



CELEBRATING CENTENARY



STUDENT ALUMNI INTERACTION CELL, IIT (BHU), VARANASI

# ALMA COMMUNIQUÉ

Alumni Newsletter (May '25)



## Institute Updates



1. IIT (BHU), Varanasi, and CSIR-CGCRI, Kolkata, signed an MoU on 17 May 2025, to advance collaborative research in ceramics and allied technologies. The MoU was signed by Prof. Amit Patra, Director of IIT (BHU), and Prof. Bikramjit Basu, Director of CSIR-CGCRI, in the presence of faculty members and dignitaries. The collaboration will cover energy materials, electronic ceramics, biomaterials, and thin-film technologies. It also includes joint R&D, resource sharing, and research internships for IIT (BHU) students under the mentorship of CSIR-CGCRI experts.



2. IIT (BHU), Varanasi has signed an MoU with U.S.-based Saras AI Institute to introduce the 8-week Powers of AI course as an open elective for all undergraduate students. The agreement was signed by Prof. Amit Patra, Director of IIT (BHU), and Mr. Amit Kataria, Co-Founder and COO of Saras AI Institute. The partnership aims to promote applied AI learning across various disciplines. Saras AI Founder and President Anil Singh emphasized empowering students for leadership in the AI era, while Chief Student Success Officer Shailesh Kumar highlighted the course's accessibility across all fields from engineering to humanities.



3. In May 2025, IIT (BHU), Varanasi saw the successful completion of renovation of the Institute Cafeteria to enhance student comfort and campus life. The upgraded facility was inaugurated on 11 May 2025 by Hon'ble Director, Prof. Amit Patra. With improved interiors, better seating, and ventilation, the space offers a more welcoming environment. A refreshed, diverse, and affordable menu has also been introduced. The renovation reflects a strong collaboration between students and the administration.

## 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.



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## Internship/Placement Updates

The Training and Placement Cell at IIT (BHU), with the consistent support of the student community, successfully facilitated the placement process for the academic year 2024-25. As of 4 June 2025, a total of 1360 placement offers, including Pre-Placement Offers (PPOs), have been secured. In addition, 474 internship offers have been received, showcasing the vast spectrum of opportunities extended to students across diverse domains.

The highest internship stipend offered stood at ₹5,00,000 per month, while the average stipend was ₹1,08,410 per month. The highest placement package reached ₹2.20 crore per annum, with an average package of ₹22.96 lakh per annum. Top recruiters included Goldman Sachs, American Express, JPMC, Google, Mastercard, Nvidia, Oracle, Flipkart, Visa, Accenture India, Walmart, Cisco, Adobe, Tata Steel, Nutanix, Amazon, and many more.

## Research and Development

Between 1 May 2025 and 31 May 2025, a total of 27 patents were filed, and 4 patents were successfully granted. Progress in research continues to drive new developments. Additionally, 6 projects were officially sanctioned, with a cumulative funding amounting to Rs. 4,92,77,556.

