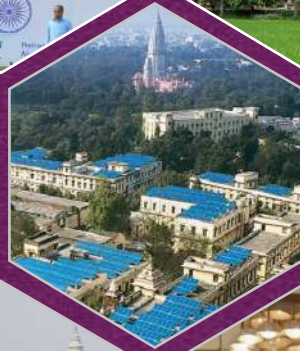


ALMA COMMUNIQUE

Alumni Newsletter (Jun '26)



Institute Updates



1. IIT (BHU), Varanasi organized an Online Open House Session for JEE (Advanced) 2026 qualified candidates and their parents on 10 June 2026. The session highlighted the institute's academic programmes, research ecosystem, placements, entrepreneurship initiatives, alumni network, campus infrastructure, and vibrant student life through presentations by senior institute officials. Candidates and parents also had the opportunity to interact directly with the institute leadership during an open Q&A session, gaining valuable insights into academics, campus life, and opportunities at IIT (BHU). The session concluded with the institute extending a warm welcome to the incoming batch of 2026.



2. IIT (BHU), Varanasi held the Bhumi Pujan ceremony on 18 June 2026, for the upcoming Malaviya Student Activity and Computing Centre (MSACC) and Yavatkar Convention Centre (YCC) at the Rajputana Ground. The project, sanctioned at a cost of Rs. 105,84,00,000 is scheduled for completion by December 2027. The new facility will include a 562-seat auditorium, dedicated computing halls, a 204-seat Senate Hall, and spaces for student activities and collaboration. The institute also acknowledged the generous contribution of Dr. Raj Yavatkar (ECE, 1980) towards the establishment of the YCC. The ceremony was led by the Hon'ble Director, Prof. Amit Patra, in the presence of faculty, staff, and students.



3. The IIT (BHU), Varanasi fraternity celebrated the 12th International Day of Yoga with great enthusiasm, reaffirming its commitment to holistic well-being. The event was graced by Director Prof. Amit Patra, along with Deans, faculty members, officers, staff, and students, who participated in the yoga session. The celebration reflected the Institute's dedication to promoting physical and mental wellness while embracing yoga as India's enduring cultural legacy. Through such initiatives, IIT (BHU) continues to foster a campus culture of wellness, mindfulness, and balanced living.



4. IIT (BHU), Varanasi celebrated its inaugural Institute Day 2026, "Utthaan" on 29 June 2026, showcasing the institute's achievements in research, innovation, entrepreneurship, and industry collaboration. A key highlight of the celebration was the felicitation of 69 faculty members for securing 89 patents during 2025-26, recognizing the institute's excellence in research and innovation. The programme also featured the Distinguished Alumnus/Alumna Awards 2025, and a panel discussion on academia-industry partnerships.



5. IIT (BHU), Varanasi, officially dedicated the historic pond near the Administrative Building as *Anantha Sarovar* in honour of its former Director and distinguished metallurgist, Prof. T. R. Anantharaman, during a ceremony held on 28 June 2026. The initiative recognized his invaluable contributions to the Institute. During his tenure in the 1980s, Prof. Anantharaman led the renovation of the pond. Today, *Anantha Sarovar* remains an important campus landmark with cultural and spiritual significance, particularly during the annual *Chhath Puja* celebrations. The ceremony was graced by Director Prof. Amit Patra and Chief Guest Prof. Shrikant Lele, who reflected on Prof. Anantharaman's enduring legacy. The name *Anantha*, meaning "eternal," symbolizes the lasting impact of his vision and contributions.

The Creative Section in our next issue will bring you comprehensive coverage of Institute Day 2026.

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 July 2026, a total of 1,422 placement offers (including PPOs) and 489 internship offers have been secured, reflecting robust industry participation and the Institute's continued excellence in campus recruitment.

The highest internship stipend reached Rs. 11,00,000 per month, while the average internship stipend stood at Rs. 1,18,783 per month. The highest salary package offered during the placement season was Rs. 1,68,00,000 per annum, with the average package being Rs. 29,82,134 per annum.

