



# INSTITUTE HIGHLIGHTS

## Campus Development Plans

IIT Indore is undergoing a transformative infrastructural expansion across Phases II and III, aimed at amplifying its academic, residential, and research ecosystem. Phase II includes the PM Ajay Hostel, Kshitij Mandapam, a biological clean room, and Meghdoot Sarovar—a rainwater reservoir with a capacity of 1.2 crore litres, complemented by 16.6 lakh litres of decentralised rainwater harvesting infrastructure.

Phase III, with an outlay exceeding ₹1,120 crore, is subdivided into Phase III A and III B & C. Phase IIIA encompasses a heavy lab, new hostels for 1,450 students, faculty housing, and consultancy facilities. Phase III B & C advances academic infrastructure with two PODs, a school of innovation, and an Industrial Research Park, alongside utility networks and high-end equipment acquisition.



## New Academic Programs and Sports Excellence Quota

### SCHOOL OF INNOVATION

INNOVATION  
INCUBATION  
IMPLEMENTATION



Beginning the next academic session, IIT Indore is set to commence several groundbreaking academic programmes. The new Bachelor of Design programme under the School of Innovation, distinguished by its unprecedented specialisations and admissions through UCEED, positions IIT Indore as a pioneer in design education. The Master of Arts in English Literature and Linguistics, offered by the School of Humanities and Social Sciences via GATE, will blend literary scholarship with cutting-edge domains such as digital and medical humanities, applied linguistics, and language technology. The M.Tech in Communication and Information Systems, designed exclusively for Army officers in partnership with MCTE Mhow, fosters bilateral military-academic synergies. Additional interdisciplinary ventures affirm IIT Indore's emergence as a vanguard of interdisciplinary and application-oriented education and national service.

Additionally, IIT Indore has introduced one supernumerary seat per B.Tech programme under the Sports Excellence Quota. The Sports Excellence Admission programme aims to recognise students who have excelled in both academics and sports. Each B.Tech branch will offer one gender-neutral supernumerary seat. Candidates who have achieved national and international recognition in athletic competitions and are JEE Advanced qualified are eligible. This initiative reflects IIT Indore's commitment to promoting all-round excellence and nurturing a dynamic, well-balanced student community.

## QS World University Rankings 2026

In the QS World University Rankings 2026, IIT Indore is placed 556th globally. Among 1,501 institutions, including 54 from India, we rank 12th nationally and continue to be the highest-ranked second-generation IIT. Notably, the overall score rose from 25.1 to 29.6, indicating measurable advancement in institutional performance. The research culture remains exceptional, with a citations-per-faculty score of 96.9, positioning it 6th in India and 57th globally—a testament to the scholarly impact of its faculty. Improvements in academic reputation (8.0) and employer reputation (16.9) point to growing recognition in educational and professional domains. Gains in sustainability, faculty-student ratio, and international research network further underscore a holistic development trajectory. The ranking reflects a robust foundation and a trajectory poised for deeper global academic integration.

## ANSYS Technology Day

The ANSYS Team at IIT Indore hosted its first ANSYS Technology Day on April 14, 2025, marking a key milestone in advancing simulation expertise at the institute. Attendees engaged with the ANSYS technical team and explored structural and electro-dynamic simulation tools. Highlights included an overview of the ANSYS Multiphysics platform, its academic adoption, and industry-specific solutions. In parallel, the team conducted a five-week webinar series covering the basics of ANSYS RMXprt, Maxwell, Mechanical, CFD, and HFSS, providing participants with foundational knowledge of these tools.



## Research Symposium on Digital and Environmental Humanities

The JPN National Centre for Excellence in Humanities, IIT Indore, organized a vibrant symposium focused on advancing research in Digital Humanities (DH) and Environmental Humanities (EH). The event brought together scholars, researchers, and technologists to showcase their innovative projects and foster interdisciplinary dialogue. The symposium featured dynamic formats such as Flash Talks, hackathon-style demos, and project showcases, offering principal investigators (PIs) the opportunity to present their research progress, milestones, and challenges. Notably, the participating PIs were distinguished faculty members and researchers representing various IITs as well as esteemed private and public universities across the country, reflecting the academic diversity and strength of the initiative. Programme highlights included a keynote address by Prof. Paul Arthur (Edith Cowan University, Australia) and a book discussion led by Prof. Maya Dodd (FLAME University, Pune) and Prof. Nirmala Menon (IIT Indore) on their recent publication, Practices of Digital Humanities in India: Learning by Doing.



