7 Design Group Inc.



Vinod Gupta
CEO,
Everest Capital Partners Inc,
USA

Fund Status

Endowment Accounting

Status of Alumni Fund as on 31 March 2016		
Opening Balance as on 1 April 2015		245448215.7
Donations received During the year	89088504.67	
Less:Donations transferred to different Projects	43578346	
Residual Donation for the year		45510158.67
Accumulated interest till date		43168367.32
Closing Balance as on 31.3.2016		334126741.7

**Unaudited Accounting Statement*

Fund Utilization

M N Faruqui Innovations Centre

1. The procurement of equipment and has been initiated and populating the centre with tools in place has started – several kits for electronics activities and some tools for handling setups have been procured. Hand tools and work equipment for mechanical working are also procured. Purchase processes for larger machines, 3D printers, PCB maker, lathe and CNC is also underway.
2. Four projects for 1st year students (2014 batch) continued in 2nd year including a summer internship activity to train the next 2015 batch. The 2nd batch (2015) of 1st year projects has been initiated with an in the summer of 2016. In the 2nd year 8 such projects have started.
3. Director has reviewed the progress and proposed 2 Direct Challenge grant projects for students in multiple years. A project based learning program to be integrated with curriculum for such projects is being worked out in discussion with multiple stakeholders.
4. Industry challenges projects are initiated with the first proposal on Energy from Selco Foundation India. KPIT and other companies have also shown interest.
5. Summer interns have been exposed to workshops on IP issues in innovations; tools for embedded systems programming etc and additional events on 3D printing, hackathons are being planned.
6. One student of the 2014 batch Shri Arvind Srivastava was nominated and represented IIT Kharagpur Innovations Centre in the Scholars in Residence program of Rashtrapati Bahavan in June 2016. Prior to that Prof. C.S.Kumar represented IIT Kharagpur at the meeting of Innovation Clubs during the festival of Innovations at Rashtrapati Bhavan in March 2016 in which the activities of Innovation Centre was shown.

On date the committed expenditure has been around 25 Lakhs. With several additional equipment, activities another 35-40 Lakhs are expected be spent in the next 2-3 months. The formal statement of expenditure and utilization certificate from SRIC is attached



M N FARUQUI INNOVATION CENTRE

Helping students to tinker and innovate

The quest for innovation in any field is rarely successful without the freedom to explore, experiment and take risks. In cognizance of the fact, the Indian Institute of Technology at Kharagpur has come up with the MN Faruqui Innovation Centre (MNFIC), a space where students are encouraged to invent, innovate, design, fabricate or even merely tinker with something they always wanted to work on.

Set up with funding support from a distinguished alumnus, Mr. Arjun Malhotra, it is named after an iconic professor M N Faruqui who was known for his encouragement to students to freely explore ideas in their areas of interest.Mr Malhotra remembers Professor M N Faruqui as a teacher in the Department of Electronics and Electrical Communication Engineering at IIT Kharagpur.

"I was surprised at how he always wanted to do something a little different, with some combination of hardware and software, and he always had his students and me experimenting. I remember using the National Instruments AT form factor card in the Apollo 3000 workstation to set up a lab network, and laying a fibre optic cable and modem link between two Apollo ring networks in the ECE and Mechanical Engineering Departments," he recalls fondly.

On his various visits to the Institute, Mr Malhotra saw Professor Faruqui personally funding purchases of components for students to make robots etc.

The alumnus reminisces: "Sometimes, he would request me to fund some small amounts that could help students in some of their innovative endeavours during their spare time. I thought it would be fitting that in a campus that is located in a part of the country that has not just led the country in art and culture but in the sciences, we should also lead the country in thought and innovation. And on that campus we had a Professor who was known to get things done, who helped students to tinker and make things and encouraged them to imagine and believe that their dreams could become reality."

That thought is what has made the MNFIC a reality today. The Centre presently envisages three modes of innovation projects, namely Student-initiated innovation, Faculty-initiated innovation and Alumni/Industry-initiated innovation.

The first, namely Student-initiated innovative projects would be screened, selected and reviewed by faculty and industry. The students could receive internship and scholarship support and even gain academic credits for the same.

The Faculty-initiated innovative projectswould invite bids from student groups. The final award would be in consultation with sponsors through the office of Sponsored Research and Industrial Consultancy (SRIC). There, too, they will have options for scholarships.

Alumni/Industry-initiated innovative projectswould receive bids from student and faculty teams and be administered through the SRIC Office. The final awardees could receive internship support from the alumni/corporate entity floating the projects.

During the summer break of 2016, the Centre encouraged 1st and 2nd year student groups to come up with innovative project ideas and helped them get these implemented. The centre is also facilitating corporate-supported challenge projects for students, the first one being on energy access and innovation supported by SELCO Foundation.

An academic support program is also being developed through the centre so that many more students participate and get involvedin product-oriented innovation while studying at IIT Kharagpur. In this mode, several faculty across multiple departments have come forward to support innovation projects involving students from all academic years.

The Director of IIT Kharagpur has also encouraged the concept of 'Directors' Challenge Innovation Projects' for students through the centre. It is expected that this initiative will lead to many students and faculty exercising their creative and innovation acumen in developing new products for the benefit of all.

"Our mission is to instil and foster an overall culture of innovation among the academic and research community on campus, so that "Make in India" becomes a reality in IIT Kharagpur," says Professor C S Kumar of the Department of Mechanical Engineering, who is also Professor-in-Charge at the MNFIC.

The MNFIC, as it is popularly referred to on campus, is an innovation centre, a design centre, a hobby workshop, a tinkering lab, an idea-testing lab, all rolled into one. It was inaugurated on January 16,2016 during the Annual Alumni Meet of the Institute.



Student Innovation Projects initiated at the MNFIC

Systematic Distributor:
A novel electric pole connection system

Bhumi:
For soil testing

An intelligent traffic control solution

EcoPad:
A multi- surface any-angle stick-on support

Unbane Pane:
For energy efficient windows

An intelligent street lamp

Miniature Rheostat:
A very wide range variable rheostat with high precision

Omni Reach:
An omni purpose vehicle support system

Automated driving guide:
For safe driving in vehicles

Booster the energicicle:
An energy recovery system in human powered vehicles

M N Faruqui Innovation Centre Accounting

	INR	INR
Paid to Project:		1,00,00,000/-
Project Expenses:		
Salary	18,800/-	
Equipment*	20,73,888/-	
Consumables & Contingency	33,946/-	
Travel	2,500/-	
Overhead Expenses	0/-	
Total		24,29,134/-
Balance Available		75,70,866/-

*Equipment includes committed expenses of Rs.12,68,500/-

Report provided by Sponsored Research & Industrial Consultancy Cell, IIT Kharagpur for the period 25/03/2015 to 15/07/2016 for M N Faruqui Innovation Centre Projects (MFI)

Principal Investigator: Prof. C S Kumar

Shri Vijay Kiyawat Endowment

What you decide to do now is how you will be remembered by the generations to come

In this time of constant change there are some things which must be sustained for continuing our survival and way of life. When we build an Endowment we ensure this sustainability and perpetuity.

The fund created in 2007 by Shri Vijaya Kiyawat and his family was meant for treatment of terminal illness of retired faculties.

Shri Vijay Kiyawat Endowment Committee – IIT KGP

Chairman - Prof Souvik Bhattacharyya, Deputy Director
Member - Shri Pradip Pyne, Registrar
Member – Prof Siddhartha Mukhopadhyay, Dean AA & IR
Member – Prof Pratim Kumar Chattaraj, Dean Faculty
Member – Dr Seema Roy, Medical Officer

Shri Vijay Kiyawat Medical Endowment Details

Sustaining the tradition of excellence at IIT Kharagpur, through all economic cycles, is directly linked availability of Endowment. To ensure the fund is available for operative need it is to be professionally managed in the lines of foreign universities like Harvard and Stanford.

The current KGP team took over the the fund management and along with Shri Kiyawat made some innovative suggestions time to time to enlarge the scope of endowment. This has resulted faster and meaningful utilization of the fund.

Utilization Certificate for the Financial Year 2015-16

Opening Balance	Interest Earned	Investment Matured	Investment Made	Payment to Beneficiaries*	NEFT Charges	Closing Balance
7610.03	18661.93	2766966.87	0.00	2251168.00	**80.00**	**541990.83**

The Impact of Your Giving



Statement of Balance since inception up to April 6, 2016 (INR) of "Shri Vijay Kiyawat (B.Tech. / Mech. / 67 / Nehru) and Family Ten Year Endowment of Rs. 25 lacs for supporting the present as well as the retired faculty and their families in treatment of terminal / life threatening illness"

List of Medical Beneficiaries up to March 31, 2016:

Prof. Sunando DasGupta: Rs. 190000.00 on December 10, 2010
Late Prof. G. S. Sanyal: Rs. 8151.00 on May 30, 2011
Prof. D. Acharya: Rs. 130314.00 on February 2, 2013
Prof. Sunando DasGupta: Rs. 46606.00 on June 26, 2013
Prof. D.P. Ghosh: Rs. 50000.00 on August 14, 2013
Prof. S. K. Satsangi: Rs. 35803.00 on August 14, 2013
Prof. Basab Chakraborty: Rs. 53202.00 on March 31, 2016 *
Prof. K. N. Tewari: Rs. 142656.00 on March 31, 2016 *
Prof. Subrata Sanyal: Rs. 300000.00 on on March 31, 2016 *
Prof. Partha Pratim Chakrabarti: Rs. 55310.00 on March 31, 2016 *
Late Prof. Soumen Bag: Rs. 200000.00 on March 31, 2016 *
Prof. Sunando DasGupta: Rs. 200000.00 on March 31, 2016 *

Hall Beneficiary - Development for Nehru Hall of Residence: Rs. 500000.00 on May 19, 2015 *
Department Beneficiary - Mechanical Dept for Digital Repository: Rs. 800000.00 on May 19, 2015 *

Nehru Hall renovation and facelift carried out for the following –

- Renovation of mess
- Projector and white screen
- Hall library renovation with AC
- Sets room
- Public announcement system
- Gardening
- Garden lights
- Name Plate of the hall with lights

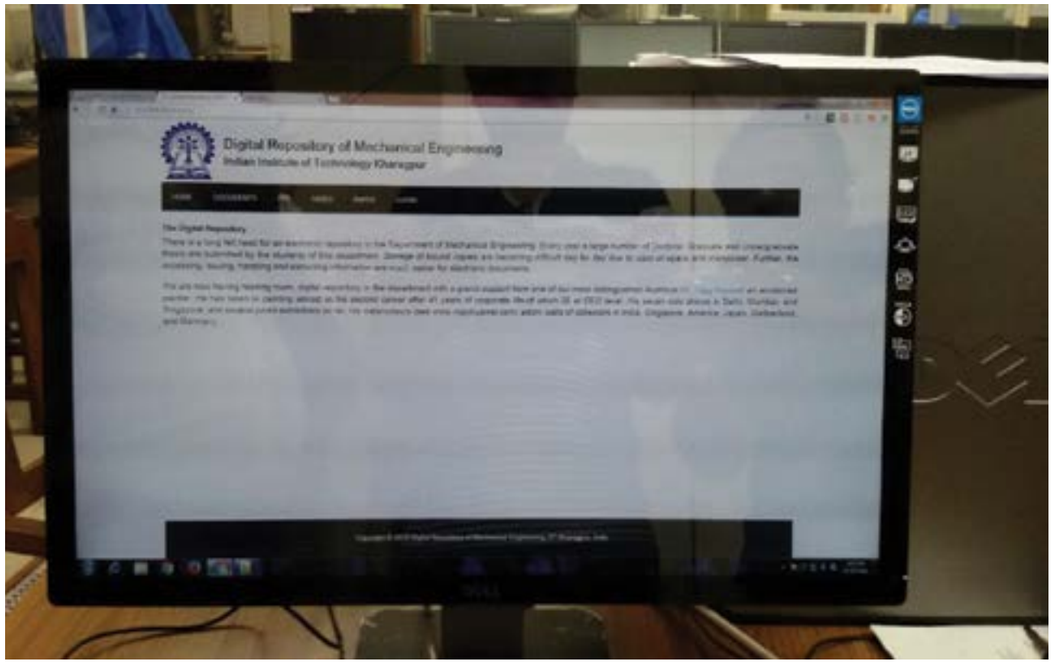




Department of Mechanical Engineering –

Digital repository center and software development





Alumni Supported CSR Programme

Alumni from Microsoft India Development Centre have been contributing to an R&D project through their Employee Giving Programme. Their contributions are matched in 100% by Microsoft. The donations are managed through CAF India.

The fund is donated towards the R&D project 'Medical Imaging Informatics for Skin Wound and Malaria Screening' by Prof. Chandan Chakraborty, Associate Professor, School of Medical Science & Technology, IIT Kharagpur.

A detailed progress report of the work has been submitted to CAF India.

CAF India also conducts audit on the project and documents thereof.

100% exemption is provided by the Institute U/S 80G to the donors.

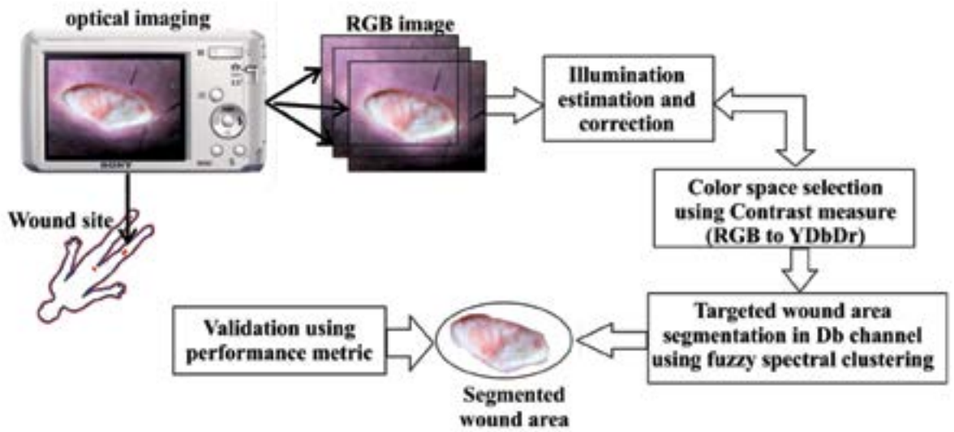
CSR Funded R&D Project Accounting

	INR	INR
Paid to Project:		12,52,828/-
Project Expenses:		
Salary	2,52,000/-	
Equipment*	0/-	
Consumables & Contingency	6,05,684/-	
Travel	1,89,384/-	
Overhead Expenses	1,91,103/-	
Total Expenditute		12,38,171/-
Balance Available		14,657/-

Report provided by Sponsored Research & Industrial Consultancy Cell, IIT Kharagpur for the period 01/01/2014 to 30/06/2016 for the R&D project Medical Imaging Informatics for Skin Wound and Malaria Screening (IWM)

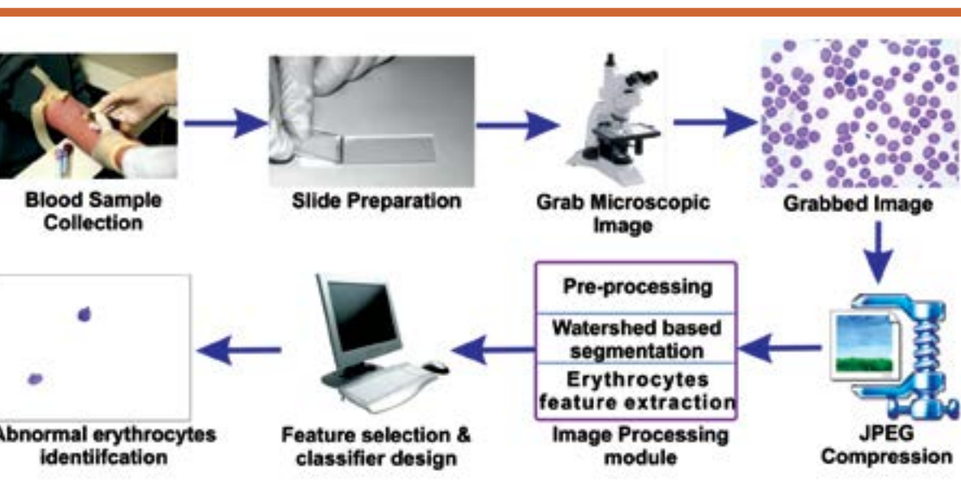
Principal Investigator: Prof. Chandan Chakraborty

Figure 1



Workflow of proposed computer assisted chronic ulcer contour identification method

Figure 2



Proposed Methodology for Malaria Infected RBC Segmentation



Major Donors

Asoke Deysarkar and Ruma Acharya-Deysarkar



Illustrious alumni couple Asoke Dey Sarkar and Ruma Acharya-Dey Sarkar have donated USD 1 million as seed grant for setting up a Centre for Excellence in Petroleum Engineering at the Institute.

Asoke Deysarkar was born in Jharkhand, India and completed his B.Tech in Chemical Engineering from IIT Kharagpur in 1971, where he emerged as topper of his class. He then attended the University of Greater Manchester (Salford) in UK and earned his Masters degree and Ph.D (1976) in Chemical Engineering.

He also has an MBA from the University of Houston and has worked as a researcher at the University of Waterloo.

In 2002, Mr Deysarkar started his own company called "Products for People" in Houston, which formulated products for the automotive after-market. He also developed another line of products based on GUAR – a product used as a thickener for water in fracturing of oil/gas wells. This business is now run under the umbrella of PfP Industries headquarted in Houston, Texas (USA) with branches in various locations around the United States.

Ruma Acharya-Deysarkar, entrepreneur and philanthropist is also an alumna of the department of Chemical Engineering at IIT Kharagpur, from where she graduated in 1973. She holds an MBA from the University of Houston and has worked in the Oil and Gas industry for Getty Oil and Texaco and Baker Hughes before she founded Grounded Technology, a Houston-based firm working in the area of Construction and Environmental Sciences.

Speaking of the Centre for Excellence in Petroleum Engineering to be set up with their grant, Mr Deysarkar said "Our vision is of a programme that will produce a crop of well-rounded engineers in this really unique field of petroleum engineering. This could have the potential to impact the overall future of the country, given the importance of energy policy in a country's future roadmap. The thrust of academics within the Centre will be on "convergence" or transdisciplinary studies, touching upon aspects of law, finance, investment banking etc in addition to the relevant core science and engineering subjects."

Petroleum Engineering: The Academic Programme

The envisaged programmes in petroleum engineering to be offered at the new Centre are aimed at meeting the industrial needs of specialized competency in the domain, especially in view of the relative lack of such courses in Indian technical institutions.

The main objectives of the programme would be to:

- Satisfy the need for competent manpower for the global petroleum exploration and production industry
- Develop state of the art research and development facilities at IIT Kharagpur for various aspects of Petroleum Engineering, leveraging the availability of interdisciplinary expertise available at the Institute in its various academic units
- Minimize the existing gap in higher education and academic research in the field of oil and gas engineering in India, through appropriate faculty training and induction of young engineers into quality research.

Programmes

Dual-degree programmes of the following types have been proposed:

A. A 5-Year Integrated B.Tech (Hons) and M.Tech Programme: As in other similar dual degree programmes presently offered at IIT Kharagpur, students opting for this would be able to obtain a B.Tech (Hons) degree in Mechanical Engineering, Chemical Engineering or Mining Engineering and a M. Tech degree in Petroleum Engineering.

B. A 6-Year Integrated M.Sc and M.Tech Programme

Students enrolled in programmes of type A would specialize in the verticals of Petroleum Production (PP) and those in programmes of type B would specialize in Petroleum Exploration (PE).

In addition to the proposed structural curricula, both programmes would also include:

- Exposure to global industrial practices and work environments in the form of internships of appropriate duration. To ensure this, attempts will be made to involve national and international industry majors such as Schlumberger, Baker Hughes, ONGC, Total etc.
- Exposure to R&D programmes in the discipline at international institutions such as Texas A&M, University of Texas, Austin, University of Oklahoma etc. This would be achieved through collaborative research programmes among faculty as well as through M. Tech Projects.

Shri Gopal Rajgarhia



Shri Gopal Rajgarhia's donation has facilitated the launch of the Shri Gopal Rajgarhia International Programme (SGRIP) endowment fund, which aims to support various schemes to enhance international participation.

Shri Gopal Rajgarhia, an alumnus of the B.Tech class of 1968 from the Department of Chemical Engineering in IIT Kharagpur has been magnanimous in giving back to his alma mater towards realization of his vision for the Institute and aspirations for excellence at a global level.

His guiding philosophy in life shines through his own words: "Proud to pay a humble tribute to my Alma Mater! Your mission in life is not complete unless you are a worthy human being and pay back in one way or the other to society."

A chemical engineer by profession, Mr Rajgarhia completed his Masters from MIT, USA. He is a successful entrepreneur and an accomplished industrialist having over 36 years of experience and is well recognized in industry circles. both in India and internationally.

He has been at the helm of management in various renowned organizations, serving as Managing Director of Orient Abrasives Ltd. since October 1, 2006. He has also been the Managing Director of Orient Refractories Ltd. and a Director at various companies, including Autometers Alliance Ltd., Rajat Leasing Ltd., Madhushree Properties Pvt. Ltd., Rajgarhia Leasing & Financial Services Pvt. Ltd., Sheevam Township Pvt. Ltd., Suvidha Parklift Pvt. Ltd., Sheevam Biodiesels Pvt. Ltd. and Mourya Realty Pvt. Ltd.

The Shri Gopal Rajgarhia International Programme (SGRIP)

The SGRIP provides funds for different schemes for attracting international faculty and students to IIT Kharagpur. It also supports students, who do not have additional sources of funding, to participate in reputed international events.

The Institute also plans to support some international PhD students through this scheme. The institutions with which IITKGP has MoUs may play a key role in participating in such a scheme.

Five programs are proposed to be carried out under the scheme: the SGR International Faculty Outreach Programme, SGR International Research Scholar Support Programme, SGR International Student Scholarship Programme, SGR international Workshops/Meetings, and SGR Student International Travel support.

Charting progress

The SGRIP endowment fund has already received Rs. 10 crore out of which Rs 2.75 crore was received during 2015-16.

This year saw 17 proposals approved from 23 applications. There were submissions from almost all the disciplines with electrical sciences taking the lead.

A number of steps have been taken this year towards formalizing the funds allocation procedure under SGRIP and two important decisions taken in this regard. A five member committee has been constituted under the chairmanship of Dean, AA&IR with the responsibility of taking core decisions for the programmes under SGRIP. The first SGRIP committee meeting was held on July 31 2015, where the proposal submission guideline got formal approval. Additionally, a faculty coordinator has been appointed to look after the activities.

The accounting procedure for the funds has also been formalized. Over the financial year 2015-16, Rs 9 lakh has been already spent and approximately Rs 29 lakh has been committed for other proposals.

