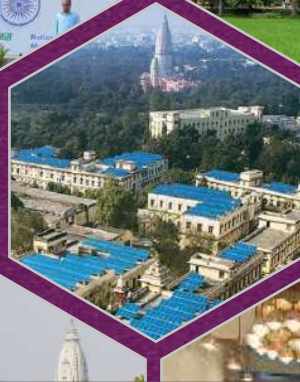


ALMA COMMUNIQUÉ

Alumni Newsletter (May '26)



Institute Updates



1. IIT (BHU), Varanasi, has achieved notable global recognition with nine of its faculty members being featured in the prestigious Research.com World's Best Scientists Rankings 2026. Representing disciplines such as Mechanical and Aerospace Engineering, Electronics and Electrical Engineering, Materials Science, Environmental Sciences, Engineering and Technology, and Chemistry, the faculty members have been acknowledged for their impactful and pioneering research contributions. Based on internationally recognized indicators, including the H-index and Discipline H-index (D-index), the rankings reflect the quality and influence of scientific research and further highlight the Institute's growing presence in the global academic and research landscape.



2. The Department of Physics at IIT (BHU), Varanasi, in collaboration with the SPIE and Optica Student Chapters, celebrated the International Day of Light 2026 on 16 May. The event brought together students from IIT (BHU) and neighboring institutions for expert talks, laboratory visits, interactive discussions, and live demonstrations on optics and photonics. Participants also explored career opportunities in light-based technologies and engaged with researchers through hands-on learning experiences. The celebration concluded with a quiz competition, promoting scientific awareness and enthusiasm for optics among young learners. The event also encouraged greater interaction between students, researchers, and faculty.



3. A high-level delegation from the Ministry of Road Transport and Highways (MoRTH), Government of India, led by Director General (Road Development) and Special Secretary, MoRTH, Shri Vinay Kumar Rajawat, visited IIT (BHU), Varanasi, to review transportation research initiatives. During the visit, the Institute signed an MoU with the Bitumen Forum in the gracious presence of Hon'ble Director, Prof. Amit Patra. The delegation also visited advanced transportation laboratories, discussing opportunities for collaborative research, technical training, and support for national infrastructure initiatives such as *Bharatmala Pariyojana* and *PM Gati Shakti*.



4. The Department of Mining Engineering, IIT (BHU), Varanasi, in association with the Directorate General of Mines Safety (DGMS), successfully organized a Two Day National Workshop on "Current Problems & Constraints in the Mining Industries" on 29 to 30 May 2026. The workshop brought together stakeholders from industry, academia, and regulatory bodies to discuss key challenges and emerging opportunities in the mining sector, with technical sessions focusing on mine safety, regulatory compliance, technological advancements, sustainability, and future industry trends. A major highlight of the event was the launch of the Mining Challenges Submission Portal, aimed at promoting collaborative problem-solving, innovation, and stronger industry-academia partnerships.

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 2025–26. As of 3 June 2026, a total of 1332 placement offers (including PPOs) and 480 internship offers have been secured, reflecting strong industry participation.

The highest internship stipend reached Rs. 11,00,000 per month, while the average stipend stood at Rs. 1,18,783 per month. The highest salary package offered was Rs. 1,67,00,000 per annum, with the average package being Rs. 29,82,133 per annum.

Offers were received from reputed companies like Google, Microsoft, Amazon, Goldman Sachs, Uber, Oracle, JPMC, Nvidia, Databricks, Rubrik, Texas Instruments, Adobe, Deutsche Bank, Wells Fargo, Cisco, Flipkart, Mastercard, American Express, Salesforce, Nutanix, Atlassian, Meesho, Visa, PhonePe, Dream11, Myntra, Zomato, Qualcomm, Intel, Applied Materials, Siemens EDA, Pernod Ricard, AB InBev, Tata Steel, Reliance Industries, Larsen & Toubro, Vedanta, Skyroot Aerospace, Caterpillar, Samsung, Deloitte, Publicis Sapient, and many others, highlighting the Institute's strong industry connect and academic excellence.

Research and Development

With its ongoing R&D initiatives, IIT (BHU) continues to play a pivotal role in contributing to the global research landscape. During May 2026, a total of 19 patents were filed, while 15 patents were successfully granted, reflecting the institute's commitment to innovation and technological advancement.

