



CELEBRATING CENTENARY



STUDENT ALUMNI INTERACTION CELL, IIT (BHU), VARANASI

ALMA COMMUNIQUÉ

Alumni Newsletter (Jul '25)



Institute Updates



1. On 1 July 2025, IIT (BHU), Varanasi, warmly welcomed the Parliamentary Standing Committee at the Student Activity Center. Hon'ble Director Prof. Amit Patra, along with Registrar and all the Deans greeted the delegation with floral bouquets and uttariyas. Prof. Patra presented the Institute's key NEP-driven initiatives, including new academic programmes, advanced research, cutting-edge R&D, and strong placements. The committee also visited the Precision Engineering Hub to explore the Institute's innovation ecosystem. The visit concluded with mementos presented as a token of appreciation.



2. IIT (BHU), Varanasi signed an MoU with Hindalco Industries Limited on 9 July 2025 to launch a six-month research-based internship for M.Tech students at Hindalco's Renukoot plant, a key hub for aluminium production in the country. This collaboration bridges academia and industry, offering students hands-on experience in production, process control, and innovation projects. Aligned with national initiatives like 'Make in India' and 'Aatmanirbhar Bharat', the programme aims to enhance practical skills and drive industrial innovation.



3. On 14 July 2025, the Dev & Vardhana Goswami Lecture Hall Complex was formally inaugurated by Sh. Dev Goswami and Dr. Vardhana Goswami at IIT (BHU), Varanasi, following a generous \$1.6 million contribution from esteemed alumnus Sh. Dev Goswami (MEC '74). The inaugural function was graced by the presence of Prof. Amit Patra, Director, IIT (BHU), Varanasi and Prof. Hiralal Pramanik, Dean (Resource & Alumni). Designed to accommodate 1,850 students, the complex features smart classrooms and collaborative learning spaces. Prof. Amit Patra quoted that "This is not just a donation, it is a legacy. It will be a beacon of academic innovation and a living tribute to the spirit of giving back."



4. Diksharambh, the orientation programme for newly admitted B.Tech., B.Arch., M.Tech., and Ph.D. students, was held at Swatantrata Bhawan from 24 to 30 July 2025. Parents also interacted with Hon'ble Director Prof. Amit Patra and Institute authorities where they shared their expectations and appreciation. The week-long event featured sessions with Hon'ble Director and faculty, campus tours, along with introduction to the academic structure and the co-curricular activities offered at IIT (BHU). Designed to ease the transition into campus life, the programme aimed to help students begin their college journey with confidence, and curiosity.



5. IIT (BHU), Varanasi, and Northern Coalfields Limited (NCL), a subsidiary of Coal India Limited, have extended their Memorandum of Understanding until 24 November 2030. The partnership will strengthen joint efforts in research, innovation, and technology development in mining, clean energy, and sustainable logistics. Signed by Prof. Rajesh Kumar, Dean (R&D), IIT (BHU), and Shri Naveen Rai, General Manager (Mining), NCL in the gracious presence of Hon'ble Director Prof. Amit Patra, the extended MoU will continue to be coordinated by Prof. Sanjay Kumar Sharma and Shri Naveen Rai. The collaboration aims to establish a Center of Excellence, foster product commercialization, entrepreneurship, and develop sustainable coal technologies alongside digital innovations for a greener future.

Internship/Placement Updates

The Training and Placement Cell at IIT (BHU), with the consistent support of the student community, has commenced the placement process for the academic year 2025-26. As of 1 August 2025, a total of 31 Pre-Placement Offers (PPOs), and 161 internship offers have been secured. The highest internship stipend offered stood at Rs. 11,00,000 per month, while the average stipend was Rs. 2,80,340 per month. The highest PPO reached Rs. 90,00,000 per annum, with an average package of ₹32,23,000 per annum.

Research and Development

Between 1 July 2025 and 31 July 2025, a total of 10 patents were filed, and 7 patents were successfully granted. Progress in research continues to drive new developments. Additionally, 8 projects were officially sanctioned, with a cumulative funding amounting to Rs. 2,88,57,088.

