



CELEBRATING CENTENARY



STUDENT ALUMNI INTERACTION CELL, IIT (BHU), VARANASI

ALMA COMMUNIQUÉ

Alumni Newsletter (Sep '25)



Institute Updates



1. IIT (BHU), Varanasi, observed 'National Teachers' Day' as 'Research and Innovation Day,' highlighting faculty contributions to research and teaching excellence. Four faculty members received Best Teacher Awards in different categories. Since 2014, IIT (BHU) has filed 493 patents, of which 410 were published, 243 granted and 12 technologies commercialized. The event also launched the JIC Startup Seed Grant Award, showcasing around 100 research papers and honoring faculty patent recipients.



2. Commemorating 'Research and Innovation Day 2025' on 5 September 2025, in the gracious presence of the Hon'ble Director Prof. Amit Patra, an MoU was signed between UPSIDA and IIT (BHU), Varanasi, by Mr. Mayur Maheshwari, CEO of UPSIDA and Prof. Rajesh Kumar, Dean of (Research and Development), aimed at transferring IIT innovations to industry and entrepreneurs statewide. Addressing the event, Dr. G Satish Reddy, former DRDO Chairman highlighted the success of indigenous technologies in 'Operation Sindoor,' while BHU Vice-Chancellor Prof. Ajit Kumar Chaturvedi praised the rise in patents and emphasized BHU-(IIT) collaboration in research.



3. On 18 September 2025, National Cheng Kung University, Taiwan, and IIT (BHU), Varanasi, signed an MoU to promote academia-industry collaboration. The partnership, formalized by Prof. Amit Patra and Prof. Yan-Kuin Su, will focus on areas such as IC Design, Semiconductor Manufacturing Technology, Semiconductor Materials, Packaging and Testing, and Smart and Sustainable Manufacturing. Following the signing, an interactive session titled 'Interactive Dialogue on Next-Gen Semiconductor Innovation: AISSM @ NCKU Taiwan' was held, showcasing opportunities for global collaboration in semiconductor technology.



4. Admiral Mr. Dinesh K. Tripathi, the Chief of Naval Staff, visited IIT (BHU), Varanasi, on 18 September 2025, where he interacted with Hon'ble Director Prof. Amit Patra, followed by an inspiring address at ABLT-4. He applauded India's maritime strength, calling the Blue Economy a 'second IT sector in the making'. Highlighting the Navy's vital role in national security, he urged students to lead innovations in AI, robotics, and cybersecurity, embodying integrity, courage, and service to contribute to India's vision of *Viksit Bharat@2047*.



5. Defence research from IIT (BHU), Varanasi, achieved a historic milestone by securing recognition and funding from the Army, Navy, and Air Force at the Tri Services Academia Technology Symposium in New Delhi. Union Education Minister Shri. Dharmendra Pradhan called this partnership a key to India's tech self-reliance. The project demonstrates commitment to AI-driven, future-ready technologies, upholding the ethos: '*Vivek evam Anusandhan se Vijay*'.

IIT (BHU) Trip to USA

A team from IIT (BHU), Varanasi, led by the Hon'ble Director comprising the Dean (Resource & Alumni) and two faculty members, had visited USA in the month of September to meet alumni at several places, and explore collaboration with leading Universities. Watch out for the detailed story in the next issue of the newsletter.

Internship/Placement Updates

The Training and Placement Cell at IIT (BHU), Varanasi, along with students, continues to successfully facilitate the placement process for the academic year 2025-26. As of 3 October 2025, a total of 236 Pre-Placement Offers and 401 Internship Offers have been secured, reflecting strong industry engagement. The highest internship stipend reached Rs. 11,00,000 per month, with the average stipend standing at Rs. 1,21,955 per month. The highest offered PPO stood at Rs. 1,49,12,000, with the average package attaining Rs. 37,13,452 per annum.