Utilization Certificate for the Financial Year 2015-16 (Only FY 15-16 transactions)

Opening Balance	Interest Earned	Investment Matured	Investment Made	Payment to Beneficiaries*	NEFT Charges	Closing Balance
10000000.00	5212787.00	32872750.00	87712787.00	970243.26	**0.00**	**109262453.54**

SGRIP - Five members committee constituted under the chairmanship of Dean, AA&IR

Prof. Siddhartha Mukhopadhyay – Dean Alumni Affairs & International Relations

Prof. Om Prakash Sha – Dean Continuing Education

Prof. Pratim Kumar Chattaraj – Dean Faculty

Prof. Samit Kumar Roy – Dean UGS & R

Prof. Rajendra Singh – Dean UGS

Associate Prof. Mamata Jenamani – Faculty Coordinator for SGRIP

List of Donors 2015-16

Donors' List – India

	Batch	Campaign	Dept
INR 1,00,00,000 & Above			
Asoke Kumar Deysarkar	1971	Petroleum Engineering	CH
Shri Gopal Rajgarhia	1968	Rajgarhia Program	CH
INR 4,00,000 - 9,99,999			
Ranbir Singh Gupta	1970	Avinash Gupta Chair	AR
Devender Nath	1966	Batch Endowment	EE
Sajal Kumar Roychaudhuri	1966	Batch Endowment	MN
INR 1,00,001 - 4,99,999			
Ranbir Singh Gupta	1970	Class Gift	AR
Bhaskar Dutta	1970	Class Gift	MT
Microsoft CSR CAF		CSR	
Avinash Chandra Sangal	1966	Batch Endowment	IM
Barid Baran Manna	1966	Batch Endowment	CH
Raj Kumar Malik (Polymer Processing Technologies)	1966	Batch Endowment	AG
Shailendra Verma	1990	Hall Endowment	MF
Krishan Mehta	1969	Batch Endowment	CE
Varadarajan Seshamani	1969	Batch Endowment	ME
Ravi Kant	1966	Hall Endowment	MT
S Sahaya Raj (Shoft Shipyard Pvt. Ltd)	1979	Batch Endowment	NA
Farrokh Pudam Mistree	1967	Batch Endowment	NA
INR 50,001 - 1,00,000			
Admiral Rajeev Paralikar (Retd.)	1966	Batch Endowment	ME
Archana Agnihotri	1970	Class Gift	
Bhaskar Duttagupta	1970	M N Faruqui Innovation Centre	CH
Biswaroop Mukherjee	1966	Batch Endowment	EE
Dilip Vishnu Dhopavkar	1976	Batch Endowment	MT
Guruswamy Raghunathan	1966	Batch Endowment	CH
J P Banerjee	1964	Batch Endowment	MT
J V Nrupender Rao	1966	Batch Endowment	ME
Jayanta Roy	1990	Hall Endowment	EE
Mohit Kumar	2002	Batch-Hall-Student Endowment	CS
Nrupender Rao behalf of Mandip	1966	Batch Endowment	ME
R K Bagrodia (Winsome Breweries Limited)	1966	Batch Endowment	CH
Rasamoy Chakraborty	1966	Batch Endowment	ME
Ravi Kant	1966	Batch Endowment	MT
Sayantan Bhowmik	1990	Batch Endowment	CH
Shiv Sharma	1966	Batch Endowment	MN
Venkatachalam R. Pavoor	1966	Batch Endowment	CH
Vijay Laxman Deshpande	1973	Annual Donor	CE
Ram Narayanyengar Seetharam	1966	Batch Endowment	MN
Narendra Chandra Srivastava	1966	Batch Endowment	CE
Indu Shekher Jha	1966	Batch Endowment	ME
Atanu Das Gupta	1992	Batch Endowment	MI

	Batch	Campaign	Dept
INR 25,001 - 50,000			
Amit Dev	1966	Batch Endowment	CH
Arpan Pal	1990	Batch Endowment	EC
Arun Jindal	1966	Batch Endowment	ME
Ashok Kumar Sahoo	1966	Batch Endowment	CE
D K Jain	1973	Hall Endowment	ME
Haren Almaula	1970	Class Gift/ MNF	EC
Jacob Punnen	1966	Batch Endowment	MN
Joseph R Anthony Fernandes	1990	Batch Endowment	ME
Prem Sagar Chhabra	1967	Batch Endowment	CH
Tribikram Kundu	1979	Batch Endowment	ME
Vijai Pratap Singh	1966	Batch Endowment	EE
Raghaba Prasad Sahu	1970	Class Gift	MT
Salil Kumar Basu	1970	Batch Endowment	AR
Vijay Kumar Banthia	1966	Batch Endowment	MT
Sudip Basu	1982	Batch Endowment	ME
Tapan Sarkar	1968	Batch Endowment	EE
INR - 10,001 - 25,000			
Hari Bhajan Singh	1966	Batch Endowment	EE
J Durga Nageswara Sharma	1966	Batch Endowment	ME
KIRAN SHIAL W/O J S SHIAL	1991	Hall Endowment	MA
Kirti Kant Acharya	1976	Batch Endowment	
Kishore L Ullal	1965	Batch Endowment	CH
Natarajan Partheeban	2000	Batch Endowment	EC
Nawal Kishore Choudhery	1964	Batch Endowment	MI
Nikki Thomas	1982	Batch Endowment	AR
Pardhasaradhi Srinivasa Viswanadha	1991	Hall Endowment	
Probodh Mallick	1985	Batch Endowment	CH
Shahnaz Bathul	1983	Annual Donor Program	MA
Shubhendra Mittal	1991	Student Travel	ME
Susanta Mukhopadhyay	1966	Batch Endowment	ME
Swapan Guha	1974	Batch Endowment	AG
Tapan Kumar Basu	1966	Batch Endowment	EC
Vinod Kumar	1970	Class Gift	AE/CH
Vinod Nethilath/Priya	1991	Hall Endowment	
Apurav Yash Bhatiya	2014	Batch Endowment	HS
K P P Pillai	1964	Hall Endowment	EE
Kailash Nath Dutta	1966	Batch Endowment	ME
Salil Kumar Basu	1970	Class Gift	AR
Samarendra Nath Roy	1965	Batch Endowment	EE
Satyaban Kar	1966	Batch Endowment	MT
Subimal De	1994	Hall Endowment	EE
Sushil Kumar Mahapatra	1966	Batch Endowment	MN
Amrit Prakash Khanna	1966	Batch Endowment	CE

	Batch	Campaign	Dept
Vinod Kumar Chadha	1966	Batch Endowment	EE
WG CDR Biplab Kumar Dutta	1971	Batch Endowment	AE
Amitava Lahiri	1968	Batch Endowment	CH
Arun Chakraborty	1994	V 20 20	PH
Ranjan Ghosh	1966	Batch Endowment	ME
V K Jaitly	1979	Batch Endowment	EC
Vinay Kumar Talwar	1964	Annual Donor	ME
Surojit Mookherjee	1979	Batch Endowment	MT
INR 5,001 - 10,000			
Aniruddha Roy	1966	Batch Endowment	EE
Arjun Malhotra	1970	Class Gift	EC
Debashish Saha	1966	Batch Endowment	ME
Kiran Shankar Sahu	1964	Batch Endowment	ME
Kishore Kumar Mishra	1966	Batch Endowment	CE
Pabitra Kumar Chakrabarti	1989	Batch Endowment	ME
Shyama Prasad Manna	1963	Batch Endowment	EC
Someshwar Booduguri	1994	Batch Endowment	
Surajit Dasgupta	1989	Hall Endowment	RP
Arun Kumar Gupta	1966	Batch Endowment	ME
Purushottam G Rajurkar		V 20 20	
Ashok Kumar Jain	1966	Batch Endowment	NA
Satya Narayan Prasad	1966	Batch Endowment	MN
INR 5,000 & Below			
Aniruddha Sinha	1998	Hall Endowment	EC
Chandrasekhar KG	1998	Hall Endowment	
K G Vani		Student Travel	
Sambit Kumar Dash	1995	Hall Endowment	ME
Sukhendu Sain	1991	Hall Endowment	RP
Tathagata Sengupta	2001		
Mridusmita Debnath	2014	Parents Campaign	AG
Niladri Sinha	2014	Parent Campaign	CY
Ethesham Anjum	1991	Batch Endowment	
Sujit Das Gupta	1968	Batch Endowment	ME
CV Ganesh	1994	Hall Endowment	AG
Sujit Patra	1992	Batch Endowment	MA

* “Please correct us if we have inadvertently missed any contribution”

Donors’ List - USA

	Batch	Campaign	Dept
USD 10,000 & Above			
Rakesh Agarwal	1979	Batch Endowment	MN
USD 4,000 - 9,999			
Chetan Date Ganesh	1979	Batch Endowment	CE
Denis Joseph Mathias	1966	Batch Endowment	EE
Chanchal Hazra	1990	Annual Donor	CH
Satyen Mukherjee	1976	Batch Endowment	EC
Sushant Kumar Mohanty	1979	Batch Endowment	EE
Veliath Rajaram	1973	Batch Endowment	AE
Ron Gupta	1970	Class Gift	AR
USD 1,000 - 3,999			
Puma Chandra Roy	1983	Batch Endowment	CE
Jitendra Nath	1973	Batch Endowment	NA
Krishen Mehta	1969	Batch Endowment	CE
Abhijit Guha	1980	Batch Endowment	ME
Chande Tushar	1980	Batch Endowment	MT
Ramnathan N	1989	Annual Donor	CH
Debajyoti Chatterji	1966	Batch Endowment	
Kashi Nath Mullick	1965	Batch Endowment	EE
Sunil Swami	1989	Batch Endowment	AE
Asok Baral (Exxon Matching)	1970	Batch Endowment	
Sukhminder Singh Grewal	1970	Class Gift	ME
Prabhat Kumar	1966	Batch Endowment	MT
Alok Kumar Verma	2003		ME
Hira Lal Suri	1965	Batch Endowment	ME
Ranganathan Gurumoorthy	1979	Batch Endowment	EC
Sangameswaran Sundar	1973	Batch Endowment	AG
Sanjoy Kumar Shome	1966	Batch Endowment	MT
Subodh Prasad	1973	Batch Endowment	NA
Suprakash (Supro) Mukherjea	1966	Batch Endowment	CH
Amitava Dutta	1976	Batch Endowment	EC
Krishna Jha	1957	General	MA
Mahesh Swaminathan	1987	Batch Endowment	MI
Manav Sharma	2000	Annual Donor Program	
Narayan Mandayam	1989	Batch Endowment	
Narayan Mandayam (Gift Matching)	1989	Batch Endowment	
Rakesh Asthana	1979	Batch Endowment	EE
Sanjiva Singh	1989	Batch Endowment	EE
Sanniv Ganguly	2015	Batch Endowment	BT
Sudip Nath	1989	Batch Endowment	IEM
T Venkataramana Murti	1991	Batch Endowment	ME

	Batch	Campaign	Dept
Below USD 1,000			
Sumit Sadana	1990	Annual Donor Program	EE
Sumit Sadana (Matching)	1990	Annual Donor Program	EE
Jagjit Jain	1965	Batch Endowment	ME
ADP Matching			
Goutam Sinha	1979	Batch Endowment	MN
K. V. Sunita	1994	Batch Endowment	MA
P. Pradeep	1994	Batch Endowment	NA
Ravisankar Mallajosyula	1996	Annual Donor	
Uday Chittor	1990	Hall Endowment	MT
Manish Shah	1991	Hall Endowment	MF
Somnath Paul	1990	Batch Endowment	EC
Arun Kumar Gupta	1966	Batch Endowment	ME
Neeraj K Jha	1981	Annual Donor Program	EC
Ashis Roy	1989	Batch Endowment	MT
Pabitra Mukerji	1971	Batch Endowment	NA
Pabitra Mukerji	1971	Chair Professor	NA
Pabitra Mukerji	1971	Unrestricted Fund	NA

* “For further information contact IIT Foundation USA”

Fundraising Campaigns

1 Batch Endowment

IIT-KGP has always been the source of enlightenment and inspiration to thousands of youth for more than sixty decades. It was the dream of independent India to take the quality of its higher education to world class standard and IIT-KGP has successfully achieved it. However, in this new era, the challenge is bigger. With more institutions including IITs coming up, need for greater professionalism at every stage of management and innovations driven research has become very important in educational institutions.

It seeks to raise a minimum of Rs. 50 Lakhs per batch to make the batch a "Founding Endowment Batch". The utilisation of the endowment fund will be controlled by the Board consisting of Dean AA & IR and Faculty members and will be presented to the donors through our annual report. The Founding Endowment Batches would be given the privilege to name a classroom with names of all the generous contributors firmly engraved. It is our way to help our donors leave their legacy behind. The batches and the contributors would be remembered by all the batches of technocrats passing out from IIT KGP

Nalanda Academic Complex -
Small Classrooms (120 Capacity) – INR 50 Lakhs
Large Classrooms (240 Capacity) - INR 1 Crore

Founding Endowment Batches are 1966, 1968, 1970, 1975, 1984 and 1991 who have raised Rs.50 lakhs plus. Batches from different genres like 62, 63, 65, 69, 74, 79, 87, 88, 89, and 90 to name a few are very actively contributing.

Normally we see alums from various grad bathes contribute in range from Rs.50,000/- to Rs.5 lakhs for their respective bathes

2 Hall Endowment

The Institute has launched the Hall Endowment Campaign to address immediate needs of Halls as well as providing sustainability of the future requirements for developing these Halls. 50% of your contribution will go towards Hall Endowment (For a long time usage) while the remaining 50% of your contribution will go towards immediate hall developments and student services (To be decided by warden, hall president and management)

3 Innovation Endowment

Endowment funding will motivate more faculty and students to come up with technological innovative ideas. This will ensure innovation oriented research leading to more number of patents and better chances of commercialization. Through these innovation projects students can also exhibit their skills as innovators to the industries and research institutions. This can further help the students to take their career forward as R&D experts, Innovators in various institutions.

3a Specific Innovation Project: M.N.Faruqui Innovation Centre

An innovation is something original, new, and important in whatever field that breaks in to (or obtains a foothold in) a market or society. IIT Kharagpur is seriously considering formal inclusion of this activity into the academics and research initiatives covering as wide cross section of faculty and students as possible. The institutionalisation of this process and its sustenance is a multi-pronged effort in which it is planned to have the initial core centre be created with the donation. The core centre will be able to support some student faculty groups initially and later on grow towards a more pervasive activity for the very large base of students with support from various quarters.

Objectives

Encourage Innovation in the Institute - The Institute has a large base of highly talented Students, knowledgeable Faculty and resourceful Alumni. The Institute already has a diverse set of specialisations and facilities and a remote idyllic setting facilitating dedicated attention. The Institute is in the process of setting up structured processes to identify, facilitate and develop innovation with involvement of all stakeholders.

Multiple Domains of Innovation

- Design Innovations Ideas, designs and initial prototypes encouraged now as 1st year projects
- Manufacturing Innovations required for making into products with industry involvement. Faculty project proposals in the anvil
- Business Process Innovations (products and services) for software and digital processes needed. This may help evolve new business strategies. Proposals from industry are coming.

Current Infrastructure

- Tinkering Lab
- Mechanical working machines
- Electrical / Electronic workbenches and support
- Computers, internet collaborative meeting space
- Life Sciences, Healthcare (to be setup as and when need arises)
- Rural and Green technologies linkup
- Project and program management space
- Advanced Manufacturing facilities, workshop and training setups needed to support mega projects of students - Team KART, AGV, AUV, RoboSoccer etc.

Identifying UG-PG Innovations

- Regular project and research activities of IIT KGP having innovation potential.
- A twice a year review of all projects by final year B.Tech and 2nd year M.Tech students

4 International Endowment

The Institute has launched the International Endowment Campaign which is a grass-root campaign. One of the key features of this Sub-Endowment is to address immediate needs of bringing in professors and scholars from foreign universities besides offering joint PhDs with top international institutes as well as providing sustainability of the future exchanges for developing international exposure and ranking.

In this International Programme which was launched today, at least 10 professors from some of the world's leading universities would come to the Kharagpur campus each year for few months. Similarly, around 30 talented international scholars would be invited each year to conduct research activities at IIT KGP

The Institute is already in talks with leading universities from the US, Europe, Australia, and Japan. Under the joint PhD programme, students would be awarded with the doctorate by IIT KGP and an international university. The students will study at both the places. There will be international workshops and activities with the foreign university.

At present around 200 PhDs are awarded by the IIT KGP each year which they hope to take it to 400. KGP is aiming around 25 per cent of PhDs to be joint PhDs. We will also be getting foreign students to study here for such joint PhDs. KGP has already started the SGR International Programme wherein KGP students are facilitated to visit abroad and foreign students to visit KGP.

5 Specific Endowment Programs - My Initiative

Endowments for Chair Professorship, Young Faculty Award and Scholarship are being promoted as per requirement of the Institute or on special request of the alumni.

In 2011-12 Ranbir Singh Gupta (B.Arch./1970) has contributed to set up a Chair Professorship Endowment at the Dept. of Architecture and Regional Planning. Alumni can donate individually or collectively a minimum amount of INR 25 lakhs to set up a Chair Professorship Endowment.

Additionally TAA Bangalore instituted a fellowship the Young Faculty Fellowship. Alumna Dr. Chandralekha Singh (Integrated M.Sc./Physics/1988) has donated in setting up a Faculty Excellence Award.

Such faculty awards can be set up by a Chapter or a group of alumnior individual alum for a minimum amount of INR 10 lakhs. Other great ideas will be viewd too which can be game changer in future.

6 Class Gift

Few experiences are more gratifying than learning; such was the stay at IIT Kharagpur campus during student life. It was more than education, receiving degrees. It is a journey from being a teenager to becoming of an adult ready to face challenges the world would throw. To celebrate this journey a Grand Reunion was organized on January 23 – 25, 2015, by the batch of 1970. What the batch is celebrating are the gifts it made to their beloved Alma Mater.

Class Gift is a idea of taking an initiative and giving back to the alma mater. Collectively a graduating batch can identify a project and donate for the cause. When they meet at KGP during a special gathering called "Grand Reunion", 3 days here dedicated to a single batch they will unveil or inaugurate their gift.

During 2015 "Grand Reunion" 1970 Graduating Batch announced that they will dedicate a facility (perhaps place and sculpture), where students can stop for a few minutes, or meet with their friends; alumni can use it as photo-prop etc. This idea is sanctioned by KGP and already work in progress. A very convenient site has already been chosen on the main campus, a triangular area across from the TATA sports complex, across from the Tikka restaurant and the traffic circle. This is a very busy intersection and ideal for the location of this facility.

This is not the only one which the 1970 batch has contributed. This batch has the history of setting up

schools and centers at the Institute. To name some of the other achievements members of this batch contributed to set up the G S Sanyal School of Telecommunication and M N Faruqui Innovation Center by Shri Arjun Malhotra, P K Sinha Center for Bioenergy by Dr. Prabha Kant Sinha, Ranbir and Chitra Gupta School of Infrastructure Design and Management and Uday Agnihotri Chair Professorship by Shri Ranbir Gupta. The best part of this batch is the spirit of Giving Back that too in the honor of others such as batch mates and Professors. These alumni have shared credit of their success with their friends and faculty of IIT- KGP which is quite in the line of the traditional Indian education system though not much common in modern-day India.

We have received great response from 1967 Graduating Batch for next "Class Gift" an iconic "Clock Tower" at the KGP main entrance.

KGP invites more Graduating Batches to come forward and take initiatives .....

Yes it happens in IITs and more so in IIT Kharagpur the oldest the largest and probably the most dynamic with the most committed alumni. And the alumni are here to acknowledge the role of their beloved Alma Mater in their success.

7 Vision 2020 Annual Donor Program

Give every year, Make a Difference Everyday!

The Annual Donation Program is a grass root fundraising program to help bring together alumni, faculty and well-wishers of IIT Kharagpur who can donate any amount annually. Through this program even those people who cannot contribute a big amount can participate significantly since their annual contributions over the years will accumulate substantial funds being generated. The program will be like a yearly ceremony showering your love to this great institution towards helping it fulfilling its ambition.

KGP Annual Donation Program

The Institute wants to excel its position as an academic and research driven institute with an impact that goes beyond the nation. With new IITs coming up there is a decreasing trend in funding from current sources. This would need more funding from other source. This fund will help in research & innovations, offer attractive remunerations to faculty and sustain other student oriented initiatives not funded by the Government. This fund needs to be built through regular donations over a long period of time and put into institute endowment which will take care of future needs.

Your gift is invested —never dissipated!

Become a Vision 20-20 Annual Donor

Helping to establish and grow institute endowment is an act of great generosity and envisioning the future of KGP's students. Donors who decide to help in creating an endowment do so because they understand the importance of supporting the institution not only during their lifetime, but for generations to come.

We invite you to become a member of Vision 20-20 Annual Donors, join hands with your alma mater to continue to serve as a innovation research driven Institute of national importance for generations to come.

More can be decided as per the future needs of the student's community. The opportunities are end-less once the required endowment fund is set up.

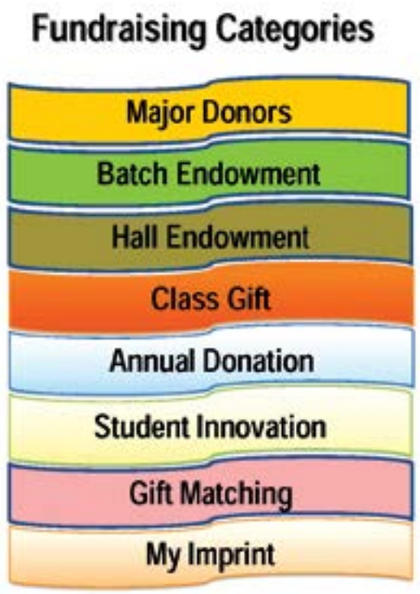
Annual Donors receive permanent recognition in the Annual Report and on a display at the proposed Hall of Fame.

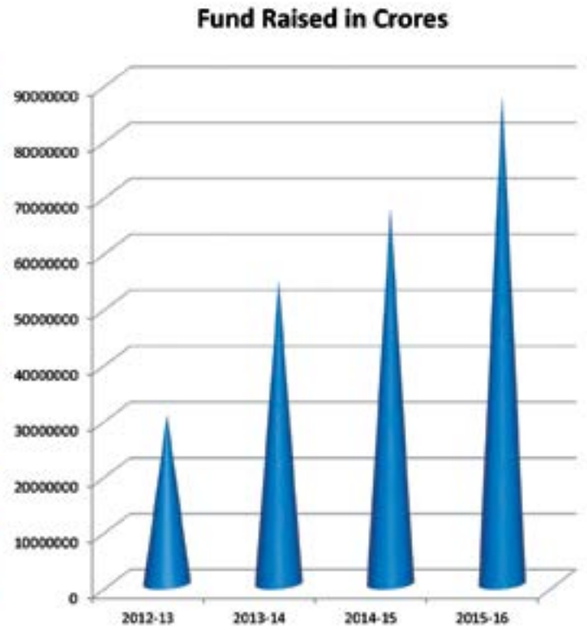
- Platinum Club – Yearly gift of Rs. 1,00,000 and above
- Diamond Club – Yearly gift of Rs.50,000 - Rs. 99,999
- Gold Club – Yearly gift of Rs.25,000 - Rs.49,999
- Silver Club – Yearly gift of Rs.10,000 - Rs.24,999

So Join Now ! Every Contribution Matters !

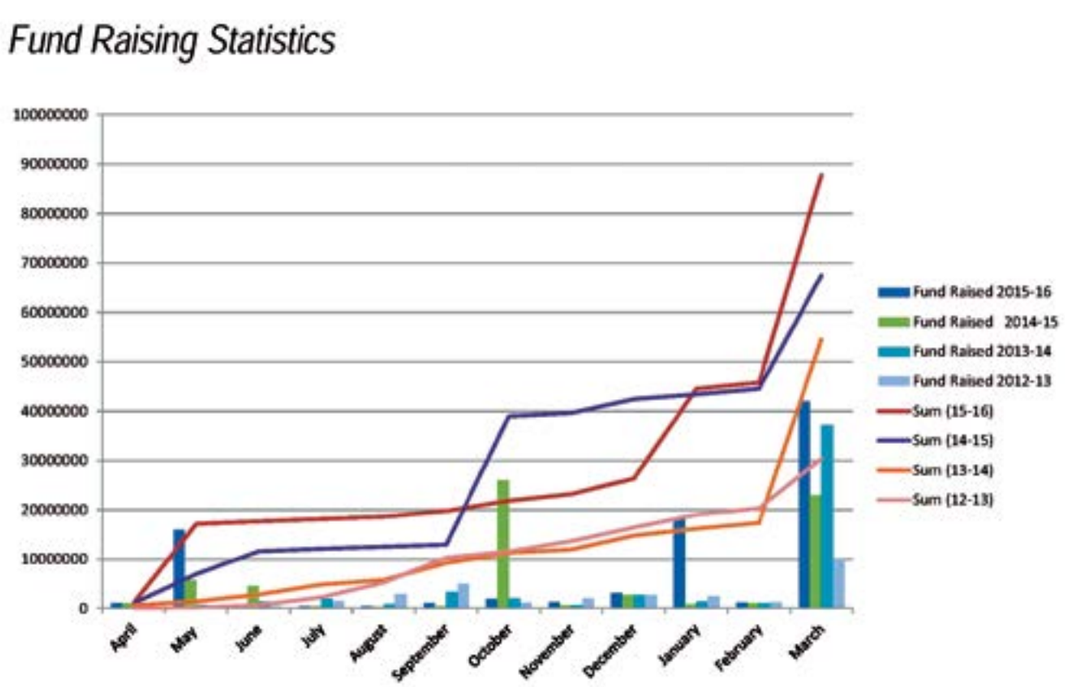
KGP Endowment Fund

Sustainable Fundraising Status





Sustainable Fundraising Roadmap



Thanks giving



Amit Deb

currently **Promoter & Proprietor, LATERAL SOLUTIONS**

(www.lateralsolutions.in;
email: amitdeb@yahoo.com; amitdeb@lateralsolutions.in)

A Chemical Engineer from IIT, Kharagpur (Patel Hall) and a seasoned professional having over 49 years experience in large, reputed organizations like Rallis India, Gillanders Arbuthnot, Herdillia Oxides & Maharashtra Polybutenes, where he was the Managing Director for both, simultaneously. He also held senior level responsibilities in Herdillia group. He has been the CEO of Sempertrans Nirlon Ltd & Bharat Serums & Vaccines Ltd. The total span of 24 years as MD or CEO was a culmination of top management roles in Production, Projects, Corporate Strategies & Marketing.

During his career, Mr. Deb has served a variety of industries, like Pharmaceutical Formulations and Bulk Drugs, Petrochemicals, Rubber Products, Plastics & PVC, Animals & Plants based chemicals & processed products, Heavy Inorganic Chemicals, to name a few.

Since 2006 till April 2015, Mr Deb held the additional role of Head of Corporate Planning & Projects for Nirlon Limited for a brown field development of an IT Park of about 30 lakh square feet of construction covering 23 acres in Goregaon East, Mumbai costing about Rupees 900 crores.

In his spare time, Mr Deb is active in sports & games, wildlife photography, dramatics and music. He is fond of motoring, travelling and cooking.



Amrit Parkash Khanna

Served the motherland by joining Indian Army in Corps of Engineers in 1967 till superannuation on May 1, 1997. Served both as a soldier and as an engineer in military engineer service.

During service career also took degrees of M Tech(SMF) from IIT Kharagpur 1974 and MBA from Punjabi University Patiala 1997.

As a soldier served in all ranks up to colonel and commanded an Engineer bridge Unit in an elite strike corps. As an Engineer officer in MES held all posts of design engineer up to grade 1 designer and designed all kind of buildings, roads, airfields, radar stations and so on. As an executive held the posts of garrison engineer, commander works engineer and additional chief engineer. Post superannuation, worked in various private organizations and planned world bank and Asian development bank projects for four years. Now leading a retired life and enjoying golf and other hobbies.

In his own words

"IITans are held in high esteem in all armed forces. Life is good and balanced in this profession with ample scope for engineering profession. I enjoyed this career thoroughly."



Arnab Sarkar, PhD

1967 ChE, Azad Hall

I came to USA after leaving KGP and eventually settled in Los Angeles, California. I Retired at age 70 and now spend time with children & grandchildren, reading and traveling around the world. A generalist at heart, my career was consistent with my history as a student athlete at KGP. After my PhD in Materials Science I worked as a scientist, a technical manager, a corporate executive, a serial entrepreneur and a global consultant - all in the field of fibre optics. Also had multi-year stints as a professor in USA (UCLA) and in India (IITGn).

Interaction with IIT KGP:

I visited KGP as a TOKTEN (UNDP) scholar in the early 1980s. I was also an invited speaker in a conference of the Indian Ceramic Society held at KGP and I have visited other times just as an alumnus.