Patents filed in July

Faculty	Department/School	Filing Date
Dr. Avanish Singh Parmar, Kaustabh Naik, Shikha Tripathi	Department of Physics	09/07/2025
Prof. Prabhakar Singh, Gargi Yadav	Department of Physics	09/07/2025
Prof. Ram Sharan Singh, Shivam Prateek Singh, Rajneesh Kumar, Yogesh Kumar Vishwakarma	Department of Chemical Engineering	10/07/2025
Dr. Vishal Mishra, Aman Aditya Mourya, Soniya Jain, Kanishka Sakunia, Prof. Abha Mishra, Sonam Mishra	School of Biochemical Engineering	11/07/2025
Prof. Sandip Ghosh, Dr. Chinmay K. A., Dhawal Duvvedi, Rajesh Kumar	Department of Electrical Engineering	12/07/2025
Dr. Vishal Mishra, Saurav Mishra, Prof. Abha Mishra	School of Biochemical Engineering	15/07/2025
Dr. Ashish Kumar Agrawal, Dr. Dinesh Kumar, Akshay Kumar Jha, Sanchit Arora, Rohan Chand Sahu, Rohit Patil	Department of Pharmaceutical Engineering & Technology	16/07/2025
Shruti Sajwan, Dr. Sunil Kumar Singh	Department of Physics	16/07/2025
Dr. Joy Prakash Misra, Dr. G. M. Karthik, Sanjeev K. G., Ashwarya Sheel Wali, Atul Kumar, Ashutosh Roushan, Rohit Ranjan	Department of Mechanical Engineering & Center of Excellence on Machine Tools Designs, IIT (BHU)	18/07/2025
Dr. Pradyut Dhar, Mr. Sanjay Kumar Sharma	School of Biochemical Engineering	18/07/2025

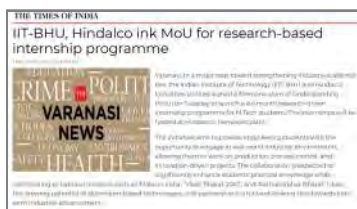
Patents granted in July

Title	Granting Date	Patent Number
A Nano-Formulation and a Method of Preparation Thereof	03/07/2025	568355
A Method for Preparation of Carbon Quantum Dots	08/07/2025	568488
A Hydrogel-Based Drug Delivery Vehicle and a Method of Preparation Thereof	11/07/2025	568609
A Method for Production of a Cellulosic Product from Agricultural Waste	11/07/2025	568616
A Bioactive Glass Nanocomposite and a Method of Preparation Thereof	14/07/2025	568627
A Method of Synthesizing 2D In-Situ Functionalized $\text{SO}_3\text{H}/\text{SO}_2\text{-MoS}_2$ Nanosheets for Photocatalytic Dye Degradation	21/07/2025	568879
A Bio-Inorganic Complex and a Method of Synthesis Thereof	22/07/2025	568915

Projects Sanctioned in July

Title of Project	Name of the Funding agency	Period of the Project Sanction	Total cost of Project in Rs.
IRS-Aided OTFS Framework for Integrated Terrestrial & Non-Terrestrial Networks for Seamless Connectivity	SPARC	02 years	43,92,000
Designing a Cybersecured LoRaWAN Framework - Enhancing Jamming Mitigation and Device Authentication	IHUB (IIT Kanpur)	02 years	17,47,640
Development of Laboratory Scale Process for Albumin Nanomedicine for Breast Cancer Therapy	NAVYA	02 years	36,92,098
Design & Development of Skin-Inspired Electronic Skin (E-Skin) for Tactile Feedback in Lower Limb Prosthetics	DBT	03 years	36,93,400
Coal Mine Overburden Alkali-Activated Composites (CMOAAAC) for Pre-Fabricated 3D Volumetric Construction Elements & System Thereof (3DVCEs)	CMPDI	02 years	62,88,000
Hindu Worldview vis-a-vis UNDP-SDGs in the Context of Fourth Industrial Revolution: A Study of VUCA-Coping Cultural Mechanisms of Hindus in Varanasi and the Netherlands	SPARC	02 years	74,04,000
Study of the Different Types, Grades, and Performance Parameters of Rubber Floor Tiles and Sheets Manufactured and/or Available in Indian Market (CED 0121)	BIS	04 months	9,43,750
Study on the Design, Construction, and Performance Requirements of Gravity Fire Sprinkler System for Old Buildings / Buildings in Congested Areas	BIS	06 months	6,99,000

Media Section



IIT (BHU) signed MoU with Hindalco Industries Limited



IIT (BHU) organized 'Diksharambh' for newly admitted students

Innovation

Ideation Innovation & Incubation Foundation (I-3F)



On 11 July 2025, at Krishi Bhawan, New Delhi, Shri Arindam Modak, Adviser (RKVY Division), reviewed the progress of R-ABI, IIT (BHU). Prof. Rajesh Kumar Upadhyay presented key achievements, while five incubated start-ups showcased their growth journeys. The R-ABI team also conducted due diligence visits to

Ghaziabad, Chandauli, and Pratapgarh to monitor on-ground progress.