Faculty	Department/School	Filing Date
Dr. Pranjal Chandra, Rohini Kumar, Indrani Nandi	School of Biochemical Engineering	01/05/2025
Dr. Avenish Singh Pamar, Kauslabhi Nalk, Shikha Tripathi	Department of Physics	02/05/2025
Dr. Shreyans Kumar Jain, Ms. Nancy Tripathi, Ms. Nivedita Bhanuwal, Ms. Sanju Kumar, Ms. Sanheeta Chakrabarty, Mr. Sanjay Kumar	Department of Pharmaceutical Engineering & Technology	02/05/2025
Saurabh Kumar Srivastava, Shikha Tripathi, Dr. Avenish Singh Pamar	Department of Physics	02/05/2025
Dr. Pawan Sharma, Mr. Rajat Kumar Dutt, Mr. Vivek Mani Tripathi, Mr. Aniket Tripathi	Department of Mechanical Engineering	02/05/2025
K. M. Preetnam Sai, Dr. Joy Prakash Misra, Er. Amitabh Guha. Er. Basudeb Raagik	Department of Mechanical Engineering	02/05/2025
Dr. Pranjal Chandra, Supratim Mahapatra, Ankur Singh, Ratul Paul	School of Biochemical Engineering	02/05/2025
Dr. Vishal Mishra, Prof. Abha Mishra, Sonam Mishra	School of Biochemical Engineering	05/05/2025
Dr. Shreyans Kumar Jain, Ms. Sanju Kumar, Ms. Sanheeta Chakrabarty, Mr. Sanjay Kumar	Department of Pharmaceutical Engineering & Technology and School of Biomedical Engineering	06/05/2025
Dr. Pradip Palk, Gurmeet Singh, Samedutta Maity	School of Biomedical Engineering	06/05/2025
Dr. Pradip Palk, Sukanya Patra, Divya Pareek, Dush Deepak Yadav	School of Biomedical Engineering	06/05/2025
Dr. Rosy, Aniksh Kumar Singh	Department of Chemistry	08/05/2025
Dr. Hari Prabhat Gupta	Department of Computer Science & Engineering	13/05/2025
Dr. Shreyans Kumar Jain, Dr. Gudasalamani Ravikanth, Sanju Kumar, Sanheeta Chakrabarty, Sanjay Kumar	Department of Pharmaceutical Engineering & Technology, School of Biomedical Engineering, SM Sehgal Foundation Centre for Biodiversity and Conservation, Ashoka Trust for Research in Ecology and the Environment Bengaluru	17/05/2025
Prof. Indrajit Sinha, Maheshwari Yadav	Department of Chemistry	19/05/2025
Dr. Ajay Pratap, Shilpi Kumar, Shruti Tulshidas Ahvad	Department of Computer Science & Engineering	21/05/2025
Dr. Chinmaya K.A. Dhawal Dalwadi, Aakash Ravi	Department of Electrical Engineering	26/05/2025
Dr. Vivek Nandan Lal, Prof. Rajeev Kumar Singh, Aman Kumar	Department of Electrical Engineering	27/05/2025
Dr. Pradip Palk, Sukanya Patra, JAC FREDOR, Aniket Lokhande	School of Biomedical Engineering	27/05/2025
Dr. Shreyans Kumar Jain, Dr. Gudasalamani Ravikanth, Sanju Kumar, Sanheeta Chakrabarty, Sanjay Kumar	Department of Pharmaceutical Engineering & Technology and School of Biomedical Engineering	28/05/2025
Dr. Abhishek S. Dhole, Kailash Pal Pandey	School of Biochemical Engineering	28/05/2025
Dr. Deepak Kumar, Ms. Pallavi Saha, Mr. Mohit Kumar	Department of Pharmaceutical Engineering & Technology	28/05/2025
Dr. Preetam Singh, Mr. Krishna Gopal Nigam, Mr. Satyendra Kumar Tiwari, Mr. Abhinav Kumar Singh	Department of Ceramic Engineering and CerGrid Technology Pvt. Ltd	28/05/2025
Prof. Abha Mishra, Dr. Vishal Mishra, Shruti S. Raut, Apit Sharma	School of Biochemical Engineering	31/05/2025
Dr. Subrata Panda, Mukta Rajolia, Vivek Kumar Saroj	Department of Ceramic Engineering	31/05/2025
Bhola Nath Pal, Rajarshi Chakrabarty, Himanshu Singodia, Subarna Pramanik	School of Material Science & Technology	31/05/2025
Dr. Sudip Mukherjee, Snehasish Mondal, Rajdeep Bhattacharya	School of Biomedical Engineering	31/05/2025

Title	Granting Date	Patent Number
Analyte detection based on enhanced chemiluminescence and smartphone imaging in biological fluids and method thereof	08/05/2025	566071
High capacitance electrode for pseudocapacitors and a method of preparing the same	16/05/2025	566332
A polymeric nanoparticle formulation and a method of preparation thereof	20/05/2025	566248
A stability analysis and hazard rating system for mine overburden dump slope structure	26/05/2025	566674