## World Quantum Day

On World Quantum Day, April 17, 2025, the Department of Physics hosted a special event highlighting the transformative potential of quantum technologies. The programme began with an insightful talk by Dr. Bivas Dutta, followed by a special colloquium delivered by Prof. Anirban Pathak (JIIT, Noida). The event concluded with a dynamic panel discussion featuring Dr. Bodhisatwa Mazumdar, Dr. Ranveer Singh, and Dr. Bivas Dutta, offering the audience a glimpse into a future shaped by quantum innovations.



## TIPS 6.0

The 6th Edition of the National Workshop on Technology Innovation in Cyber-Physical Systems (TIPS) was hosted by the IIT Indore Drishti CPS Foundation. TIPS served as a platform for the dignitaries of the 25 Technology Innovation Hubs established under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS). The Workshop brought together researchers, policymakers, and industry leaders and founders to work collaboratively towards a shared vision of technological advancement and was attended by such esteemed dignitaries as Dr. Abhay Karandikar, Secretary DST; Padma Bhushan Kris Gopalakrishnan, Chairman of the Governing Board of NM-ICPS and co-founder of Infosys; Prof. Anurag Kumar, Former Director of IISc Bangalore; Prof. Ashutosh Sharma, Former Secretary of DST and President of INSA; and Prof. Suhas S. Joshi, Director of IIT Indore. The Workshop featured two focused technical sessions: “Vision for Industry Collaboration and Commercialisation of Technologies” and “Translating Innovation to Impact: Roadmap for CPS Deployment through TTRP”, followed by an EXPO where visiting dignitaries showcased their latest innovations.



## Fourth Industry Connect Programme – CSR & CIC Meet 2025

IIT Indore successfully conducted the Fourth Industry Connect Programme – CSR & CIC Meet 2025 on May 9, 2025, bringing together industry leaders and academicians to foster meaningful dialogue and collaboration in the realm of Corporate Social Responsibility (CSR) initiatives. The event was graced by Prof. Suhas S. Joshi, Director, IIT Indore, along with prominent industry leaders, including Sh. Satendra Tiwari, Director, CNH Industries (India) Pvt. Ltd., Sh. Rohit Pandya from Mazagon Dock Shipbuilders Ltd., and Sh. Sanjeev Agarwal from Impetus Technologies. The meet witnessed enthusiastic participation from distinguished guests and representatives from various corporates and industries, as well as faculty members and officials of IIT Indore. The event has witnessed strengthening industry-institute collaboration and paving the way for impactful CSR partnerships.

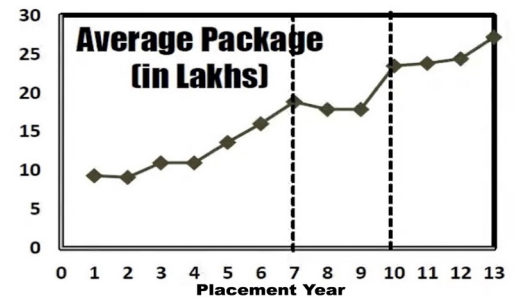




# PLACEMENT HIGHLIGHTS

## OVERVIEW

IIT Indore witnessed an exceptional placement season, with over 130 companies participating across diverse sectors like IT, core engineering, consulting, fintech, and energy. The institute recorded about 400 offers, placing over 85% of B.Tech students. The highest package crossed ₹1 crore for the first time, while the average package rose by 13% to ₹27 LPA. Top recruiters included Google, Goldman Sachs, DE Shaw, and BPCL. Meanwhile, over 100 students from the 2026 batch secured internships in leading MNCs, with the highest stipend reaching ₹5 lakhs per month. The season reflects IIT Indore's growing industry stature.