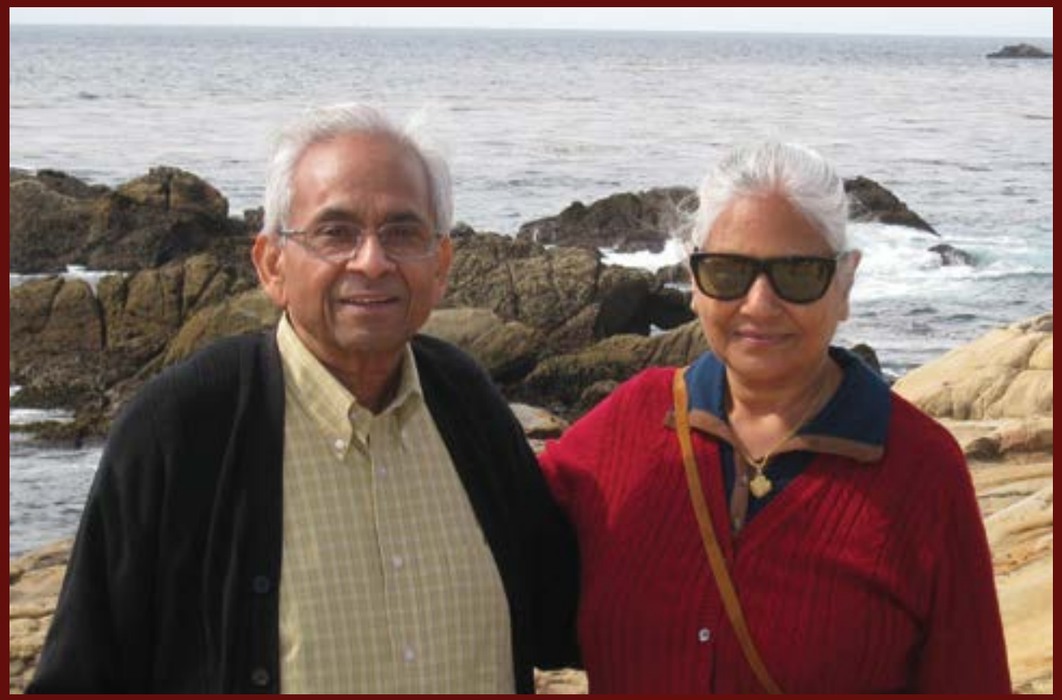


Atanu Das Gupta (MN/RK/92)

Atanu graduated from IIT Kharagpur in 1992. Although he had done his graduation in Mining engineering, he was always interested in working on computer software. Initially he started his career in Bombay out of campus to Rolta India Limited. Later he worked in various companies in India and USA, including product companies such as Informix, Sun Microsystems and Netscape. He also consulted for various start-ups during his career span. Last 10 years he has been playing various leadership roles in Europe, US and India. At present he works at HP Software leading few products related to Systems Management and Visualization. He loves to connect with students and ex-KGPians.

Atanu says,

"Felt great after so many years to be able to contribute to my own IIT. Abhinav was very helpful in guiding me through the process."



Avinash Sangal

After my B.Tech. in 1963 (Mechanical/RK Hall), had a short stint at the industry and went back to IIT Kharagpur to pursue my M.Tech. I completed M.Tech. (Industrial Engg. & O.R./ JCB Hall) in 1966. Later on in my working career, I switched to Finance. Out of a total working career spanning about 40 years, about one third initially was in the field of Industrial Engineering. with organizations like Guest, Keen, Williams Ltd. and Union Carbide India Ltd. The rest of my career was in Finance with Philips India Ltd.

After retirement from Philips India Ltd. in 2002, settled for good at Pune. My elder daughter Saloni, son-in-law Gautam and grandson Siddharth (18) are based at Pune, whereas my younger daughter Mohini, son-in-law Winston and grandchildren Toshar (8) and Nira (6) are based at Silicon Valley, USA.

I am always indebted to IIT Kharagpur which has not only provided me an excellent entry point, but a solid foundation for progress in my working career/life. It is always a pleasure to contribute, whatever little I can, towards making IIT Kharagpur a world class institution.



Barid Manna

EDUCATION

1961 - Senior Cambridge school leaving certificate
1966 - B.Tech in Chemical Engg from IIT - Kharagpur
1968 - M.Eng in Chemical Engg with Canadian Nat'l Research Council Scholarship from Nova Scotia Technical University, Halifax, Canada.

CAREER PATH

- Shell Canada, Calgary, Canada; Gas Plant Engineer
- Ministry of Environment, Victoria, BC, Canada; Head of Air Pollution Dept.
- Canadian Int'l Development Agency (CIDA) , Air Pollution Specialist Advisor for Indonesia.
- UN Specialist Advisor for Energy & Environment to the Prime Minister of new Timor Leste.
- Currently Principal Advisor for Climate Change & Air Quality in Indonesia.
- Life Membership awarded by Canada, BC Assoc of Professional Engineers.

QUICK TAKE

- I have learned that success should be measured, not by fame or fortune that one has acquired in life, but by the obstacles which one has to overcome while trying to succeed.

ADVICE FOR YOUNG IIT-ians

- Be a sponge and absorb as much knowledge as you can. Be greedy not for fame or fortune but for knowledge. Do not limit your knowledge and network to a narrow sphere or silos. But develop many skills to create and innovate continually. It helps you to join the dots a lot better and cross fertilize your ideas and solutions. Finally as a Climate Change advisor, I advocate to reduce our current level of excessive consumerism. I quote our great Mahatma Gandhi:

"Consume what you Need and do not consume according to your Greed!"



Devender Nath

Dr Devender Nath is Founder Owner & CMD of RHODIUM Group of Ltd Cos. He also runs a Philanthropic Foundation in memory of his parents, Shri Brij Nath & Smt Raj Rani. Dr Nath is a Director on the Board of Hitachi Home & Life since 2008 and on the Board of IBS & ITM Management Schools. He is also an Alumni of IIM Ahmedabad & has had exposure to Harvard & Wharton Business Schools.

Dr Nath headed ERP Business & Corporate functions at L&T Infotech. He grew the manpower from 450 to 5500. The Country Manager for US reported into him.

Earlier Dr. Nath was Head HR at L&T Group for the entire workforce of 25,000 employees.

Till 1995, Dr. Nath was Head R&D of the Electrical Business Group. In 2015, the Annual sales of Switchgear Products of L&T that passed through his hands exceeded Rs 4000 crore. He has four patents to his credit. He has presented Technical Papers at conferences in US, Canada & Japan. His products were awarded at Hannover Fair.

He was the Golden Jubilee President of Bombay Management Association. He has been conferred an Honorary Doctorate Degree. Has been a Rotarian since 1984 and twice President.

His family consists of wife Asha, elder daughter Shilpa married to Praveen and having a son Arnav, and younger Son Chirag married to Sheena and having a son Akshat.

Message

IIT Kharagpur has nurtured us for five years and has played a major role in laying a foundation of what I am today & whatever little I have been able to achieve.

No amount of money can repay what we all owe to our Alma Mater. My donation to 1966 Batch Endowment is a very small contribution in paying my respects.



Farrokh Mistree

Email- farrokh.mistree@ou.edu
URL- http://www.ou.edu/content/coe/ame/ people/amefaculty/mistree.html
LinkedIN- http://www.linkedin.com/pub/farrokh-mistree/9/838/8ba

Farrokh Mistree's passion is to have fun in providing an opportunity for highly motivated and talented people to learn how to define and achieve their dreams.

Farrokh is an Azadian who earned his B. Tech (Hons) degree in Naval Architecture in 1967 and his Ph.D. in Engineering from the University of California, Berkeley in 1974.

Farrokh is a Fellow of ASME, an Associate Fellow of AIAA, and a Life Member of The Honor Society of Phi Kappa Phi. He was named the ASME Ruth and Joel Spira Outstanding Engineering Design Educator in 2011. In September 2012 he was recognized as a Distinguished Alumnus of IIT Kharagpur. In December 2012, he received the Life Time Achievement Award from the International Society for Agile Manufacturing, Lafayette, Louisiana.

Farrokh is the L.A. Comp Professor at the University of Oklahoma, Norman, Oklahoma and co-directs the Systems Realization Laboratory @ OU with his wife of forty-one years Professor Janet K. Allen (Industrial and Systems Engineering).

Janet married Farrokh in December 1974, Their two sons Dinsha (PhD Politics, Princeton), Behram (PhD EE, Stanford) are married to Fareeza (LLM, UC Berkeley) and Kristen Lurie (PhD EE, Stanford), respectively. Janet and Farrokh visit IIT Kharagpur regularly and are delighted to see innovations in the academic programmes and the dedication of the faculty to the institution.

Twelve of Janet and Farrokh's former doctoral students are pursuing highly successful careers in academia. In addition, one master's and one post-doctoral associate own not-for -profit colleges in Odisha, India. They believe that being a professor is the best job in the world. The only thing better than that is to be married to one. They encourage the coming generations of IIT Kgp graduates to obtain their doctorates and pursue academic careers in India. This, in their opinion, is the best way to give back to Farrokh's Alma Mater.

Personal experience while participating in this endeavour:

The notion of a 1966 Batch Donation was born when we visited IIT Kharagpur on December 10, 2012 after the Pan IIT Meeting in Kolkata. Thanks to Amit Deb's efforts that brought us together in Kolkata at the Pan IIT meeting, a few of us followed up our visit to IIT KGP with a reunion in Digha. At Digha Rajendra Kumar Bagrodia agreed to spearhead the drive. Further, Rajendra Bagrodia, Krishan Lal Chachra, Amit Deb, Vinod Gupta, Anal Jain, Vinay Kapoor, Raj Kumar Malik, Farrokh Mistree, Sushil Mohapatra, Daljeet Randhawa and Nrupendra Rao made a commitment totaling INR8 Lacs towards the class gift. Rajendra followed up with an email to all in the 1966 batch on December 25, 2015. "Thanks to Rajendra's dedication to the cause and Amit Deb bringing us together, the rest is history.



Manav Sharma

Mr. Manav Sharma is currently a Senior Portfolio Manager at Karya Capital Management in New York City, a global macro hedge fund with approximately USD 1 billion under management. Prior to this, since 2002, he worked as an Interest Rates Derivatives trader at leading Investment Banks in New York. Mr. Sharma holds a MS in Mechanical Engineering from Columbia University and earned his B. Tech. in Agricultural and Food Engineering from the Indian Institute of Technology, Kharagpur.

In his words

"The cumulative impact in my personal and professional life of my formative years at Kharagpur is much greater than what I can ever repay. I wish I would have started sooner.

I am glad we have an endowment in place. With the the support of alumni, I hope over time this propels the Institute to the top tier of global universities."



Pabitra Mukerji

Linkedin- https://www.linkedin.com/in/pabitra-paddy-mukerji-109a5a53

Current Engagement:

After working for various companies for many years, I decided to fly solo. So from 2009 I have resurrected a company that I founded and incorporated when I was a graduate student at MIT. The name of the company is generic, Naval Architecture and Marine Engineering Consultants, Inc. It provides technical and management consulting services to a diversified group of offshore and marine related companies.

Personal Experience:

Like many of us, I left IIT Kharagpur with a heavy heart and an uncontaminated soul. I wondered how life would be without all those great IIT friends and the PJs (poor jokes). And initially it sure was challenging to blend into what we jokingly used to call 'normal social life'. But the daily pressure of living started to make things fall in place. I left India for USA, went to MIT and conned them into giving me a graduate degree with very high GPA in my undergraduate stream at IIT - Naval Architecture and Ocean Engineering. Two other graduate degrees followed, in Structural/Civil Engineering from Tulane University in New Orleans and in Computer Science that was started at Duke University, Durham and completed again at Tulane. You see, as my wife pokes fun at me, I am the collector of degrees.

My employment with McDermott International, a famous multinational offshore contractor based in New Orleans, now in Houston, was a chance encounter. Since they designed, built and installed both fixed and floating offshore oil and gas production facilities, my training of how floating things behave and how to analyze and design them came in handy. I started in the R & D department. It seemed to me then that the company didn't like me much because they kept on transferring me to many departments (from R & D to engineering to operations) and working places. And by different working places I mean different countries. However now I know I was being groomed for an international company. So, in addition to New Orleans and Houston, I lived and worked in Europe (Belgium, Holland, France, Norway, UK and Spain), Brazil and Australia. And I made business trips of long durations to other places known for offshore work such as the Middle East, South East Asia, West Africa, Former Soviet Union countries. After what seemed like an eternity of living in the foreign lands, I finally returned to the New Orleans office with the hope of staying there for the rest of my life. But someone with a lot more power did not want that. So a hurricane named Katrina was sent in our direction in 2005. Our house was flooded and obliterated - we lost all our terrestrial possession. Luckily we had evacuated to Houston which we now call our home. In Houston I decided to retire from McDermott (climbing from the position of naval architect to the director of the company) and went to work for another offshore company named SBM offshore in a senior management position. That lasted for about 4 years.

Quote:

'You dance with the girl that brought you to the dance.' IIT Kharagpur was instrumental in turning a boy into a man, so with deepest gratitude I give back. Thank you.



Prabhat Kumar

I joined the Ph. D. Program in Materials Science in September 1966 and the industry upon graduation in 1972. After dabbling in various technical fields, I settled down into Powder Metallurgy and Refractory Metals (Mo, Nb, Ta,W). I retired from the H.C.Starck as V.P. of Global R&D in the end of 2013 and started consulting.

On the personal side, my wife Aparna and I live in metro - Boston area, have two married daughters (an M.D. and a Ph.D) and three grand sons. Our daughters are settled in Raleigh, N.C. and Longmont, CO.

A few years back, I started giving back to India. In addition to small monetary donations, I gave courses and lectures in India in 2014, as well as became M.D. of H.C. Starck, India; these were non paying activities.

I plan to continue these activities, and also offer consultancy to various organizations in India in Refractory Metals and Powder Metallurgy.



Prem Vrat

Prof. Prem Vrat is Pro-Chancellor, Professor of Eminence & Chief Mentor at ITM University, Gurgaon. He is B.Tech (Hons.) and M.Tech from IIT Kharagpur and Ph.D. from IIT Delhi. He has been Director IIT Roorkee; Vice Chancellor, UPTU, Lucknow; Professor; Dean, Dy. Director and Director-in-charge, IIT Delhi; Professor of Eminence, MDI, Gurgaon and Professor & Division Chairman, AIT Bangkok, Vice-Chancellor, ITM University, Gurgaon. He is also an Honorary Professor at IIT Delhi and Distinguished Adjunct Professor at AIT Bangkok. He has visited 22 countries. Prof. Vrat has guided 38 Ph.D., 118 M.Tech. 65 B.Tech. projects and published more than 436 papers in journals and proceedings of conferences with more than **4300 citations** and **g-index of 64** and maximum citation of a paper as 620. He has published seven books and completed 5 sponsored projects and 33 consultancy assignments. He is Fellow of INAE, NASI, WAPS, IIIE and ISTE. He was conferred Doctor of Engineering (Honoris Causa) by Bundelkhand University; **Distinguished Alumnus Award** by IIT Kharagpur; **Distinguished Service Award** by IIT Delhi; **Uttaranchal Ratan Award, Lillian Gilbreth Award**; 13 best papers medals and prizes; **National Systems Gold Medal** by SSI and Honorary Member (IIIE)-the highest recognition. He was bestowed "The Guru" Award by SAE India Foundation and conferred the "**Life Time Achievement Award**" at the 18th International conference of SOCIETY OF OPERATIONS MANAGEMENT at IIT Roorkee. He has been on the editorial boards of many national and international journals and on the board of governors of many institutions/universities. He is an Independent Director on the Board of Air India, Member (MEAC) NBA, Technology Forum of INAE and Advisory Group of Experts for Technology Upgradation in Indian Railways.



Ravi Kant

Ravi Kant has played a significant role as CEO/Vice Chairman in making TATA MOTORS (TML) an admired and successful Indian Multinational Company. He engineered the creation of the ground breaking, low cost passenger vehicle Nano and the commercial vehicle ACE which revolutionised the market. He is also credited with acquisition of Daewoo trucks of Korea as well as the iconic British Brands Jaguar and Land Rover.

Ravi played a stellar role in turning around a sick loss making scooter company (LML Vespa), rejuvenating a stagnant consumer electronics business (Philips) and creating a highly valued Indian Fashion accessory Brand (Titan) . He has chaired /sat on several Tata Company boards. Currently he sits on the boards of Vedanta Ltd and Kone, Helsinki and US based non-profit organisations Enactus and Wonder Work.

Ravi is the Chairman of the Indian Institute of Management Rohtak and is on the Advisory board of business schools at IIT Kharagpur and IIT Mumbai as well as on the boards of National Institute of Design, and CGIO of Business School at National University of Singapore. He has chaired Advertising Standards Council of India, Audit Bureau of Circulation and Society of Indian Automobile Manufacturers.

He schooled at Mayo College, Ajmer, did B.Tech (Hons.) in Metullurgical Engineering from IIT Kharagpur, and Masters in Management Industry from Aston University , UK. He has been conferred with a distinguished Alumnus Award by the first two and Honorary. D.Sc. from Aston University, Birmingham . He is Honorary. Industrial Professor at the University of Warwick UK,

Ravi has been conferred with several awards and has spoken at several fora on marketing, business and leadership.

He is married to Arti and has two daughters Ravitanaya and Tanvi.



Sajal Kumar Roy Chaudhuri

An alumnus of IIT Kharagpur, Department of Mining Engineering (1966 batch) I joined Coal India Limited and later became an expert in fire control. Got the best prize for safety in 1984, including the Best Productivity Prize In 1984, at all India level, and retired as General Manager of Coal India in November 2003 after working in Dhanbad, Bilaspur and Asansol.

My experience of donating my mite does not amount to giving back or refunding anything to my Alma Matter as a gift. Our humble donations, put together, bid fair to foster the growth of one of the best global Institutes for the posterity to achieve global success academically.

At this stage of my life, the dream of my Alma matter expanding into an Institute of global standing ultimately is a jaw dropping experience. This institute may be considered as the watershed of the country with a wide catchment area and its water should irrigate the country to give us rich harvests of knowledgeable students. After all today's ephemera would be tomorrow's history.



Satyendranath (Satyen) Mukherjee

Dr. Satyendranath (Satyen) Mukherjee, 1976 B.Tech from IIT KGP, ECE department with PGM, has recently retired after nearly 30 years with Philips Research North America, where he was the Chief Scientist. He is currently working with several NGOs in India promoting education for children in underdeveloped areas and elderly home healthcare for chronic illnesses as an alternative to frequent hospitalization. He is also interested in promoting and developing renewable energy solutions including energy efficiency in buildings through lighting and other means, community level solutions and unique business models. Among his passions, Satyen enjoys photography, music and philosophy.

"It is a profoundly inspiring to be able to collectively contribute to the continued growth of our cherished institution, IIT Kharagpur, where we got our initiation not just to technology but obtained five years of comprehensive education in dealing with circumstances in our professional and social life."

Over the years, since graduating from IIT Kharagpur, the thought of giving back to our institute has been a continuous engagement with many of us. Informal discussions with KGP mates and sharing of ideas about possibilities have always occupied us through the years. We have also observed graduate schools in the US and elsewhere to see how alumni can, and have made a difference to the universities. The thirteenth annual alumni meet gave us a unique opportunity to meet with so many of our class and batchmates, for the first time in some cases in 40 years. It also gave us an indescribable delight in seeing first-hand the tremendous growth of the institution over the years in so many ways. This inspired us all to take some concrete steps towards contributing to this noble cause. All of us present at the meeting felt strongly about it and we managed to meet with the group informally and discuss our thoughts. This was the starting point. We formed a small team of three 76 batch mates (Anjan Sen, Vipin Popat and myself) and collected the contacts of as many batch mates as we could and sent our first thoughts soliciting ideas and suggestions. We were encouraged by the first response and followed this up with a more systematic approach to spreading the word to all 76 mates with help from the alumni relations department (Shivam Gupta). We came to the conclusion that a batch endowment is the best way to start and we set a goal of ten crore rupees to be able to make KGP financially secure in the years to come. We envisioned that this would be reasonable since we have around 628 graduates in all. After we sent out this message we started getting pledges followed by donations. As far as I can see, we are still in the initial stages and are looking forward to gaining momentum as we proceed. We are collecting contact information as we have so far reached only a third of the total. So my message to all who read this is please send us contact information and ideas on how we can reach out further to our batch mates.



Shiv Sharma

A mining engineer with 38 years of service, he started his career in underground mines of M/S Equitable Coal Co Ltd. (Macneill & Barry) in Asansol. After that joined M/S Pench Valley Coalfields Ltd. (Shaw Wallace & Co) in Chhindwara district MP. These mines were notorious for difficult working conditions in the Industry. Mr.Shiv Sharma also served as an active rescue trained person (14 years) for Emergency Rescue and Recovery operations in mines.

After nationalisation of coal mines, he worked in different capacities in various mines of CIL subsidiaries (WCL, SECL, MCL and CCL) in Production, Planning, MIS and other Departments. He retired as Chief General Manager (Production and MIS) from Nagpur HQ of WCL and is Presently settled with elder son at Nagpur.

For the last 11 years he has been working in the Capital Market.

His family is comprised of his wife and two sons. The elder is an MBA in Finance working as an Investor & Investment Consultant. The younger is a Dairy Technologist with an MBA from the National Institute of Agrimarketing, Jaipur in AMUL.

Both are married happily and are blessed with one daughter each.

In his own words

"We are now spending time with grand daughters and mentoring youngsters.I am interested in reading, travelling and building long term relations. After a satisfying life, it is a pleasure to contribute towards the growth of my Alma Mater."



Sumit Sadana

Current role:

President, Sunrise Capital Management
Board of Directors, Silicon Laboratories
Board of Directors, Second Harvest Food Bank

Current engagement with IIT:

Alumni and donor

Personal experience while participating in endeavour of giving back to alma mater:

It is with a profound sense of gratitude that I have made this gift to IIT KGP. Our alma mater gave us this strong foundation on which our professional career is built - it gives me great satisfaction to be able to make this gift as a way of expressing my thanks to this wonderful institution.



Venkatachalam R. Pavoor

IIT- Kharagpur 1966 Batch

E-mail : vpavoor@gmail.com

Mob- 098200-08060

Dr Venkatachalam R Pavoor graduated from IIT Kharagpur in 1966 and completed his Master's and PhD in Chemical Engineering from Drexel University, Philadelphia, USA.

He worked in the US for 4 years and returned to India in 1972 working as President / MD / and Director with MNCs such as Pfizer, Naarden (Uni-Lever), Ion Exchange, Ficom Organics, BTP UK and Star Chemicals (India) Ltd . He retired in 2014.

On giving back to his Alma Mater, he says,

"I want to give back to my Alma Mater so it is better equipped to shape its future graduates to meet the challenges of a New India in the 21st Century.

We never have enough to give. Just as we would do anything to give the best to our children, so we must save that extra to give to our Alma Mater."



Vijai Pratap Singh
EE/61/107

After having done B.Sc. in PCM from University of Allahabad, I got admitted in the 5-year integrated B.Tech[Hons.] course in 1961 at IIT, Kharagpur. I lived all through in Azad Hall of Residence. After a few months of graduating in 1966, I was selected as Apprentice Electrical Engineer in DCM group and put on training at DCM Cloth Mills, Delhi. My batch mates Sunirmal Surcar [EE], and M.M.Kumar [ME] were also selected and put on training at the same factory. I was selected for Shriram Rayons, Kota, and put on training at Delhi. However, I soon resigned from the company.

On the advice of my father who was a UP Govt. Officer [Medical Services], I joined erstwhile U.P. State Electricity Board, now U.P. Power Corporation as Assistant Engineer. I was associated in Generation and Distribution of electricity to all kind of consumers. While in service I successfully completed P. G. Diploma course in Management offered by All India Management Association, New Delhi, in 1983. I was transferred to many places in the state of U.P. and finally retired in January 2002, from the post of Deputy General Manager, at the age of 58 years.

I have two children son Manuj, and daughter Divya. Both of them live in the USA and are well employed there. I am spending my retired life with my wife Kusum in this sleepy town Bulandshahr in Uttar Pradesh.



Vinod Kumar Chadha

Now, with the perspective of hind sight I know why IITians are held in high esteem all over the world. They have the full understanding of the fundamentals, are capable of facing a problem and designing a solution, are not afraid of tough conditions or hard work, can carry the team with them, and can enjoy life while doing all the above tasks.

I was selected to the Indian Navy during my final year. The experience in Indian Navy, a fine service, gave me a chance to learn many new frontline technologies and warship design expertise. I had the privilege of serving on board some of the finest frontline ships like INS Vikrant, INS Talwar, and INS Mysore. I was an instructor at the Indian Navy's Electrical School, INS Valsura (Jamnagar), for advanced post graduate training in Electrical Engineering, Weapon systems, Navigation and Communication systems. I was part of the team for advanced warship design for about eight years.

I had the opportunity of studying at Jamnalal Bajaj Institute of Management Studies, Mumbai. I did my Systems Management (Hons) scoring first rank in Mumbai University. I retired from Indian Navy in 1997 with the honour of serving for 31 years.

After leaving the Indian Navy I joined Inca Informatics, a small company, in the field of GIS. During my tenure as Vice President the company blossomed to providing services in all spheres of GIS including Telecommunications. We associated with Telcordia Technologies (Now acquired by Ericsson) and did projects for major Telecommunication Companies all over the Globe. We did major projects for Natural Resources Canada. I had, in connection with our work, the opportunity of travelling to Switzerland, UK, France, Italy, Spain, Morocco, Canada and USA.

I feel very happy that my IIT background and experience of Indian Navy helped me to train, motivate and develop the fresh human resources into fine engineers who are now enjoying premium positions in the industry. I worked in Inca for about 15 years.

I joined Agnitio Technologies after Inca, a company primarily in the field of designing and developing Smart Energy Meter.

I retired from this company, after completing nearly 18 years in the private sector, in September 2015 as Vice President and am now enjoying a retired life.

On the home front, I married Indira in 1970. We were blessed with two sons, now well settled; my elder son is a Captain in the Indian Navy and my younger son is Director in Johnson and Johnson, USA. We have been blessed with four lovely grand children.

