



# Alma Communiqué

## Alumni Newsletter (May '24)

### Institute Updates



Professor Amit Patra of Electrical Engineering, IIT Kharagpur, has recently assumed office as the new Director of the Indian Institute of Technology (Banaras Hindu University), Varanasi, on 16th May 2024, Thursday. Professor Amit Patra is an accomplished academician and a visionary leader. His academic journey spans over 35 years. He has made substantial contributions to the fields of Electrical Engineering, Education and Research, Administrative Roles, Industry Collaborations, Patents, and Projects. His commitment to holistic education, innovation, and sustainable progress is a testament to the all-round development of the Institute. His appointment marks an exciting new chapter in the Institution's journey. As a leader, he aims to inspire others, unlock their potential, and contribute to the Institution's growth and development. The entire IIT (BHU) fraternity extends heartfelt congratulations for his achievements and welcomes him wholeheartedly.



IIT (BHU), Varanasi, wishes to express sincere appreciation to the Former Director Prof. Pramod Kumar Jain, whose nearly six-year tenure was marked by visionary leadership and remarkable achievements. Under his guidance, our Institute witnessed significant advancements in academic excellence, research innovation, and infrastructure development. As we bid farewell to Prof. Pramod Kumar Jain, we acknowledge and celebrate his contributions to the Institute, which will continue to inspire and guide us in pursuing academic and research excellence.

### Alumni Registrations



The alumni can now connect with their fellow batchmates by registering themselves on the official alumni portal created by the office of Dean

(Resource & Alumni Affairs). Registering on the portal will keep the alumni updated about the various developments taking place at their beloved Institute.



Click/Scan QR code

### Alumni Giving Back Portal

IIT (BHU) has witnessed rapid growth in the past years, facilitated by kind donations from our alumni. Realizing the importance of this support, the Institute has its dedicated portal, where Indian alumni may contribute to the progress of their alma mater as per their choice.

All donations by the Indian Alumni to IIT (BHU), Varanasi are exempted from U/S 80G of the I-Tax Act of the Government of India. NRI Alumni may contribute to a different bank account, as detailed on the giving back portal.



Click/Scan QR code

## Research and Development

IIT (BHU), Varanasi, continues to stride in the field of Research and Development, with numerous projects getting added to the list every month.

A total of 40 testing and consulting projects were undertaken this month, securing a total funding of Rs. 2,38,22,480. Additionally, 13 projects were officially sanctioned, with a cumulative amount of Rs. 43,91,78,746.

### Projects sanctioned in May

Title of Project	Name of Funding Agency	Period of the Project Sanction	Total cost of Project in Rs.
Investigate the mechanical properties of W-Ni-Co heavy alloy by stabilizing the binder phase, W-precipitates and intermetallic B-phase	DRDO	03 Years	38,997,000
Design and development of an indigenous inert gas atomization-based powder production equipment	DRDO	04 Years	62,367,000
Design of S- and X- Band High Power Microwave Source - Relativistic Backward Wave Oscillator (RBWO)	DRDO	03 Years	98,719,000
Development and assessment of printability of indigenous Additive Manufacturing (AM) grade metal and alloy powders	DRDO	04 Years	199,071,000
Non conventional water treatment & monitoring for reuse in agriculture	SPARC	02 Years	3,803,026
To establish the synthesis route for the development of high purity $\alpha$ -Si <sub>3</sub> N <sub>4</sub> powder	DRDO	03 Years	10,486,000
Improved lightweight design of variable stiffness composite aircraft panels enabled by Tow-steering and machine learning	SERB	03 Years	440,000
Microplastic mitigation via anaerobic digestion & a novel technology for the detection of microplastic via cytometric fingerprinting & machine learning (CFML)	DBT	03 Years	3,379,000
Lignocellulose based scalable luminous photonic biopolymers for sustainable films and coatings	DBT	03 Years	5,304,720
Biochemical transformation of natural products into functional bioactive cosmetics	CGMFP	01 Year	12,500,000
Capacity Building of Tribal Population in Agriculture and Allied Sectors	IBITF	06 Months	1,800,000
Proof of concept of developing Mn(II) tricarbonyls for simultaneous ultrasound-triggered CO release and ROS generation for next-generation cancer treatment	RSUK	01 Year	50,00,000
Development of Zirconia-based Dental Ceramic Implant with Minimum Fibrosis	DBT	01 Year 08 Months	2,312,000

## Internship/Placement Updates

The Training and Placement Cell, IIT (BHU) conducted the Placement Session of 2023-24 in a seamless manner. A total of 9 international offer were bagged by the students. The maximum package was Rs. 1,68,00,000/- per annum with an average package of Rs. 22,36,392/- per annum.