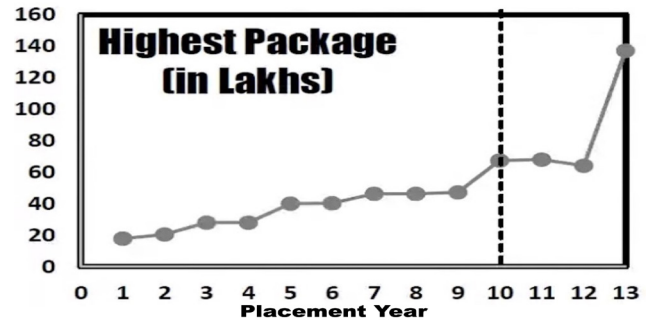


## OpportuNEX 2025

OpportuNEX 2.0, the premier recruitment conclave orchestrated by IIT Indore on April 12, 2025, unfurled under the intellectually stimulating theme "Recruitment 360: Decoding Emerging Hiring Trends." This erudite symposium convened a confluence of scholarly aspirants and eminent industry virtuosos, catalysing an incisive discourse on the metamorphosis of contemporary recruitment paradigms. With an attendance exceeding 200 perspicacious students, the conclave was punctuated by an



array of sagacious deliberations led by luminaries such as Mr. Prafulla Deori of Ericsson, Mr. Subramanian S of British Petroleum, and Mr. Mukesh Kumar of TAFE Motors. The thematic purview encompassed avant-garde hiring methodologies, including competency-centric selection, the proliferation of gig-orientated employment models, the semiotics of personal branding, and the intricacies of strategic networking. The meticulously curated itinerary, comprising cerebral quizzes, oratorical engagements, a dialectical panel symposium, and a ceremonial distribution of accolades, coalesced into an edifying and holistic intellectual odyssey.



## Placement Talk Series

The Placement Talk Series (17th–23rd April 2025) offered focused insights into core, PSU, EdTech, SDE, and non-core career paths, tailored for students from electrical, civil, mechanical, and MEMS branches. Distinguished recent graduates, now placed in top institutions, shared detailed strategies, key challenges, and practical tips from their own journeys. A live Q&A session addressed questions on CPI cutoffs, interview formats, and preparation timelines, providing attendees with clear, practical guidance for their upcoming placement journey.

# STUDENT HIGHLIGHTS

## Students' Gymkhana 2025-2026

The newly elected Students' Gymkhana assumed office following the approval of the results on April 23, 2025. The elections were conducted by the Student Affairs Office under the supervision of Chief Election Officer Mr. Sahil Yardi. A total of 29 positions were contested, including that of the President, eight General Secretaries, Senators representing PhD and PG programs, and 18 Senior and Junior Senators from all B.Tech branches. This year witnessed a record voter turnout of 81.65%. Mr. Naveen Sharma, a PhD scholar from the Department of Physics, was elected as the President of the Students' Gymkhana. The Gymkhana, in this quarter, facilitated the valedictory function, conducted the Open House session for JEE-Advanced 2025 qualified students, and launched an online Hostel Management System.

## EESA Outreach Program

The Electrical Engineering Students' Association (EESA), in collaboration with the Electronics Club, conducted a KV Outreach Programme as a part of the Euphoria 25 event. The programme featured an Olympiad designed for students of classes 8th, 9th, and 10th, aimed at giving them a glimpse into the world of competitive examinations. A session on Arduino & microcontrollers was conducted by the first-year students of the Electronics Club, sparking curiosity and enthusiasm among the young attendees. Following the session, a project demonstration of some interesting projects like a virtual piano, Arduino-based games, and a Bluetooth speaker was done. Dr. Vijay A. S. delivered an inspiring motivational talk, encouraging students to strive for excellence in their academic pursuits.