Batch Leaders' Note



R K Bagrodia

IIT Kharagpur has given us so much continuously for five years that whatever little we are giving back to our alma mater is a drop in the ocean.It should give us happiness. We should give our continuous support and love to KGP, in every way possible way.

Brief details –

I was an Azadian. I got my B-Tech (Hons) in 1966 in Chemical Eng. and did my MASc in chemical engineering and MASc in Management Science in the years 1968 and 1969 respectively from University of Waterloo, Canada.

I have been actively involved in activities related to social development and have received several awards for outstanding community services. I have also been involved in Dramatics. I had set up a Hindi Dramatics Society in Kharagpur and a play directed by me had come first in All India Inter University Radio Play Competition in 1965 and I was also director of the Hindi play which was staged at IIT Madras in 1965 during Inter IIT Competition. I was also chairman of the Institution of Engineers(Delhi Centre) for 2 years.

I have been an entrepreneur and set-up several industries in my career of about 45 years, in spheres including sodium silico fluoride, textile mill, world-class brewery, recycled bricks from Construction Waste, roads from Asphalt Waste, anti-corrosion coatings,mining of slate, skill development etc. I have been aggressively pioneering the introduction of innovative, eco friendly technologies in the country to make a difference.

This idea was born when we visited IIT, Kharagpur on December 10, 2012 after the pan IIT meeting in Kolkata. Myself, Chachra, Amit Deb, Vinod Gupta, Anal Jain, Vinay Kapur, Raj Kumar Malik, Farrokh Mistree, Sushil Mahapatra, Daljeet Randhawa and Nrupendra Rao made a commitment, totaling about 8 lakhs towards the fund. Everybody requested me to take the lead and become the batch leader and I agreed to spearhead the drive. I immediately followed it up with an e-mail to all in the 1966 batch on December 25, 2012 for the first time. Friends started contributing slowly and at times I was depressed with the progress.

I kept on making phone calls all over the world and sent endless emails.

I always knew that I will be successful. Money started pouring in from all over the world and each contribution gave me an impetus to keep on trying by getting more connections through phone calls and continuous e-mails and the rest is history.

From the Alumni Affairs & International Relations Office IIT KGP, Mr. Anirban joined hand with me and supported to a great Extent- from updating alumni meet events, following up for registrations and contributions to finally arranging a successful grand inauguration for the 1966 Batch Class Room unveiling during our 50 years reunion at KGP.

Today I am proud of the fact that because of the love and dedication of all my friends we have been able to achieve our target.



Jay Chatterjee

JAY CHATTERJEE is the Dean Emeritus (82-01) and Emeritus Professor of Architecture and Planning at the University of Cincinnati. He earned a Bachelor's degree in Architecture in 1958 from the Indian Institute of Technology, after post-graduate work in Tropical Architecture at the AA School in London, he emigrated to the US and holds Master's degrees in Regional Planning from the University of North Carolina and Architecture (urban design) from the Harvard University.

Dean Chatterjee's efforts led to a unique collaboration of national and regional architectural talent, which served as a model for several successive projects at UC, designed by several renowned architects such as, Eisenman, Gehry, Graves, Cobb, Childs, Gwathmey, Mayne, Youdell, and Tschumi, who could provide a distinguished and unique identity to the campus. Dean Chatterjee, as Chair of the Campus Green Committee, also initiated a master planning process to establish a spatial identity for the campus with George Hargreave as the Landscape Architect. His efforts resulted in the recognition of the UC Campus as one of the most beautiful in the world by the Forbes magazine. During his tenure many programmes at the college became nationally ranked including architecture, which received number one ranking. He serves on the City of Cincinnati's Urban Design Review Board, the Historic Conservation Board and of the Contemporary Arts Center Board and numerous other boards both past and present. He is a past-president of the ACSP (1983-85), the Seasongood Foundation for Good Government (2004-06), and The Architectural Foundation of the Greater Cincinnati (2003-05) and is a Founding Member of the Planning Accreditation Board. In 1991 he received the ACSP award for "outstanding contributions in city and regional planning and distinguished service to the discipline of Planning." In 1998 the Association named this award the "Jay Chatterjee Distinguished Service Award" in his programme. In 1996 the University of North Carolina-Chapel Hill presented him with the Distinguished Alumnus Award. He was a recipient of the 1996 Apple Award presented by the Architectural Foundation of Cincinnati. In 1999 he was inducted as a Fellow of the American Institute of Certified Planners. In 1999 he received the Post-Corbett Lifetime Achievement Award in the Arts. In 2000 the AIA bestowed on him the Thomas Jefferson Award for Public Architecture. He is the recipient of the 2008 "Visionary" Award of the contemporary Arts Center. In 2009, he received the ACSP Martin Meyerson Award for Distinguished Leadership in Higher Education. In 2012, The University of Cincinnati instituted a lecture program titled "Chatterjee-Global" to honour his contributions in 2012. The Mayor of the City of Cincinnati declared June 10, 2013, "Jay Chatterjee Day." In 2013 IIT Kharagpur honoured him with the Distinguished Alumnus Gold Medal Award. Dean Chatterjee has authored numerous articles and has lectured extensively across the globe.

Batch Leader note –

We all should feel highly privileged to have had the good fortune to receive the "IIT experience." Billions of countrymen stood behind us. To turn a phrase by Winston Churchill, and yes, I know he was a colonialist, " Never was so much owed by so few to so many. I hope my fellow KGPians will join me and contribute their fair shares. It is now time to give back.

Four years ago when I was given a "briefing" on IITKGP progress I was both impressed by progress made in terms of faculty and student accomplishments. I also was taken in by surprise by the level of sophistication and expertiseshown by our alumni organization. It is quite at par with any university in US. As a former dean I had raised a lot of money as is expected of deans at all major universities. At the request of the current dean at Harvard GSD, I co-chaired with Moshe Safdi a successful fund drive for them. I had to work closely with their alumni association. In my opinion we have a world-class organization at IITKGP. Get to know them and IIT will have a great future and improve its competitive position.



Rakesh Agarwal

Rakesh Agarwal is the founder and CEO of a leading, multi-million dollar chain of retail rugs and home furnishings stores in the Carolinas called Rug & Home. He was a Government of India Merit Scholarship recipient at the Punjab Public School in India and graduated from IIT Kharagpur in 1979 from Department of Mining Engineering. In 1985, he was chosen as one of six people globally for the Wool Foundation's Young Scientist Traveling Fellowship. Rakesh also led two companies, including Rug & Home, to win three National Rug Retailer of the Year Awards. On April 2016 he received the honour of 'Person of the week' by ABC affiliate WLOS News 13.

Always humbled and deeply affected by the challenges and strife of those less fortunate, and having grown up with very little himself, Rakesh has a deep commitment to giving back to his surrounding communities and those he comes from.

He has donated $20000 to the 1979 Batch Endowment at IIT KGP and leading the batch from the front where he raised Rs.25 lakhs so far. He and his family have donated cash and hundreds of rugs to various charities including the American Cancer Society, Meals on Wheels, Tsunami Relief, Katrina Relief, the Dadawas Project, and the Robin Raina Foundation. In 2007, Rakesh and his family established the Rug & Home Foundation, furthering their commitment to philanthropic causes, and set up a $100,000 endowment fund to a cause very dear to them – the Four Seasons Hospice and Palliative Care in Hendersonville, NC. From personally hand-delivering flower arrangements to area nursing homes multiple times a year, to distributing blankets to students in a blind school in India, Rakesh and his family are committed to helping as many people as possible in a hands-on manner.

In 2011, Rakesh led a group of volunteers to a remote area outside of Varanasi, India to hold a 3-day health clinic for people living in the surrounding villages with the express purpose of finding a sustainable solution to help better the health and lives of people in this region. The most prevalent problem that the team observed was cataracts in women and, therefore, under Rakesh's leadership, Vision Express was launched that year to help eradicate cataract blindness for underprivileged Indian women. In 2013, Rakesh was chosen by North Carolina Governor Pat McCrory to be on the Governor's Advisory Council for Historically Underutilized Businesses (HUB), which serves to promote economic opportunities for women and minorities in government contracting and procurement.

Founding Batch 1966

Founding Batch 1966

-from Mr. R.K Bagrodia

I was an Azadian.I got my B-Tech (Hons) in 1966 in Chemical Eng. and did my MASc in chemical engineering and MASc in Management Science in the years 1968 and 1969 respectively from University of Waterloo, Canada.

My Personal experience for the endeavor for 1966 Batch Endowment fundis overwhelming. This idea was born when we visited IIT, Kharagpur on Dec.10th, 2012 after the pan IIT meeting in Kolkata. Myself, Chachra, Amit Deb, Vinod Gupta, Anal Jain, Vinay Kapur, Raj Kumar Malik, Farrokh Mistry, Sushil Mahapatra, Daljeet Randhawa and Nrupendra Rao made commitment, totaling about 8 lakhs towards the fund. Everybody requested me to take the lead and become the batch leader and I agreed to spearhead the drive. I immediately followed it up with an e-mail to all in the 1966 batch on Dec. 25th, 2012 for the first time.Friends started contributing slowly and at times I was depressed with the progress.

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Today I am proud of the fact that because of the love and dedication of all my friends we have been able to achieve our target.

We should give our continuous support and love to KGP, in every way possible way.









Classroom named after the Batch of 1966 on being Founding Endowment Batch

Batch Leader: Rajendra Kumar Bagrodia (CH)

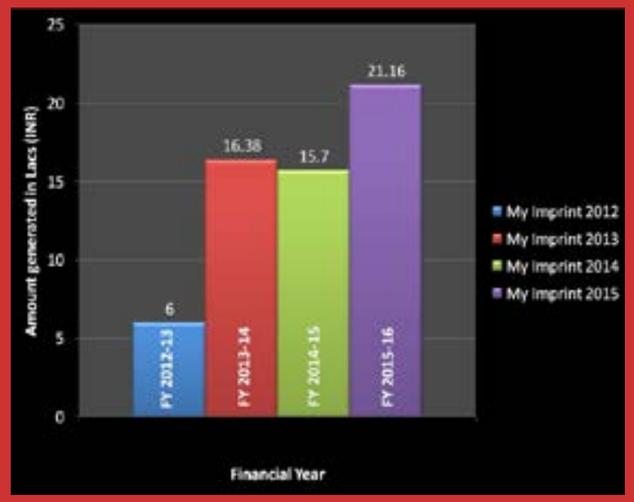
Devender *	Nath	EE	Hari Bhajan	Singh	EE
Sajal Kumar	Roychaudhuri	MI	Vinod	Gupta	ME
Denis Joseph	Mathias	EC	Vijay Pratap	Singh	EE
Banwari Lal	Churiwala	CH	Arun	Jindal	ME
Barid Baran	Manna	CH	Sushil Kumar	Mahapatra	MI
Raj Kumar	Malik	AG	Vijay Kumar	Banthia	MT
Debajoyti	Chatterjee	MT	Ajoy Kumar	Banerjee	ME
Farrokh Pudam	Mistree	NA	Arun Kumar	Gupta	ME
P R	Venkatachalam	CH	Anal Kumar	Jain	EE
J V Nrupender	Rao	ME	Aniruddha	Ray	EE
Amit	Deb	CH	Arjun	Dasgupta	CE
Ravi	Kant	MT	J Durga Nageswara	Sarma	ME
V N	Seetharama	MI	Kamalesh Kumar	Sharma	CE
Mandip	Kumar	AG	Krishna Lal	Chachra	MT
Abraham	Thomas	CE	Susanta Kumar	Mukhopadhyay	ME
Anand	Sircar	EE	Arun Kumar	Gupta	ME
Giddu	Krishnamurti	EE	Kailas Nath	Datta	MT
Rajiv	Tandon	ME	Naresh Chandra	Garg	AG
Prabhat	Kumar	MT	P V Ramchandra	Ayyar	CH
Avinash Chandra	Sangal	ME	Satyaban	Kar	MT
Biswaroop	Mukherjee	EE	Tushar Kanti	Ghosh	CY
Gurdial	Singh	EE	Amrit Parkash	Khanna	CE
Guruswamy	Raghunathan	CH	Vinay Kant	Kapur	EE
Kanwarjit Singh	Chadha	CE	Vinod Kumar	Chadha	EE
Rajeev	Paralikar	ME	Ranjan	Ghosh	ME
Rasamoy	Chakraborti	ME	Jagdish Kumar	Bihani	ME
Sanjoy	Shome	MT	Anil Kumar	Gupta	CE
Shiv	Sharma	MI	Arun Kumar	Biswas	CE
Suprakash	Mukherjea	CH	Ashok	Shukla	EE
Vinod Kumar	Gupta	AG	Debasish	Saha	ME
Mahendra Singh	Chatha	EE	Dinesh Kumar	Sachdeva	CH
Jacob	Punnen	MI	Kishore Kumar	Mishra	CE
Tapan Kumar	Basu	EC	Satya Narayan	Prasad	MI
Pronob	Bardhan	MT	Bibhaschandra	Bhattacharya	MI
Indu Shekher	Jha	ME	Daljit Singh	Randhawa	AG
Prem	Vrat	ME	Radha	Raman	ME
Ashok Kumar	Sahoo	CE	Ashok Kumar	Jain	NA

* By order of donated amount

My Imprint

Senior Class Gift 2015





- Total caution money = **INR 21,16,000**
- Total number of students who contributed = **353**
- Highest votes = Campus Benches **around 2.2**
- Total number of final year students who voted = **660**

This year's campaigning for "My Imprint Senior Class Gift Program" is successfully completed with 353 students donating their caution money and around 600 students voting for their favourite options (out of 9 choices given to them) for the Class Gift 2015. As per the design of the campaign, Class of 2015 with collective sign-ups of 353 is eligible for one of the options falling into Slab 1 (300 – 450 sign-ups) for Senior Class Gift 2015. Out of three options given to final year students, the highest voted option in Slab 1 is "Campus Benches around 2.2". (Complete voting pattern is shown here)

SLAB 1 [300 - 450 sign-ups]

	Campus Benches around	Bus Stand	Library Section
	2.2		
NO. OF VOTES	**261**	**136**	**217**
SLAB 2 [450 - 600 sign-ups]			
	Grand Pillar Clock	Water Fountain	Science Centre
NO. OF VOTES	**156**	**119**	**333**
SLAB 3 [600+ sign-ups]			
	Art Gallery	Celebration Centre	Music Recording Studio
NO. OF VOTES	**180**	**231**	**184**

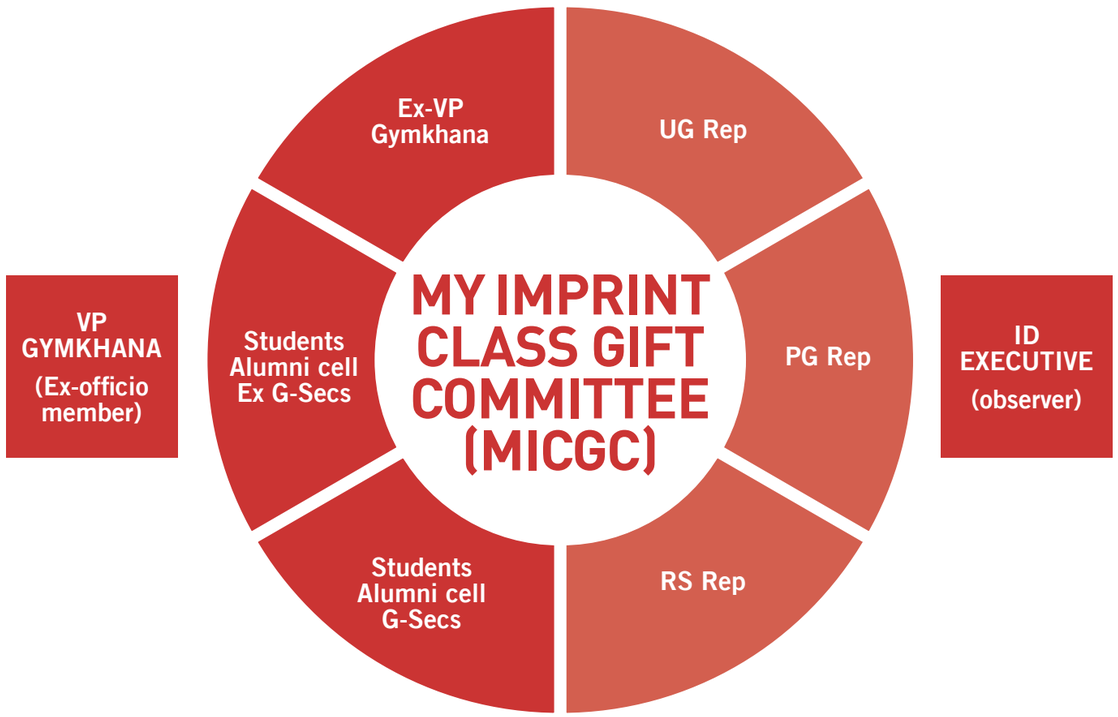
There has been an overwhelming support to the "Senior Class Gift Program" this year as indicated by almost 47% rise in the number of sign-ups received compared to last year (graph shown above). A lot of expectation and anticipation has grown among the student community about the upcoming campus benches.

Mechanism To Select Senior Class Gift

(By The Students, For The Students)

IIT-KGP has a long and historic legacy of Alumni Giving Back which has existed in different forms. The Senior Class Gift is yet another chapter to be added in KGP alumni legacy initiated under My Imprint Programme. It is a class-based effort directed towards raising unrestricted funds from students of graduating batch. A part of the collected fund is used for Senior Class Gift while the rest goes towards Endowment. The Endowment would again be utilized for students' services only. It is an opportunity for graduating students to take their first step in being soon-to-be alumni by making their own Senior Class Gift, a gift which impacts student life in the KGP campus. This challenge offers seniors the chance not only to make a gift, but also to leave behind their imprint.

As the My Imprint Program says, "By the students, For the Students", you may see the mechanism and process for the selection of Senior Class Gift which involves only students as the decider of the gift at every level. The structure of My Imprint Class Gift Committee (MICGC) shown below is comprised of student members only.



Hall Presidents (Sub Committee)

Elected Student Representatives

Collection and compilation of various ideas by the student members of Students' Alumni Cell in various slabs according to the number of final year students donating their caution money to the Institute.

- SLAB 1: 300 – 450 sign-ups [15 Lacs to 20 Lacs]
- SLAB 2: 450 - 600 sign-ups [20 Lacs to 25 Lacs]
- SLAB 3: 600+ sign-ups [Above 25 Lacs]

1st MICGC members meeting: The ideas are discussed and assessed in terms of cost, maintenance, longevity, feasibility and its benefit to KGP community. Student representatives provide their input and come with more and more ideas and options to be added for the final voting process.

2nd MICGC members meeting: 9 options of Class Gift, 3 in each slab, would be sealed as per the voting by all the student members.

- SLAB 1: Option1 Option2 Option3
- SLAB 2: Option1 Option2 Option3
- SLAB 3: Option1 Option2 Option3

Selected options would be released among final year students through web page (a dedicated webpage for Senior Class Gift) with an electronic form for voting where they could seek the following answers before voting:

- What is Class Gift? – The full concept of Senior Class Gift
- Why Give? – Why does it matter for such a big Institute like KGP?
- Options for Class Gift – Elaborated options for all the 9 Class Gifts along with the visualized pictures.
- MICGC Committee – Names, photographs and email of each and every member of the committee.
- Details about previous Senior Class Gifts (how much their seniors contributed)

Full-fledged online promotion to "Vote for Senior Class Gift" through mass mail, Facebook, posters, standees. Student volunteers visit halls and departments to promote the campaign among final year students during farewell ceremony.

Once the campaigning is done and votes of final year students are captured, the highest voted option according to the amount of caution money raised by the graduating students would be announced as the Senior Class Gift of that year and would be processed further for the establishment by the Institute administration.

My Imprint Donors 2015-16

Sl.No.	Rollno	Name	Degree	Dept
1	08AE1019	RUPAM DAS	B Tech	AE
2	10AE10020	PRATHIPATI PRIYATHAM RAJ	B Tech	AE
3	11AE10006	DESAI JAIRAJ CHETAS	B Tech	AE
4	11AE10012	GITHIN JOHN	B Tech	AE
5	11AE10031	VEERALLA SAI V YASHODHAR	B Tech	AE
6	10AE30001	ABHINAV BANSAL	DD	AE
7	10AE30007	JISHNU SURESH	DD	AE
8	10AE30010	MANGAVALLI SIVA CHARAN	DD	AE
9	10AE30019	TANUL	DD	AE
10	10AE30025	SUMIT	DD	AE
11	11AG10014	CHALLOJU HEMANTH ADITYA	B Tech	AG
12	11AG10023	NIRMAL GANDHI	B Tech	AG
13	10AG3FP01	APOORV JAIN	DD	AG
14	10AG3FP03	KONDURI VENKATA SHASHANK	DD	AG
15	10AG3FP04	NIMISH GOEL	DD	AG
16	10AR10002	ABHIMANYU ABROL	B Arch	AR
17	10AR10005	AKSHATA MOHANTY	B Arch	AR
18	10AR10018	MOHAMAD SHAHRUKH SHAIKH	B Arch	AR
19	10AR10026	PATKI RAJIV RAVINDRA	B Arch	AR
20	10AR10046	TUHINA CHATTERJEE	B Arch	AR
21	11BT10001	ABHISEK BANERJEE	B Tech	BT
22	11BT10006	ARNAB NASKAR	B Tech	BT
23	11BT10007	BARRI HARIKA	B Tech	BT
24	11BT10012	K SPOORTHY	B Tech	BT
25	11BT10016	NIHARIKA TOMAR	B Tech	BT
26	11BT10020	PRABHU GAONKAR TANMAY VISHNUDAS	B Tech	BT
27	07BT3001	SUBHRADEEP SAMADDER	DD	BT
28	10BT30009	DHANESH KRISHNA R	DD	BT
29	10BT30015	KUNAL MITRA	DD	BT
30	10BT30020	PAYEL MONDAL	DD	BT
31	10BT30024	TEJESHWAR SINGH GILL	DD	BT
32	11CE10002	ABHIK BHATTACHERJEE	B Tech	CE
33	11CE10007	ANKUR SINGH	B Tech	CE
34	11CE10014	GAURAV KUMAR	B Tech	CE
35	11CE10015	GUNTAKA JEEVAN PAUL	B Tech	CE
36	11CE10023	KURUVELLA NARESH	B Tech	CE
37	11CE10038	PRIYADARSHI ASHOK	B Tech	CE
38	11CE10052	THATIKONDA HARINI	B Tech	CE
39	11CE10060	YEMINENI HIMA SAGAR SAI PRASAD	B Tech	CE
40	10CE31003	DEVARSH BHONDE	DD	CE
41	10CE33005	ANKIT AGGARWAL	DD	CE
42	10CE33007	ABHISHEK ASHISH	DD	CE
43	10CE36001	MANGLAM SHARDA	DD	CE
44	11CH10002	ABHISHEK MALHOTRA	B Tech	CH
45	11CH10004	ADITYA BIKRAM BHANDARI	B Tech	CH
46	11CH10005	ADITYA JALAN	B Tech	CH
47	11CH10007	AKASH GUPTA	B Tech	CH
48	11CH10022	KUMAR MAYANK JHA	B Tech	CH
49	11CH10030	PALAK RUNGTA	B Tech	CH
50	11CH10033	PINKI	B Tech	CH

