



CELEBRATING CENTENARY



STUDENT ALUMNI INTERACTION CELL, IIT (BHU), VARANASI

ALMA COMMUNIQUÉ

Alumni Newsletter (Jun '25)



Institute Updates



1. IIT (BHU), Varanasi conducted an online Open House session for JEE (Advanced) 2025 qualified candidates on 11 June 2025. Chaired by Director Prof. Amit Patra, the Deans and senior faculty members, the session addressed student and parent queries on admissions, academics, placements, hostel life, and campus safety. The event aimed to offer insights into student life at IIT (BHU) and help students make informed decisions about their higher education journey.



2. IIT (BHU) has been selected as one of seven national eNodes under the MAHA EV mission by the Anusandhan National Research Foundation, receiving a substantial grant to set up a National Facility for Battery Research. Led by Hon'ble Director Prof. Amit Patra, the Te-MobiX project will focus on battery degradation and safe, durable solutions for tropical e-mobility. The core architects of this national facility for battery research are Prof. R K Singh, Dr. V N Lal, Dr. Abir Ghosh, and Dr. Debdip Bhandary. Prof. R. K. Mahanty, Dr. Udit U. Ghosh, Dr. Satarupa Dutta, Dr. Rosy, Dr. Prodyut Dhar, Dr. Anubhab Sinha, Dr. Agnivesh P. and Dr. A. K. Mishra are the principal investigators in the Institute. Key partners include DRDO NSTL, CSIR NAL, TATA Motors, TVS Motors, and others, contributing both technical and financial support.



3. IIT (BHU), Varanasi has revised its B.Tech. curriculum in line with the National Education Policy 2020, effective from the 2025–26 academic year. The new structure offers greater flexibility and interdisciplinary options to better meet industry needs. From the fourth semester, students can choose from five academic pathways: regular B.Tech., B.Tech. Honours, B.Tech. with a minor, B.Tech. with a Second Major, and the B.Tech.–M.Tech. Dual Degree. These options allow students to explore additional disciplines and enhance their academic and career prospects.



4. IIT (BHU), Varanasi celebrated the 11th International Day of Yoga, inspired by the call of Hon'ble Prime Minister Sh. Narendra Modi to embrace yoga as a global movement for health and harmony. Students, faculty, and staff assembled for a mass yoga session on campus, reflecting this year's theme: 'Yoga for One Earth, One Health'. The event highlighted the power of yoga to unite body, mind, and environment in the spirit of well-being and balance.

Alumni Registrations

The alumni can now connect with their fellow batchmates by simply registering themselves on the official alumni portal created by the office of Dean (Resource & Alumni Affairs).

Registering on the portal will allow the alumni to stay connected with their alma mater through updates about the various developments at their beloved Institute.



Internship/Placement Updates

The Training and Placement Cell at IIT (BHU), with the continued support of students, successfully facilitated the placement and internship processes for the academic year 2024–25. In June 2025, a total of 1378 placement offers, including Pre-Placement Offers (PPOs), have been secured. Additionally, 480 internship offers have been received, showcasing the abundant opportunities extended to students by a wide range of esteemed companies.

The highest internship stipend reached Rs. 5,00,000 per month, while the average stipend stood at Rs. 1,08,410 per month. The highest salary package offered was Rs. 2,20,00,000 per annum, with the average package being Rs. 22,80,031 per annum.

Offers were received from various reputed companies like Google, Microsoft, Goldman Sachs, Qualcomm, Uber, Oracle, JPMC, Amazon, Texas Instruments, Adobe, Deutsche Bank, Schlumberger, Tata Steel, Infosys, Axis Bank, Visa, American Express, Flipkart, Nvidia, D. E. Shaw, AQR Capital, Cohesity, Intuit, PhonePe, and many others, reflecting the strong industry connect and academic excellence of the Institute.

Research and Development

With its ongoing R&D efforts, IIT (BHU) is playing a pivotal role in driving impactful contributions to the global research landscape. Between 1 June 2025 and 30 June 2025, a total of 22 patents were filed, and 4 patents were successfully granted. Progress in research continues to drive new developments. These numbers reflect the steady progress being made in research and development, as students and faculty continue to work on new ideas and practical innovations.

