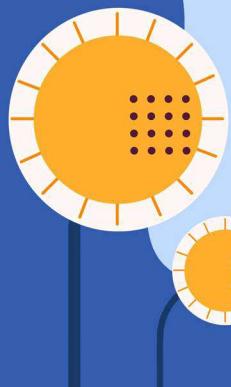




Anusmriti

VOL-IV



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Prof. Pramod Kumar Jain

Director, IIT Patna



I hope that everyone is doing well. During this tough time of the ongoing corona pandemic, I would like to extend my appreciation to everyone working for humanity at their individual level.

I am happy to extend my thanks and appreciation to the Students' Association for Alumni Relations (SAAR) team for the release of the fourth edition of our alumni magazine ANUSMRITI. The entire team has consistently employed their efforts to maintain a fruitful bond between IIT Patna and its alumni community. The Alumni Association of any institute plays a crucial role in its long-term progress. Exemplifying this idea, we are working on the foundation of the IIT Patna Alumni Association. Being part of this association grants alumni an opportunity to maintain close relationships amongst their peers and play an active role in shaping the future of the institute in the coming years. The groundworks for this project are well underway and I hope to see a welcoming response from our alumni.

An institute is widely known for its alumni, as they represent the brightest minds given to the world by the institution. Maintaining healthy interactions with the alumni keeps our students aware of how things function in the real world and also benefits the alumni as they remain in touch with their alma mater. The alumni's valuable experiences and expertise in their respective fields can lay a pathway for our future alumni to walk along.

I extend my appreciation to the Alumni community of IIT Patna. I would like them to come forward for their active involvement (both personally and financially) in building up a strong global network through the alumni association.

SAAR ACTIVITIES



SAAR WEBSITE

The alumni are indispensable to the Institution and vice versa. SAAR is pleased to announce that our website <http://www.saar.iitp.ac.in/> is now live and official. With this, SAAR has moved a step closer towards expanding the reach and connectivity of our alumni community. The website is expected to make communication more effective and help the alumni be up to date with the latest happenings of the institute. The process of donation also becomes easier.

WEBINAR-UPSC

Shikhar Choudhary, an alumnus of IIT Patna secured AIR 97 in UPSC Civil Services Examination 2019. To help in their future endeavors, SAAR IIT Patna invited all the future UPSC aspirants to a guidance session by Mr. Shikhar Choudhary on 9th August 2020. The webinar was very helpful for the aspirants as their queries were resolved by a person who had the first-hand experience of clearing those very same hurdles.



WEBINAR-CAT

SAAR conducted yet another webinar on 16 th August 2020 for all CAT aspirants. Our alumni Alok Kumar, Raghav Rastogi, Ravneet Kaur, and Jatin Kalra shared their experiences and essential advice on the topic. They spoke on the quintessential "Why MBA?" question followed by preparation strategies that rid the students of any doubts.



This webinar was succeeded by a Q/A session where the aspirants could ask questions and gain crucial insight into the alumni's journeys.

ALUMNI UPDATES



Haren Chelle

BT/EE/16

VP of Strategy & Growth
(APJ) at Yellow.ai



Rakesh Kumar Goyal

BT/EE/13

Co-Founder of
PLOPDO



Ravneet Kaur

BT/CH/17

Manager at
Amazon



Rishita K

BT/CS/16

Data Scientist at
BA Continuum India Pvt.



Nishant Gandhi

MT/CS/15

Team Lead at
DataRobot Inc.



Saurabh Gupta

BT/ME/17

Senior Business Analyst
at Mphasis



Mohit Babu

BT/ME/13

Principal at
Exfinity Ventures



Dr. Raj Kamal Maurya

PhD/MA/19

Assistant professor in
NIT Surat



Praveen Kothari

BT/ME/14

Content Editor at
Trefis



ROAD TO SUCCESS



Hello, all you aspiring engineers!
Myself, Ayushi Priyam,
BT/EE/17 (IIT Patna),
Class of 2022 (IIM Calcutta).



I always wanted to do some 'Masters' since I got into B.Tech. 2nd year, but back then I didn't know which one would that be! After getting placed in IOCL in 4th year, I joined this Global Fortune 500 company, a dream PSU for many GATE aspirants. O&G industry is very intriguing. Posted at Pipelines Regional Headquarters, the kind of ownership extended to me (IIT background helped) was immensely eye-opening. My work and team members resonated with what I had desired. Indeed, the best PSU to work with!

So why did I leave such an awesome company, you ask?