Sl.No.	Rollno	Name	Degree	Dept
51	11CH10045	SNIGDHA V GOLEY	B Tech	CH
52	11CH10048	SUPRITO BISWAS	B Tech	CH
53	11CH10055	MALLIKA SAHARIA	B Tech	CH
54	11CH10062	SAYANTAN SANYAL	B Tech	CH
55	09CH3022	PRASHANT KUMAR PRABHAT	DD	CH
56	10CH30006	GUNDLURU MOHAN REDDY	DD	CH
57	10CH30012	NAGA VENKATA SAKETH AYYAGARI	DD	CH
58	10CH30013	NAMAN AGRAWAL	DD	CH
59	10CH30021	SALMAN SHAHID	DD	CH
60	10CH30031	SHOAIB SHARIFF	DD	CH
61	10CH30032	KUMBHUM ABHILASH REDDY	DD	CH
62	10CS10030	PADAMATA MRUTHYUNJAYA RAO	B Tech	CS
63	11CS10002	AMARA YASWANTH	B Tech	CS
64	11CS10007	ARPIT KUMAR	B Tech	CS
65	11CS10010	CHANDA RAGHUVEER	B Tech	CS
66	11CS10019	KANTAMNENI VARUN	B Tech	CS
67	11CS10021	KARTHIK RAMANATHAN D R	B Tech	CS
68	11CS10023	KONIDALA SRI KRISHNA	B Tech	CS
69	11CS10028	MARU SUDARSHAN AVISH	B Tech	CS
70	11CS10031	NAMAN DASOT	B Tech	CS
71	11CS10038	SAMPRIT BISWAS	B Tech	CS
72	11CS10042	SHASHANK RAJPUT	B Tech	CS
73	11CS10049	UTKARSH CHANCHLANI	B Tech	CS
74	11CS10054	VUTLA HAREESH CHANDRA	B Tech	CS
75	11CS10059	JOT SARUP SINGH SAHNI	B Tech	CS
76	11CS10061	SHUSHMAN CHOUDHURY	B Tech	CS
77	09CS3013	DEEPIT PURKAYASTHA	DD	CS
78	10CS30002	ABHISHEK UPMANYU	DD	CS
79	10CS30003	ABHISHEK GUPTA	DD	CS
80	10CS30004	AKASH AMAT	DD	CS
81	10CS30005	AKASH MAURYA	DD	CS
82	10CS30008	ARUNENDER SINGHH	DD	CS
83	10CS30009	ASHISH VASAVA	DD	CS
84	10CS30012	BHADRESWAR GHUKU	DD	CS
85	10CS30014	CHALLAMALLA VENKATA CHARAN TEJA	DD	CS
86	10CS30015	CHITUKURI ARCHITHA	DD	CS
87	10CS30016	DEGWEKAR ANAND DHANANJAI	DD	CS
88	10CS30020	HARMANPREET SINGH	DD	CS
89	10CS30023	KALE ADITYA ASHOK	DD	CS
90	10CS30024	KHADE NILESH GAJANAN	DD	CS
91	10CS30025	KOMAL AGRAWAL	DD	CS
92	10CS30027	KRISHNA KANT SIJARIYA	DD	CS
93	10CS30032	PRATAPA SRIHARI VIJAYENDRA	DD	CS
94	10CS30034	RITWIK YADAV	DD	CS
95	10CS30036	SAURABH AGARWAL	DD	CS
96	10CS30037	SHAMBHU PRASAD	DD	CS
97	10CS30038	SHUBHANG VERMA	DD	CS
98	10CS30039	SIDDHARTH KUMAR GURURANI	DD	CS
99	10CS30041	PYREDDY MARY ARPITA	DD	CS
100	10CS30046	MANDEEP SINGH GILL	DD	CS
101	10CY20009	GYAN PRAKASH	M Sc	CY
102	10CY20015	MANISIT DAS	M Sc	CY
103	10CY20026	SAIF KHAN	M Sc	CY
104	13CY40006	ANIRUDDHA BISWAS	M Sc	CY
105	13CY40027	NANDINI KUNDU	M Sc	CY
106	11EC10001	AASHISH KUMAR	B Tech	EC
107	11EC10009	ANKUL KUMAR	B Tech	EC
108	11EC10014	B DEEPIKA	B Tech	EC
109	11EC10016	BAWANE AMRUT JAYANT	B Tech	EC
110	11EC10018	BHATTA SUSHMITH	B Tech	EC
111	11EC10019	BIBEK RANJAN SAHU	B Tech	EC
112	11EC10021	BODDU PRASHANTH KUMAR	B Tech	EC
113	11EC10022	BORA JEEVAN KISHORE	B Tech	EC
114	11EC10023	CHIRUMAMILLA KRISHNA VAMSI	B Tech	EC
115	11EC10036	MEDAPATI SWETHA	B Tech	EC
116	11EC10047	RAJSHEKHAR DAS	B Tech	EC
117	11EC10049	SANDEEP MAURICE DSOUZA	B Tech	EC
118	11EC10050	SANGHAMITRA DUTTA	B Tech	EC
119	11EC10051	SAURABH SINGH	B Tech	EC
120	11EC10056	TATIPAMULA JASWANTH KUMAR	B Tech	EC
121	11EC10062	YASWANTH YADLAPALLI	B Tech	EC
122	11EC10068	SUBHAM BANSAL	B Tech	EC
123	11EC10069	SANCHARI SEN	B Tech	EC
124	10EC32004	SIDDHARTH SRIVASTAVA	DD	EC
125	10EC32007	VELURI HASITA	DD	EC
126	10EC32016	TONMOY BISWAS	DD	EC
127	10EC34001	SIDDHARTHA SATPATHI	DD	EC
128	10EC34002	GHANORE ABHILASH KUMAR	DD	EC
129	10EC34003	PANKAJ CHAUDHURI	DD	EC
130	10EC35001	AAKASH UPADHYAY	DD	EC
131	10EC35005	ARNAB MITRA	DD	EC
132	10EC35017	KOLLI KIRAN KUMAR	DD	EC
133	10EC35018	BAHETI PRIYANKA SUSHIL	DD	EC
134	10EC35027	ABHAY KHAITAN	DD	EC
135	10EC35029	PULI SURYA TEJ REDDY	DD	EC
136	11EE10002	ABHISHEK KAPOOR	B Tech	EE
137	11EE10005	AMRITANSHU ANAND	B Tech	EE
138	11EE10007	ATHIKELA T N D SAI KIRAN	B Tech	EE
139	11EE10020	MOVVA JYOTI SWAROOP	B Tech	EE
140	11EE10027	PULAK SARANGI	B Tech	EE
141	11EE10028	RAHUL PRAJAPATI	B Tech	EE
142	11EE10033	SAI MADHAV SURABATHUNI	B Tech	EE
143	11EE10042	SIDDAM SAI RACHANA PATEL	B Tech	EE
144	11EE10047	TALLURI LAKSHMI NARAYANA GUPTHAJI	B Tech	EE
145	11EE10048	UMARE PRANALI RAMESH	B Tech	EE
146	11EE10059	PRAGYA SHARMA	B Tech	EE
147	11EE10060	ARINDAM MANDAL	B Tech	EE
148	11EE10061	PRIYANSHU SEKHAR PATRA	B Tech	EE
149	10EE34001	TELENA PRADHAN	DD	EE
150	10EE35007	PASUNURU RAMAKANTH REDDY	DD	EE
151	10EE35008	MUKESH KUMAR MEHER	DD	EE
152	10EE35010	ANSHUMAN YAJNAVALKYA PRADHAN	DD	EE
153	10EE35011	PRATIK SAHOO	DD	EE
154	10EE35012	AYUSH GOEL	DD	EE
155	10EE35022	N KRISHNA KANTH	DD	EE
156	10EE35027	KARAN KAKWANI	DD	EE
157	10EX20025	SAAKSHI ARORA	M Sc	GG
158	10EX20034	SYED MUBASHSHIR ALI	M Sc	GG

Sl.No.	Rollno	Name	Degree	Dept
159	10GG20014	KAUSHIK MITRA	M Sc	GG
160	10GG20018	MESHRAM NISHANT VINAYKUMAR	M Sc	GG
161	10GG20021	PATHRI LENIN KUMAR	M Sc	GG
162	13GG40002	ANWESA BANERJEE	M Sc	GG
163	10HS20006	AMRUT TRIPATHY	M Sc	GG
164	10HS20017	ISHAN GARG	M Sc	GG
165	10HS20027	NIMBALKAR KALYANI SANJAY	M Sc	GG
166	10HS20029	PRATEEK RASTOGI	M Sc	GG
167	11IE10006	ANKIT KUMAR	B Tech	IE
168	11IE10012	GOURANGA CHARAN	B Tech	IE
169	11IE10013	KANIKA BANSAL	B Tech	IE
170	11IE10015	KUDUMULA SUMANTH REDDY	B Tech	IE
171	11IE10020	PRANAB DASH	B Tech	IE
172	11IE10028	SUMAN AGARWAL	B Tech	IE
173	11IM10010	KONDAPANENI KARTHIK	B Tech	IM
174	10IM30014	GYAN PRAKASH	B Tech	IM
175	10IM30026	SRIKAR SETTUR	B Tech	IM
176	10IM30028	VIKAS DUBEY	B Tech	IM
177	09MA2036	KURAMANA KALYAN BABU	M Sc	MA
178	10MA20003	ABHISHEK BORAR	M Sc	MA
179	10MA20019	DICKSON SENAPATY	M Sc	MA
180	10MA20020	DIVYANSH KUMAR	M Sc	MA
181	10MA20024	HARSH VARDHAN TIWARI	M Sc	MA
182	10MA20030	MOHIT KHETPAL	M Sc	MA
183	10MA20033	NITESH KUMAR	M Sc	MA
184	10MA20034	RAVI KUMAR UPADHYAY	M Sc	MA
185	10MA20037	SAURABH KUMAR	M Sc	MA
186	10MA20038	SHEVGAONKAR POORVA PRASHANT	M Sc	MA
187	10MA20041	SIDDHARTH VISHWAKARMA	M Sc	MA
188	10MA20046	SUPANTHA SAMANTA	M Sc	MA
189	10ME10044	PRUDHVI BELLAMKONDA	B Tech	ME
190	11ME10008	ARKAL SAIPRASAD SHRINIWAS	B Tech	ME
191	11ME10016	CHEBOLU ARAVIND	B Tech	ME
192	11ME10022	JAKKULA AASHISH FINNEY	B Tech	ME
193	11ME10032	KUMAR SHIVAM	B Tech	ME
194	11ME10033	KUNAL DESAI	B Tech	ME
195	11ME10038	OM PRAKASH MEENA	B Tech	ME
196	11ME10039	PAMARTHI BABU VISWA VARDHAN	B Tech	ME
197	11ME10043	SACHIN S	B Tech	ME
198	11ME10049	SHAIK AKASH	B Tech	ME
199	11ME10050	SHANMUKHA RAO MEESALA	B Tech	ME
200	11ME10052	SHUBHAM AGARWAL	B Tech	ME
201	11ME10054	SIDAKPREET SINGH CHAWLA	B Tech	ME
202	11ME10057	SUMIT JOSHI	B Tech	ME
203	11ME10060	TUHIN SHEKHAR	B Tech	ME
204	11ME10062	UMANG THAREJA	B Tech	ME
205	11ME10064	VELUGUBANTI GIRISH CHANDRA	B Tech	ME
206	11ME10067	YELLAMELLI GEETA SRAVANTHI	B Tech	ME
207	11ME10074	ARITRA KAR	B Tech	ME
208	11ME10077	TANMAYA KUMAR DASH	B Tech	ME
209	10ME31002	ASHISH DEEP	DD	ME
210	10ME31005	VINOD PAL	DD	ME
211	10ME31006	S L SIVAREENA	DD	ME
212	10ME31007	VINJAMURI RAVI CHANDRA GOUTHAM	DD	ME

Sl.No.	Rollno	Name	Degree	Dept
213	10ME31008	NITESH KUMAR	DD	ME
214	10ME31011	RAHUL JAISINGH	DD	ME
215	10ME31015	HARSHIT MORE	DD	ME
216	10ME31017	SANJAY KUMAR	DD	ME
217	10ME31019	AJINKYA KHOCHE	DD	ME
218	10ME31020	M HARSHA	DD	ME
219	10ME31022	ASHWIN PRASHANT	DD	ME
220	10ME32001	KOONDANIBHA MITRA	DD	ME
221	10ME32002	AMBRISH RAIGONDE	DD	ME
222	10ME32006	SANJAY MEENA	DD	ME
223	10ME32009	NIRAJ KACHHAP	DD	ME
224	10ME32010	PINAKI PRASUN KUMAR	DD	ME
225	10ME32013	MADHUR SUDHIR GUJAR	DD	ME
226	10ME32015	ABHISHEK PAL	DD	ME
227	10ME32017	SIRSHENDU MISRA	DD	ME
228	10ME32020	SYED SAHIL HOSSAIN	DD	ME
229	10ME32023	DIPTESH SAHA	DD	ME
230	10ME33001	JARANDE SWAPNIL VIJAY	DD	ME
231	10ME33002	SAI SIDHARDH	DD	ME
232	10ME33004	SUMIT KUMAR	DD	ME
233	10ME33005	ROHAN TIWARI	DD	ME
234	10ME33006	SOUVIK BAGCHI	DD	ME
235	10ME33012	KANDUKURI SRIVATSA	DD	ME
236	10ME33013	MURAMALLA CHANDRA SHEKAR	DD	ME
237	10ME3EP07	ANISH KUMAR SINHA	DD	ME
238	10MF10008	DEBASISH KANHAR	B Tech	MF
239	11MF10003	AMRITA KUMARI ANAND	B Tech	MF
240	11MF10005	AVINASH VARMA PENMETSA	B Tech	MF
241	11MF10007	CHEWANG TAMANG	B Tech	MF
242	11MF10008	DINESH GOUNDLA	B Tech	MF
243	11MF10017	NISHCHAY NATH	B Tech	MF
244	11MF10018	PRANAY BOOBNA	B Tech	MF
245	11MF10019	PRATEEK RAJ	B Tech	MF
246	11MF10022	SABBILLA VIJAYA RAMA KISHORE REDDY	B Tech	MF
247	11MF10023	SAURAV KUMAR	B Tech	MF
248	10MF3IM02	AKSHAT SHRIVASTAVA	DD	MF
249	10MF3IM06	DIBYAJYOTI MOHAPATRA	DD	MF
250	10MF3IM14	SESHADEV PRADHAN	DD	MF
251	11MI10007	ANKUR MISHRA	B Tech	MI
252	11MI10013	DHEERAJ ARORA	B Tech	MI
253	11MI10020	MOHAN LAL BALIWAL	B Tech	MI
254	11MI10021	PRASHANT SINGH	B Tech	MI
255	11MI10025	RAJESH DALAI	B Tech	MI
256	11MI10032	SHILRATNA GANVIR	B Tech	MI
257	11MI10038	VISHAL AGRAWAL	B Tech	MI
258	11MI10039	VISHAL KUMAR GUPTA	B Tech	MI
259	10MI31010	MADDALI RAVI KIRAN	DD	MI
260	10MI31017	SHASHANK SHARMA	DD	MI
261	10MI31026	ARNAV KUMAR BINHA	DD	MI
262	10MI32002	ANKIT KUMAR NANDANWAR	DD	MI
263	10MI32014	PRANEEL JAIN	DD	MI
264	10MI32016	ROHIT SINGH CHAUHAN	DD	MI
265	11MT10006	ARNAB BHATTACHARYYA	B Tech	MT
266	11MT10008	BIKUMALLA MANISH	B Tech	MT

Sl.No.	Rollno	Name	Degree	Dept
267	11MT10010	CH VENKATESH	B Tech	MT
268	11MT10013	DHANVIJAY ANKIT PRAMOD	B Tech	MT
269	11MT10018	H KRISHNA CHAITANYA DORA	B Tech	MT
270	11MT10019	KOUSTAV MANDAL	B Tech	MT
271	11MT10030	RAMA SAI SANDILYA KURAPATI	B Tech	MT
272	11MT10032	S S SAI SATYAJIT	B Tech	MT
273	11MT10044	VIJAY KUMAR VISLAVATH	B Tech	MT
274	10MT30001	ABHILASH RAJ	DD	MT
275	10MT30003	ABHISHEK CHANDWANI	DD	MT
276	10MT30005	BHAGYASHREE	DD	MT
277	10MT30009	GEEDIGUNTA PRANITHA	DD	MT
278	10MT30014	PRANJAL YADAV	DD	MT
279	10MT30015	R PRADEEP KUMAR	DD	MT
280	10MT30016	RISHABH SINGH	DD	MT
281	10MT30021	SHASHANK KUMAR SINGH	DD	MT
282	11NA10005	AKSHAT BAVEJA	B Tech	NA
283	11NA10006	ANUJ BOTHRA	B Tech	NA
284	11NA10011	DEVARASHETTY SAIRAM	B Tech	NA
285	11NA10012	DOKALA VASU	B Tech	NA
286	11NA10026	PRANEETH GURUMURTHY	B Tech	NA
287	11NA10027	PRATEEK SINHA	B Tech	NA
288	10NA30018	PADAYATCHI NEPOLIAN SUBRAMANIYAN	DD	NA
289	10PH20002	ABHISEK DATTA	M Sc	PH
290	10PH20005	APURBA BERA	M Sc	PH
291	10PH20006	AYAN ACHARYYA	M Sc	PH
292	10PH20007	CHILUKURI YASWANTH	M Sc	PH
293	10PH20008	DATLA RAGHAVENDRA VARMA	M Sc	PH
294	10PH20011	DIPANKAR ROY	M Sc	PH
295	10PH20014	IMBESAT AHMAD	M Sc	PH
296	10PH20017	JATAN BUCH	M Sc	PH
297	10PH20020	MERIN C A	M Sc	PH
298	10PH20022	MOUKTIK RAHA	M Sc	PH
299	10PH20023	NILANJAN BANERJEE	M Sc	PH
300	10PH20027	SANDEEP KUMAR ACHARYA	M Sc	PH
301	10PH20028	SANJAYKUMAR PATIL	M Sc	PH
302	10PH20030	SOUMYAJIT MANDAL	M Sc	PH
303	10PH20031	SUBHAM KUMAR BARMAN	M Sc	PH
304	10PH20032	SURAJ TARENIA	M Sc	PH
305	13AG63R12	KRISHNA BAHADUR CHHETRI	M Tech	AG
306	13AT60R01	SHRUTI SWARNKAR	M Tech	AT
307	13AT60R02	THAKKAR JAY ASHWINBHAI	M Tech	AT
308	13BT60R09	SANNIV GANGULY	M Tech	BT
309	13BT60R15	SOURABH CHAKRABORTY	M Tech	BT
310	13BT60R17	GAUTAM PRADEEP MADHAB KAMALA	M Tech	BT
311	13CE62R09	SHIJU P VARGHESE	M Tech	CE
312	13CE65R11	AMARTYA BHATTACHARJEE	M Tech	CE
313	13CH60R27	SABYASACHI MONDAL	M Tech	CH
314	13CH60R31	PRAVEEN KUMAR SHAW	M Tech	CH
315	13CH60R42	SWARNENDU CHATTERJEE	M Tech	CH
316	13CL60R05	PATEL RAMKRUSHNBHAI SHAILESHBHAI	M Tech	CL
317	13CL60R11	SARATH RAJ K	M Tech	CL
318	13CL60R12	ANKIT JAISWAL	M Tech	CL
319	13CL60R13	AJITHA CYRIAC	M Tech	CL
320	13CS60D03	VISHNUVARDHAN P	M Tech	CS

Sl.No.	Rollno	Name	Degree	Dept
321	13CS60Q01	ASWINI KR PATRA	M Tech	CS
322	13CS60R11	PRATIP SARKAR	M Tech	CS
323	13CS60R12	AMRITH KRISHNA	M Tech	CS
324	13CS60R17	PRITAM PRASUN	M Tech	CS
325	13CS60R18	AMBUJ KUMAR SHARMA	M Tech	CS
326	13CS60R20	AVIK DAS	M Tech	CS
327	13CS60R21	SAMIK GUPTA	M Tech	CS
328	13CS60R31	GAURAV MISHRA	M Tech	CS
329	13CS60R33	ABHISHEK	M Tech	CS
330	13CS60R34	KATTOJU ANUSHA	M Tech	CS
331	13EC65D02	DIPAK DAS	M Tech	EC
332	13EC65R07	T SUJITH	M Tech	EC
333	13EC65R11	SUMEET KUMAR SETHY	M Tech	EC
334	13EC65R14	PRANTIK SEN	M Tech	EC
335	13EC65R16	NANDAKISHOR	M Tech	EC
336	13EC65R18	SAYANI BISWAS	M Tech	EC
337	13EC65R24	ROMI SRIVASTAVA	M Tech	EC
338	13EC65R27	DESHBHRATAR ASHWINI RAJKUMAR	M Tech	EC
339	13ID60R02	RELEKAR YOGESH RAGHUNATH SHAKUNTALA	M Tech	ID
340	13ID60R22	SACHIN KAMBOJ	M Tech	ID
341	13ME61R02	A V S S H SRAVAN KUMAR	M Tech	ME
342	13ME61R19	HAR GOVIND SINGH	M Tech	ME
343	13ME62R21	RAGHAV KUMAR	M Tech	ME
344	13ME63R31	GHULAM SARWAR	M Tech	ME
345	13ME63R40	TUSHAR MITTAL	M Tech	ME
346	13MI60R09	VARIKELA GOUTHAM	M Tech	MI
347	13MT60R01	KAUSTUBH KHOT	M Tech	MT
348	13MT60R19	RAJGIRE SHANMUKH HARISHCHANDRA	M Tech	MT
349	13MT60R36	SACHIN KUMAR	M Tech	MT
350	13NA60R05	BONTHU GEETH SRAVAN	M Tech	NA
351	13AR60R01	RITA MINHAS	MCP	AR
352	12MM60011	RONAK SHRENIKBHAI RESHAMWALA	MMST	MM
353	12MM60012	CHHATRALA PANKAJKUMAR KUMANBHAI	MMST	MM

Connectivity

Here are some statistics that give a detailed picture of IITKGP's alumni connectivity

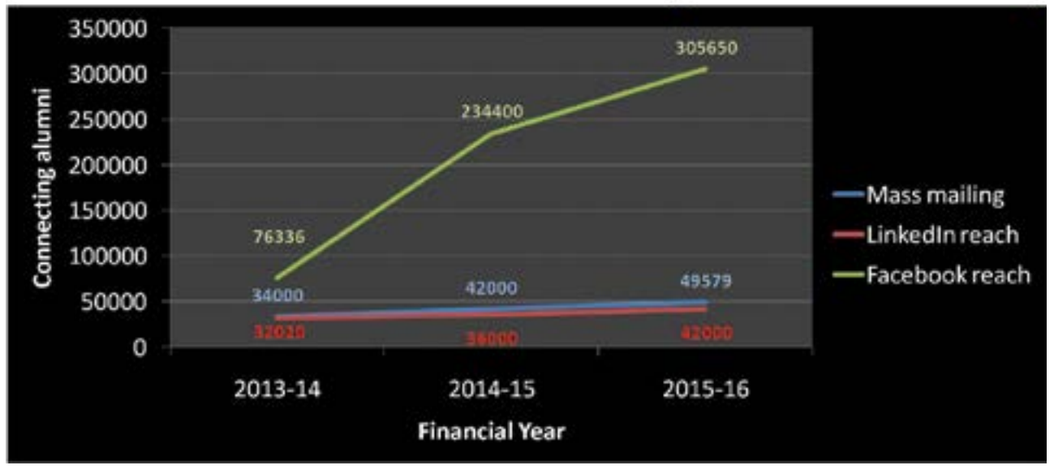
Linkedin university page reach 12,000
(KGP alumni globally)

3,05,650 Facebook Likes
(alumni+non-alumni)

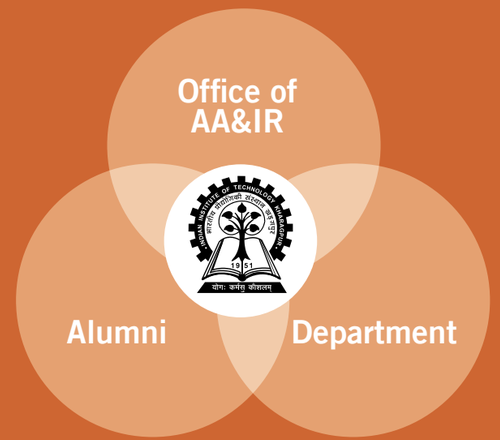
49,579
Email count for mass mailing

56,545
Total alumni graduated till date

2,675
Degrees to be conferred in 2016 (approx. figure)



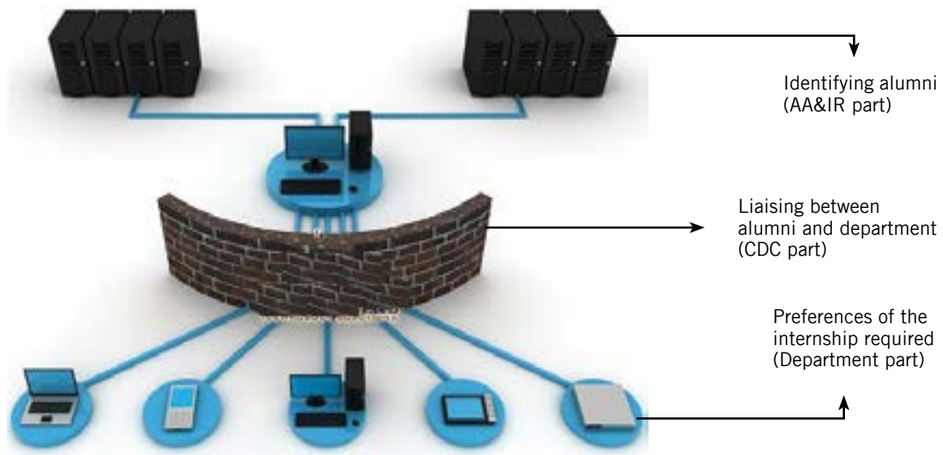
Department-Alumni Liaison For Internship Opportunities



The objective of this programme is to create an integrated system in the Institute with the involvement of departments, alumni office and CDC office with the objective of PG placements, UG internships, industrial collaboration and strategic planning. Through this programme, we intend to build and strengthen the alumni relationship with the departments by creating a platform for communication and mentorship.

'Department-Alumni Liaison for Internship opportunities' is launched with an aim to increase the internship opportunities for our students with the help of our alumni who are engaged in the corporate world. Through this initiative, we may achieve numerous objectives such as internship and recruitment opportunities for our students, industrial collaborations and partnerships with the departments and corporate exposure and projects for our faculty. However, currently the focus of this programme would be INTERNSHIP OPPORTUNITIES for our students.

The programme is designed in a way that it functions with the integration of Departments with the Career Development Centre and the Office of Alumni Affairs & International Relations.



Branding

Institutional Development Team has been assigned with the task of brand enhancement of IIT Kharagpur at national and international levels. There are various aspects on which the team is currently working on which are listed below:

Institutional Ranking | **Brand Outreach** | **Media Relations**

Institutional Ranking

Several departments from IIT Kharagpur have been ranked among the top 100 engineering disciplines by QS World University Ranking. The departments are:

i. Dept of Civil Engineering
ii. Dept of Mechanical Engineering
iii. Dept of Electrical Engineering
iv. Dept of Electronics & Communications Engineering
v. Dept. of Aerospace Engineering
vi. Manufacturing Engineering

The Institute's overall rank also improved from 324 to 286.



Yearwise Improvement in QS Rank

Considering the criteria of internationalization, the Institute has put special emphasis on bringing in international faculty for short-term courses, improving collaborations with foreign universities to facilitate student exchange programmes. The Institute under MHRD's GIAN programme offered courses by 22 international academicians. The Institute also had 31 students coming from abroad and 459 students from KGP going abroad under exchange programmes or internships.

The national Institutional Ranking Framework by MHRD has ranked at IIT KGP at the 3rd position among engineering institutions. It has made us to rethink where we need to improve and has revealed the gaps which we are unable to meet from our end and may need ministerial support.

The Institute has 8 foreign students enrolled in regular programmes at the undergraduate level. The Institute looks forward to admit more students especially with the Ministry of Human Resources Department announcing admission of foreign students through the JEE system.