The top internship recruiters included Google, Microsoft, Uber, Goldman Sachs, JPMC, Nvidia, Texas Instruments, Salesforce, Rubrik, APT Portfolio, Adobe, Oracle, Flipkart, Nutanix, Cisco, DE Shaw, ICICI, Godrej, ThoughtSpot, HUL, Cohesity, and more. PPOs were extended by leading firms- Rubrik, Graviton, OLA Electric, Devrev, Qualcomm, GoldmanSachs (Quant), Goldman Sachs (CS), Nirvana, Nvidia, Salesforce, Oracle, DataBricks, American Express, JLR TBSI, BAJAJ, Zepto (DS+SDE), Zepto (BA), Pernod Richard, Siemens EDA, BNY Mellon, SRIN, Texas Instruments, SRIB (Advance Developer), SRIB, and others.

Research and Development

IIT (BHU), Varanasi made remarkable leaps in Research and experimentation. Between 1 September 2025 and 30 September 2025, a total of 14 patents were filed, and 2 patents were successfully granted.

Patents filed in September

Faculty	Department/School	Filing Date
Dr. Vinod Tiwari, Prof. Brahmeshwar Mishra, Deepak Chouhan, Darshila Jain, Anurag Kumar Singh, Abhishek Jha, Rohan Dattatray Londhe	Department of Pharmaceutical Engineering & Technology	01/09/2025
Dr. Bratindranath Mukherjee, Dr. Ashish Agrawal	Department of Metallurgical Engineering & FDS IMS BHU	NA
Dr. Prasenjit Chansak, Nuthan Chingetham, Kollimarla Venkata Sai Ansuri, Utkarsha Ramesh Kusanake, Vedant Pande	Department of Computer Science & Engineering	03/09/2025
Dr. Pranjal Chandra, Daphika S. Dikhar, Arvind Mohan Kayastha, Prince Kumar	School of Biochemical Engineering	10/09/2025
Dr. Ajay Pratap, Himanshu Singh	Department of Computer Science & Engineering	10/09/2025
Prof. Rajeev Kumar Singh, Sudeep Kumar Mohaney, Ankit Kumar Pratihasta	Department of Electrical Engineering	11/09/2025
Dr. Srihari Dodla, Om Swastik Pandey, Abhinaba Chatterjee, Ravi Raj	Department of Mechanical Engineering	12/09/2025
Dr. Sudip Mukherjee, Dr. Pragya Pallavi, Snehasish Mandal	School of Biochemical Engineering	19/09/2025
Sujit Yuvraj Pimple, Prof. Manoj Kumar Mondal	Department of Chemical Engineering	25/09/2025
Dr. Samya Banerjee, Rajesh Kushwaha	Department of Chemistry	26/09/2025
Dr. Preetam Singh, Abhijeet Kumar Singh	Department of Ceramic Engineering	26/09/2025
Dr. Pandeeswar Makam, Subrat Vishwakarma	Department of Chemistry	27/09/2025
Dr. Sudip Mukherjee, Dr. Bhola Nath Pal, Debnyani Chakraborty, Sobhan Hazra	School of Biomedical Engineering	29/09/2025
Dr. Santanu Das, Ummyia Qamar	Department of Ceramic Engineering	29/09/2025

Patents granted in September

Title	Faculty	Patent Number
Composition and Method for Synthesis of Strontium Hexaferrite Based Non-Rare Earth Magnets	Dr. P.K. Roy, Akansha Gupta	571089
A Nanoparticle-Based Herbal Composition and a Method of Preparation Thereof	Ravi Pratap, Saurabh Kumar Srivastava, Dr. Aravish Singh Parmar	571100

Progress in research continues to drive advancements across various domains. Additionally, five projects have been officially sanctioned, with a cumulative funding of Rs. 2,24,18,464, promising the establishment of better standards.