Patents filed in May

Title	Faculty	Filing Date
System And Method For Multi-Channel Real-Time Inertial Data Acquisition And Analysis Using Sensors	Prof. Samim Mustafa, Mr. Abhishek Kumar Srivastava	07/05/2026
An Intelligent System For Electroencephalogram Based Multi-Neurological Disorder Classification	Prof. Rajeev Srivastava, Shradha Jain	11/05/2026
A Facile And Zero Chemical Method Of Preparation Of A Nanocatalyst	Bhawna Verma, Neha Srivastava	15/05/2026
Stability-Based System And Method For Frequency–Severity Decomposed Covariate Prioritization In Non-Stationary Extreme Value Analysis	Dr. Kamlesh Kumar Pandey, Mr. Shubham Dixit	21/05/2026
A Method For Preparation Of A 3D-Printable Composite Ink And An Electrode Fabrication Thereof	Dr. Pawan Sharma, Rajat Kumar Dixit, Hrishikesh Pandey	22/05/2026
A Transformerless Grid-Connected Hybrid Power Converter System	Prof. Rajeev Kumar Singh, Mr. Rajat Kumar Kashari	23/05/2026
A Dynamic Boosting Transformer-Less Common-Ground Switched-Capacitor Five-Level Inverter System	Dr. Navoon Yalla, Kartikay Bhardvaj	25/05/2026
A Colloidal Suspension For Additive Manufacturing And A Method Of Preparation Thereof	Prof. Santosh Kumar, Govind Kumar Verma	25/05/2026
A Single-Stage Single-Phase Three-Level Isolated Ac-Dc Converter	Dr. Naveen Yalla, Harishwar Prasad	25/05/2026
An Artificial Intelligence (AI)-Assisted Mining Regulatory Intelligence System	Dr. Satyabrata Behera, M. Gokulam	25/05/2026
A Nanoparticle Based Ferrofluid And A Method Of Synthesis Thereof	Prof. Chandana Rath, Aiswarya Bastia	29/05/2026
A Method Of Preparation Of A Metal Matrix Hybrid And A Product Thereof	Prof. Manas Ranjan Majhi, Dr. Manish Kumar, Dr. Manvendra Kumar Singh	29/05/2026
A Method Of Preparation Of A Bio-Composite	Dr. Abhishek S. Dhole, Harisharan Sridhar	30/05/2026
System And Method For Multi-Channel Real-Time Inertial Data Acquisition And Analysis Using Sensors	Prof. Samim Mustafa, Mr. Abhishek Kumar Srivastava	07-05-2026
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A Method For Preparation Of A 3D-Printable Composite Ink And An Electrode Fabrication Thereof	Dr. Pawan Sharma, Rajat Kumar Dixit, Hrishikesh Pandey	22/05/2026
Ordered Bimetallic Nanocrystals And Their Use As Catalysts For Large-Area Growth Of Two-Dimensional Molybdenum Disulfide Films	Dr. Santanu Das, Sumit Pratap Singh, Sonu Sharma	29/04/2026

Patents granted in May

Title	Faculty	Patent Number
Novel Coprocessing Methodology for Improving Properties of Active Pharmaceutical Ingredient	Dr. Dinesh Kumar, Madhu Kiran D R, Maan Singh, Dr. Ashish Kumar Agrawal	583205
An Artificial Intelligence Based Internet of Things (AIoT) Enabled Fire Management System	Dr. Presentjit Chanak, Ms. Archana Ojha	583271
A Pulse Based DC Link Photovoltaic-Grid Connected Power Converter	Dr. Vivek Nandan Lal, Prof. Rajeev Kumar Singh, Aman Kumar	583372
A Dual-Ion Electrochemical Device and a Method of Fabrication Thereof	Dr. Preetam Singh, Mr. Krishna Gopal Nigam, Mr. Satyendra Kumar Tiwari, Mr. Abhijeet Kumar Singh	583585
A Device for Robust Interferometry for Phase Contrast Imaging	Dr. Rakesh Kumar Singh, Prateek Agrawal	583620
Blinder-Free Polypropylene Separator, Lithium Metal Battery and a Method of Fabricating the Separator Thereof	Dr. Rosy, Ankush Kumar Singh	583665
Pharmaceutical Composition of Folic Acid Conjugated Docetaxel/Erlotinib-Loaded Solid Lipid Nanoparticles	Dr. Ashish Kumar Agrawal, Aiswarya Chaudhari	583713
A Method of Preparing a 3D Printing Metallic Ink and a Product Thereof	Prof. Rajesh Tyagi, Dr. Pawan Sharma, Mr. Vivek Mani Tripathi	583966
Five-Level Dual Output Hybrid Active Neutral Point Clamped Converter System and a Method Thereof	Prof. Sandip Ghosh, Dr. Chinamay K A, Dhawal Dwivedi, Rajesh Kumar	583972
A Composition for Orthodontic Bonding and a Method of Preparation Thereof	Dr. Chandan Upadhyay, Prof. Ajit Parihar, Dr. Aya K. Das	589103
A Method of Preparation of a Plurality of Magnetic Nanoparticles	Dr. Nand Kishore Prasad, Shiksha Tiwari, Chinmaya Mohapatra, Deepak K.	589107
A System for Handwritten Character Recognition	Dr. Amrita Chaturvedi, Mr. Shashank Kumar Singh	589620
An Optical Fiber Cable Coloring Machine	Dr. Debashis Khan, Dr. Ashwarya Shed Wali, Prof. Sandeep Kumar	589866
A Bioinert Ceramic, a Hydrogel Containing the Same, and Methods of Preparing the Same Highly Catalytic and Conductive Non-Enzymatic Electrochemical Sensor and Method of Fabrication Thereof	Dr. Sudip Mukherjee, Durba Banerjee, Bhola Nath Pal, Akhilesh Yadav Pranjal Chandra, Ratul Paul, Rohini Kumari	590523 590729