I realized that an MBA would enhance my managerial skills. My only ask was that whatever I do after graduating from B-school should be technical. Like everyone else, even I had a perception that MBA grads don't do any technical stuff. So, I started exploring the internet and leveraged our rich alumni network. It took me 3 long years to abandon the comfort!

Preparing for CAT was a bit challenging with 6-day working job, but discipline goes a long way. The uncertainties due to the pandemic were inevitable, but then I had my personal timelines. Being a student of 2010-11 Class X batch, I knew that this was another change which I would sail through. Hence, I resigned and landed into IIMC. Currently, I'm interning with Kearney (lucky to work on a project that I'm truly enjoying).

If you are planning to do an MBA, do it only after experiencing the corporate world. Doing an ROI analysis is a plus! While having short-term goals is good, but it's best if you can align them with your long-term goals. To do that, I have a simple hack - "When in your 20s, ask what would make you happy in your 50s" Difficult question, right? But trust me, addressing the elephant in the room is crucial.



ROAD TO SUCCESS



Hello, all you aspiring engineers!
I am Haren Chelle,
BT/EE/16 (IIT Patna),
Class of 2019 (IIM Bangalore).



Having a strong clarity in your vision is what brings a dream to reality. Thanks to my days at IIT Patna I was clear from day 1 of my graduation in terms of which direction my career should be heading towards. I always aspired to work in the field of SaaS & AI which drove me towards joining Yellow.ai at a very early stage. My growth within one of the fastest-growing SaaS companies in the world was led by the 3 Ps - Passion, Patience, and Perseverance. Though the courses I have done at IIM Bangalore and from few other prestigious institutions (online) did give some direction towards the basics of growth and entrepreneurship, in my opinion, there is nothing that can match the learnings you can get from a rapidly growing startup. Hence, I had taken the risk of joining a fast scaling setup, and working with sheer will and commitment which led to great success.

For upcoming engineers and aspiring entrepreneurs, my humble suggestion would be to always aim high and try to think and do stuff out-of-the-box. The more risk he/she takes early in their professional life, the higher the chances of yielding immense success ahead in an individual's career.





Manish Pandey,
MT/PH/14 (IIT Patna),
Assistant Prof. at NAIST, JAPAN

What role did IIT Patna play in shaping your personality and in helping you achieve your goals?

IIT Patna was the very first place where I became familiar with the research, 24*7 access to research and various facilities. It helped a lot, and I made full use of everything. The list will be too long if I start describing IIT Patna's role in my life. In short, I believe there exists a connection between planning and achieving your goals. You need to know and develop a specific type of personality to work for it. During my IIT Patna days, I used to have many interactions with my faculties and seniors of various departments. Their advice helped me a lot in proper planning and enhancing my personality.

What inspired you the most to pursue a career in research and teaching?

Since my childhood days, there were many instances where I had to face difficulties in understanding a few subjects. Then, while growing up, I realized that nothing could be problematic if you are taught by an expert teacher with an excellent pedagogy. I am lucky enough to have the opportunity to learn from such talented teachers. Students always have immense respect for such teachers, and thus I got inclined towards teaching profession. In addition, during my Ph.D. days in Japan, my interest in experimental research and my professor's faith in me who always gave me immense freedom to apply various ideas in solving research problems, fascinated me to pursue my career in research.





We congratulate you on becoming an Assistant Professor at NAIST Japan. What are your future plans after securing such a prominent position?

Thank you so much for your wishes. Presently, I am customizing my research laboratory according to experimental needs and planning to make good use of research funding for better results. I would like to stay here for some more years to focus on my research and teaching skills. In addition, I am planning to apply for different grants and work for future international collaborations. South Asian countries are very different from Western countries and Japan, whether it is food, culture, or lifestyle. And of course, I miss my India. I may plan to return and work in India after 5-10 years. It would be too early to say anything at this point, as we all can see that we had some determined plans and never expected a micron-sized virus could affect each & everything in today's global world.

As you were from the very first batches graduating from IIT Patna, would you like to throw some light upon the difficulties you had to face during your stay at IIT Patna?

Though I believe any difficulty always makes a person strong. However, there were a few difficulties related to the space crunch in our temporary campus in Patliputra. Playgrounds and late-night canteen services were not that good. Waterlogging during rainy days was very common, making life extremely inconvenient. While writing this, all those old memories got refreshed in my eyes, and I would like to say that these problems never caused any hindrance in our studies. IIT Patna administration always tried their best to give all facilities to our campus, but few things were not in their capacity.