Patents filed in June		
Faculty	Department/School	Filing Date
Dr. Md. Zahoor Khan Yusufzai, Dr. Meghanshu Vashietha, Mr. Pradeep Kumar, Mr. Priyush Rai, Mr. Nihal Kumar, Mr. Kundan Sehgal, Mr. Deepak Saxena	Department of Mechanical Engineering and NCL	02/06/2025
Dr. Vivek Nandan Lal, Prof. Rajeev Kumar Singh, Arnan Kumar	Department of Electrical Engineering	03/06/2025
Dr. Chinmaya K.A., Dhawal Dwivedi, Aakash Ravi	Department of Electrical Engineering	05/06/2025
Dr. Vivek Nandan Lal, Prof. Rajeev Kumar Singh, Priyatosh Jena	Department of Electrical Engineering	07/06/2025
Dr. Joy Prakash Misra, Dr. G.M. Karthik, Dr. Arvind Kumar Agarwal, Mr. Navneet Singh, Mr. Asgar Sakil	Centre of Excellence on Machine Tools Designs, IIT (BHU) and Department of Mechanical Engineering	09/06/2025
Dr. Vivek Nandan Lal, Prof. Rajeev Kumar Singh, Prakash Ji Baranwal	Department of Electrical Engineering	09/06/2025
Dr. Pranjal Chandra, Rohini Kumari	School of Biochemical Engineering	11/06/2025
Prof. Sundaram Singh, Shikha Pandey	Department of Chemistry	13/06/2025
Prof. Rajeev Kumar Singh, Ankit Kumar Pratishtha	Department of Electrical Engineering	14/06/2025
Dr. Vishal Mishra, Prayagraj Chaudhary	School of Biochemical Engineering	16/06/2025
Prof. Sandip Ghosh, Dr. N.K. Swami Naidu, Dr. Shyam Kamal, Dr. A.K. Varasi Krishna, Aditya Kumar, Shiv Prakash	Department of Electrical Engineering	17/06/2025
Dr. Atul Kumar, Dr. Ankit Avora, Mr. Vikram Singh Thakur, Punit Rakesh Makwana, Aditya Acharya	Department of Electronics Engineering and School of Biomedical Engineering	17/06/2025
Dr. Deepak Kumar, Ms. Pallavi Saha, Mr. Mohit Kumar	Department of Pharmaceutical Engineering	17/06/2025
Dr. Nand Kishore Prasad, Shiksha Tiwari, Chinmaya Mohapatra, Deepak k.	Department of Metallurgical Engineering	20/06/2026
Dr. Deepak Kumar, Ms. Pallavi Saha, Mr. Mohit Kumar	Department of Pharmaceutical Engineering	20/06/2025
Dr. Sudip Mukherjee, Durba Banerjee, Bhola Nath Pal, Akhilesh Yadav	School of Material Science & Technology and School of Biomedical Engineering	25/06/2025
Dr. Prodyut Dhar, Rohit Rai	School of Biochemical Engineering	25/06/2025
Dr. Chinmaya K.A., Dhawal Dwivedi	Department of Electrical Engineering	25/06/2025
Dr. Deepak Kumar, Dr. Nitin Pal Kalra, Mr. Anub Roy, Mr. Rohit Kumar, Ms. Pallavi Saha, Mr. Shashikanta Sau, Ms. Puja Kumari Agnivesh, Kishan Kumar Parida	Department of Pharmaceutical Engineering and NIPER Hyderabad	25/06/2025
Dr. Vishal Mishra, Yash Dilip Phalke	School of Biochemical Engineering	26/06/2025
Dr. Ayan Halder, Abhijeet Kumar	Department of Civil Engineering	28/06/2025
Prof. Sanjay Kumar Singh, Prof. Rajeev Kumar Singh, Ankit Kumar Pratishtha, Anantha Padmanabhan N.K.	Department of Computer Science & Engineering	28/06/2025

Patents granted in June		
Title	Granting Date	Patent Number
Polymer-particle composite radiative cooling coating	06/06/2025	567235
Soy-based electrospun non-fibrous sheet and method of electrospinning thereof	17/06/2025	567519
An On-board charging system for an Electric vehicle	21/06/2025	567700
A Method of Synthesizing A Lignocellulosic Material From Biodegradable Digestate	24/06/2025	567783

Additionally, 17 projects were officially sanctioned, with a cumulative funding amounting to Rs. 46,33,85,209.