As of 31 May 2024, the total count of offers received was 1,193 from various reputed companies like APT Portfolio, Rubrik, Quadeye, ITC, JPMC, D.E. Shaw, Sprinklr, Uber, Goldman Sachs, Google, HUL, Microsoft, AQR Capital, JPMC, Oracle, Intuit, Mastercard, American Express, UIPath, Mykaarma, Axxela, Nvidia, Winzo, Cohesity, Wells Fargo, Schrodinger, InfoEdge, Texas Instruments, Thoughtspot, Accenture Japan, Google, Flipkart, HiLabs, Microsoft, Navi, InfoEdge, Mastercard, Deliveroo, Headout, OLA and many more.

## Media Section



IIT (BHU) develops RoLaWAN-enabled device to modernize traditional meters



Prof. Amit Patra is the new director of IIT (BHU).

## Faculty Achievements



Prof. M. K. Meshram, Head of the Department of Electronics Engineering and the founder of Delbrone Innovation Pvt. Ltd. has successfully raised an Alumni SEED fund of USD 25,000. This significant grant acknowledges the company's innovative work in intelligent anti-drone systems and substantially

boosts its ongoing efforts to enhance security technology. Delbrone Innovation develops advanced solutions to tackle the challenges of unauthorized drones in sensitive areas. Their intelligent anti-drone systems are designed to detect, identify, and mitigate rogue drone threats, ensuring the safety and security of public and private spaces.

## Student Updates

At the Film and Media Council, the Media club launched 'NishPaksh' on Instagram, featuring news snippets on Sunil Chhetri's retirement and KKR's IPL 2024 victory. In collaboration with E-Cell, they also released the second episode of 'The Banarasi Preneurs', displaying Pehelwaan Lassi's entrepreneurial journey and vibrant history. The Design Club entered the Online Graphic Design competition for Inter-IIT 2023-24. Additionally, the Photography Club introduced 'Manipulation Week' in their ongoing series, Photography Club Originals, showcasing photographs of diverse genres. The Cine Club announced an Filmmaking Bootcamp to teach editing, cinematography, and shooting skills. The Animation Club posted three miniature 3D models created by freshers as part of a group project featuring diverse environments. The Outreach Club launched their new project, 'Summer Diaries', unveiled part one of the 'Placement Diaries' video series.



The Games and Sports Council organized a sports summer camp from 11 to 30 May 2024, witnessing more than 180 participants, who practiced Yoga and other sports activities regularly. It was held in two sessions a day, the morning session included combined sports activities helping in improving the body

endurance and strength for the upcoming sports events, and the evening session included specific sessions of each sport. Athletics, cricket, and volleyball tournaments were the center of attraction at the camp, boosting the team bonding and sports spirit among the participants.

The Social Service Council planned a Project Management Bootcamp, deliberating on the boot camp's calendar, schedule, and advertising strategies in various meetings. Posters for the boot camp were launched, and notifications were sent out via email and social media. The boot camp will span over three weeks: in Week 0, participants will be required to identify a real-world problem and submit a one-page summary; in Week 1, participants will need to pitch their solution through a 2-5





minute creative video presentation; and in Week 2, participants will be asked to develop a strategic action plan, including milestones and a timeline, to implement their solution. The boot camp will unveil the participants' strategic planning and leadership skills in project management, with evaluation being primarily based on the repositories submitted and a leaderboard tracking their progress.



The Student Counselling Services-SAKHA through its Career Council raised awareness about Artificial Intelligence (AI), highlighting its core concepts and the increasing demand for AI skills, introducing relevant career paths in AI, emphasising essential skills required for the field and providing guidance on

educational paths and certifications exploring future AI trends. The Academics Council stressed the importance of a good Cumulative Performance Index (CPI) in various aspects of academic life and the variety of courses offered during the IIT (BHU), Varanasi summer term to guide and provide valuable information to students. The Wellness Council launched a 21-day book reading challenge with genres like thrillers, psychology, wellness, autobiographies, fiction, spirituality, self-development, and entrepreneurship to ignite a passion for reading. They further conducted an activity to recreate cherished childhood photos with their mothers on Mother's Day to appreciate and honor mothers. On May 31, the Wellness Council marked 'World No Tobacco Day' with a powerful awareness campaign about the dangers of tobacco. Accessible counselling services provided by SAKHA were highlighted to support those looking to quit.