Projects Sanctioned in September

Title of Project	Name of Funding agency	Period of the Project Sanction	Total cost of Project in Rs.
Development of Catalytic Structured Reactors for Oxidative Coupling of Methane Reaction	SERB	03 years	59,64,480
Handheld and Site Deployable Device for Uranium Detection Using Nanoengineered Chip	BRNS	03 years	34,50,250
Development of Damage Assessment Criteria for Dimensional Stones	SKG	02 years	10,05,360
Exploiting the Potential of Microbial Metabolites of Marine Origin for Inhibitory Activity Against Mycobacterium Tuberculosis	MoES	02 years	63,95,600
Development of BaTiO ₃ in Glycerin Nanofluid as a Dielectric Fluid in High-Voltage Capacitors: Two-Phase Approach – Phase I: Fundamental Study and Proof-of-Concept; Phase II: Scale-Up and Large-Scale Application	DRDO	03 years	56,02,774

Media Section



IIT (BHU) celebrated Teachers' Day



IIT (BHU) secured 10th position in NIRF ranking

Innovation

Ideation Innovation & Incubation Foundation (I-3F)



The RKVY-RAFTAAR Agri Business Incubator (R-ABI), IIT (BHU), Varanasi, successfully conducted the Agripreneurship Orientation Program (AOP) – Cohort 8 in hybrid mode, engaging over 70 startups, from 18 August to 20 September 2025. The program concluded with insightful offline sessions and a valedictory

ceremony graced by Prof. Anil Kumar Chauhan, Head, Department of Dairy Science & Food Technology, (IAS), BHU, and Prof. Rajnesh Tyagi, Principal Investigator, R-ABI, IIT (BHU), Varanasi. Select startups also showcased their innovations at the World Food India Expo 2025 held at Bharat Mandapam, New Delhi, which was organised from 25-28 September 2025.

Student Updates

E-Cell IIT (BHU) successfully conducted Techstars Startup Weekend Varanasi from 12 to 14 September which brought together over 200 participants who developed startup ideas under the guidance of 20+ mentors and presented their pitches before industry experts and investors. Additionally, E-Cell

launched the 'Build With Us' program for early-stage entrepreneurs who lack market knowledge. The cell also hosted sessions on AI-driven prototyping and Web3 startups, along with The TRIZ Way session led by Dr. Sandeep Wankhade, equipping participants with structured problem-solving techniques.



At the Social Service Council, the Sahyog Club organized a Sports Day on 13 September 2025 across the government schools of Tikari, Adityanagar, and Sundarpur. The event witnessed participation from nearly 60 volunteers, fostering teamwork and sportsmanship among the children. Additionally, the Disha

Mentorship Program concluded successfully, providing valuable guidance to rural school students. Furthermore, the Kashi Utkarsh Club conducted an engaging session on the Phases of the Moon, helping children connect everyday observations with science.

At the Student Counselling Services, the Wellness Council conducted a Heritage Walk celebrating Varanasi's cultural legacy, along with engaging activities for Teachers' Day and World Gratitude Day. The Academics Council organized 'Acing Midsems', focusing on preparation strategies and stress management, as well as remedial classes. The Skill Development Council relaunched 'SpeakUp!', its group discussion series and held a session. The Career Council conducted 'Acing Placements', an interactive Q&A with recent graduates with the final-year students, to aid with the preparation for placements.



Institute Events

'Ek Ped Guru ke Naam' Campaign



On Teacher's Day, IIT (BHU), Varanasi participated in the campaign 'Ek Ped Guru Ke Naam' with the plantation of 6,000 saplings at its Chemical Engineering department. The plantation drive was inaugurated by Hon'ble Director Prof. Amit Patra, Dr. G. Satheesh Reddy, former Chairman, DRDO and Scientific Advisor to the Defence Minister, Mr. Mayur Maheshwari, CEO, Uttar Pradesh State Industrial Development Authority (UPSIDC), and Mr. Ravi Kumar Singh, Chief Forest Conservator, Varanasi region. Collectively, their words underscored the harmony between nurturing nature, values, and the *Guru-Shishya* tradition.