The most critical criterion of any ranking agency is Academic Reputation which also includes the Faculty-Student ratio. At present, the Institute has 610 regular faculty and about 11000 students making the ratio of 1 faculty to about 18 students. Institutional ranking could be improved by improving this ratio.

There is huge scope for the alumni to help the Institute in institutional ranking. Alumni with required expertise may conduct courses at the Institute as guest faculty. The international alumni community can fund the Institute's international programmes by offering international internships to students. Alumni who are academicians can also visit the Institute as international faculty and facilitate for exchange programmes with their universities. The Office of Alumni Affairs & International Relations will provide all necessary support.

Brand Outreach

Outreach to IIT Aspirants

IIT Kharagpur has taken an initiative to reach out to IIT aspirants and provide them with requisite information regarding the Institute. Why a student should come to the Institute, what are the facilities regarding academics, placement, student life, financial assistance, all these information have been made available at the site why.iitkgp.ac.in. Students and faculty jointly manage the site and participate in interactions with the aspirants.

Students from the Institute have launched a Facebook group to interact directly with IIT aspirants.

A significant activity in this outreach initiative comes under media relations: publishing stories pertaining to academics, flexibility, interdisciplinary and new programmes, new methods of teaching etc., internship and placement, student achievements, co-curricular activities. All of these help position the Institute as a favourable destination for the students.

Outreach programmes are being organized at Chapter levels as well. The Kolkata and Chennai Chapters have been conducting events with school students. Bangalore chapter has been approached to work with schools in Bangalore and Mysore.

International Outreach

The faculty members have been visiting various foreign universities throughout the year. Under ID programme, a kit is being made which could be given to the faculty member to share with their counterparts at the foreign universities. A booklet about IIT Kharagpur has been prepared for this purpose. Additionally short films, powerpoint presentations, reports, promotional literature are also added in the kit.

Media Relations

Media Relations during the year 2015-16 has seen a stupendous growth. The coverage has gone up by 103% while the number of stories published has gone up by 174%.

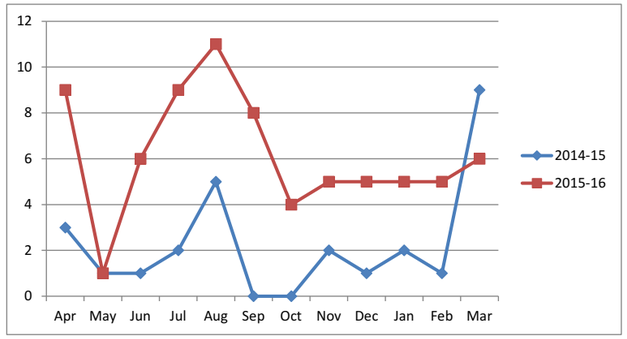
However, connectivity to media houses is strictly restricted to Kolkata, Mumbai and Delhi. The reach in the southern part of the country and internationally is the next target. Chapter engagement through assigning a media coordinator is the next level requirement. IIT Foundation US may also be approached in this regard.



Media Release Statistics

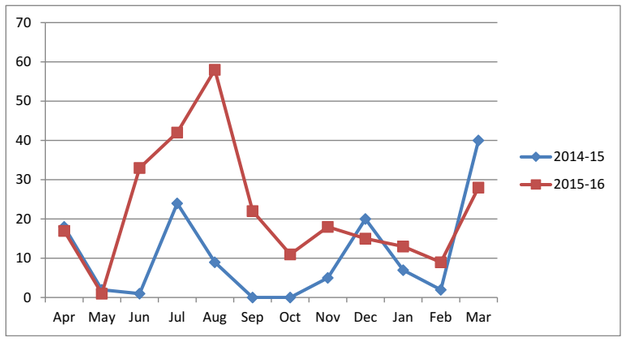
No. of Stories	2014-15	2015-16
Apr	3	9
May	1	1
Jun	1	6
Jul	2	9
Aug	5	11
Sep	0	8
Oct	0	4

No. of Stories	2014-15	2015-16
Nov	2	5
Dec	1	5
Jan	2	5
Feb	1	5
Mar	9	6
Total	27	74



Insertions	2014-15	2015-16
Apr	18	17
May	2	1
Jun	1	33
Jul	24	42
Aug	9	58
Sep	0	22
Oct	0	11

Insertions	2014-15	2015-16
Nov	5	18
Dec	20	15
Jan	7	13
Feb	2	9
Mar	40	28
Total	128	260



Media Releases

THE BETTER INDIA — WE REPORT ONLY POSITIVE NEWS. HERE'S WHY >

IIT Kharagpur Students Develop a Driverless Bicycle That Can Reach You with Just an SMS

Tanaya Singh
March 2, 2016
Disability, Innovation, Technology

For people with disabilities, for those who face trouble while steering or pedalling bicycles, for the benefit of bicycle sharing stations, for solving innumerable environment issues – this driverless bicycle developed by some students of IIT Kharagpur may well be the answer. Read how.

"We saw some differently abled people who could ride bicycles but had to face many problems when trying to take their bikes out from the parking space, as most such spaces are not disabled friendly. To tackle this problem we started working to make a bicycle that would be controlled wirelessly," says Ayush, a fourth year Mechanical Engineering student of IIT Kharagpur, who went on to develop i-Bike – a unique, disabled friendly bicycle that autonomously rides itself towards any given location.

The brainchild of Ayush Pandey and Subhamoy Mahajan, i-Bike has autonomous steering, brake, driving and balancing mechanisms.

Moreover, one can even ride it manually as and when required, with the help of its dual locomotion technology. The bicycle uses global positioning system (GPS) for automatic manoeuvring and responds to the GPS coordinates of the destination received via SMS with the help of an Android app meant for i-Bike. In order to avoid obstacles in its path, the bike utilises laser and sonar based sensors and uses the data to plan its motion. It has unique and affordable software architecture, which enables it to follow specialised bicycle lanes (as available in many countries with well-established bicycle sharing centres) and avoid obstacles. The bicycle is connected to a wireless telephone network, which provides wireless control and live tracking mechanisms.

If, for example, an arm amputee wants to use i-Bike, all he/she has to do is send an SMS to the bike using the Android app that has an option – "call the bike to my location." The GPS location is saved on a server that is continuously accessed by sensors on the bike. On receiving the location information, the bike instantly starts moving towards the destination. The rider can then add a new destination using the app and reach there with the help of autonomous steering.

While working on the project for about a year, Ayush and Subhamoy realised that the bike can have many other applications other than parking retrieval for people with disabilities.

"We felt that it can also be applicable in those bicycle sharing stations that run in many developed cities around the world and are also being planned in India. In such systems, you pick a bicycle from a station, ride it, and then leave it at another particular station. So you have to find a sharing station each time you want to leave the bike – governments have to invest a lot in setting up several stations like these. But if the bicycle is autonomous, it can be called by a user to his/her home and can be sent back to the station after use. This way, we can completely change the bike sharing system," says Ayush.

The i-Bike team comprises 13 undergraduate students from various departments of IIT Kharagpur. Ayush and Subhamoy initiated the project in October 2014 and it has won several awards in different student competitions.

In the recently concluded nationwide innovation challenge organized by KPIT Technologies, *i*-Bike won the first prize and was awarded with Rs. 5 lakh prize money.

The theme of the contest was 'Smart Solutions for Energy and Transportation' and i-Bike won among 1,700 other ideas. The team is currently filing a patent for the product design.

"The best thing about the bike is that it is a normal bicycle with external modifications only. All modifications are retractable and it can function as a normal bike by simply flicking a switch. So, in the case of bike sharing systems, users can ride the bike themselves after calling it autonomously. No such design exists in the world," says Ayush.

The steering of the bicycle has been modified using an innovative gear mechanism that allows both autonomous and manual modes with the help of a latch mechanism.

Trainer wheels have been used for balancing the bike and these too are easily retractable with the help of a switch.

With i-Bike, this team plans to solve the last mile transportation problem in many urban cities. The bicycle is primarily for use by people with disabilities, like amputees and the visually impaired, but will also be very useful to commuters who struggle to find affordable means of transport after getting off local trains, metros, and buses.

Once the team has the patent, they plan to collaborate with companies willing to start bicycle sharing centres in India.

BUSINESS INSIDER

SCIENCE

IIT-Kharagpur shows how to innovate, bags maximum laurels at innovation awards

BI INDIA BUREAUMAR 15, 2016, 03.44 PM

IIT-Kharagpur has shown how to innovate as the institute won the maximum number of laurels at the Gandhian Young Technology Innovation (GYTI) awards held at Rashtrapati Bhawan.

IIT-Kharagpur outperformed 276 institutes from across the country and maximum awards it won were of medical and biotech innovations. The appreciations were in engineering category.

"After four rounds of evaluation, 19 teams have been selected for innovation awards and 24 for appreciation. Of the 19 awards, 15 awardees in Medical and Biotech innovations category will get Department of Biotechnology sponsored (BITAC-SRISTI) grant of Rs 15 lakh each to further their prototypes," an IIT release said.

GYTI 2016 was a pan-India competition with over 2,363 innovation entries in 50 technology domains from 276 institutes from 26 states and two Union Territories.

Business Standard

New visual device could make stethoscope thing of the past

Press Trust of India I Kolkata July 9, 2015 Last Updated at 22:57 IST

The old stethoscope could soon be replaced by a smarter device developed by researchers from IIT-Kharagpur and an institute here which converts sound into images to make it easier for doctors to diagnose lung diseases.

Developed by researchers of the premier technological institute in collaboration with the Institute of Pulmocare and Research (IPCR), Kolkata, the core technology has been patented after successful field trials.

"The lung sound analyser is non-invasive and very easy to use. It converts signals into images, which makes detection of a disease easier and in-depth. Detection is much more precise," IIT-Kharagpur, Director, Partha Pratim Chakrabarti told reporters here today.

Pulmonologist PS Bhattacharyya, who developed the device along with IIT electronic engineer Goutam Saha, said they have so far identified a digital signature of interstitial lung disease and once they come up with digital signatures of six or seven other diseases, it could be introduced in the market.

The device would have special relevance in rural areas where health infrastructure was inadequate, he said.

"Even a lay person will be able to use it and then transmit the image using a smartphone. The doctor sitting at a remote location will then interpret the disease after seeing the image," the pulmonologist said.

He said that the product was now at a very basic stage and may find application in newer areas gradually.

Saha said the embedded system could be produced at a cheap cost to ensure its mass utilisation.

The invention was recently featured in medical journal, 'Respirology'.

THE FREE PRESS JOURNAL

IIT students turns into garbage collector

— By PTI I Mar 08, 2016 02:29 pm

Kharagpur (WB): Selling recyclable garbage in Kharagpur town is now as easy as ordering a pizza over phone, thanks to a social entrepreneurial initiative of a group of IITians.

A group of IIT Kharagpur students are successfully running a 'Kabaadi on Call' service which allows people living inside and outside the campus to call at a given number and fix up an appointment for a garbage collecting truck.

Phd student Abhimanyu Kar and his friends have formed a social entrepreneurial venture called 'GainWas e' which offers a comprehensive solid waste management and recycling services. "We have hired labourers to collect recyclable waste from residential quarters. They go with a digital weighing machine and a rate card for different types of waste," the mechanical engineering student told PTI.

They collect all kinds of dry waste from papers to bottles and plastic and then resell it to a wholesaler at a nominal profit.

They collect around 100 kg waste per day and sell around 1,000 kg recyclable waste in average. "Till now most of such waste used to land in Gopali landfill at the edge of our campus. It created pollution and there were problems in segregating organic and recyclable waste. Now things are improving," Kar, who founded the company with two other students, said.

Started in 2014, they are selling recyclable garbage worth Rs 20,000 every month on an A lot of professors have become the customers of this students-led initiative. Civil engineering department's professor Sudha Goel used to depend on the regular garbage collector who would come calling on a bicycle infrequently.

"But now I call them and they come at a time which is convenient to me. They take away everything which is recyclable and not just newspapers. I also get better rates," Goel said.

'GainWaste' is planning to gradually scale up the service by allowing customers to book their garbage sale with the help of a simple mobile app.

Besides the recyclable waste, they also collect organic waste from the dustbins in the campus to turn it into rich manure.

"We have 40 beds of vermicompost in Gopali which produces 8 tons of manure in a month. We sell it directly in the market," Kar, who took a fascination to recycling from childhood, said.

The idea began in 2014 when they won a students' project from a Bangalore institute and got a seed grant of Rs 3 lakh to start their work.

They are expecting support in the next stages from an environmental project being funded by the Innovation Challenge Grant, a research initiative under the Vision 2020 program of IIT-Kgp.

"Eco-friendly measures are the only way out to the proper maintenance of the hygiene, wellness and beauty of university campuses. These initiatives are not a sudden new addendum but have always been part of the functioning of the campus of IIT Kharagpur," said Prof Anir Dhar of civil engineering department.

THE ECONOMIC TIMES

Agriculture

PTI Sep 15, 2015, 11.07AM IST

After Dooars and Darjeeling, new areas in Bengal to produce tea

KOLKATA: Quality Indian tea will no more be limited to the likes of Assam and Darjeeling as IIT is helping new areas in Kharagpur and Purulia to produce scientifically- grown and processed tea.

At a small tea garden inside the campus, IIT-Kharagpur researchers have demonstrated how organic tea could be grown scientifically even in the plains and then the leaves processed in a cheaper way with their newly patented energy-saving machine.

In the vicinity of the campus, the Science and Technology Entrepreneurs Park (STEP) at the IIT, has identified 17 villages where commercial tea cultivation would soon begin.

"Tea cultivation will begin in non-traditional areas of south Bengal using new scientific methods. We are targeting small farmers with 5-10 cottah of fallow land. This will uplift the rural economy as well," STEP's Managing Director and Biotechnologist Satyahari Dey told PTI.

Under a project funded by the Tea Board, a team of scientists led by Professor Bijoy Chandra Ghosh of theAgricultural and Food Engineering Department has developed new CTC (crush, tear and curl) machines, which occupy less space and consume less energy.

"The existing technology used everywhere in India and even outside, is a century old. Our technology is very innovative and patented. It will reduce the cost of tea processing by about 20-30 per cent," Ghosh said.

They have already demonstrated the technology to small tea growers who were welcoming it.

"We are confident that this machine will change the tea industry forever due to cost savings," Confederation of Indian Small Tea Growers' Association (CISTA) President Bijoy Gopal Chakraborty said.

At a tea plantation in Jalpaiguri, CISTA members were installing the first such machine from IIT this month.

"You will soon find small tea growers queueing at IIT to get the machine. This will become a game changer," Chakraborty said.

IIT-Kharagpur officials said they would provide all required technological and agricultural inputs for new croppers.

Traditionally tea has been grown along the slopes of hills and not in plain lands.

Researchers say tea could be grown in plain lands like Kharagpur in West Midnapore district if the agricultural plot is turned into a slope so that the crop doesn't get damaged due to standing water.

"The soil here is laterite and porous. Shade management using an alternate tree crop will ensure that the temperature in the field never crosses 35-36 degrees centigrade. Irrigation can be done through sprinklers," Ghosh, who started the tea project, said.

Purulia's district administration has also shown interest in starting tea cultivation using the IIT methodology, he said.

Ayodhya Hills in the district have a moderately hot and humid climate, fertile acidic soil and slope land -- key requirements for tea cultivation.

Produce from the IIT tea garden in Gopali area spread over 15 acres, is now being sent out for sampling in the local market.

"Our tea quality is very good and people are liking it. This is probably the most scientific tea in the world," STEP's Professor Dey said.

The present model of their machine can produce 500 kg of tea per day, but it can be scaled down for small tea plantations.

He said they wanted the miniature machines to cost less than Rs 10,000 in the market for marginal farmers who could produce only 100 kg of tea in a month.

To operate the machines, young and unemployed science graduates would be trained by the institute, Dey added.

dna

Tue, 15 Sep 2015-01:40pm , Kolkata , PTI

IIT Kharagpur researchers develop method to produce tea in plains

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THE HINDU

NATIONAL

KOLKATA, January 1, 2016
Updated: January 1, 2016 17:42 IST

IIT Kharagpur, Japanese experts to work on smart cities

The Indian Institute of Technology-Kharagpur on Friday inked a deal with Japan's Nikken Sekkei Research Institute (NSRI) to plan, design and implement smart technologies to develop sustainable habitats for India's smart city growth.

IIT-Kharagpur's Ranbir and Chitra Gupta School of Infrastructure Design and Management (RCGSIDM), in association with the department of architecture and regional planning (ARP), has picked up the challenge to re-address the dimensions of smart city growth based on twin concerns: sustainable infrastructure and liveable habitat, officials said.

Under the Memorandum of Understanding signed on Friday, collaborative projects such as bullet train, other smart transportation technologies and smart agriculture will be brought in.

"This MoU targets design, planning and implementation of such projects and technologies for sustainable cities. Japan has the expertise in smart technologies and we are banking on our cultural history to take the relationship forward," said IIT-Kharagpur director Partha Pratim Chakrabarti.

Metros like Kolkata and peri-urban cities such as Asansol and many others in West Bengal and other states will be part of the plan, he said, during the international symposium on 'Liveable habitat and sustainable infrastructure: a key to smart city growth'.

Shigehisa Matsumura, principal consultant for NSRI said the deal would be a "good starting point" for the fruitful execution of the smart city programme.

Projects under IIT-Kharagpur's Sandhi initiative such as the Varanasi-Kyoto programme have been brought under the ambit of the agreement.

"This envisages recovery of Varanasi's greenery, creating heritage trails and tourism in the city. For Kyoto, the vision is to recover cultural ethos through revival of hand-tools, vocational education," said IIT-Kharagpur's professor Joy Sen, in-charge of the work.

THE ECONOMIC TIMES

Android chief Sundar Pichai on IIT-Kharagpur alumni honours list

PTI Jul 17, 2015, 04.30PM IST

KOLKATA: IIT-Kharagpur will honour 11 of its eminent alumni, including Google's Android team head Sundar Pichai, with the Distinguished Alumnus Award at its convocation next month.

Pichai, now the senior vice-president and product chief at Google, had completed his B.Tech in Metallurgical and Materials Engineering from IIT-Kharagpur in 1993. Having joined Google in 2004, he now oversees Android, Chrome, and Google Apps.

Among the honorees on August 9 will also be Defence Research and Development Organisation (DRDO) chief S Christopher, of 1980-batch, former NASA scientist and Bollywood filmmaker, Dr Bedabrata Pain, and world famous bonsai artist, Peter Chan.

The premier engineering institute recognises the professional achievements and contribution of its alumni through the Distinguished Alumnus Award each year on its Annual Convocation Day.

BusinessLine

Pre-placement offers up by 55% at IIT Kharagpur

PTI

KOLKATA, OCT 2:

Pre-placement offers have increased by more than 50 per cent this year at IIT Kharagpur, an institute official said today.

Compared to 92 such offers last year, IIT students have so far got 142 pre-placement offers (PPOs) this season, said Prof S.K. Barai, Chairman of Career Development Center at the IIT.

The number of companies making PPOs has also crossed hundred this year, he said, adding that students went for internship in areas of core engineering, IT and finance.

The highest package offered till now is 25 lakh, according to him.

"The trend for opportunities at IIT Kharagpur is increasing every year. With the increasing number of PPOs we believe that companies really like the talent that IIT Kharagpur is offering," Barai said.

Placement session will begin from December.

hindustantimes

IIT-Kharagpur sees 50% growth in internship offers

PTI, Kolkata I Updated: Aug 05, 2015 18:26 IST

Internships at the Indian Institute of Technology, Kharagpur, has increased by 50% this season, IIT officials said on Wednesday. Internships for the 2015-16 session began from August 1 and the number of offers went up by 50% as compared to last year while the number of companies visiting the campus also went up by 33%, they said.

Top global brands such as Goldman Sachs, Deutsche Bank, Microsoft, Facebook, Texas Instruments and Nomura, besides FMCG giants ITC, Hindustan Unilever and Reckitt Benckiser visited the campus.

Prof SK Barai, Chairman, Career Development Center, IIT-Kgp, said that with top-notch brands offering internships, there are high chances of converting them to pre-placement offers (PPOs) and thus automatically enrolling such companies as recruiters for final placement.

Atal Ashutosh Agarwal, Vice President, Technology Students' Gymkhana of the IIT, said interdisciplinary academic programmes are responsible for the enthusiasm shown by corporates.

"With a larger set of companies offering diverse set of portfolios ranging from core engineering to consultancy, finance, analytics and start-ups, IIT Kharagpur is surely standing up to its claims of providing a unique curriculum of the IITs," he said.

Media Releases

indiatoday in EDUCATION

INDIATODAY.IN NEW DELHI, MARCH 5, 2016 I UPDATED 18:59 IST

Students played crucial role in developing economical arsenic-filter, says IIT-Kharagpur Professor

IIT-Kharagpur Professor Sirshendu De wins an 'Innovation Award 2016' for making an economical water filter worth Rs 500 for districts in West Bengal.

Great minds make great innovations, like an IIT-Kharagpur Professor, Sirshendu De, who has recently completed his project of an economical filter for less privileged districts in West Bengal. Having realised the need of removing arsenic (chemical) content from the water, the professor started his work way back in 2004. The economically poor can now afford a filter at just Rs 500 for 100-litre water per day.

After receiving the coveted Innovation Award 2016, Sirshendu expressed his joy with India Today Education and the whole idea behind the research.

"We realised that the arsenic problem was emerging in some districts, including Murshidabad, North 24 Parganas and South 24 Parganas due to the nature of soil which was gangetic alluvial soil. However, districts like Midnapore, Purulia and Bankura were rocky laterite in nature, that works as a natural protection against arsenic content," he said.

According to the World Health Organisation (WHO), consumption of arsenic-contaminated water for 5-20 years causes severe diseases such as "skin problems (such as colour changes on the skin, and hard patches on the palms and soles of the feet), skin cancer, cancers of the bladder, kidney and lung, and diseases of the blood vessels of the legs and feet, and possibly also diabetes, high blood pressure and reproductive disorders."

The arsenic content in water was recognised in the 1980s, after which, many scientists tried to solve the problem. Prof De was one of them, but he visioned this revolutionary innovation in 2004. In order to complete the project, he received funds from the Government of India in 2009 and the United Nations Children's Emergency Fund (UNICEF) in 2012.

"Nothing would have been possible without the help of my students, they have played a crucial role in making the project happen. From designing the filter to deploying the samples in schools and district, they have participated actively, " De said.

The device is designed using laterite content so as to stop the arsenic-substance in the water.

The Indian EXPRESS

IIT Kharagpur topper rejects Microsoft offer, opts for research

"I do not know what will I finally take up as a career, I am certainly drawn towards teaching. Academics is my passion and I intend to pursue it," says IIT topper Sikhar Patranabis.

An IIT Kharagpur B Tech student who topped across all departments in the institute, has rejected a lucrative job offer from Microsoft to remain in academics.

Computer science and engineering student Sikhar Patranabis has scored 9.87 and passed out as the highest-ranked graduate this year. He is tipped to get the President of India Gold Medal.

The lure of a high-paying pre-placement job offer from Microsoft, however, could not distract this talent away from his passion for research.

Patranabis has now decided to stay back at the IIT campus and do a PhD on hardware security for embedded systems. "I never wanted to get into a corporate job after B Tech. My interest is in research and academics and I want to pursue that. I never had any second thoughts on this. All my teachers and my family supported me in this decision," he told PTI.

Patranabis is in the minority amongst top rankers as most of them are now on their way to the corporate world. Amongst high rankers, he will only have Anirban Santara from electronics and electrical communication engineering department to give company as a fellow PhD student at the IIT.

"There has been a trend of 1-2 high-ranked students staying back for PhD in IIT. But the top ranker staying back with us is rare," IIT-Kgp Director Partha Pratim Chakrabarti said.

Chakrabarti said the institute strongly encourages all graduates to pursue research but most engineers opt for employment. Some from science streams stay back, he said. "We have identified a list of top international conferences. If any of our student's papers gets selected in these conferences, we provide full funding. Besides this, we have also started the process of signing MoUs with other universities for dual Phds," the IIT director said.

"Research and academics are very important areas. Although I do not know what will I finally take up as a career, I am certainly drawn towards teaching. Academics is my passion and I intend to pursue it," Patranabis said.

Lack of students' interest in higher-level research is responsible for the smaller number of innovations and patent registration from India.

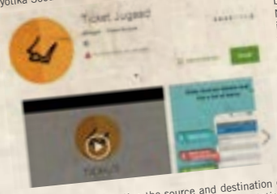
As the industry takes away almost the entire talent pool, top institutes have also been struggling to get quality faculty members, academics say.

live mint

Ticket Jugaad helps you find alternative train routes with a confirmed seat

Two engineering students develop a free mobile app to book alternative available train tickets for a journey

Jyotika Sood



The app developers have tied up with Cleartrip for booking tickets.

New Delhi: If the train ticket you are looking for is in the waiting list, don't worry. Another route on the same train may offer you a confirmed ticket for the same destination and Ticket Jugaad, a new free mobile application, will help you find that option.

Developed by two engineering students, Runal Jaju of IIT Kharagpur and his cousin Shubham Baldava of NIT Jamshedpur, the mobile application uses a unique algorithm to find out alternative routes on the same train for getting a confirmed seat.

The mobile application uses the shortcomings of IRCTC as its strength. When a person books a railway ticket on IRCTC website or at a railway station, he has to mention the source and destination of his journey. As a result, you can only see the trains available on the route between the two particular stations. However, it fails to give alternative route options to the passengers between other nearby stations. Every station has its quota of tickets. This deficiency is what Ticket Jugaad has cashed upon.

The Railways allow passengers to board the train from a station which comes after the booking station. The unique and efficient algorithm of mobile app gives you an alternative ticket option in the same train by identifying empty routes, in cases of unavailable tickets, as shown by IRCTC. This increases the availability and provides the user maximum path that can be covered with a confirmed ticket in his preferred class of travel.

It's very simple and easy to use. The application gives two options. One, info view, which provides the route prototype and alternate ticket information. Two, route view, which shows the availability of alternate tickets on the actual route of the train with all stations and train timings.