Projects Sanctioned in June			
Title of Project	Name of Funding agency	Period of the Project Sanction	Total cost of Project in Rs.
Finding consensus between Stokes and Hofine for consistently-precise geoid determination using heterogeneous gravity data: towards a comprehensive indigenous geoid modelling package	SERB	03 years	61,91,794
Te-MobIX: Safe and Degradation-controlled Batteries with Efficient Charging for Tropical e-Mobility Excellence	SERB	03 years	40,35,20,800
Data-driven Advanced Management for Situational awareness in DER-rich partially Observable distribution Networks (DAMSON)	SERB	03 years	71,64,000
Deep Learning-Based Image Restoration and Enhancement for Digital Manuscripts with Indian Cultural Significance	SERB	03 years	37,62,120
Kinesiology for Assessment of Sports, Health and Injury (KASHI)	SERB	03 years	71,28,280
Identification and Characterization of Breast Cancer Cell-of-Origin and Cancer Stem Cells within Indian Population to Discover the Promising Therapeutic Targets for Triple Negative Breast Cancer	SERB	03 years	70,38,720
SecureLoc: Secure Localization for Future Wireless Communications	SERB	03 years	49,65,720
Efficient and reliable diamond integrated GaN HEMTs for EV batteries with reduced charging time and increased lifetime	SERB	03 years	71,99,880
Thermally Rectifying Iontronic Diodes for Enhanced Nano/Microfluidic Biosensing Technologies (TRIDENT)	SERB	03 years	69,60,000
Impact of soft-gel layers on the evolution of Faraday waves	SERB	03 years	39,00,480
Next Generation Traffic Flow Models for Sustainable, Safe, and Smart Cities	SERB	03 years	41,76,480
Development of materials for FIR based high temperature optical thermometry	DRDO	03 years	36,48,908
Modulating the Cathode and Catholyte for Improved Room-Temperature Na-S Batteries	CSIR	03 years	16,00,000
Shape Optimization Problems for Higher Neumann Eigenvalues	CSIR	03 years	25,14,720
Education Guidelines - Enabling of Academic Institutes in Technical Textile	NTTM	03 years	2,14,32,667
Development of quantum dots-based UV photodetectors	DST	03 years	4,00,000
Developing Social Entrepreneurship and Innovation among Youth	Mindshare	03 years	10,56,000

Media Section



IIT (BHU) selected as nodal centre for national EV battery research

The Department of Electrical Engineering at IIT (BHU) has been selected as the nodal centre for the National EV Battery Research project, a key initiative of the Ministry of Road Transport and Highways, Government of India. The project aims to develop advanced battery technologies for electric vehicles, focusing on safety, performance, and sustainability. IIT (BHU) will lead the research efforts, coordinating with other leading institutions across the country.



IIT (BHU)'s new UG curriculum offers more flexibility

IIT (BHU) has introduced a new Undergraduate (UG) curriculum that offers enhanced flexibility to students. The revised curriculum allows students to tailor their degree programs based on their interests and career goals. It includes a core set of courses along with elective options from various departments, promoting interdisciplinary learning and innovation. The new structure is designed to better prepare students for the challenges of the 21st-century workforce.

Innovation

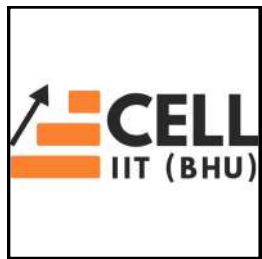
Ideation Innovation & Incubation Foundation (I-3F)

Under the RKVY-RAFTAAR Scheme, a total of Rs. 80,50,000 was disbursed among 10 promising start-ups—8 newly onboarded in 2024–25 receiving their first tranche and 2 from the previous cohort receiving their second. This crucial funding support aims to nurture early-stage agri-based innovations and strengthen the start-up ecosystem in the agricultural domain. A vibrant Round Table Session took place on 5 June 2025 at the I-3 Foundation, IIT (BHU), Varanasi, where Sh. Sanjiv, Joint Secretary, DPIIT, joined Prof. Rajnesh Tyagi, Prof. Rajesh Kumar Upadhyay, Prof. Manoj Kumar Meshram, and 15 start-ups for an engaging and insightful dialogue. The discussion focused on identifying key entrepreneurial challenges, improving policy frameworks, and exploring future avenues for collaboration between institutions and innovators. Furthering grassroots impact, a sensitization program was also organized on 17 June 2025 at Chhapra, Varanasi, where the R-ABI team interacted with local farmers to promote awareness, introduce emerging technologies, and encourage community-level agri-innovation adoption.



Student Updates

E-Cell IIT BHU concluded its recruitment process in June 2025, onboarding a new batch of Associates and Managers. The Cell has also initiated mentoring support for early-stage student ventures. Notably 'Amplify JEE', a campus-based initiative, recorded commendable outcomes in JEE Advanced, Mains, and other competitive exams.