Offers were received from leading global and national organizations including Google, Microsoft, Amazon, Goldman Sachs, NVIDIA, Uber, Oracle, Databricks, Qualcomm, Rubrik, DE Shaw, JPMorgan Chase & Co. (JPMC), Mastercard, Flipkart, Salesforce, Cisco, Adobe, Wells Fargo, Texas Instruments, Nutanix, PhonePe, Meesho, LinkedIn, Walmart, Deutsche Bank, Tata Steel, Razorpay, and many other esteemed recruiters, underscoring the Institute's strong industry partnerships 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 June 2026, a total of 20 patents were filed, while 11 patents were successfully granted, reflecting the institute's commitment to innovation and technological advancement.

Patents filed in June		
Title	Faculty	Patent Number
A Portable Biosensing System and Method for Visual Detection of Glucose in Biological Fluids	Prof. Rajiv Prakesh, Narsingh R. Nirala, Vinita	591137
A Solid-State Aluminium-Air Battery	Dr. Ashish Kumar Mishra, Rohit Kumar Gupta	591261
A Method for Additive-Free Synthesis of a Thioether Derivative of a Heterocyclic Compound	Dr. Deepak Kumar, Ms. Pallavi Saha, Mr. Mohit Kumar	591365
System and Method for Remaining Useful Life Estimation of a Supercapacitor Using Hybrid Deep Learning	Prof. Sanjay Kumar Singh, Prof. Rajeev Kumar Singh, Ankit Kumar Pratishtha, Anantha Padmanabhan N. K	591432
Quantitative Assessment of Angiogenesis via Gray Level Co-occurrence Matrix Based Image Processing	Dr. Pradip Paik, Sukanya Patra, JAC FREDOR, Aniket Lokhande	591643
A Dual Mode Baby Monitoring System and a Method Thereof	Dr. Hari Prabhakar Gupta, Mansi Bhavikbhai Dodiya	591704
A System and Method for Hand Grasp Classification	Dr. Amrita Chaturvedi	591714
A Biodegradable Backbone-Based Nanocomposite Electrolyte and a Method of Preparation Thereof	Dr. Manisha Malviya, Rishabh Mishra	591839
A Method for Oxidative Coupling of a Substituted Benzyl and a Heterocyclic Compound	Dr. Deepak Kumar, Dr. Nitin Pal Kalia, Mr. Anubhav Roy, Mr. Rohit Kumar, Ms. Pallavi Saha, Mr. Shashikanta Sahu, Ms. Puja Kumari Agrivesth, Kishan Kumar Pandita	591890
An Anti-Leishmanial Steroidal Alkaloid Drug Compound	Prof. Vikash Dubey, Dr. Pranjal Chandra, Ms. Naveena Manpadi	591968
An Electrochemical Sensor and a Method of Fabrication Thereof	Pranjal Chandra, Shubhangi, Rohini Kumari, Sanjay Kumar Rai	591980
A Device for Measuring Magnetocaloric Effect	Dr. Sanjay Singh, Krishna Kant Dubey, Vishal Kumar	592060
A Process for Bio-synthesis of a Biopolymer	Abha Mishra, Shruti S. Raut, Arpit Sharma, Vishal Mishra	592138
A Method for Preparation of a Biophotonic Nanocontrast and a Product Thereof	Dr. Pranjal Chandra, Rajendra Prasad, Rohini Kumari	592362
A Method of Extraction of an Amorphous Oxide Mineral from a Bio-Waste	Dr. Subrata Panda, Mukta Rajolla, Vivek Kumar Saroj	592453
A Photovoltaic-Grid Integrated Off-Board Electric Vehicle Charging System	Dr. Vivek Nandan Lal, Prof. Rajeev Kumar Singh, Priyatosh Jena	592456
Solution Processed Plasmonic Optoelectronic Memristor	Dr. Bhole Nath Pal, Subarna Pramanik, Rajesh Chakraborty	592573
A Current Source Gate Driver Circuit with Reduced Power Loss	Prof. Santosh K. Singh, Sapratish Saha, Nareesh K. Pilli, Nandini Jain	593049
An Inorganic Complex and a Method of Preparation Thereof	Dr. Samya Benerjee, Mr. Ashish Kumar Yadav, Mr. Anil Ali Mendel, Mr. Rajesh Kushwaha, Mr. Apurba Mandal	593725
Air Interface for Integrated Sensing and Communication for 5G	Dr. Abul Kumar, Dr. Daljeet Singh, Dr. Hem Dutt Joshi, Dr. Ashutosh Kumar Singh, Dr. Teemu Myllyla, Dr. Sonam Jain	593739