## Alumni Contributions

Sh. Vidyasagar Paul (EEE '79) donated the High-Pressure Stirred Reactor System Model BT-SR-2540-FH-Ti2, which is currently installed at the School of Materials Science and Technology. This advanced equipment will greatly benefit the students and researchers, providing them hands-on experience in modern technologies. This significant contribution exemplifies his outstanding support and commitment to enhancing the Institute's facilities.



## Alumni Achievements

### Startup Success Stories

Indegene, founded by Sh. Manish Gupta (MEC '94) and his founding team have achieved an impressive market capitalization of USD 1.3 billion. Debuting at an exceptional 46% premium over the IPO price of Rs. 452 per equity share, Indegene's listing on the BSE and NSE surpasses market expectations and exemplifies exceptional innovation. This achievement underscores Indegene's commitment to excellence and innovation in healthcare. With a vision focused on transforming healthcare through technology, it is poised to significantly impact the industry and lead the competitive healthcare market with cutting-edge solutions.

## Alumni Updates

### Student Alumni Interaction Cell



SAIC has successfully launched the 'Alumni-Guided Mock Interviews' initiative, allowing students to gain invaluable insights and personalized guidance through mock interviews by alumni. Under this initiative, the cell has facilitated over 100 interviews across seven domains, benefiting more than 300 students. Further, registrations were collected for 'Ask The Alumni' under the Student Alumni Mentorship Program 2024, offering upcoming second-year students a unique opportunity to engage with esteemed alumni.

### Alumni-Guided Mock Interviews

SAIC is here with the internship drive of the Alumni-Guided Mock Interviews to aid students sail through this internship season.

#### Register as an Interviewer

Inviting alumni to register as an interviewer, share your invaluable expertise, and provide students with personalized feedback to help the Institute achieve new heights.



Click/Scan QR code to register

### Did You Know

The 3rd, 4th and 5th semi-circles consist of hostels, playgrounds and academic buildings respectively. Popular folklore says that Mahamana believed that students' path from their hostel to an academic building should go via the playground, highlighting the importance he gave to sports and fitness.



### Newsletter Feedback Form

- How frequently do you explore all the sections in the newsletter?  
a) Regularly    b) Sometimes    c) Never
- How much time do you spend on reading the newsletter?  
a) Less than 2 mins    b) 2 to 5 mins    c) Greater than 5 mins
- How would you rate the overall experience?  
a) Excellent    b) Very Good    c) Good    d) Poor
- Which sections of the newsletter you find the most informative and interesting?

• Kindly share your input to the above questionnaire by clicking/scanning the QR provided.



Click/Scan to provide feedback



# Graduating seniors 2024



कुछ बातें अनकही तो नहीं रह गयीं,  
कुछ ऐसी बातें,  
जो इस बनारस की महफिल में बसी हों।  
कुछ ऐसे किस्से,  
जिन्हें भुलाए ना भूला जाये।  
कुछ अनमोल पल,  
जिन्हें शब्दों में बयां ना कर पाया जाये।

चलो ना,  
एक और बार याद करते हैं उस दौर को,  
उन यादों को, ख्यालातों को,  
और हाँ, उन सबी हसीन सी बातों को।



As you bid farewell to the casual chats at LC, the late-night gatherings by the Ghats, and the friendships that have been your pillars of support. While standing on the cusp of new beginnings, remember the fun in the corridors, all-night study sessions that turned into gatherings and the late-night talks that shaped your dream.

Now that you become an alumnus and join our esteemed community, taking these cherished memories with you will guide you through the experiences and opportunities ahead. While this transition may be challenging, and the journey might seem tough, you've already come far. Trust that you will navigate your path with confidence and ease, embracing each new phase with courage and determination.



SAIC is grateful to the Director, Dean (Resource & Alumni), Alumni Associations, and the entire IIT (BHU) fraternity for their constant support and blessings. We look forward to your valuable feedback. To share information for future editions, reach us at [alumni@iitbhu.ac.in](mailto:alumni@iitbhu.ac.in).

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