Notable milestones included M/s Freshnic Agribusiness Pvt. Ltd. completing seed ball dropping via drone in inaccessible areas of Singrauli, and I-3 Foundation being chosen by the Singrauli district administration to execute the 'Ek Bagiya Maa ke Naam' project in Chitarangi Block, Madhya Pradesh.



Student Updates



Cultural Council played a key role in Diksharambh from 24 to 30 July 2025, warmly welcoming new students to campus life. In collaboration with the SCS and Students' Parliament, members coordinated sessions and hosted engaging stalls at Swatantrata Bhawan, introducing freshers to the wide range of cultural clubs. The

highlight was the 28 July stage showcase, featuring music, dance, theatre, and spoken word performances, also streamed live on online platform, offering an inspiring glimpse into IIT (BHU)'s vibrant cultural community.

E-Cell IIT (BHU) conducted startup bootcamps and ideation sessions aimed at supporting early-stage student entrepreneurs. The team focused on expanding its outreach by connecting with academic and industry professionals, while maintaining consistent engagement across relevant sectors. The cell

reactivated the YouTube channel with release of a campus entrepreneurship tour, and sharing of alumni stories. With the induction of the new batch, E-Cell set up informative stalls and launched the E-Freshers community to support incoming students interested in entrepreneurship.



The Games and Sports Council commenced its activities for the semester with the launch of the Summer Camp on 1 July 2025, which witnessed commendable participation from students. This was followed by the Council Orientation for freshers upon their entry, introducing students to the council's vision and activities, providing an overview of upcoming plans and opportunities for involvement. Regular practice sessions and recreational activities are now in motion, fostering an active and engaging campus environment.

The **Student Counselling Services (SCS)** played a key role in Induction 2025 by guiding 1,579 first-year undergraduates through its flagship Induction Mentorship Program (IMP) with over 250 mentors and programme managers. The SCS also organized the induction programme for PG and PhD entrants, starting with a video screening, *Deep Prajwalan*, *Malyarpan*, Veda chanting, and *Kulgeet*. Hon'ble Director, Prof. Amit Patra, and other dignitaries addressed the gathering, followed by an introduction to the Institute's counselling and support services. The event concluded with the National Anthem, formally commencing the academic journey for the batch.



The **Social Service Council** recently held its Freshers' Induction Program to welcome the new batch into campus service activities. Presentations by Kashi Utkarsh, Sahyog Club, Social Projects Club, Health and Hygiene Club, and the annual fest Jagriti introduced freshers to the Council's mission. Interactive stalls allowed students to connect with club members and explore opportunities to contribute, reflecting the council's spirit of compassion and social impact from day one.

Student Achievements

A research scholar in the Department of Humanistic Studies at IIT (BHU), Akash Kumar Srivastava, participated in the 10th World Archaeological Congress held in Australia from 22 to 28 June 2025. He co-convoked a session on 'Food Systems through the Ages: Innovation, Material Culture and Foodways Tradition' and presented two research papers and a poster. Also, he was one of the 70 global participants to receive full travel support, highlighting the recognition of his work in archaeology at IIT (BHU), Varanasi.

Faculty Achievements

Dr. Samya Banerjee, Assistant Professor, Department of Chemistry, IIT (BHU), Varanasi, has been awarded the Asian Chemical Editorial Society (ACES)-Chemical Research Society of India (CRSI) Early Career Award 2025 for his outstanding independent research. This is a highly prestigious award for the Indian Chemical Science Community (below 40 years). ACES-CRSI provides this award to only one Indian researcher every year.



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.



Faculty Updates



On 29 July 2025, His Excellency Sh. Manish Prabhat, Ambassador of India to Denmark, visited the Smart Laboratory on Clean Rivers (SLCR) at IIT (BHU). He was welcomed by Dr. Shishir Gaur, SLCR project investigators, and faculty members, and project staff of SLCR. He was briefed on SLCR's initiatives in river rejuvenation and environmental sustainability. Commending the team's efforts, he emphasized the India-Denmark Green Strategic Partnership for co-developing scalable, sustainable solutions. He also interacted with SLCR staff and motivated students at the Department of Civil Engineering.