## Valedictory Function



On April 30, 2025, a valedictory function was organized by the Student Affairs Office. The entire graduating batch of B.Tech, M.Tech, MS, PhD, and inbound students was personally and individually felicitated by Director Prof. Suhas S. Joshi. In his address, Prof. Joshi inspired the graduating students about the world beyond the institute, reminded them of their obligation to their alma mater, IIT Indore, and highlighted several new academic initiatives launched for future batches. Prof. Suman Mukhopadhyay, Dean of Alumni and Corporate Relations (ACR), spoke about the various initiatives undertaken by the ACR Office and the Alumni Cell to engage and support the alumni community. Each graduating student received a memento. The ceremony was followed by a gala dinner.

## STUDENTS ACHIEVEMENTS

**Harshita Bhuyan, Ph.D. (DAASE)** — Awarded the prestigious DAAD Bi-nationally Supervised Doctoral Degree Scholarship, enabling one year of research at the Max Planck Institute for Astronomy, Heidelberg, Germany.

**Prince Suman, Chandrahaas, Vatsalya Singh, Amit Mittal, and Harsh Mantri, B.Tech** — Selected as National Finalists in the C2S Digital Hackathon, a national-level competition focused on digital design. Their project, involving real-time image processing on a PYNQ Z2 FPGA, was chosen among the Top 20 teams out of 1500+ entries.

**Rahul Naidu, Ph.D. (ME)** — Presented a poster at NCMST 2024, organized by the Indian Institute of Space Science and Technology (IIST), contributing to ongoing research in mechanical systems and materials science.

**Khushi Sawla, B.Tech (EE)** — Selected for the Generation Google Scholarship 2025, awarded to only 50 women across Asia-Pacific, with a grant of USD 2,500 in recognition of academic excellence in computer science.

**Pilla Venkata Sekhar, B.Tech (CSE)** — Published a research paper at COMSNETS 2025 on software-defined vehicles. Won Best Undergraduate Forum Presentation at COMSNETS, secured 3rd place at the ACCS Design Challenge 2024, and ranked 3rd and 4th in the ICPC Asia Amritapuri and Kanpur Regional Contests, respectively.

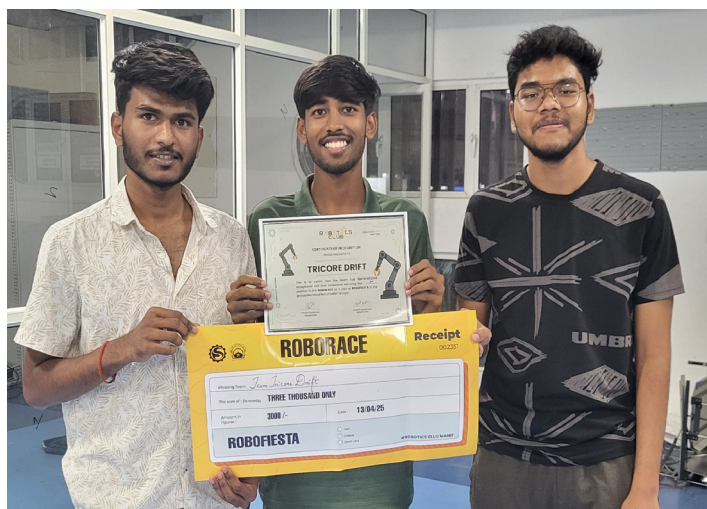
**Bharat Kaurav, B.Tech (CSE)** — Published a research paper on flood detection using social media in the high-impact journal Sustainable Cities and Society (Impact Factor: 10.5, CiteScore: 22.4, H-index: 156, Acceptance Rate: 8%).

**Vidushi Rajhans & Shivam Vijai Sharma, B.Tech (CE)** — Secured 1st position in national product management case competitions organized by The Product Sprints, in collaboration with IITs, including Indore, BHU, Kanpur, Jodhpur, Ropar, Guwahati. Recognized for analytical problem-solving and product innovation.

**Gogula Venkata Hemanth (EE), Vimal Pranav S (ME), Lohit Raj K (EP), Sanjay S (ME), S. Sanjay Karthik (MEMS), Burra Venkata Chakrapani (SSE), Sai Krishna (CE), Antro Victor (MEMS)** — Demonstrated strong technical and collaborative skills at Techno25, the annual technical fest of MANIT Bhopal, by securing top positions in multiple robotics competitions.