Patents granted in June		
Title	Faculty	Filing Date
Sludge-Based Carbonized Nanocomposite for Wastewater Treatment and Method of Preparation Thereof	Dr. Shreyansh Kumar Jain, Dr. Varun Shukla, Soham Rayguru, Shruti Chaudhari, Mohit Kumar Srivastava	03/06/2026
System for Direct Measurement of Poisson's Ratio of Cylindrical Geometrical Specimens	Prof. Ashok Jaiswal, Mr. Ankit Kumar Patel, Mr. Subodh Narayan Deo	13/06/2026
A Protein Based Vaccine and a Method of Preparation Thereof	Dr. Jairam Meena, Hitesh Harsukhbhai Chandpa	15/06/2026
Three-Winding Coupled Inductor High-Gain DC-DC Converter with Enhanced Dynamic Performance	Abhishek Raj Aman, Ankit Kumar Pratishtha, Sudeep Kumar Mohanay, Prof. Rajeev Kumar Singh, Prof. Vivek Nandan Lal	16/06/2026
Interfacially Modified Metal Oxide CeO ₂ Catalyst, Method of Preparation and Its Use for Biodeisel Production	Prof. Abha Mishra, Ravi Yadav	18/06/2026
Disulfiram-Loaded PLGA-Coated Iron Oxide Nanoparticles for Anticancer Therapy	Dr. Jairam Meena, Prili Pramod Patil, Akash Sahni, Shovan Naskar, Raghunath Prasad Tripathy	18/06/2026
System and Method for Developing a Composite Urban Heat Island (UHI) Index	Dr. Vishal Chetty, Avinash Yadav	19/06/2026
A Biosensor System and a Method of Fabrication Thereof	Dr. Sanjay Kumar, Avantisha Singh	19/06/2026
Ultra-Violet Photodetector and Method of Preparation Thereof	Prof. V. N. Lal, Prof. Ranjit Mahanty, Arya Singh, Akshay Agrawal	25/06/2026
A Hydrogel Scaffold and a Method of Preparation Thereof	Dr. Sanjeev Kumar Mahto, Rishabh Rai Kaushik, Pooja Kumari, Snehalata Yadav	27/06/2026
Process for Synthesis of Chalcogen-Linked Heterocyclic Compounds and Product Thereof	Dr. Deepak Kumar, Ms. Pallavi Saha, Mr. Vijay Kumar	30/06/2026