At present, the application is available only on Android phones. The developers of the app also plan to bring it on a website and iPhone. They also plan to add other features in the app like PNR enquiry tracking, sharing of PNR information via SMS and email and PNR prediction features.

Explaining the idea, Jaju told PTI, "There are some station-wise quotas for ticket booking. For example if you are booking a ticket from station A, it might show waiting list but when you book it from a previous station you might get the ticket. If you try to find out such stations manually it becomes tough but our app has automated this."

The application supported by the entrepreneurship cell of IIT also won the first prize of Rs.1.5 lakh in the start-up category of the IIT Kharagpur's Annual Global Business Model Competition recently.

The app developers have tied up with Cleartrip for booking tickets

The Statesman

Acknowledging excellence

SNS I Midnapore I 10 August, 2015

IIT-Kharagpur will establish a centre of excellence in manufacturing in collaboration with UK's Warwick Manufacturing Group (WMG), in line with the 'Make in India' programme.

IIT-Kharagpur director Prof Partha Pratim Chakrabarti said that they were tying up with WMG to do research and development work in various manufacturing segments, with industrial houses sponsoring the projects. "We will also train the manpower required for manufacturing units.

As part of our international tie-up, we will have masters and PhD degrees where students will be contributing to the industry while learning. We and WMG will work like a twin school," Prof Chakrabarti told reporters here after the 61st convocation of the institute.

The centre will be set up at the initiative of Lord Sushanta Kumar Bhattacharya, an IITKharagpur alumnus, who led the WMG an organ of Warwick University over the last 35 years.

The collaboration will pool its efforts in a number of research areas including design and manufacturing, composites and sustainable materials, sound quality engineering, medical technology and healthcare, hybrid vehicles, esecurity and steel technology.

Bhattacharya, who was the chief guest at the 61st convocation of the country's first IIT said on Friday, "At Kharagpur we can see manufacturing advancement in everything, whether it be the high profile Rs 20 crore advanced bullet train research centre or the cost effective Rs.500 noninvasive blood pressure monitoring system. Like my students at WMG, here also the students have developed their own racing car - 'Teamkart'. You will know that a modern formula one car consists of some 80,000 parts. It relies on advanced data analysis and aerodynamics, consists of the most advanced materials from lightweighting to nanocomposites and requires absolute precision in engineering and logistics".

Speaking on the occasion, Bhattacharya said, "Manufacturing today is a nexus of modern technical advancement. Whether it is designing a head mounted display for use in aviation or improving agriculture by ensuring waste water from factories in an unpolluted way, research in manufacturing segment has moved a long way forward".

Prof Chakrabarti said that they would identify key thematic areas in the manufacturing sector with the industry body, CII. The centre would be funded by sponsored projects from various industrial houses in the domain of manufacturing. It would make available manpower training and technology for commercialisation and would also impart masters and research programmes in future, he said.

indiatoday in tech

IIT-Kgp software to convert Indian languages into Braille

IANS I LAST UPDATED: SEP 02, 2015 I KOLKOTA

Researchers at the Indian Institute of Technology-Kharagpur (IIT-Kgp) have developed a unique technology via a software that enables conversion of Indian languages into Braille for the visually challenged.

The institute is also planning to go for large-scale deployment in West Bengal and other states.

The Sparsha Transliteration System developed by IIT-Kgp's Communication Empowerment Lab, led by Anupam Basu, can accept Indian language texts (such as Hindi, Bengali, Marathi, Gujarati, Telugu, Oriya, Kannada) as input and convert it into Braille.

"The software takes any Indian language text as input in Unicode and can convert it to Braille and facilitates the production of Braille textbooks," Basu, a professor at IIT-Kgp's department of computer science and engineering, told IANS on Wednesday.

"This helps the visually challenged to access information from a variety of sources," Basu said.

The converted files can be printed out through any Braille embosser (printer for Braille).

IIT-Kgp recently inked a deal with Odisha's Siksha 'O' Anusandhan University to produce necessary Braille books in Odiya through Sparsha.

"It is being used in many places in India and we are planning to go for large-scale deployment. We have talked to blind schools in Bengal and also the Bengal government. We are planning to approach other state governments as well," Basu said.

Among the variety of pioneering and award-winning assistive technologies developed, there is also the 'speech-enabled Baishakhi keyboard' for the blind.

"Using this software, the blind people will be able to type (Bangla and English) and hear what they are typing,' Basu said.

The purpose is that blind students who sit for exams... they need writers... that will no longer be needed. They can use internet, email themselves through the technology," he added.

The Indian EXPRESS

IIT Kharagpur to soon offer MBBS courses

IIT-Kgp authorities have already sought approval from the Medical Council of India (MCI) for providing undergraduate medical education courses like MBBS.

Going beyond engineering, IIT Kharagpur would soon start offering MBBS courses as well.

On a three-acre plot on the edge of the campus, the 400-bedded super-speciality hospital, Dr B C Roy Institute of Medical Science & Research, would be ready by the end of 2017.

"The government has already sanctioned a grant of Rs 230 crore last year for this purpose. Construction work will start soon and is expected to be completed within 26 months," IIT-Kgp director Partha Pratim Chakrabarti told PTI.

The authorities have already sought approval from the Medical Council of India (MCI) for providing undergraduate medical education courses like MBBS.

IIT Kharagpur, known around the world for its engineering courses, would be the first one in the IIT system to venture into medical education.

Besides serving the local populace, the hospital will also work on biomedical, clinical and translational research. Drug design and delivery will be other key research areas to which the hospital will contribute.

"It will bring the two diverse disciplines of engineering and medicine together in education and research. Technology will be used to access and treat large number of patients through satellite centres and secondary hospitals," the director said.

The hospital is planning to use technologies like remote diagnostics, telemedicine, teleradiology, and expert systems leveraging outreach of cellular network.

Also proposed are a paramedic, nursing training facility, biomedical innovation unit and a medical outreach unit.

In the next phase, the hospital would be upgraded to 750 beds, officials said.

Adding to its international appeal, the authorities are also collaborating with Johns Hopkins University, Baltimore, USA and Imperial College, London on medical science.

Since 2001, IIT-Kharagpur has been running the school of medical science and technology which has an inter-disciplinary three-year post-graduate programme in medical science and technology.

For its faculty, employees and students, the IIT has the B C Roy Technology Hospital inside its campus with 32 beds, including ICU and isolation ward.

THE TIMES OF INDIA CITY

IIT Kharagpur students win prestigious award

Jhimli Mukherjee Pandey I TNN I Jan 20, 2016, 10.11 AM IST

Team 'Aces' comprising of four 4th year undergraduate students, Anubhav Goyal, Anush Gupta, Lakshya Kalra and Shreshtha Mundra of IIT Kharagpur secured 1st place in the finals of the PAN India HULT Prize competition held at IIM Ahmedabad on January 9. Top 30 teams from all over India had pitched their ideas to a panel of 13 eminent judges.

Regional Finals of HULT Prize Competition 2016 being held at Boston, for a prize money of $1 million. The other finalists include teams from other prestigious colleges and universities like Harvard, MIT, and Yale.

The teams were asked to suggest ideas to double the income of people living in crowded urban areas within 5 years. The winning team "Aces' had come up with a mobile application along the lines of Mechanical Turk to provide these people with a means of stable income by utilizing their non-productive broken time. The app basically has simple questions based on image categorization and text verification. The team will provide this data to research groups and companies that require this preliminary data processing and transfer the monetary benefits to the people in crowded slums. Yes we are planning to initiate these ideas. Firstly the team will conduct a pilot in the month of Feb and this pilot will be the integral part of our pitch at Boston. The development of the mobile app is in the beta stage and is being handled by one of our team members.

The entrepreneurial spirit of Kharagpur can be estimated from the fact that 5 of the 30 teams at IIM Ahmedabad and 2 of the top 3 teams were from IIT Kharagpur. Team Sanyojan comprising of Ayush Garg, Kartik Pal, Pradeep Kumar Mittapally and Pradyumna Mishra bagged the 3rd prize and will be competing at the Shanghai Regional Finals.

The idea of Team 'Sanyojan' was to provide B2B Services and promote local entrepreneurship along a Co-operative Society Model Supported by an Extensive Tech Platform and Micro-financing Schemes. Sanyojan' works on a cooperative society model to provide a holistic solution. Our enterprise focuses on providing B2B services by connecting people, both skilled and unskilled, with businesses like Contractors, Security Agencies etc. Workers, employed through our enterprise, give back to the community by training other people for similar jobs.

The HULT Prize is organized by HULT International Business School in partnership with the Clinton Global Initiative and is largest student competition globally to solve the world's toughest social challenges. The Hult Prize Foundation is a start-up accelerator for budding young social entrepreneurs emerging from the world's universities. Named as one of the top five ideas changing the world by Former US President Bill Clinton and TIME Magazine, the annual competition for the Hult Prize aims to create and launch the most compelling social business ideas—start-up enterprises that tackle grave issues faced by billions of people. Winners receive USD1 Million in seed capital, as well as mentorship and advice from the international business.

THE NEW INDIAN EXPRESS

IIT-Kharagpur Wins Maximum Number of Laurels at Innovation Awards

By PTI Published: 15th March 2016 02:22 PM Last Updated: 15th March 2016 02:22 PM

KOLKATA: IIT-Kharagpur has outperformed 276 institutes from across the country who participated in the Gandhian Young Technology Innovation (GYTI) awards in Delhi by bagging maximum number of laurels.

"After four rounds of evaluation, 19 teams have been selected for innovation awards and 24 for appreciation. Of the 19 awards, 15 awardees in Medical and Biotech innovations category will get Department of Biotechnology sponsored (BITAC-SRISTI) grant of Rs 15 lakh each to further their prototypes," an IIT release said.

Held at the Rashtrapati Bhavan yesterday, GYTI 2016 was a pan-India competition with over 2,363 innovation entries in 50 technology domains from 276 institutes from 26 states and two Union Territories. All awards IIT Kharagpur bagged are medical and biotech innovations while the appreciations were under the engineering category.

THE TIMES OF INDIA HOME

DRDO to conduct joint research in defence with IIT-Kharagpur

PTI I Aug 18, 2015, 03.38 PM IST

KOLKATA: To achieve self-reliance in select defence technologies through joint research, Defence Research and Development Organisation (DRDO) on Tuesday signed a memorandum of collaboration with IIT-Kharagpur.

DRDO director general Dr S Christopher, who was honoured with the Distinguished Alumnus Award at the IIT campus in West Bengal, signed the memorandum to facilitate research and training in areas of mutual interest by supplementing the resources of both the institutions.

The collaboration proposes a collaborative research and academic programme to meet the futuristic defence technological requirements of the country in select areas of relevance to national defence, a release said.

It also aims at enhancing the quality of human resource by virtue of advanced training and exchange of knowledge.

Tentative areas of collaborative research were cyber physical systems, information security, life science, energy storage devices and materials and underwater vehicles.

The directed basic and applied research initiatives would be aimed to achieve self-reliance in select defence technologies, the release said.

The agreement would also facilitate the bilateral mobility of faculty, researchers and students and resource sharing between both institutions, it added.

THE TIMES OF INDIA HOME

IIT-Kharagpur ties-up with 3 Israel varsities

IANS I Oct 16, 2015, 08.09 PM IST

KOLKATA: The Indian Institute of Technology, Kharagpur has inked agreements with three universities in Israel for student exchanges, faculty visits and research collaborations in aerospace, agriculture and computer science, a statement said on Friday.

IIT-Kgp director PP Chakrabarti led the academic delegation from India during President Pranab Mukherjee's recent visit to the country when memorandum of understanding (MOUs) were signed with the Ben-Gurion University (BGU), Hebrew University and University of Haifa.

These Israeli universities are traditionally strong in the areas of computer science, aerospace, agriculture and food engineering etc. which are in synergy with the areas of academics and research at IIT Kgp, said Chakrabarti in the statement.

"We are planning some unique student exchanges, faculty visits and research workshops and projects," he said.

The current scope of cooperation with these universities range from exchange programmes for faculty, students and scholars, joint research and exchange of research materials, joint academic activities - teaching and supervision of students, joint conferences, workshops, participation of students in study-abroad programmes.

IIT-Kgp already has a tie-up with Technion Israel Institute of Technology which is the oldest university in Israel.

The Tribune

Nation

BY THE WAY

IIT students turn garbage collectors

Published on: Mar 9, 2016, 1:12 AM

Kharagpur (WB): Selling recyclable garbage is now as easy as ordering a pizza over phone, thanks to a social entrepreneurial initiative of a group of IITians. A group of IIT Kharagpur students are successfully running a "Kabaadi on Call" service allowing people to fix an appointment for a garbage collecting truck. "We have hired labourers to collect recyclable waste from residential quarters. They go with a digital weighing machine and a rate card for different types of waste," says PhD student Abhimanyu Kar and his friends, who have formed a social entrepreneurial venture, "GainWaste". — PTI

Periodicals

IIT KGP RESEARCHER

At IIT KGP, progressive development of India and sustained growth in higher education and research are pivotal. To elucidate the array of world-class research being carried out at our Institute we have launched a research magazine - IIT KGP RESEARCHER. The objective of our editorial team is to publish a magazine that facilitates corporate-academic interactions in India and globally.

The first issue published in June 2015 was on variety of projects and depths therein at the Institute. The second issue published in January 2016 was focused on R&D projects with Corporate Social Responsibility impact being run at the Institute. The upcoming issue scheduled in August-September 2016 will be on collaborative R&D projects.

CLAP FOR KGP

Clap for KGP is the weekly new electronic newsletter which has replaced the previous newsletter KGP Connection. Clap for KGP has the key focus to communicate the good work done at the Institute by faculty and students. It covers R&D news, Awards & Honours, Collaborations, other milestones and achievements. It also covers significant alumni news.

Along with these an appeal is made in the newsletter, to contribute to various campaigns being run by the Institutional Development Program to support various programmes at the Institute.

ALUMNI ANNUAL REPORT

This is the 6th edition of the Alumni Annual Report. This report was conceived of with a mission to communicate the activities under the Institutional Development Program ensuring accountability and transparency. It is published in July – August every year.

YEARNINGS OF YORE

A magazine being run for over a decade now, Yearnings of Yore is published during the Annual Alumni Meet in January every year. Articles are contributed by alumni and students for this publication.



Brand Merchandise



For any alumnus, a trip to the campus is a journey back in time, to a place that was once home, a place filled with the sweet tinge of nostalgia and a sense of belonging. To enable them to keep at least a part of that feeling alive, at any time and in any place, we offer them a choice of attractive and stylish merchandise items branded with the KGP logo that they can take back with them. For not only alumni, but also our students, faculty members and employees, these are not merely 'merchandise' but a tangible and definite connection with the place where they built the fondest memories of their lives.

That these mementos indeed mean a lot to all associated with IIT KGP, is evident its healthy growth of 48.7% from last Financial Year.

A dedicated branded merchandise outlet will soon be open at the Technology Students' Gymkhana, where a variety of options will be on offer. We are closely working with merchants and retailers to see how we can diversify the products and offer our alumni the best-in-the-class globally.

Talks are also underway for tie ups with e-shopping platforms, so that all connected with the KGP community can buy mementos of their choice, even without being physically present on campus.





Branding & Relations Cell



Activities during FY 2015-16:

- Created departmental videos and uploaded on YouTube
- Social Media Interactions: Launched Facebook group to interact with IIT Aspirants
- Written articles for publishing on various media for reaching out to students' community and IIT aspirants
- Promotion of Students Events on TV and Media: Illumination and Rangoli
- Support to Women's Day event
- Interviewed SBI Chairman and Forbe's 30th most powerful lady Mrs. Arundhati Bhattacharya
- Sourcing On-campus News





"Session 2015-2016 proved to be a phenomenal year for Branding and Relations Cell. We report to the office of Dean of Alumni Affairs and International Relations. Branding and Relations Cell keeps their eyes and ears open to good news on campus. We then regularly bring it forth to the outside world by means of Internet and Media. Students, Professors, Alumni, if they think they have something that IIT Kharagpur and outside world interested in IIT Kharagpur needs to know, we request them to reach out to us." - Team BARC





Events

Alumni Meet

The Annual Alumni Meet has now become the most anticipated event among the alumni community of the Institute across the world. The 13th Annual Alumni Meet was conducted by the Office of Alumni Affairs & International Relations along with the Students' Alumni Cell and Technology Alumni Association, Kharagpur Chapter from the 15th to 17th of January 2016.

This year, the batches of 1966, 1976 and 1991 batches were invited as the special guests of honour on completing 25, 40 and 50 years of graduation respectively. Also, the first passing out batch of the year 1955 was invited as special guests of honour. The Students' Alumni Cell invited the alumni for the meet through its networking drive and the event saw the participation of more than 250 alumni from different batches. Throughout the meet, the campus was abuzz as the alumni relived their days as students on campus.

The meet commenced on the 15th of January 2016 with a Campus visit. The alumni were taken on a bus tour through the institute and were informed about the developments that had taken since they left the institute. After lunch, the alumni were taken place to a visit to their respective departments. Each Department society held a separate gathering for the alumni and the students of the department.

The event Musical Night was conducted in the evening at the Tagore Open Air Theatre and was attended by the alumni as well as more than 2500 students. The band "The Indian Jam Project" mesmerized everyone with their tunes, a fusion of Indian instrumental and Hollywood music. The day ended with the alumni being escorted to their respective halls for the Hall visit event. The Hall Councils of each hall welcomed their alumni by conducting separate programs.

The second day began with the Games & Kite Flying event conducted at the Tata Sports Complex. An event titled Institute function: Meet with Director was conducted at the Netaji Auditorium in the afternoon. The event started with Pranshu Jain, the General Secretary of the Students' Alumni Cell inviting the Director, Prof. Partha Pratim Chakrabarti to the stage for his speech. Each alumnus was personally given a memento by the Director to mark the completion of 25, 40 and 50 years of graduation from the institute. The first batch of 1955 was separately honored by the Director.

In the evening, the event Entertania was conducted at the Kalidas Auditorium which saw Mr. Biswa Kalyan Rath, an alumnus of IIT Kharagpur himself, performing a stand-up comedy session. The alumni and the students thoroughly enjoyed the programme and praised Mr. Rath for his subtle jokes. After this, a small Illumination was also conducted at the arena to celebrate the many decades-old tradition of the institute. The day ended with the gala dinner, where the students and the alumni tapped their feet to the tunes played by the DJ.

The third day marked the end of the meet. A marathon was conducted in the morning through the 2.2 pathway. The closing ceremony of the meet was organized once again at the Kalidas auditorium and started with a welcome speech from Rohan Gupta, General Secretary of the Students' Alumni Cell. Various titles were distributed among the alumni based on the votes given by alumni themselves. The alumni praised the students for the successful conduction of the event. Everyone present in the auditorium also came up on the stage to enthusiastically shout the slogan "KGP ka tempo high hai!"

The three-day event ended on the afternoon of the 17th of January 2016. The alumni experienced a sense of going back in time and expressed their wish to remain connected to the Institute through its various programmes in the coming years.

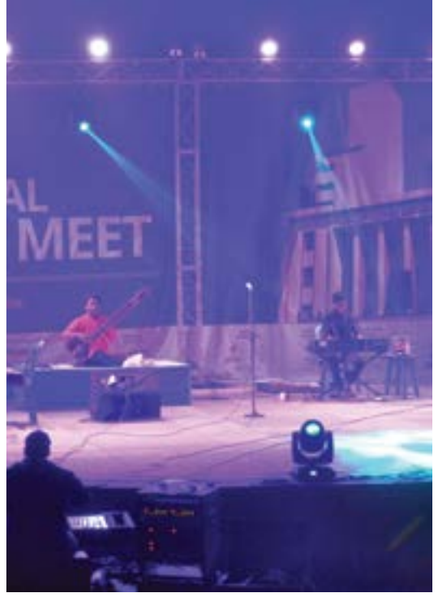










61st
CONVOCATIO
VENUE FOR CONVOCATION LOGO

MEET




61st







TO KGP KA
EMPO HIGH HA



Alvida

The annual farewell dinner, called “Alvida” was organized by the Technology Alumni Association, Kharagpur Chapter in association with the Office of AA&IR on 20th April, 2016.

The event started with the Dean of Alumni Affairs & International Relations, Prof. Siddhartha Mukhopadhyay congratulating the students on completing their degree and wishing them a bright career ahead. Also the Director, Prof. Partha Pratim Chakrabarti has honoured the event with his gracious presence to give his best wishes for future endeavours to the graduating batch.

The event was very well received by the student community and saw a turnout of more than 2000 students. The students enjoyed the food and the music played at the event.

The passing out students wrote enthusiastically on the graffiti wall installed at the arena. Students were also motivated to participate in the My Imprint Program and take their first step towards ‘giving back’ – contributing to the development of the institute by donating their caution money. Overall, the event was a grand success and we hope to conduct more such events in the future.













Convocation

The 61st Annual Convocation was held on the 7th and 9th of August 2015. Technology Alumni Association, Kharagpur Chapter, in association with the office of Dean (AA&IR) and other sections of the Institute, organized the Convocation, which is one of the biggest institute functions. The registration of degree recipients and distribution of scarves and registration kits were done on the pre-convocation day.

As this is a special occasion for any student in his life, most of them attended the event with their parents as they wanted to witness it with them.

Alumni Cards and Yearbooks were distributed among the degree recipients. The ‘My Imprint’ program was also actively promoted among the graduating students and the donors who donated their caution money were recognized by star badges. The Office of Dean AA&IR played a major role in recognizing alumni contribution through conferment of the Distinguished Alumnus Awards. The selection process and the local hospitality for all our distinguished alumni were taken care of on behalf of the Institute.













Foundation Day

The 65th Foundation Day of IIT Kharagpur was celebrated on August 18, 2015. The ceremony started with the conferment of Distinguished Alumnus Award to Dr. S. Christopher, Director General of the Defence Research and Development Organization, India for his contribution and service to the nation. This was followed by an open house at the Netaji Auditorium in which Dr. Christopher shed light on his journey after graduating from the Institute.

Like every year on the occasion of Institute Foundation Day, faculty and staff members who completed 25 years of service were felicitated by the Director. Ms Sujata Roy, the Vice President of IIT Foundation India also graced the ceremony where she announced the Alumni Sponsored Awards. In the evening, a debate was conducted among the student and faculty members of the Institute. This year's Foundation Day Debate topic was"For the IITs, Leading in the World is more important than Making in India" Prof Rolf Drechsler, TU Bremen joined the programme as one of the judges of the Foundation Day debate.Students of KGP as well as from the schools within the campus attended the discussion.

The day concluded with a fancy dress football match between faculty/staff members and students and cultural performances by Eastern Technology Music Society and Technology Dance Society.



IIT KHARAGPUR

announces

DISTINGUISHED ALUMNUS AWARDS 2015



Bedabrata Pain [86/EC/PH]
Noted Scientist turned Film Maker



Chetan V Vaidya [77/AR/VS]
Director, School of Planning & Architecture, New Delhi



Manoj S Gandhi [82/CS/AZ]
Executive Vice President, Synopsys, USA



M K Badhwar [73/ME/RP]
Retired Rear Admiral, Indian Navy, AVSM, VSM





Peter Chan [62/EE/RK]
Founder and CEO, Herons Bonsai Limited



Pradip Dutta [83/ME/AZ]
Professor & Chairman, Dept of ME, IISc, Bangalore



Rakesh B Verma [69/NA/NH]
Retd Cmde, Executive Vice President—R&D, TAFE Ltd



S Christopher [80/EC]
Director General, Defense Research & Development Organization, DRDO



Sharat C Bhargava [73/EE/AZ]
Senior Vice President, Electrical & Automation, L&T Ltd



Sundar Pichai [93/MT/NH]
Senior Vice President and Product Chief, Google



Venkatesh Shankar [84/NA/NH]
Professor & Coleman Chair in Marketing Texas A&M University

Guest Lectures

One of the flagship events of the Students' Alumni Cell, IIT Kharagpur, Guest Lectures were conducted throughout the year.

A number of distinguished alumni were hosted as guests in the events conducted through the year. The year started with the Students' Alumni Cell hosting the awardee of the Distinguished Alumnus Award as its speaker for the first guest lecture. The Cell hosted Mr. Ranbir Sinha who conducted a workshop on Design Innovation in the month of October.

In March, two recently graduated alumni of the Institute, Mr. Amritanshu Anand and Mr. Gaurav Dahake were invited to deliver a guest lecture on theme 'How to Startup'. Both the alumni had established successful business ventures as soon as they graduated from the institute. The event was enthusiastically received by the student community, especially the ones hoping to start up on their own in the near future.

As its recent initiative, the Students' Alumni Cell also released a number of Online Guest Lectures by numerous distinguished alumni through its social media channels over the year. The online guest lectures were equally well received by the student community.

Leadership Summit - 3

"KGP and Beyond"

Indian Institute of Technology Kharagpur recognizes the professional achievements and contribution of its alumni through the Distinguished Alumnus Award each year on the Annual Convocation Day. On the 61st Convocation, a panel discussion titled "KGP AND BEYOND..." was organized at the Vikramshila Complex. Hundreds of eager students filled the auditorium to draw inspiration from the alumni who have made it large in their professional lives. Seven alumni who have excelled in different fields shared the stage to discuss life, journey and challenges beyond the campus. The following were the guest of honour for the program:

1. Bedabrata Pain (1986/EC/PH): CEO Edict Inc.
2. Chetan Vaidya (77/AR/VS): Director, School of Planning and Architecture, Delhi
3. Peter Chan (62/EERK): Founder and CEO, Herons Bonsai Ltd.
4. Manoj Gandhi (82/CS/AZ): Executive VP, Verification Group, Synopsys
5. Rakesh Verma (69/NA/NH): Executive VP, TAFE
6. Pradip Dutta (83/ME/AZ): Professor and Chairman, Department of Mechanical Engineering, IISc Bangalore
7. Venkatesh Shankar (84/NA/NH): Professor and Coleman Chair in Marketing Texas A&M University







Regional Student Alumni Meets

Regional Student Alumni Meets were organized over the year in the cities of Hyderabad, Delhi and Bengaluru. The event was conducted in Hyderabad and Delhi in June and in Bengaluru in December. The Student Alumni Meet aims to connect the alumni of a particular region to the current batch of students from the institute and foster student-alumni relations. The event was very well received by the student and alumni community alike in all the cities. Student Alumni Meets would be conducted in other major cities of the country in the near future.