The cell started a LinkedIn series featuring alumni-founded startups, which received strong engagement and positive responses from the founders. In parallel, the Cell is in discussion with several startups to explore potential collaborations aimed at providing practical exposure to students.

The Film and Media Council made some engaging strides this month. The Media Club published thought-provoking Nishpaksh 'Fantasy India' articles on IPL betting, the Ahmedabad aviation tragedy, and the RCB victory, while also promoting wellness through an International Yoga Day post. The Animation Club completed its logo redesign contest and launched a three-phase competition to hone sophomores' skills. The Design Club co-hosted a Figma workshop alongside the Media Club, with both clubs also working on the Freshers' Survival Guide. The Outreach Club held Premiere Pro workshops; meanwhile, the Photography Club hosted a series of workshops dedicated to building Photoshop skills from the ground up. The Cine Club hosted the 'Back in Time' reel competition and launched its Summer Bootcamp to usher students into the world of filmmaking.



The Science and Technology Council led a dynamic summer with impactful initiatives across its clubs. The Club of Programmers engaged over 200 students in its Summer of Code, covering AI/ML, Software Development, Cybersecurity, and Competitive Programming, with top performers inducted into the club.

The Aeromodelling Club hosted a drone workshop for Indian Army officers and initiated the development of VTOL drones while preparing for the NIDAR Drone Competition. The Business Club's Summer Camp '25 featured industry-led sessions in collaboration with HelloPM, while Astronomy Club's 'Cosmic Camp '25' introduced students to astrophysics, space systems, AI in astronomy, and astrophotography, sparking cross-disciplinary interest.

Under the Social Service Council, the Social Projects Club launched Summer Bootcamp '25 in June with the theme 'Ideate, Innovate, Integrate'. Through workshops and mentorship, students developed socially impactful projects while building technical and planning skills. The Council's PR team also introduced Alumni Archives, a video series capturing stories from former council members. The series reflects on their experiences and the values they carry forward, and will be released soon as a tribute to the council's lasting legacy.



Student Achievements

Mr. Sougata Chatterjee secured the runner-up position in the Rapid Thesis Competition, and Mr. Sagar Bhattacharya received the Best Student Paper Award under the PhD category at the recently held WAMS 2025 conference at IIITDM Kancheepuram. Their achievements highlight the quality of research and scholarly excellence nurtured within the Institute for national growth.

Faculty Achievements



Dr. Somak Bhattacharyya, Associate Professor in the Department of Electronics Engineering, was honored with the Outstanding Contributor Award for his significant role in the technical program of WAMS 2025. Further he has been appointed as an Associate Editor for the prestigious Wiley journal Radio Science. His

contributions continue to reflect the academic excellence and leadership of IIT (BHU)'s faculty on global platforms.

Alumni Updates

Student Alumni Interaction Cell

SAIC successfully concluded 'Ask The Alumni' with 50+ sessions and over 250 mentees. Under the 'Alumni-Guided Mock Interviews' initiative, over 200 interviews have been conducted thus far. An insightful resume-building session by alumnus Mr. Yash Verma (CSE '23) was conducted on 15 June 2025. As a part of the 'Beyond The Degree' initiative, an engaging session on Prompt Engineering was delivered by Mr. Dhruvil Hapani (PHY '18) on 21 June 2025.



From 1 June 2025 the new Core Team of SAIC, under the aegis of Prof. Hiralal Pramanik, Dean (Resource & Alumni) has begun leading operations for the academic year 2025-26. The list of the SAIC Core Team Members, along with their responsibilities, is mentioned below:

SAIC Core Team Members 2025-26

Name	Branch	Year	Role
Dhwanil Shah	MAT	IDD III	Technical Team
Eashoo Ranjan	MIN	IDD III	Data Management Team
Pentyala Abhishek Preetham	ECE	B.Tech. III	Events & Operations Team
Shivam Yadav	CHY	IDD III	Media Management Team
Shubhangi Gupta	MET	B.Tech. III	Creative (Content & Design) Team
Vedansh Nagori	ECE	B.Tech. III	Public Relations & Outreach Team

Connect & Learn



SAIC successfully hosted the summer edition of Connect & Learn, a student-alumni meet-up held across four cities—Kolkata, Bangalore, Mumbai, and Pune. The event witnessed enthusiastic participation, offering a platform for students to engage in meaningful conversations around career paths, industry trends,