Projects sanctioned in June			
Title of Project	Name of Funding agency	Period of the Project Sanction	Total cost of Project in Rs.
AI-Enabled Early-Warning System for Incipient Insulation Faults in Large-Scale Transportation Power Systems	ANRF	03 years	59,39,530
Building the Future: Advancing Innovative Zero-Energy Water Building Technologies	ANRF	03 years	65,42,480
Electrothermal Fluidized Bed Membrane Reactor for Non-Oxidative Methane Coupling to Produce Green Hydrogen and Ethylene	ANRF	04 years	1,85,92,740
Phase Separation and Defect Ordering in Active Media: Experiments, Theory, and Simulations	ANRF	03 years	48,58,080
Development of Superior Oxide-ion Electrolytes Based on Utilization of Relaxor-type High Dielectric Materials for Intermediate Temperature Solid Oxide Fuel Cells (IT-SOFC) as Automotive Auxiliary Power Units and Distributed Power Plants	ANRF	03 years	65,64,110
Artificial Intelligence-powered Virtual Reality-based Language-Speech Training System for Patients with Post-stroke Aphasia with and without Dysarthria	DBT	03 years	52,70,120
Encoded laser to build single-photon microscopy in visible and NIR spectra	ANRF	05 years	88,51,738
PralayMap: A Divergence Guided Diffusion-Convolution Framework for Flood Inundation Mapping	ANRF	03 years	70,92,163
System-Aware Nudging for Sustainable Transport: Dynamic Human Behaviour in Networked Mobility Systems	ANRF	03 years	56,27,440
Interfacial Control of Ultrathin Hafnia Ferroelectric Materials for Cryogenic Switching and Quantum-Ready Nanoelectronics	ANRF	03 years	71,97,180
Understanding Solar Eruptions to Their Space Weather Impact in a Novel Framework of Magnetic Reconnection and Plasma Dynamics	ANRF	05 years	61,53,600
Toward Mobility-Resilient LoRaWAN: Ensuring Continuous Connectivity and Edge Intelligence	ANRF	03 years	78,26,909
Additive Manufacturing of Fe-Si-Al Electrical Steel for High-Efficiency Rare-Earth-Free Electric Motor Applications	ANRF	03 years	48,00,000

Total 13 projects were officially sanctioned during this period, with cumulative funding amounting to Rs. 9,50,16,090. These achievements highlight the institute's steady progress in fostering impactful research, innovation, and development across diverse domains.

Media Section



IIT is a Platform for the Confluence of Knowledge and Research



Convention Center to be Built at IIT-BHU with Donation from Alumnus

Student Updates



The Student Counselling Services (SAKHA) organized several initiatives to promote students' well-being, academic growth, and career development. The Wellness Council conducted IIT BHU Reads 7.0, the Be A SAKHA Training Programme, and Heart Out campaigns to encourage mental health awareness. The

Academics Council launched a comprehensive guide on Supplementary Examinations and Summer Term Registration, while the Career Council organized two Acing Interns sessions featuring distinguished interns from the Software Development and DA/DS domains. The Skill Development Council conducted a Resume Building Session and organized a Speak Up group discussion on "From Ghats to Labs: How Does Varanasi Shape an IITian's Perspective?" to commemorate Institute Day, encouraging meaningful discussions among students. The International Exchange Council also conducted GRE/GMAT and IELTS/TOEFL preparation sessions, featuring firsthand experiences and interactive Q&A sessions to guide students aspiring to pursue higher education abroad.

The **Students' Parliament Elections 2026-27** at IIT (BHU), Varanasi, concluded successfully, followed by the election of the Vice President and the formation of parliamentary committees. Since taking office, the Parliament has led several student-focused initiatives, including TDS testing of hostel water coolers infrastructure improvements in hostels and lecture theatres, and plans to redevelop sports facilities. Student representatives also participated in the 51st Senate Meeting, contributing to key academic discussions. Meanwhile, the Web Management Committee advanced projects such as the RFID-based Student Identity Card and the unified IIT (BHU) Mobile Application, while the Public Relations Committee expanded student engagement through recruitment initiatives. Together, these efforts reflect the Students' Parliament's commitment to effective governance, student welfare, and institutional development.



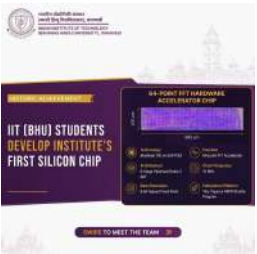
Institute Updates



Prof. Santosh K. Singh, Professor In-charge (International Relations), IIT (BHU), Varanasi, represented the Institute in the Academic Immersion Programme in France held from 8 to 12 June 2026. As part of an Indian delegation comprising representatives from 15 IITs and IISc, he engaged with leading French