**Naren Kumar Sai and Nishkarsh Luthra, B.Tech (CSE)** — Qualified for the ICPC World Finals 2025 (to be held in Baku, Azerbaijan).

**Milan Khanda, M.Sc. (BSBE)** — Published two articles (a review and a research paper) in international journals, qualified UGC-CSIR JRF and DBT-JRF, and received a National Scholarship worth ₹3,00,000 for postgraduate studies..





# ALUMNI CORNER

## OVERVIEW

This quarter, the Alumni Cell of IIT Indore introduced two structured initiatives to enhance alumni engagement. The first was the launch of Know Your Alumni (KYA), an online series hosted on Instagram and LinkedIn. The series presents brief interviews with alumni covering their career paths, reflections from their time at IIT Indore, and lighter segments such as hypothetical choices and "alum-ometer" to add a personal dimension. The format has received positive responses and has made alumni visibility more streamlined across student and institutional audiences.

The second major initiative was the rollout of Saathi, the official alumni mentorship program. The program facilitates structured interaction between alumni and current students, focusing on career guidance, interview preparation, and domain-specific mentoring. The initial response has been encouraging, and the program continues to expand in scope. Both initiatives aim to develop consistent and purposeful alumni-student engagement going forward. In addition, the ACR office has initiated the nomination process for the Young Alumni Achievers Award (YAAA) 2025.

### Careers in Japan

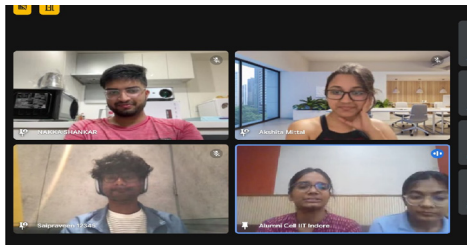
The Alumni Cell of IIT Indore conducted an online session titled "Careers in Japan" under its Alumni Hour series. Three alumni offered insights into working in Japan, navigating global career opportunities, and adapting to new cultures.

**Ms. Akshita Mittal** — (B.Tech MEMS, Class of 2024), Digital Consultant at Accenture Japan

**Mr. Shankar Nakka** — (B.Tech Mechanical Engineering, Class of 2024), Data Architecture Analyst at Accenture Japan

**Mr. Sai Praveen S.** — (B.Tech Mechanical Engineering, Class of 2023), Software Engineer at Rakuten Mobile, Tokyo

The speakers discussed transitioning from core engineering backgrounds to roles in consulting, data architecture, and software development. A lively rapid-fire round revisiting campus memories concluded the session.



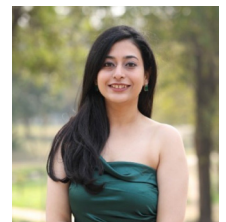
### IITI Alumni Chapter — Bangalore

IIT Indore signed its first MoU with the IITI Alumni Chapter Bangalore in April 13, 2025, at Bangalore. The MoU ceremony was graced by Director Prof. Suhas S. Joshi, and in the presence of Prof. Suman Mukhopadhyay, Dean ACR, and Mr. Rajeev Pandey, Assistant Registrar, ACR. IIT Indore alumni from the Computer Science, Mechanical, and Civil Departments from the batches 2018, 2019, 2020, and 2021 attended this ceremony. It will serve as a key link between alumni, industry leaders, and the institute, actively contributing to initiatives like student mentorship, startups, and institutional development.



***Did your IIT tag ever actually open doors? Or was it always the work that had to speak louder?***

"I think that the IIT tag does give you a convenient head-start in your career, but once you are in the ocean of the corporate world, it is your work that does all the talking. My internship at United-Health Group and my first job out of college at Arcesium (D.E.Shaw Group)



were both campus placements, so, in a way, being in IIT Indore and having an amazing 'placement cell' opened those opportunities for me. When I was looking for a job after my master's degree, my master's school overshadowed wherever I did my bachelor's from – I think it makes sense since it is a higher degree."