Any special memories from your stay at IIT Patna?

I am fond of sports and especially cricket. I have played cricket with students of different courses and backgrounds. Preparations for inter IIT sports meet during the winter holidays are memorable. The earlier campus in Patliputra was very close to P&M mall which made it convenient to hang out with friends in the





evening. I also miss having tasty litti chokha in Dak Bungalow road with friends.

Are you still in touch with your batchmates, seniors or juniors?

Yes, I am in contact with many batchmates and seniors. We often talk to each other to discuss our professional lives. Of course, we gossip as well.

I sometimes text or call my juniors even who were pursuing B.Tech. and M.Tech. in IIT Patna at that time. I feel very pleased to hear that they are doing excellent in different aspects of their life. It is always a good feeling to see your younger ones grow.

What is that secret mantra that keeps you going in your professional life?

I am not sure whether this can be called a secret mantra. However, what keeps me going in my professional life is the desire to give the best in whatever I am doing. I keep looking forward to every opportunity of my interest. I never think, what if I fail. I always enhance my skills and give them another try. Doing this certainly brings good results, making family, alma mater, and colleagues proud of you. In addition to this, your work and personality represent your country's image, and you improve it by doing your job well, especially when you are working abroad.

Any special message that you would like to give to your juniors here at IIT Patna?

Friends, you are going through the best time of your life right now. Make full use of this time. Whether it is engineering studies, having fun with friends, or learning new skills. Every moment you have spent or will be spending at IIT Patna will be useful and remembered throughout your life. Always keep faith in yourself and spend as much time as possible with friends and professors who are optimistic. Try to replace your negative thoughts with positive ones. Feel free to contact me anytime for your future research and education-related issues. I'll be happy to assist you in my capacity.



GYMKHANA UPDATES



Hostel Affairs Council

Hostel Affairs Council (HAC) is a new council added to our Students' Gymkhana to manage hostel-related issues such as the smooth operation of Hostel Mess, maintenance activities, allotment of rooms to students, and introducing new facilities to the Hostels among others. Recently, HAC played a crucial role in containing the spread of COVID-19 among campus hostels while also distributing essential supplies to residents who could no longer go outside. They also played a significant role in the low-level management of Covid testing venues, ensuring minimum inconvenience to students getting tested while following the guidelines.



Inter IIT Tech Meet

The ninth edition of Inter IIT Tech Meet was organized virtually this year by IIT Guwahati, with the theme of "Paranoia and Possibilities". IIT Patna participated in events that took place from March 26th, 2021 to March 28th, 2021. In High-Prep events, IITP won a bronze medal in "Tech-led Innovation for Rural Entrepreneurs" under Drishee's lead. In the category of mid-prep events, IITP won another bronze in "DRDO DRGE'S Vision-Based Obstacle Avoidance Drone". Overall, IIT Patna was ranked 13th in the Tech Meet out of 23 participating IITs.

9.0

INTER IIT
TECH MEET

IIT Guwahati | 26-28 March 2021



GYMKHANA UPDATES



HoSCA Activities



Yavanika, the Dramatics Society, hosted events like Desperate Times and Act It Out, keeping the dramatic fervor burning despite being forced to use an online medium. **Vincestroke**, the Fine Arts Club, had their paintbrushes ready and they did not disappoint! The club showcased its talent in events like Euphoria, Naqsh, and Animake, a three-month-long online anime-inspired art contest. **Aria**, the Music Society held an online singing competition for the freshers. The chosen few went on to make a beautiful music video for “Hai Junoon”, in collaboration with **PIXXEL**. Their Acoustic Nights also provided a platform for students to share a light-hearted night of music.



GYMKHANA UPDATES



HOOT (House of Oratory Talents) had its most active year yet, hosting events like Parliamentary Debates, JAM (Just A Minute), and Devil's Advocate. The students have also performed well in Inter-college Debates, even winning a JAM organized by IIT Tirupati. **Syāhi**, the Literary Association geared into action this year, choosing its name and opening its social handles. Poetry events such as 'Hissing Serpent' were conducted alongside frequent jamming sessions with the juniors to kindle their writing spirits. **Exousia**, the Dance Club held online Beat It Off, with great participation from the freshers of 2020. They also conducted 'The Hook Step challenge' ending in the creation of a dance collage of the entries.