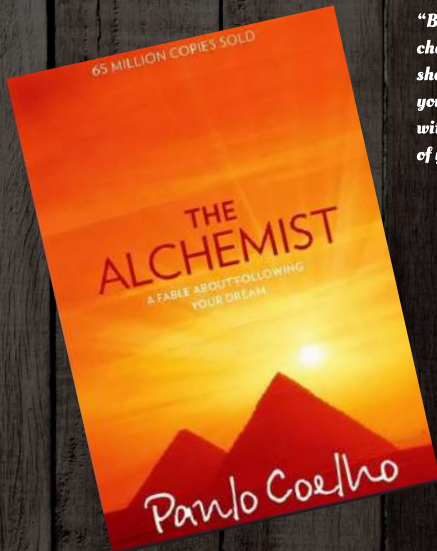
and skill-building with seasoned professionals. Alumni from a wide range of sectors came together to share their experiences and offer guidance.

Alongside current students, recently graduated and interning students also joined the sessions to gain a deeper understanding of their respective fields. The event helped the attendees make more informed decisions about their future career directions, bridging the gap between academic exploration and practical realities of the professional world.

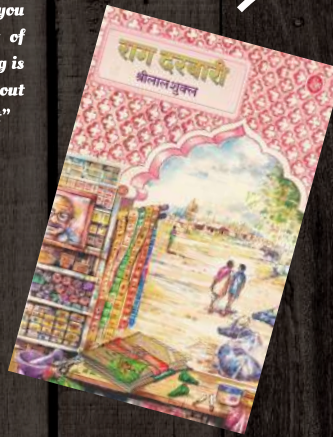


INK and INSIGHT

Alumni-recommended reads that left a lasting imprint – one page at a time

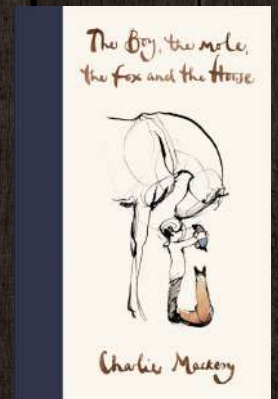
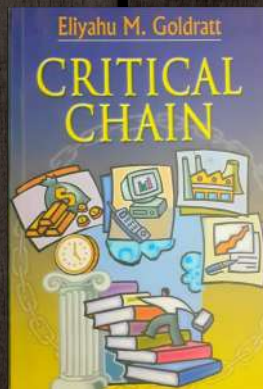


"Because of its message you can change your life anytime if you show the courage to move out of your comfort zone and everything is within you you just have to move out of your comfort zone to know that"



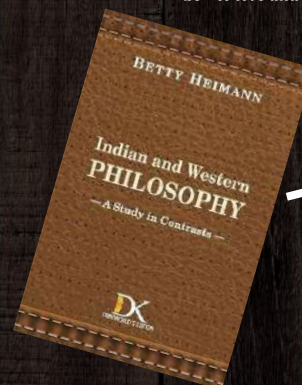
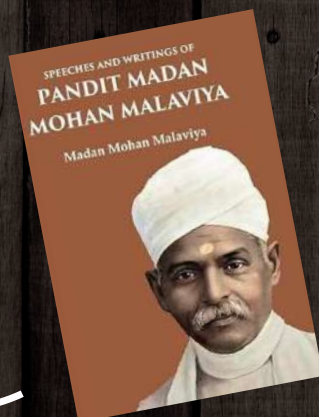
"Raag Darbari by Shrilal Shukla - a powerful piece of Hindi literature that offers a sharp, satirical look at our bureaucracy, the deep-rooted corruption, and the socio-political dynamics that shape our rural and administrative systems. What sets it apart is the wit and humor with which these complex issues are portrayed, making it both an engaging and enlightening read. It gives readers - especially students - a deeper understanding of how governance at the grassroots works (or fails to work), and how structural changes can be thought about with awareness and responsibility."

"The Goal and Critical Chain focus on business processes and and overall understanding of business and how to resolve problems and improve business performance. I consider these two books as must haves for people from all walks of life."



"Such a simple book but so profound!! Magic begins from page 1 itself - the mole says I'm small, the boy says yes you are but you make a difference!! The book is for everyone and makes clear the motto of life to be - to love and be loved."

"This book meticulously documents over 25 years of Pandit Madan Mohan Malaviya's altruistic endeavors in elevating his homeland. His pivotal roles in Congress, the Imperial Legislative Council, and the establishment of the Hindu University in Benares underscore his exceptional stature."



"A journey through two rich philosophical worlds—this book bridges the spiritual depth of Indian thought and the rational inquiry of Western philosophy, revealing how both traditions explore truth, self, and existence in profoundly different yet surprisingly connected ways."

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.

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