~ **Parul Gupta (B.Tech CSE '17), Senior Production Engineer at Meta**

***For students at IIT Indore who are juggling between competitive exams, building something of their own, and just figuring things out — what advice would you give them looking back?***

"I have done nothing, and am nothing, to be qualified to give advice. I was yet another IIT Indore student going through similar things, and I am still figuring things out. One thing I strongly feel about is being exceptional. Choose your field, whatever it may be — we as a country need to strive to be exceptional. For too long, we have conformed to being good enough. We even glorify it at times. With the advent of AI, good enough is not going to cut it. We have to be thought leaders. We need a sense of urgency in being exceptional. That's how we win. That's how India wins."



~ **Piyush Lahoti (B.Tech CSE '14), Co-Founder of Activ Money**

***How do you think AI has transformed the content writing industry, both in terms of opportunities and challenges?***

"Every technological revolution changes how we make and experience art—and AI is no different. It has democratized content creation and sped up execution, but also raised deeper human insight, originality, and emotion to truly stand out."



~ **Dheeraj Bansal (B.Tech CE '22), leading Thinker's Studio**

# INTERNATIONAL RELATIONS

## OVERVIEW

Demonstrating its steadfast commitment to global academic exchange, this quarter, IIT Indore witnessed the active international engagement of around 45 faculty members across 22 countries, including the United States, Germany, France, Japan, Singapore, and Nepal. Their participation in international conferences, invited lectures, and collaborative research projects reflects the institute's vibrant interdisciplinary ethos. Further strengthening these global ties, IITI hosted two international research scholars from Nigeria and Germany under faculty mentorship, who contributed to ongoing projects in the Departments of Chemistry and Astronomy, Astrophysics, and Space Engineering (DAASE). In parallel, this quarter, 66 PhD scholars represented the institute across 24 nations, supported by competitive fellowships and academic collaborations. These collective efforts underline IITI's growing stature as a globally connected research hub, actively contributing to international knowledge networks.



## Fulbright Nehru Mentorship Program

IIT Indore successfully hosted the Fulbright-Nehru Mentoring Program on April 12, 2025, in collaboration with the United States-India Educational Foundation (USIEF). The session, attended by 42 participants, offered in-depth guidance on the 2026–27 Fulbright-Nehru Fellowships, covering opportunities in research, teaching, higher studies, and leadership. Fulbright alumni Dr. Ananya Ghoshal, Dr. Unmesh Khatri (IIT Indore), and Dr. G Venkat Raman (IIM Indore) shared personal insights and tips on crafting strong applications. Breakout mentoring sessions allowed participants to engage based on their fellowship interests, making the program an enriching and interactive experience for all attendees.

# RESEARCH AND INNOVATION

## Digital Humanities Intersections (DHI) Journal

IIT Indore marked a significant milestone in the national academic landscape with the launch of “Digital Humanities Intersections” (DHI), India's first open-access, peer-reviewed journal dedicated to multilingual and interdisciplinary research in this discipline. The inauguration ceremony was graced by Director Prof. Suhas S. Joshi, who officially unveiled the journal in the presence of Prof. Paul Arthur, Chair in Digital Humanities and Social Sciences at Edith Cowan University, Australia, and Prof. Nirmala Menon, Convener of the JPN Centre and Research Lead for Digital Humanities and Publishing at IIT Indore.



Published by KSHIP at IIT Indore, DHI aims to serve as a platform for scholarship that critically engages with digital methodologies, epistemologies, and infrastructures to examine the intersections of technology and the humanities. The journal focuses on applications and reflections of digital methods in humanities research, encompassing areas such as postcolonial digital humanities, critical digital studies, AI and data science in humanities, spatial humanities, digital archiving, bibliometrics, and digital media studies.

Aligned with the FAIR principles (Findable, Accessible, Interoperable, Reusable), DHI seeks to advance the visibility, accessibility, and impact of scholarship, fostering an expansive and inclusive discourse that shapes both regional and global scholarship in Digital Humanities.