The Quiz Club has hosted numerous Intra-college and Inter-college quizzes, giving the freshers ample opportunities to host such events and get first-hand experience on topics ranging from Indian History to Pop-culture. The club's President appeared on the Independence Day special episode of the quizzing podcast - Quiz Time India. This year witnessed a new club joining the HOSCA family, namely, **The Anime Club**. The club has hosted a Snap Contest where participants capture their favorite anime scenes and an Ani-meme contest. The students have also bagged prizes in Anime quizzes held by BITS Pilani and IEST Shibpur. Throughout the year, all these clubs have been active in keeping the campus culture alive, despite the disconnected nature of students during this pandemic.



CONSTRUCTION UPDATES



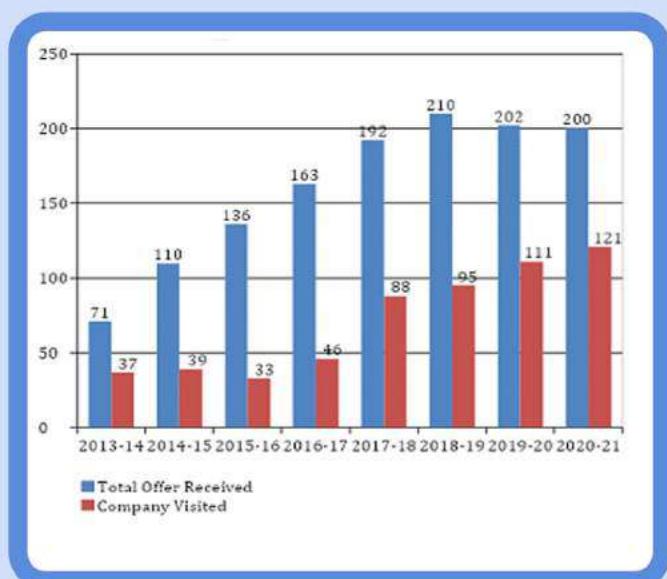
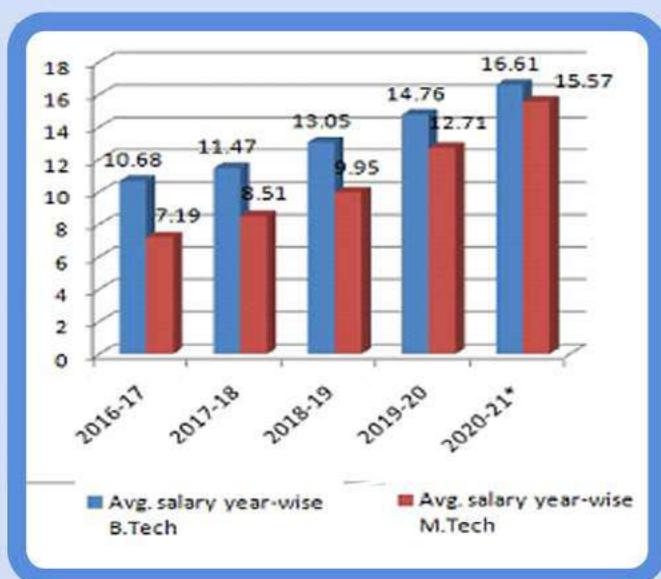
The construction at IIT Patna has been consistent, keeping a considerable pace despite the pandemic. Currently, the construction is in Phase-II which includes the boys and girls hostels along with landmark constructions such as the Central Library, Student Activity Center, Central Lecture Hall, and an auditorium (with a capacity of thousand people). These projects are being constructed under the CPWD (Central Public Works Department).

Construction of three new Workshop buildings has been completed, with the other Phase-II constructions adding finishing touches, having completed their RCC (Reinforced Cement Concrete) structure. The overall building progress as of April 2021 stands at 66%.





Even amidst a pandemic that froze the global economy, IIT Patna witnessed its most successful placement season yet with a total of 200 (+12%) offers made by 121 (+11.66%) companies. In just two phases, 70% of our eligible and registered students have already been recruited by top-ranked MNCs. Students received more than 49 offers above 25 LPA with the highest being a package of Rs. 52.50 LPA offered by MTX Group, followed by Rs 47 LPA by DE Shaw and Rs. 43.50 LPA by Microsoft.



The IT sector has continued to be the leading recruiter, closely followed by the Core sector. Offers received primarily belonged to the domain of Software Engineering, Technology Consulting, Analytics, Research and Development, Graduate Engineer Trainee, Data Engineering, and Associate Engineering.