Projects sanctioned in May

Title of Project	Name of Funding agency	Period of the Project Sanction	Total cost of Project in Rs.
Motivic invariants and geometry of certain moduli spaces of decorated bundles over a projective variety	ANRF	05 years	30,00,000
Normalized solutions of Elliptic equations	ANRF	05 years	30,00,000
Isogeometric Finite Element Method for Partial Differential Equations with Singularities	ANRF	05 years	30,00,000
Nonlocal Quantum Realms: Logarithmic Scalar field Equations	ANRF	05 years	30,00,000
Effect of Interfacial Intermixing on Spin-Orbit Torque in Quantum Interfaces	DST	03 years	49,42,032
Integration of metabolic engineering and bioprocess strategies for enhanced succinic acid production in Komagatella phaffii	ANRF	03 years	69,19,680

Additionally, 6 projects were officially sanctioned during this period, with cumulative funding amounting to Rs. 2,38,61,712. These achievements highlight the institute's steady progress in fostering impactful research, innovation, and development across diverse domains.

Media Section



IIT-BHU's MoU with Bitumen Forum to boost highway research



IIT (BHU)'s Precision Engineering Hub helps Shape the Vision of Viksit Bharat

Student Updates



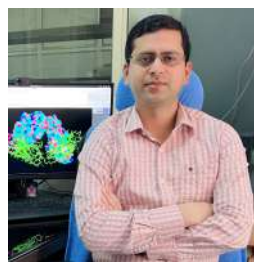
The Student Counselling Services (SAKHA), in collaboration with various student councils, organized several initiatives focused on student well being, academic growth, and career development. The 6th edition of Chit Chat With Seniors provided graduating students with an opportunity to share their experiences

and insights with the student community, while training workshops conducted by the Wellness Council and on campus counselors focused on mental health awareness and stress management. The Council also launched IIT BHU Reads 7.0, a 21-day book reading challenge aimed at encouraging regular reading habits among students. In the academic domain, the Academics Council introduced an OE/LM repository featuring student feedback on courses to support informed academic choices. The Career Council continued its Intern Diaries initiative, compiling internship experiences, preparation strategies, and guidance from seniors, while the International Exchange Council updated branch-wise research domains across departments, improving access to academic and research opportunities.

The Science and Technology Council, in collaboration with its constituent clubs, organized several initiatives focused on technical learning, innovation, and professional development. The Aero Modelling Club and SAE Club continued preparations for major competitions through technical development activities and specialized training programs. In the digital domain, COPS launched the COPS Summer of Code 2026, a six-week learning initiative covering emerging fields in computing and artificial intelligence, while the Quant Club recorded notable achievements in competitive events and introduced QuantX, a summer camp focused on quantitative finance and analytical problem-solving. The Robotics Club organized an interactive Summer Camp that provided participants with hands-on exposure to robotics and automation. Beyond technical activities, the Business Club (BIZ) conducted a Product Management workshop and advanced several student-led projects, while the Club of Sustainability and Innovation (CSI) developed the curriculum for its Sustainability 101 summer camp. These initiatives expanded opportunities for students to develop technical, analytical, and entrepreneurial skills across diverse disciplines.