Title of Project	Name of Funding agency	Period of the Project Sanction	Total cost of Project in Rs.
Revolutionizing Solar Energy: All weather power generation via hybrid solar and triboelectric nanogenerator approach	IIC-IITM	05 months	50,000
Development of a 10 KW natural gas based membrane reformer for on-site production of fuel cell grade hydrogen: Phase II	GAIL	02 years	2,49,00,000
Operation and control of Multi Energy ship microGrid considering uncertainties (OMEGA)	SERB	02 years	34,37,956
NSF-DST CPS TTP RE-GAIN An Adaptive, Medical CPS Platform Integrating E-Textile Wearables, Virtual/Augmented Reality, and AI for Stroke Rehabilitation	DST	03 years	NA
Development of compositionally complex alloys for laser cladding on top zone caster rolls	TATA STEELS	03 years 06 months	43,89,600
Empowering Sixth Sense Capabilities of Communication Network: Design and Development of Test-Bed for RIS-Enable Joint Sensing and Communication Systems	TTDF	03 years	1,65,00,000

## Media Section



IIT (BHU) signs MoU with SARAS AI Institute      IIT (BHU) signs MoU with CSIR-CCCR

## Student Updates



The Sahyog Club at Social Service Council has launched the Disha Mentorship Program to bridge educational gaps in government schools. Running in three phases from May to December, the program focuses on guiding Class 5 students in Adityanagar and Sundarpur, and Class 8 students in Tikari School.

Carefully selected student mentors from IIT (BHU) provide both academic guidance and overall developmental support throughout each phase to help students prepare for exams like JNV, CHS, ATS, SSSET, and NMMS.

E-Cell IIT BHU concluded the month of May with the successful completion of Big Brand Theory, attracting over 2,400 registrations and 1,300+ teams. Preparations for the final pitching round are currently in progress. Efforts have commenced to establish strategic partnerships and sponsorships, alongside proposals for new community initiatives to support student entrepreneurs, alumni, and local startups. The Cell is also enhancing its digital outreach through social media, podcasts, and YouTube while strengthening mentorship, incubation, and industry engagement. With a comprehensive annual review completed, E-Cell is poised to move forward with renewed focus and strategic direction.



The Film and Media Council had an engaging month marked by creative growth and impactful collaborations. The Media Club welcomed new members and initiated campus-wide discussions on the Indo-Pak War. Outreach Club hosted "Vlog it", a vlog-making contest for sophomores. Photography Club released Shore

Stories and, in collaboration with the 39 Gorkha Training Centre, conducted a five-day creative workshop. Design Club unveiled fresh graffiti and began new artwork projects with its expanded team. Animation Club held an induction meet and shared nostalgic artwork themed on Satish Dhawan Hostel. Cine Club completed filming the annual Class Song and the 39 GTC workshop.

The Students' Parliament elections were duly conducted on 5 April 2025. After the total vote count, the newly elected members were sworn in, and Mr. Mudavath Dev Singh was declared as the Vice President of the Students' Parliament on 9 April 2025. The elections were conducted under the supervision of the Joint Chief Proctor along with his proctorial team.



## Workshops

### Modelling and Simulation Workshop

A three-day Hands-On Training Workshop on Modelling and Simulation in Manufacturing & Reverse Engineering was successfully conducted from 23 to 25 May 2025 at the Precision Engineering Hub, IIT (BHU), Varanasi in collaboration with the Manufacturing Intelligence Division, Hexagon. It was held under the patronage of Honorable Director of IIT (BHU), Varanasi, Prof. Amit Patra, and coordinated by Prof. Santosh Kumar, Dr. G.M. Karthik, Dr. Pawan Sharma, and Dr. S.K. Mandal. The workshop provided participants with practical insights and technical exposure in advanced manufacturing techniques like simufact welding, simufact additive, simufact forming and 3D scanning and reverse engineering.

### Antennas and Microwave Technology Workshop



The IEEE MTT Society Student Branch Chapter, IIT (BHU), in collaboration with the IEEE AP-S UP Section and IETE Varanasi Sub Centre, organized a workshop titled "Recent Trends and Advancements in Antennas and Microwave Technology for High-Frequency Applications" on 29 and 30 May 2025. The event was honored by the presence of three IEEE Fellows.

### Newsletter Feedback Form

Alma Communique carries the voice of a legacy — one built by the experiences, achievements, and aspirations of a extended family. Your feedback is not just a response; it's a contribution to that legacy. Share with us what inspired you, what you've felt, what you wish to hear more of, or how we can serve this community better with each issue.