Google, Microsoft, DE Shaw, Amazon, Games Kart, Codenation, HeroMotoCorp, Sprinklr, Media.net, Alpha Grep, and Goldman Sachs were listed as the prominent recruiters this year. PSUs and Govt. Organizations including CDAC, REC Ltd, BEL, and National Council for Cement and Building Materials also hired extensively this season. This season bore witness to a hefty line up of 50+ new recruiters including MTX, Bajaj Auto, Persistent System, Jaguar Land Rover, and Mexico-based MNC UnDosTres, despite the turbulent job market of present times.



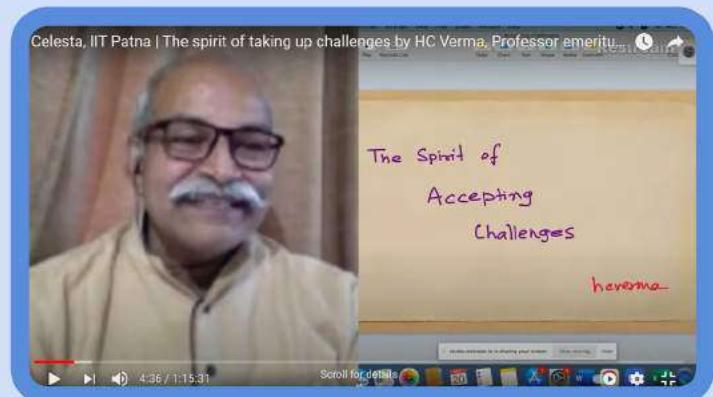
FESTIVALS

CELESTA

Celesta, IIT Patna's annual Techno-Management fiesta returned with the elements of zeal and innovation! Nurturing the legacy in a virtual environment this time, the fest witnessed huge participation in various exciting Events, Guest Lectures and Workshops, and was inaugurated on 12th December, 2020.



It began with awe-inspiring stories of success from many eminent dignitaries including Mr. Shankar Venugopal (Vice President, Mahindra & Mahindra) and the renowned Professor H.C. Verma (Emeritus Professor, Physics, IIT Kanpur) followed by a range of competitions organised in association with various technical clubs of IIT Patna. Be it QUEST-ion, 1v1 Debate, NJATH, ROS Hackathon, Hack-IT-Out, ByteRace or any other event, the participants exhibited their spirited involvement. In spite of the tussles of an online fest, combined efforts from all organizing committees paved the way for an exuberant fest, which served as a respite for participants in these trying times.



FESTIVALS

INFINITO

As with all the other fests this year, Infinito also had to go virtual. Despite this, the festival saw immense growth this year. Under the banner of "Infinito - The Virtual Arcade", events such as Queen's Gambit, Knock-out Sports Quiz were organized.



Infinito also included online gaming events this year such as Counter Strike: Global Offensive, Call of Duty Mobile and Clash of Clans. Embracing popular culture, Infinito organized Meme-O-Philia, an online competition to create entertaining memes for the audience. The fest also hosted 'Guest Lectures' from esteemed individuals such as Sonali Swami, an International Fitness Athlete, Lokesh Suji, the Co-founder of Ustreak, Shams Aalam, an Indian paraplegic swimmer and Sapna Vyas, a member of the General Body of Sports, India. All the winners were awarded with cash prizes and participation certificates were handed out to all the participants as a token of appreciation. Although it was not possible to conduct offline sporting competitions, Infinito adapted quickly (via online module) to the pandemic and wrapped up yet another successful edition in 2021.



FESTIVALS

SAMNIVESHA

Samnivesha, the annual technical fest of the Department of Civil and Environmental Engineering, unveiled its first ever Virtual Edition on the 13th and 14th of February 2021. The exuberance of new events that came to light due to the virtual edition was clearly mirrored by the huge participation it received.



The two-day Samnivesha commenced with the gracious presence of Mr. P.G. Venkatram (Chief Technology Officer, L&T Infrastructure Engineering Ltd.), a distinguished Professor of Practice in Bridge Engineering, IIT Madras as the Guest of Honour for the inaugural ceremony among other dignitaries. The Inaugural Ceremony was followed by a Guest Lecture from Mr. P.G. Venkatram. The morning witnessed an enthusiastic response from the participants when the events such as CADDesign, Model Monaco, CiviQ, Engineers Conclave, Mat.It, Crack the Clue began. The fest also conducted technical workshops on MATLAB and SIMULINK Workflows, along with a workshop on ETABS conducted by MathWorks and CSI (Computers and Structures, Inc.) respectively.