Swachhata Hi Seva Campaign

On 17 September 2025, IIT (BHU), Varanasi, organized a large-scale cleanliness drive under the *Swachhata Hi Seva* campaign. Faculty, staff, and students of Institute came together to take the Swachhata Pledge, reaffirming our commitment to cleanliness, sustainability, and a brighter future. As a part of the nationwide campaign, IIT (BHU) initiated various activities including campus cleaning drives, in which faculty members, staff, and students actively participated in cleaning the Institute premises, departments, hostels, and laboratories a series of interactive sessions and awareness activities to engage the community, to spread awareness on sustainable practices, promote collective responsibility and build a cleaner, greener and healthier future.



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.



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.



Alumni Updates

Student Alumni Interaction Cell



Student Alumni Interaction Cell, in the month of September, saw a profound impact through the 'Alumni Visiting Faculty' initiative. Mr. Arun Anant (CHE '85), during his visit to the Institute, hosted a guest lecture with Mr. Kameswara Rao (MEC '88), Partner, PwC, blending academic knowledge with industry experience.

Furthermore, the cell proudly announces the successful orchestration of the inaugural edition of Confluentia, an industry connect event, and a platform where industry meets academia. For a closer look at the event's magic, head over to the Creative Section!

Alumni-Guided Mock Interviews

SAIC is back with the placement drive of the Alumni-Guided Mock Interviews initiative to aid students sail through this placement 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

IIT (BHU) Foundation

The IIT (BHU) Foundation continues to support innovation and student entrepreneurship through the M. Ramakrishnan & Malini Entrepreneurship Fund. In collaboration with the Joint Innovation & Incubation Centre (JIC), two startups, TRINETRA, led by Mr. Yash Abhinav Mishra (CIV '26) with advisor Dr. Anshuman Sharma, developing an AI-based driver assistance system, and Textr AI, led by Mr. Kulraj Singh Sabharwal (CHE '26), building a data-driven SEO platform, received Rs. 5,00,000 each along with mentorship. The Foundation also fostered global alumni relations through alumni meetings with the Hon'ble Director Prof. Amit Patra and Prof. Hiralal Pramanik, Dean (Resource & Alumni) in the Bay Area and a joint event with IBGAA. Scholarship applications for the incoming Class of 2025 are currently open, drawing strong interest from prospective students.

CONFLUENTIA '25

What's Confluentia?

In this world of never-ending change and pursuit of sophistication, opportunities and knowledge within the industry are not well understood. To bridge the gap and cultivate awareness, there arose a need for a platform where young minds could be inspired and enlightened by those who have already attained distinction—our esteemed alumni. Thus, Confluentia was envisioned as an altar, where industry meet academia to bring seminal solutions together, building a future of shared progress. Organised by the Student Alumni Interaction Cell, IIT (BHU), Varanasi in collaboration with AASSII (Alumni Association of IIT (BHU), Varanasi), aimed to acknowledge the aim through informative sessions, and hands-on experience through hackathons and workshops, and networking opportunities.

The inaugural ceremony was graced by Mr. LC Singh, Founder and Executive Director, Nihilent as the chief guest, along with the Hon'ble Director of IIT (BHU), Varanasi Prof. Amit Patra, Dean of Resource & Alumni, Prof. Hiralal Pramanik, Prof. Ramji Agrawal (President, BAA), Mr. Nitin Malhotra (President, AASSII), Mr. Sanjeev Nikore (Chairperson, Confluentia '25), Mr. Prakhar Agrawal (Convener, Confluentia '25).

Addressing the session, Mr. LC Singh emphasized upon the objective and action of the event. Expressing his views, Hon'ble Director Prof. Amit Patra remarked upon the strength of the connections established through such events. Additionally, Prof. Hiralal Pramanik, Dean (Resource & Alumni) elaborated upon the initiatives students can take benefit of, for a richer experience.



Furthermore, celebrating the ten year landmark of Banaras Alumni Association, the Hon'ble Director released a souvenir to commemorate the journey of the Association with the Institute, after which Prof. Ramji Agrawal, the President of BAA addressed the audience, commemorating the moment with the dignitaries on stage and the whole editorial board of the souvenir.