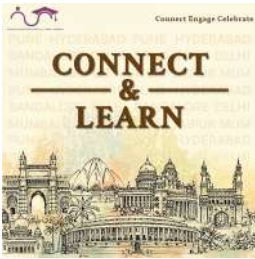
institutions, including Université Paris Cité, Udice, CNRS, and ESSEC Business School, to explore opportunities for research collaboration, innovation, and student and faculty exchange. Prof. Singh also participated in the FGL-IITs Network Meeting at ITECH Lyon and the follow-up meeting at CPE Lyon, where discussions focused on strengthening academic partnerships and expanding collaborative initiatives. During the same visit, Prof. Singh met with representatives from École Polytechnique Fédérale de Lausanne (EPFL), ETH Zurich, and Politecnico di Milano to further IIT (BHU)'s international engagement. Discussions centred on joint research, student and faculty mobility, and long term institutional collaboration, reaffirming the Institute's commitment to strengthening its global academic and research partnerships.

The Department of Electronics Engineering, IIT (BHU), Varanasi, achieved a significant milestone with the successful design of the institute's first-ever silicon chip by a team primarily comprising second-year B.Tech students. Developed under the Advanced Undergraduate Research Avenue (AURA) Lab, the 64-point FFT Hardware Accelerator was designed using the SKY130 Process Design Kit and submitted for fabrication through the Tiny Tapeout Multi-Project Wafer Shuttle Program. Guided by Dr. Ankit Arora and Dr. Muralikrishnan Srinivasan, the project highlights IIT (BHU)'s growing focus on undergraduate research, experiential learning, and semiconductor innovation. The achievement reflects the institute's commitment to providing students with early exposure to cutting-edge VLSI design and chip development. It also demonstrates the capability of undergraduate students to contribute meaningfully to advanced research, strengthening IIT (BHU)'s position in India's rapidly growing semiconductor ecosystem.



Alumni Updates

Student Alumni Interaction Cell



The Student Alumni Interaction Cell (SAIC) continued its efforts to strengthen student-alumni engagement through networking and career development initiatives during June 2026. The Cell organized Connect & Learn meetups across Hyderabad, Pune, Delhi, Mumbai, and Bengaluru, enabling students to interact with alumni, gain industry insights, build professional connections, and receive guidance on careers and higher studies. SAIC also conducted an Interview Guidance Session under the Alumni-Guided Mock Interviews Initiative featuring Ms. Shivanjali Verma (MEC '23), Software Engineer at Microsoft India. The session focused on interview preparation, resume building, recruiter expectations, and practical interview strategies, providing participants with valuable insights into placement processes and industry expectations. These initiatives reinforced SAIC's commitment to fostering mentorship, alumni engagement, and professional development among students.

From 1 June 2025, the new Core Team of SAIC, under the aegis of Prof. Hiralal Pramanik, Dean (Resource & Alumni), assumed office for the 2026-27 academic year. The list of the SAIC Core Team members, along with their responsibilities, is mentioned below.

SAIC Core Team Members 2026-2027			
Name	Branch	Year	Role
Anjali Khare	MEC	B.Tech III	Media Management Team
Arnab Roy	CHE	B.Tech III	Public Relations & Outreach Team
Ashima Verma	MIN	IDD III	Events & Operations Team
Kritya Kumari	MET	IDD III	Creative (Content & Design) Team
Niraj Hariyani	ECE	B.Tech III	Hospitality & Alumni
Nivant Papalkar	CHE	B.Tech III	Data Management
Sparsh Rastogi	ECE	B.Tech III	Technical Team

Distinguished Alumnus/Alumna Award

The nominations for the **Distinguished Alumnus/Alumna Award 2026** will be commencing soon. Complete details regarding the award and the nomination process will be announced through official email communications and the institute website. To stay informed, please keep checking these channels for updates.

Did You Know

The Government of India issued a special ₹10 commemorative coin in 2016 to celebrate the centenary of Banaras Hindu University, honouring its century-long contribution to education and nation-building.



ACROSS THE GLOBE

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Impact**
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Engineering,
Science &
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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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