Alumni Updates

Student Alumni Interaction Cell

SAIC, under its Alumni Guided Mock Interviews initiative, nearing its completion after seeing 100+ alumni registrations and benefitting 400+ students, conducted a session of offline mock interviews taken by Mr. Bhavtosh Pandey (CHE '09), Chief Manager at GAIL India Ltd.



And the cell completed the Connect and Learn: Summer Edition, fostering students and alumni into meaningful connections, with meetups in Delhi, Chennai, and Jaipur. Under the 'Alumni Visiting Faculty' initiative, 2 courses have commenced this semester, with 3 alumni joining as the faculty, and around 500 students have registered for the courses.

IIT (BHU) Foundation

Sh. Nikesh Arora (EEE '89) in partnership with Palo Alto Networks funded 113 full and partial scholarships this year through their Access Fund of 2 million USD donated previously. Established in 2021, the fund continues to support students from underserved backgrounds. Incoming students are encouraged to explore available scholarship opportunities made possible by alumni support at <https://www.iitbhufoundation.org/scholarship>.



Sh. Dev Goswami (MEC '74), Executive Chairman of IPS LLC, has contributed \$1.6 million to establish the Dev and Vardhana Goswami Lecture Hall Complex, an academic facility designed to serve over 1,850 students. Focused on collaboration, accessibility, and innovation, the complex is set to significantly upscale the student learning experience. This landmark donation propels total donations to the IIT (BHU) Foundation beyond \$10 million, exemplifying the enduring alumni support.

DIKSHARAMBH 2025



IIT (BHU), Varanasi recently hosted Diksharambh 2025, its annual Orientation and Induction Programme, welcoming the newest members of its academic family — undergraduate, postgraduate, and doctoral students. Spanning a week at Swatantrata Bhawan, the event combined inspiration, guidance, and cultural immersion to help freshers embark on their IIT (BHU) journey with confidence.

The programme opened on Day 1, with a warm welcome from Prof. Amit Patra, Director of IIT (BHU), Varanasi, who encouraged students to aim for academic excellence while contributing to society through leadership and service. Parents also had the chance to interact directly with the Hon'ble Director and institute authorities, sharing their expectations and appreciation. Distinguished faculty members reassured students of the institute's unwavering support, setting a positive tone for the week ahead.

Day 2 was dedicated to 1,579 newly admitted undergraduate students, featuring sessions by academic leaders and deans. Students received insights into academic expectations, hostel life, research and development opportunities, information regarding alumni community's impact, and mental well-being. This day laid the foundation for their upcoming years, encouraging them to embrace both academic rigor and campus life.

Day 3 was dedicated to welcoming M.Tech. and Ph.D. scholars. The morning began with a refreshing walk from the Gymkhana Ground, offering newcomers a vibrant introduction to campus life. This was followed by departmental visits, lab tours, and faculty interactions to help students get familiar with the institute's academic ecosystem. The formal session included *Deep Prajvalan*, *Veda Chanting*, and the *Kulgeet*, followed by addresses from the Hon'ble Director, all Deans, Chairman CoW, Chief Proctor, and Heads of major facilities like CIF and CCIS. Mental health and well-being sessions by Dr. Laxman Yadav and Ms. Soumya Srivastava encouraged students to maintain emotional readiness. The day concluded with a lecture on the heritage of BHU and Varanasi, instilling pride and a sense of belonging in the new entrants.

Day 5 showcased IIT (BHU)'s vibrant student ecosystem. Freshers met representatives from the Students' Parliament, Film & Media Council, Cultural Council, Social Service Council, and SCS – SAKHA. Through energetic presentations, they learned how these bodies enrich campus life and amplify student voices.

On Day 6, the focus shifted towards growth, leadership, and professional opportunities. Freshers were introduced to the Training and Placement Cell, Public Relations Cell, Research Cell, Student Alumni Interaction Cell, and E-Cell, offering a glimpse into avenues for innovation, entrepreneurship, and career development. The day concluded with High Tea, the National Anthem, and a Display of Stalls showcasing student-led initiatives and opportunities.

Day 7 of the Fresher's Induction began with a campus visit, followed by a feedback session. The evening featured a formal dinner with the Deans, faculty, and officials, and concluding with a hostel dinner of in freshers' hostels, GMSC for Girls, and PC Ray Hostel for Boys.

From cultural immersion to academic preparedness, Diksharambh 2025 ensured that every fresher — whether undergraduate, postgraduate, or doctoral — began their IIT (BHU) journey with awareness, connection, and confidence. The week's events were a testament to the institute's commitment to nurturing holistic growth alongside academic excellence.

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 alumnice11@iitbhu.ac.in.

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