HACKATHONS & WORKSHOPS

A fast-paced 24-hour Hackathon powered by Tredence Inc. was held, which brought together 150+ student teams and produced more than 55+ innovative submissions, with industry mentors working alongside students to solve real-world problem statements of Tredence, Zingle AI, Grovio AI, GoodMeetings, and FOXO. The hackathon's practical outcomes included promising pilots, stronger portfolios, and opportunities for internships, and future scope for collaborations and contributions.



The event also featured two highly informative and interactive workshops. The first workshop, a hands-on session titled 'From Silicon to AI: Engineering the Future' conducted by Mr. Girish Kumar Gupta (ECE '00), Director of Software Engineering at Cisco, and Ms. Laxmi Mukund, Principal Engineer at Cisco who provided insights on embedded product journey and MCP in next-gen AI. The second, titled 'Autonomous Robotics and AI Deep Dive' led by Mr. Saurabh Chandra (MEC '01), CEO at Ati Motors, explored the future of smart robots and Agentic AI.

Panel Discussions & Mentorship

Confluentia 2025 also presented a pair of notable panel discussions on leading subjects. The AI/ML Panel brought together a distinguished group of speakers, including Mr. Dhiraj Daga (PHY '17), Lead Computer Vision Engineer at Allen Digital, Mr. Saurabh Chandra (MEC '01), CEO at Ati Motors and Mr. Shubham Jain, Head of Data at FairMoney. Similarly, the Innovation Panel was an engaging session with Mr. Madhu Madhanan, CTO at Citius Tech, Mr. Rahul Raj (MET '08), Co-Founder, INVERTED, and Dr. Tapash Nandy, Scientist at DRDO, offering deep insights into technological breakthroughs and utilisation upon erudition.



Following the official sessions, Confluentia hosted a Mentorship Lunch that connected over 100 students with more than 10 distinguished alumni from reputed companies. This initiative allowed students to gain valuable insights across various domains including SDE, AI/ML, DA/DS, Product, Consulting, and Core industries. Furthermore, day 1 ended with a insightful Networking Dinner with esteemed speakers, distinguished alumni, top students and industry leaders. The event concluded with a vibrant cultural program which featured a variety of musical pieces performed by our talented alumni Mr. Anil Tewari and Mr. Ajoy Singh, providing a memorable and entertaining end to the two-day event.

The keynotes sessions at Confluentia '25 brought together visionary leaders who shared their expertise across technology, innovation, and leadership. On Day 1, Mr. L.C. Singh opened with reflections on digital transformation through human-centered design. Mr. Vishwanathan Iyer (CSE '92), President, APJ Service Provider, Cisco, highlighted the evolution of global connectivity, while Mr. Abhinav Chaturvedi (EEE '01), Partner, Deloitte, emphasized the growing power of data-driven decision-making in business strategy.

Day 2 featured an inspiring lineup including Mr. Raj Yavatkar (ECE '80), CTO, Juniper Networks) on next-gen network technologies and Mr. Shub Bhowmick (CHE '96), CEO, Tredence on the potential of AI-driven analytics. Mr. Deepak Pahwa (EEE '69), MD, Bry-Air, Mr. Ashutosh Gupta (CHE '97), MD, Coursera (Asia-Pacific), and Mr. Kameswara Rao (MEC '88), Partner, PwC, offered unique insights spanning sustainability, education, and innovation strategy.



The Team of Confluentia '25 would like to extend heartfelt thanks to Hon'ble Director Prof. Amit Patra, Prof. Hiralal Pramanik, Dean (Resource & Alumni), and the alumni members whose guidance, enthusiasm, were instrumental in bringing the inaugural edition to life. Your passion for fostering connections between students and industry professionals, along with your generous sharing of time and expertise, truly made a lasting impact on everyone involved. It was your dedication behind, that transformed our vision into reality, inspiring and setting a strong foundation for the future. We deeply appreciate and look forward to your continued involvement in nurturing this growing legacy.



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 alumnicecell@iitbhu.ac.in.

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