Faculty Updates



Dr. Aditya Kumar Padhi, Assistant Professor at the School of Biochemical Engineering, IIT (BHU), Varanasi, has been selected as a Young Associate (INSA-YA) 2026 by the Indian National Science Academy, one of the highest recognitions for young scientists in India. He is the only researcher selected nationally in

the Biomolecular, Structural Biology and Drug Discovery category this year and the sole awardee from IIT (BHU), Varanasi. His research integrates computational biology, structural and translational bioinformatics, artificial intelligence, machine learning, and biomolecular modelling to address critical challenges in healthcare and drug discovery. His work has significantly contributed to understanding pathogen evolution, antimicrobial resistance, therapeutic design, and disease biology through advanced computational approaches. This prestigious recognition reflects Dr. Padhi's outstanding scientific contributions and underscores IIT (BHU)'s growing prominence in interdisciplinary and translational biomedical research.

Alumni Updates

Mr. Akshay Akash, Mr. Akshat Baranwal, Mr. Ankit Kumar Pandey, and Mr. Anesh Srivastav, Varanasi, co-founded Stimuler in 2022 to help users improve English communication through a voice-first AI tutor platform. Initially developed from their hostel room at IIT (BHU) to assist students in preparing for job



interviews, the startup has since evolved into an AI-driven language learning platform serving learners across multiple countries. In April 2025, Stimuler raised a \$3.75 million pre-Series A funding round led by Lightspeed and SWC Global to strengthen its AI infrastructure, expand its technical team, and accelerate growth in Southeast Asia and Latin America. The startup was also selected as one of only three India-based companies for the AWS Generative AI Accelerator 2025, a recognition of its innovation in applying generative AI to education. The platform leverages advanced speech recognition and personalized feedback systems to help learners build confidence in real-world communication scenarios. Its growing international user base highlights the increasing demand for accessible, AI-powered educational technologies that can bridge language barriers and enhance employability. The achievement reflects the entrepreneurial spirit of IIT (BHU) alumni and their growing impact in building globally relevant technology-driven solutions.

Did You Know

BHU was not simply founded, it was created through a special Act of Parliament in 1915, when India was still under British rule. Gaining approval for such a large university envisioned and led by Indians was an extraordinary feat, reflecting the determination of its founders and the significance of their mission.



Alumni-Guided Mock Interviews

SAIC invites you to support students as they prepare for the upcoming internship season.

Register as an Interviewer

Through mock interviews, you can share real-world insights, evaluate candidates, and help them build confidence for actual placements. Your experience can directly shape a student's journey.



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पहली बरसात

बारिश ने आज
बनारस की पेशानी पर
काजल-सी एक नमी रख दी है
घाट की सीढ़ियाँ ऐसे चमक रही हैं,
जैसे सदियों पुराने किसी श्लोक पर
काल ने फिर से स्याही चढ़ा दी हो
गंगा धीरे-धीरे बढ़ रही है,
नदी नहीं, कोई सनातन माँ लगती है,
जो बिछड़े बच्चों को अपने आँचल में समेट रही हो।

अस्सी की चाय से उठती भाप
अब बादलों से साक्षात् करती है,
और मंदिरों की घंटियाँ ऐसे तरंगित होती हैं
जैसे दीपदान के दीये 'समय' की छाती पर बह रहे हों
सब कुछ सुंदर है,
इतना सुंदर कि भीतर एक डर काँप जाता है।

क्योंकि मैं जानता हूँ,
कुछ ही दिनों में ये सीढ़ियाँ दिखाई नहीं देंगी
गंगा उन्हें डुबोएगी नहीं,
परंतु छुपा लेगी
जैसे कोई कवि अपनी सबसे प्रिय पंक्ति
दुनिया से छुपाकर डायरी में रख देता है।

तब भी बनारस रहेगा, घंटियाँ रहेंगी,
पर मेरी आँखों से घाटों का वह चेहरा उतर जाएगा
मैं मणिकर्णिका की लपटें तो देखूँगा,
पर उनके पाँवों को सहलाता वह स्पर्श नहीं देख पाऊँगा
और शायद इसी महा-शून्य का नाम विरह है'
जब कोई कहीं जाता नहीं, वह यहीं होता है,
फिर भी उसका ओझल होना हर जगह दिखाई देता है
यह विरह दूरी का शोक नहीं,
बनारस का अपने ही भीतर लौट जाने का उत्सव है।

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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