Whether it's a quick impression or a detailed suggestion, we welcome your voice. Thank you for taking the time to share it with us.



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### 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 giving back 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 per the information provided on the giving back portal.



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## Upcoming Events

7 July to 18 July

Sustainable Infrastructure monitoring with AI inspired machine learning

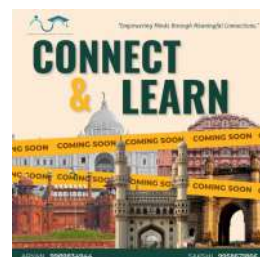
## Student Achievements

Four students from IIT (BHU), Varanasi namely Ashutosh Sharma (SMST), Prakhar Srivastava (SMST), Chirag Goel (MAT), and Ravi Kumar (CHY) have been selected for the prestigious DAAD-KOSPIE (Combined Study and Practice Stays for Engineers from Developing Countries) scholarship program. Supported by the German Academic Exchange Service (DAAD), this program offers Master's students from select IITs the opportunity to conduct research and gain practical experience at TU9 universities in Germany. This achievement marks a significant milestone for the Institute.

## Alumni Updates

### Student Alumni Interaction Cell

SAIC has successfully launched the 'Alumni-Guided Mock Interviews' initiative, allowing students to gain invaluable insights and personalised guidance through mock interviews by alumni. Also, end semester examinations for the subjects MME-306 (Media Environment) and MME-308 (Finance and Economics for Engineers) were conducted successfully under the Alumni Visiting Faculty (AVF) Program for the Even semester of 2024-25. Further, registrations have started for 'Connect & Learn', offering students a unique opportunity to interact with esteemed alumni in 9 cities: Bangalore, Delhi, Mumbai, Chennai, Jaipur, Pune, Hyderabad, Ahmedabad and Kolkata.



### IIT (BHU) Foundation

The IIT (BHU) Foundation is built on decades of trust, driven by legacy and powered by community with a shared commitment to excellence. This month Dr. Hiralal Fotedar (MET '66) and Mrs. Patricia Fotedar pledged \$240,000 to establish an endowed chair in Metallurgy, and Materials Science and Engineering. We are also honored to announce a generous donation of \$114,000 from Mr. Prabhakar and Mrs. Srilatha Raghavan to launch an entrepreneurship fund in memory of her father, Sri M. Ramakrishnan (MEC '57) and Smt. Malini Ramakrishnan.

### Alumni-Guided Mock Interviews

SAIC is back with the internship drive of the Alumni-Guided Mock Interviews initiative 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

## YEAR 1: THE BIG UNKNOWN

You walk in, wide-eyed, suitcase in hand, heart pounding in sync with your footsteps.

**“Everything feels too big, too new and a little overwhelming.”**

You look around and see strangers—soon to be friends—who are just as lost and just as eager.

And in that shared uncertainty, you find your first comfort.

**“Everyone is starting out just like you.”**



“late-night chai,  
endless rants,  
new faces  
will become  
like family...”



## TEMPUS ACADEMIA

Fragments of story, forming a whole tale. Fantasy for some, a Maze for others.



## YEAR 4: THE FULL CIRCLE

You walk slower now. Not because you're tired, but because you're absorbing the end. You'll look at that semi-circle in the campus map and smile. Because that half-circle turned into your whole world.

You've grown—not into someone perfect, but into someone real.

**“This wasn't the college life I imagined... but it was exactly what I needed.”**

“And welcome to college,  
where one hour  
of work  
will cost you  
three hours  
of celebration.”

## YEAR 2: TRUSTING THE CHAOS

**“Have the courage to do what you like without caring about people.”**

This year is messy—but beautiful.

**“You'll laugh, you'll mess up, you'll grow”**

**“Trust yourself and have trust in the process as well.”**

And somehow, amidst the chaos, you learn to trust not just the path—but your own footing on it.



## YEAR 3: THE CHAI BREAKS

The pace quickens. Responsibilities sneak in, and time suddenly feels borrowed. But you know your way around now.

Chai breaks with friends become sacred, because in between the pressure and the planning, you pause.

**“Welcome all the opportunities and hardships thrown towards you”**

And you begin to own your story, no matter how unpredictable.

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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