The second day quickly eclipsed the first in grandeur as the fest entered its climax. Samnivesha witnessed the esteemed presence of the Chief Guest Prof. A. Veeraragavan, a highly distinguished Professor of Civil Engineering, IIT Madras followed by his guest lecture, enlightening the audience with his profound knowledge. The competitions were intense in all events, culminating in nail-biting finales across the board. The collective efforts of the coordinators and the volunteers, compounded by an appreciative audience, resulted in one of the most energetic and fun-filled editions yet. The fest's third edition wrapped up smoothly, having flawlessly implemented a virtual rendition of the fest. This new version delivered a unique set of events, setting the bar high for the future editions.

COVID-19 UPDATES



The Covid-19 pandemic has been dispensing limitless challenges for all of us. However, our staff and students are working continuously to alleviate its effects on society. The start-ups being nurtured in the Incubation Center have played an integral role in combating this pandemic head-on.



"Kingshahi Pvt. Ltd." has created sanitization devices capable of sanitizing the full-body, which is being tested in AIIMS Patna. **"BigOhealth"**, a teleconsultation platform, has been successfully resolving the issues of COVID symptomatic patients. Furthermore, **"Medic Fiber"** is providing antiviral, antibacterial fabrics for hospital bed sheets and other textiles.

The Computer Science Department of IIT Patna, with the support of our alumnus Mr. Aditya Suman, designed the "QR code Scanner for Entry/Exit" which has been successfully implemented on the campus. An AI model for "Face Mask Detection" has shown promising results, detecting face masks in video live streams. Projects on "Drug Target Affinity for Covid-19 using Graph Neural Networks" and another on "Development of Knowledge Graph and Structure prediction of Covid-19 Proteins" have received the Microsoft AI for Health Covid-19 grant, implying their significant potential.

An **ICSSR** (Indian Council of Social Science Research) sponsored project focused on designing disaster preparedness training modules based on research in context knowledge was recently completed by the HSS Department of IIT Patna. Another HSS project on the theme of Mapping Domestic Abuse and Violence in the time of COVID-19 is also in progress.

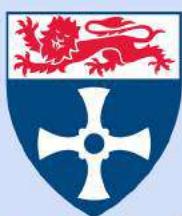
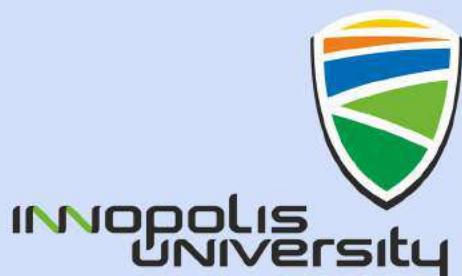
These results achieved in such a short span of time, have played crucial roles in mitigating the effects of the pandemic across multiple fields.





MEMORANDUM OF UNDERSTANDING

Between



Newcastle
University



APPEAL FOR ALMS



The institute's potential to sustain its goal for maintaining high standards of teaching, research, and co-curricular needs continuous assistance from its alumni. Keep fuelling the system by contributing to these priority areas:

1. Medals for the best academic achievers :

To encourage the students to excel in academics and celebrate their performance by giving awards to the best-performing students per category.

2. Student Scholarships:

Awarding scholarships to economically unprivileged students based on their merit as a way of supporting talented students of our university.

3. Student Travel Grant Program:

To financially assist the students and faculty participating in international tech conferences, symposia, and seminars abroad.

4. Institute Development Fund:

For funding the growth of infrastructure for the institution based on the Master Plan. These facilities will be even named after the donor/alumni.

5. College Fests and Clubs:

As the face of our institute to the outside world, funding for fests would be paramount in maintaining the institute's reputation and also show our capabilities. Club activities also play a key role in building the culture of the campus and representing it in various inter-college events.

6. National Service Scheme (NSS):

To fabricate a competent NSS society in IIT Patna which would further work for the social benefit of the community nearby.

We solicit your support and generous contribution to achieve these goals and request you to use the payment portal link below for the same mentioning the field you are contributing to.

<https://saar.iitp.ac.in/don.html>

CREDITS

Aravind Ajay

Anshu Anand

Venkat Arava

Rishika Mandhyan

Ananthajit A

Sajal Kumar

Rohit Kumar

Pratham Gupta

Animesh Sinha

Rupak Biswas

Prajyot Ramteke

Vinnakota Tarun Vikas

Sai Vardhan Vemulapalli

Gargi Chandrakar

Dr. Anirban Chowdhury

(PIC Alumni)

Mr. Jayanta Das

(Staff, A.Dean, Resources)

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Dr. Sumanta Gupta
(A. Dean, Resources)

Photo credits
Kishan Kumar Singh