Student Alumni Mentorship Programme

The Student Alumni Mentorship Programme was started by the Students' Alumni Cell in the year 2010-11 as one of its flagship programmes to foster student-alumni relations.

The programme helps connect students to alumni who are working in a field that they are interested in. This way, students get to learn from experiences of the field that they would like to work in, the future instead of relying only on theoretical knowledge.. This was the second year when a dedicated portal was launched for the programme.

The portal was enthusiastically received by the students with registrations coming in large numbers after its launch. The Students' Alumni Cell hopes to continue the legacy of the programme in the upcoming year as well and serve as many students as possible through the programme.

Mentorship Testimonials



Ankit Gupta

"Mentorship is crucial for any individual whether a student or professional, and its importance is essential especially during the formative years in college. I signed up for this programme with the objective to gain a perspective and seek help from our experienced and extremely friendly alumni. My mentor's guidance helped me think and understand about the outside world, gain industry knowledge and valuable fundas which helped me perform well in college and outside. They know what is valued more when it comes to the professional world, hence I always prioritized my mentor's advice -specifically maintaining a good CGPA. Interacting and keeping in touch with my mentor also helped improve my networking skills and connect to more people."



Pranshu Agrawal

"The Alumni Student mentorship program is a nice initiative by the Students' Alumni Cell. In today's time a direction and support from an esteemed mentor can go a long way in helping someone. It was a great experience for me as I got to learn a lot from my mentor who provided me with insight into the world after college as well as their experience as a student and in the professional sphere. Getting mentorship from an Alumni is a great thing as they can provide better help as they have been a part of the same institution as you."

Gobind Singh

"The Student Alumni Mentorship Programme is probably one of the best initiatives taken by our institution in recent years. Through my association with it, I can only say that although the path was clear for me, it was dark. My mentor came in the form a torchlight."



Message from Incoming General Secretaries

Greetings from Students' Alumni Cell!

We are grateful to our outgoing General Secretaries and Coordinators for guiding us throughout the last tenure, supporting us in our initiatives and finally for believing in us by providing the opportunity to serve the alumni community as the General Secretaries of Students' Alumni Cell.

Over the last year, we have had a great time working on various programmes and initiatives taken up by our senior team. We have received tremendous support and affection from the alumni community in this process and as we are about to begin our tenure, we have a strong belief that you all would continue showering your blessings on us. We have a firm will and an earnest desire to take the legacy that our predecessors have left to newer heights. We will make every possible effort to raise the benchmark set by our senior team and will try to carry out our duties as the General Secretaries with complete dedication and commitment. For this year, our team plans to strengthen the student – alumni bond through our pre-existing programmes as well as by introducing new ones. We hope that our alumni would continue participating actively in all our programmes. The 14th Annual Alumni Meet would be organized from 13th to 15th of January, 2017. We are looking forward to seeing some of you on campus, reliving your college days and reuniting with your batchmates.

As the official student body for all Alumni Relations at IIT Kharagpur, we are always happy to hear from the alumni community. Feel free to reach us at aao@hijli.iitkgp.ernet.in for any suggestions or queries.

With warm regards,
Mridul Pant, Vaibhav Chauhan


Mridul Pant


Vaibhav Chauhan

Message from Outgoing General Secretaries

Dear All,

As the outgoing General Secretaries of the Students' Alumni Cell, IIT Kharagpur, we would like to thank Prof. Siddhartha Mukhopadhyay, Dean of Alumni Affairs & International Relations and the whole Institutional Development Program Team who have been there with us guiding us throughout our tenure.

The Students' Alumni Cell is a group of students assisting the Office of Alumni Affairs & International Relations, IIT Kharagpur in its yearlong activities. Through its yearlong activities, including the Annual Alumni Meet and various other events such as Student Alumni Mentorship Programme and Regional Student Alumni Meets, the Students' Alumni Cell hopes to bridge the gap between the student and alumni community. We are also responsible for certain publications of the institute like the Annual Yearbook given to the passing out students and Yearnings of Yore given to the alumni attending the Annual Alumni Meet.

The most important resource that an institute has is its large pool of alumni built over the years. The contribution and support of the alumni community in conducting our programmes has been invaluable. We would like to thank each and every alumnus for their support.

As we move on, we hope that the organization grows with the same principles that have helped it to reach this stature in the past years. We hope that the incoming team will be able to carry out the existing activities of the organization in a streamlined and efficient manner and also initiate new programmes that are aimed at helping both the student and alumni community alike.

We would like to commend the amazing group of second years, the Student Members for their hard work and determination in executing the activities of the cell throughout the year. With this, we would like to pass the baton to the new General Secretaries and the Coordinators team and wish them good luck for the upcoming year ahead.

Best wishes and warm regards,
Pranshu Jain, Rohan Gupta



Pranshu Jain, Rohan Gupta

Institute Lecture Series

Date	Speaker	Title
01.12.2014	Prof. Avadhesha Surolia , Ph.D, FNA, FASc, FNASc Honorary Professor and CSIR Bhatnagar Fellow Molecular Biophysics Unit Indian Institute of Science Bangalore 560 012, India	Gene Beans on Lectins - a Binding, Folding and Function Perspective
02.01.15	Professor V.Chandrasekar, University Distinguished Professor of Colorado State University, USA	Dual-polarized Doppler Weather Radar: Fundamental Principles and Applications
16.02.15	Professor V. Ramamurthy	supramolecular Photochemistry: Controlling Excited State Behavior of Guest Molecules via Confinement
06.07.15	Prof. Supriyo Datta: Path finder in Quantum transport	Lessons from Nanoelectronics
07.07.15	Prof. B. N. Goswami, FASc, FNA, FNASc, FTWAS	The Indian Summer Monsoon in a Changing Climate
07.07.15	R. Venkatesan Ph.D. Scientist G & Head Ocean Observation Systems NIOT Chennai Steering Committee Member (Asia Pacific region) GOOSUNESCO IOC Vice Chair Data Buoy Cooperation Panel UNESCO IOC & WMOChair of International TsunameterPartnership National Consultant of SACEP-NORAD-IMOProject	Recent Advances in Oceanic Observation Systems
07.07.15	Dr. E. P. Rama Rao, Head, Data and Information Management, Indian National Centre for Ocean Information Services (INCOIS), Hyderabad	Ocean Data and Information System
27.07.15	Prof. Kalyanmoy Deb, Koenig Endowed Chair Professor, Department of Electrical and Computer Engineering Michigan State University, USA	Evolutionary Optimization for Engineering Problem Solving
10.08.2015	Prof. Chetan Vaidya, our Distinguished Alumnus Awardee (2015), and Director, School of Planning and Architecture Delhi, organised by the Department of Architecture and Regional Planning & Ranbir and Chitra Gupta School of Infrastructure Design and Management.	Urban Innovations in India
27.01. 2016	Prof. Tribikram Kundu University of Arizona, Tucson, USA	Ultrasonic and electromagnetic waves for non-destructive evaluation and structural health monitoring
09.05.16	Prof. Narayanasami Sathyamurthy, Director, IISER, Mohali	Symmetry and Pattern Formation in Flowers



OFFICE OF INTERNATIONAL RELATIONS

The Office of International Relations (IR) at IIT Kharagpur (IITKGP) manages and promotes all activities of the Institute involving organizations abroad and foreign nationals.

The IR Office is entrusted with :

- Developing institutional partnerships with other organizations abroad such as universities, institutes and companies typically related to academics and research.
- Creating and promoting opportunities of exchange and collaborations for both students as well as academic staff with global institutions
- Facilitating interactions and collaborations with global industry, government and non-government organizations

The main activities of the IR office are:

- Supporting the preparation, maintenance and approval of MoUs with international institutional partners
- Collecting and disseminating information regarding opportunities available for exchange and collaboration
- Management of funds and processes pertaining to international exchanges programmes, visits and events
- Providing general help and assistance to foreign visitors.

RECENT INTERNATIONAL EVENTS:

International Summer/Winter Terms (ISWT):

Program Overview:

The International Summer and Winter Term (ISWT) is held twice a year, typically during May-July and in December. Participants from industry, research organisations, faculty and students from all over the world register for the courses being offered during the summer and winter terms. These subjects are designed around current and multidisciplinary themes of Science, Engineering, Management and Law. The duration for each subject is approximately 2 weeks or 10 working days with a judicious blend of lectures and tutorials per day.

Both national and international participants get an opportunity to seek knowledge and experience from reputed international faculty members through intensive study of subjects and personal interactions. Indian Institute of Technology Kharagpur issues a course completion certificate at the end of the term. The students registered for these courses, optionally, will have the opportunity to obtain additional academic credits based on the evaluation and grading process.

GLOBAL ACADEMIC NETWORKS:

GLOBAL INTIATIVES OF ACADEMIC NETWORKS (GIAN):

Govt. of India approved a new program titled Global Initiative of Academic Networks (GIAN) in Higher Education aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence.

STUDENTS & FACULTY EXCHANGE PROGRAM:

Several participatory international programmes are funded by alumni at IIT Kharagpur to support internship cost/ facility, international travel for students and faculties. Recently it started the Shri Gopal Rajgarhia International programmes to support various schemes to enhance international participation. Through these schemes IIT Kharagpur wishes to make a special effort to facilitate and support international programmes which are expected to have significant contribution towards transformation and elevation of its world ranking.

Five schemes are supported under this program.

- SGR International faculty outreach program
- SGR International research scholar support program
- SGR International student scholarship program
- SGR International Workshops/Meetings
- SGR student international travel support

While first four schemes focus on attracting international faculty and student to IIT Kharagpur, the last one aims to enhance the participation of IIT Kharagpur student community in various international fora.

SHRI GOPAL RAJGARHIA INTERNATIONAL PROGRAMME (SGRIP) ENDOWMENT FUND

International participation plays a significant role towards improving the world rank of a university. While there are several funding sources which support IIT's academic participation abroad, not many such funding opportunities are available for hosting international faculty member, scholars and students here at IIT Kharagpur. Thanks to Shri Gopal Rajgarhia (68/BTech/CH/NH) for supporting the institute in this regard. Shri Gopal Rajgarhia International Programme (SGRIP) endowment fund created from the donation made by him aims to support various schemes to enhance international participation. The Program funds four schemes for attracting international faculty and student to IIT Kharagpur. While the major part of the fund goes to these schemes, it also supports students, without additional sources of funding to participate in reputed international events. This year 17 proposals have been approved out of 23 applications. There were contributions from almost all the disciplines with electrical sciences taking the lead. The Institute plans to support some international PhD students through this scheme. The institutions with which IITKGP has MoUs may play a key role in participating in such a scheme.

A number of steps have been taken this year towards formalizing the funds allocation procedure under SGRIP. In this regard, two important decisions have been taken in a meeting held on July 1 2015 under the chairmanship of Prof. Partha Pratim Chakrabarti. A five member committee has been constituted under the chairmanship of Dean, AA&IR with the responsibility of taking the core decisions for the programs under SGRIP. Additionally, a faculty coordinator has been appointed to look after the activities. Five programs are proposed to be carried out under the scheme: SGR International faculty outreach program, SGR International research scholar support program, SGR International student scholarship program, SGR international Workshops/Meetings, and SGR student international travel support. The first SGRIP committee meeting was subsequently held on July 31 2015, where the proposal submission guideline got formal approval. The accounting procedure for the funds has also been formalized. Against the first call for proposals in Autumn 2015, ten out of thirteen requests under various schemes got approved. All the visits are successfully completed in this semester and reports submitted. In the second call for proposals for Spring 2016, total ten proposals are received out of which nine got approved. In this financial year 9 lakh is already spent and approximately 29 lakh is committed for the remaining proposals.

We are sure with active participation from IIT KGP community; we are going to get much more international participation in coming years.

STUDENTS' INTERNATIONAL RELATIONS CELL (SIRC):

A team of talented and dedicated undergraduate students form the Students' International Relations Cell (SIRC). They work in close camaraderie with the office staff to elevate the SIRC to an institute body. The SIRC attempts to provide an impetus and an appropriate platform for dedicated young minds to formulate and implement proposals for creating opportunities for international exchange of students as well as academic staff with high quality institutions. This means of collaboration with international institutions shall be fostered through a process of internationalization of the institute while keeping in tandem with its vision and mission and with the premier objective of providing direct benefit to its students and faculties.

The SIRC also works in tandem with the staff and faculty members associated with the International Relations Office on the development and management of a variety of international partnerships, linkages and networks. They are effective in identifying international research and internship programs; student exchange programs; and foreign training programs.

Other than contributing to the process of internationalization, the SIRC works collaboratively with the Institute's administration to manage day-to-day affairs of the cell, arranging events, liaising with institutes and universities and acting as the coordinator between the student community and the administration.

The Students' International Relations Cell is a voluntary non-profit organization. More than any material incentive, there is a spirit of team-work, the enthusiasm of being a part of an institute body and an insight into the day-to-day world that the members of the Students' International Relations Cell cherishes and attempts to preserve.

Connect to us

IIT-KGP PLEDGE FORM

I, _____ of _____
(First Name) (Middle Name) (Last Name) (Degree/Dept/Year/Hall)

here by, pledge ☐ 10,000 ☐ 25,000 ☐ 50,000 ☐ 1,00,000 ☐ Other_____

towards the - Founding Batch Endowment ☐ Hall Endowment ☐ Student Innovation Endowment ☐
Class Gift Donation ☐ Annual Donation ☐ Faculty award Endowment ☐

Any Other Purpose - _____

To be paid now or by_____
(Expected month & year)

My Contacts are as under:

Spouse Name:_____ Is spouse KGPian? _____
Address: _____ Date of Birth: _____
Email Address: _____ Alt. mail_____
Home Phone:_____ Mobile: _____

My Professional Details are as under:

Company:_____ Designation _____
Office Email: _____ Office Phone: _____
Does your company have Corporate Matching Policy? ☐ Yes ☐ No
Are you interested in mentoring the students of IIT-KGP? ☐ Yes ☐ No

Date:

_____
Signature of the Contributor

BANKING INSTRUCTIONS:

Indian contributors could make their contribution either by writing or by depositing at any local Axis Bank in the account number below:

Name of Bank: **Axis Bank Ltd.**
Name of the Branch: **Kharagpur**
Name of the Account Holder: **IIT Kharagpur A/C Alumni Fund**
Account Number: **190010100106443**
MICR Code: **721211102**
IFS Code: **UTIB0000190** (this is RTGS number)
SWIFT Code: **AXISINBB213**

US Contributors could send the check (writing batch year in the memo field) in favor of the below mentioned address.

IIT Foundation
P.O Box 2884
Castro Valley CA 94546
USA

Important: *Please send your payment details to* ***"Anirban Roy – Endowment Campaign Manager"*** *through email – anirban.roy@adm.iitkgp.ernet.in or anirbanroy06@gmail.com (Ph: 9836130004).*

Please note: All donations from India can avail up to 100% tax exemption. US donations are subject to IRS exemption. The IIT Foundation is registered as a non-profit organization with the U.S. Internal Revenue Service under section 501(c) of the Internal Revenue Code.

For more details, write to us at alumni@hijli.iitkgp.ernet.in or call us at +91 3222 277480 or +91 3222 282236 and please register on www.iitkgp.org

ALUMNI FEEDBACK FORM

Name: _____
Year of Graduation: _____ Department:_____ Hall:_____
E-mail Id: _____
Contact No: _____ Mobile No: _____

1. Do you want to contribute in IITKGP ?

   Batch Endowment ☐ Chair Professorship ☐ Institutional Development ☐
   Hall Endowment ☐ Young Faculty Award ☐ Annual Donor Program ☐

2. Are you familiar to our IIT-KGP Alumni website?

   Yes ☐ No ☐

3. How willing are you to recommend Giving Back to others?

   Willing ☐ Neutral ☐ Unwilling ☐

4. Are there any campaign or services we don't currently carry that you would like to see?

5. Did you experience any irregularities or have any suggestions to make it more effective?

6. Is there anything else you would like to tell us?

Date: Signature

Team ID for You

Media, Website and Brand Outreach	**Ms. Shreyoshi Ghosh** Ph (O): 03222 281859 Email: shreyoshi@adm.iitkgp.ernet.in
Alumni, Dept. & Students Relations	**Ms. Shruti Singh** Ph. (O): 03222-281860 Email: shruti@adm.iitkgp.ernet.in / alumni@hijli.iitkgp.ernet.in
Alumni Networking & Fundraising	**Mr. Anirban Roy** Ph. (O): 03222-281066; Email: anirban.roy@adm.iitkgp.ernet.in **Mr. Abhinav Kumar** Ph. (O): 03222-281856; Email: abhinav@adm.iitkgp.ernet.in **Ms. Dipanwita Chakraborty**
Event Management	**Mr. Pushkar Srivastava**, Ph. (O): 03222-281856; Email: pushkar.srivastava@adm.iitkgp.ernet.in / aao@hijli.iitkgp.ernet.in
Content Manager - Publications	**Ms. Satarupa Sen Bhattacharya**, Ph (O): 03222 281068; Email: satarupa@adm.iitkgp.ernet.in
Corporate Social Responsibility Programme	**Ms. Hoimee Dey**, Ph. (O): 03222-281069; Email: hoimee@adm.iitkgp.ernet.in / corporate.csr@hijli.iitkgp.ernet.in
International Relations:	**Ms. Koushiki Mukherjee**, Ph (O): 03222 281068; Email: koushiki@adm.iitkgp.ernet.in
Placement & Internships	**Mr. Shivam Gupta** Email: shivam@adm.iitkgp.ernet.in
Donation Tax Certificates, Finance & Accounts	**Mr. Prasenjit Banerjee** Ph. (O): 03222-282236; Email: prasenjit@hijli.iitkgp.ernet.in
Institute Souvenirs & Office Administrator	**Ms. Chandana Chakraborty** Ph. (O): 03222-282236; Email: chandana@adm.iitkgp.ernet.in
Guest House Booking / Accommodation / Car Hire:	**Mr. Sadhan Banerjee** Ph. (O): 03222-281065; Email: sadhan@hijli.iitkgp.ernet.in / alumni@hijli.iitkgp.ernet.in
Support Staff:	**Ms. Anamika Das** (Data Entry Operator) **Mr. Anand Shankar** (Data Entry Operator) **Mr. Prabhas Kar** (Office Assistant) **Mr. Tapas Panda** (Office Assistant)



MS. SHREYOSHI GHOSH



MS. SHRUTI SINGH



MR. ANIRBAN ROY



MR. PUSHKAR SRIVASTAVA



MS. HOIMEE DEY



MS. SATARUPA SEN BHATTACHARYA



MS. KOUSHIKI MUKHERJEE



MR. ABHINAV KUMAR



MS. DIPANWITA CHAKRABORTY



MS. CHANDANA CHAKRABORTY



MR. PRASENJIT BANERJEE



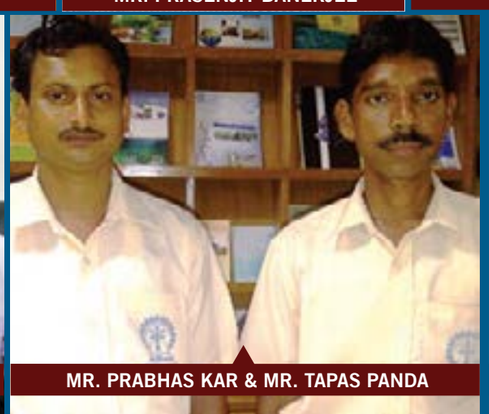
MR. SHIVAM GUPTA



MS. ANAMIKA DAS



MR. ANAND SHANKAR



MR. PRABHAS KAR & MR. TAPAS PANDA



MR. SADHAN BANERJEE

Alumni Association

IIT Foundation India		Email ID
President	Veerendra K Jaitly	jaitly.iit@gmail.com
Vice President	Sujata Roy	sujataibm@gmail.com
Secretary	Pradeep Prasad	pradeepprasadiitkgp@gmail.com
Treasurer	D K Nanda	dilip@cc.iitkgp.ernet.in

Domestic Chapters

Bangalore Chapter		
President	Varadarajan Seshamani	varadu.seshamani@gmail.com
Vice President	Debprotim Dutta	debprotimdutta@gmail.com
Secretary	Ratul Chatterjee	ratul_c@yahoo.com
Treasurer	Dhanajay C	dhananjay@cfindia.net
Delhi / North India Chapter		
President	Neeta Jain Sharma	neetasamir@bol.net.in
Vice President	Utpal Bhattacharya	
Vice President	Atul Bal	
General Secretary	Cdr Ganesh	ganesh_v91@hotmail.com /v.ganesh2@larsentoubro.com
Joint Secretary	Mangi Lal	
Treasurer	Col. Rekhi	
Mumbai Chapter		
President	Sudhir Malhotra	automatsasra@gmail.com
Vice President	Harish Ghai	harishghai@gmail.com
Treasurer	Milind Moghe	mmoghe44@gmail.com
Committee Member	Shivajirao Patil	shivajispatil@hotmail.com
Pune Chapter		
President	Kalyan Chakravarti	kalyan.chakravarti@gmail.com
Joint Secretary	Gautam Naik	g_naik@hotmail.com
Committee Member	Shwetank Upadhayaya	shwetank@linkedinpune.com
Committee Member	Saumyashants Chakroborty	shoumo@gmail.com
Hyderabad Chapter		
President	Nrupender Rao	nrao@pennarindia.com
Vice President	A K Goel	akgoeltelangana@gmail.com
Vice President	Anu Acharya	anuacharya@gmail.com
Secretary	Amit Gupta	amitrgupta9@gmail.com
Treasurer	Ch Suranajn Reddy	csreddychilukuri@gmail.com
Chennai Chapter		
President	S Sabesh	sabesh@environment.ae
Vice President	A. Subrahmanyam	manu@iitm.ac.in
Secretary	Uma Chakkaravarthy	kingmorbus@gmail.com
Joint Secretary	C. Srikanth	srikanth.chitti@gmail.com
Kolkata Chapter		
President	Kabindra Daga	kdaga@hcsinfo.com
Vice President	Maj Gen S C Jain	scjain555@gmail.com
Secretary	Amit Bhutoria	amit.bhutoria@gmail.com
Treasurer	Arun Prakash Das	ap_das@hotmail.com
Kharagpur Chapter		
President	Kingshuk Bhattacharyya	king@mech.iitkgp.ernet.in
Secretary	Probal Sengupta	probal@gg.iitkgp.ernet.in
Treasurer	Shib Shankar Das	ssdas@cet.iitkgp.ernet.in
Bhubaneswar Chapter		
President	Ratnam Varada Raja Kumar	director@iitbbs.ac.in
Secretary	Prasenjeet Pati	prasenjeet.pati@gmail.com
Jamshedpur Chapter		
President	B K Das	bkdas@tatasteel.com
Vice President	Morri Sampath Kumar	skmorri@tatamotors.com
Vice President	Suman Biswas	sbiswas@tatasteel.com
General Secretary	Keshari Kumar	kesharik@tatasteel.com
Treasurer	N Amarjit Singh	amarjit.singh@tatasteel.com

IIT Foundation US		Email ID
President	Roy Louis Dasilva	roydasilvaiitkgp@gmail.com
Treasurer	Joy Bhattacharya	joybhattacharya@sbcglobal.net
Secretary	Vasan Raman	vas@raman-net.com
Webmaster	Joyjit Nath	webmaster@iitfoundation.org

Global Chapters

Atlanta & Southeast (USA)		
	Rajan Sriram	rajansriram@rediffmail.com
	Sandip Dutta	sand_dut@hotmail.com
	Manas Bajaj	manasbajaj@yahoo.com
Boston & New England (USA)		
	Palghat A Balasubramanian	p_a_bala@yahoo.com
	Anoop Kumar	anoopkum@gmail.com
Chicago & Midwest (USA)		
	Shailendra Verma	sverma2000@kellogg.northwestern.edu
	L Ramachandran	ramurama@yahoo.com
	Vikram Vuppala	vikram.vuppala@gmail.com
Houston (USA)		
	Hemant Jha	hemant_jha@yahoo.com
	Partha Sarathi Chatterjee	chatterjeep@yahoo.com
Minneapolis and Twin Cities (USA)		
	Rajiv Tandon	rajivtandon@yahoo.com
	Balram Suman	balramsuman@gmail.com
New York and Greater New York Chapter (USA)		
	Ajit K Agrawal	ajit_k_agrawal@yahoo.com
	Subhodev Das	subhodev.das@gmail.com
Ohio (USA)		
	Jacob Mathew	jacob@icbs.com
San Francisco Bay Area (USA)		
	Avik Pal	avikpal@gmail.com
Seattle (USA)		
	Pankaj Sethi	pankaj.sethi@gmail.com
Southern California (USA)		
	Alok Kumar Chatterjee	alok.chatterjee@jpl.nasa.gov
Washington DC (USA)		
	Raju S Dave	raj.dave@pillsburylaw.co
Melbourne (Australia)		
	Mouli Ganguly	mouli.ganguly@gangulyandassociates.com.au
Sydney (Australia)		
	Davender K Jain	dkjain@ezesolutions.com.au
Toronto (Canada)		
	Ujjal Mondal	ujjal@pathcom.com
Kuwait		
	Indrajit Bhowmick	bhowmick@ebla.com.kw
Singapore		
	Devashish Dutta	ddutta@eagle.org
	Biswajit Khan	biswa.khan@gmail.com
Dubai (UAE)		
	Ashwini Jain	jainras@emirates.net.ae
London (UK)		
	Rajeev G Nair	rajeev_nair@yahoo.com



Office of Alumni Affairs & International Relations
Indian Institute of Technology Kharagpur
Kharagpur - 721302, India