## IIT Indore Pioneers Cost-Effective Bioplastics Using Indigenous Microbial Consortium

Researchers at IIT Indore have developed a cost-effective, sustainable bioplastic using a custom microbial consortium of photosynthetic microalgae and bacteria. The innovative process, which utilises carbon dioxide, sunlight, and industrial waste enables the production of polyhydroxyalkanoates (PHA), a biodegradable polymer that mimics the properties of conventional plastics like polypropylene, offering a green alternative. This research, led by Prof. Kiran Bala from the Department of BSBE, addresses scalability and cost barriers, paving the way for industrial-scale bioplastic production across sectors such as packaging, healthcare, agriculture, and consumer goods. IIT Indore Director Prof. Suhas S. Joshi stated that the adoption of bioplastics has been hindered by high production costs and scalability challenges. Thus, this research is novel in leveraging the power of microorganisms sustainably and cost-effectively.



MICROALGAL CULTIVATION IN RACEWAY POND



BIOPLASTIC FILM (POLYHYDROXYALKANOATES - PHA)

## IIT Indore Awarded ANRF-PAIR SAKSHAM and NM-ICPS TTRP Initiatives

IIT Indore has been selected as the lead institute under the ANRF-PAIR scheme to host the SAKSHAM network, receiving a ₹100 crore research grant. Comprising six spoke institutions, the network will drive collaborative research in sustainability, energy storage, advanced materials, and healthcare through a hub-and-spoke model.

Under the NM-ICPS mission, the IITI Drishti CPS Foundation has also been elevated to a Technology Translation Research Park (TTRP)—one of only four in India, focused on digital healthcare, with ₹150 crores allocated. Together, these milestones mark a major step forward in advancing interdisciplinary research and innovation at IIT Indore.



# FACULTY HIGHLIGHTS

## FACULTY ACHIEVEMENTS



**Prof. M. Tanveer** — Prof. Tanveer has been elected to the Board of Governors of the Asia Pacific Neural Networks Society and appointed Senior Editor at AIHC (Springer).

**Prof. Preeti A. Bhobe**— Prof. Bhobe's team, along with PhD student Bikash Ranjan Sahoo, has developed lead-free, thermochromic perovskite materials that enable reversible color change. These eco-friendly materials promise applications in smart wearables, medical diagnostics, and adaptive architecture, representing a key innovation in sustainable material science. student Bikash Ranjan Sahoo, has developed lead-free, thermochromic perovskite materials that enable reversible color change. These eco-friendly materials promise applications in smart wearables, medical diagnostics, and adaptive architecture, representing a key innovation in sustainable material science.



**Prof. I. A. Palani** — Prof. I. A. Palani was honored with the Eminent Engineer Award by the Institution of Engineers (India).

**Prof. Biswarup Pathak** — In collaboration with Dr. Sneha Mittal and Dr. Milan Kumar Jena, Prof. Pathak has pioneered a method for early genetic mutation detection using Quantum AI Nanotechnology. This advancement enables ultra-precise, affordable DNA sequencing, offering transformative impact in cancer diagnostics and genomics.



**Dr. Chandresh Kumar Maurya** — Dr. Maurya has led the development of an AI-powered tool that interprets medical reports in 22 Indian languages. Utilizing OCR and natural language processing, the tool simplifies complex medical terminology and recommends relevant specialists, with a focus on aiding rural healthcare access. Integration with PHCs and hospital pilots is planned for late 2025.



**Prof. Ram Bilas Pachori**— Prof. Pachori delivered a plenary lecture at FTBH 2025, BIT Mesra, and was honored as an IEEE Fellow at ICASSP 2025. He also secured a new Indian patent in collaboration with ICMR, underscoring his impactful contributions to biomedical signal processing.



**Dr. Ashootosh Mandpe**— Dr. Mandpe delivered an invited lecture at NIT Arunachal Pradesh's Faculty Development Programme on "Emerging Trends in Environmental Engineering." He emphasized data-driven strategies for sustainable urban development.



**Prof. Kapil Ahuja** — Prof. Ahuja was conferred the Springer Nature Editorial Contribution Award under the Editor of Distinction Awards 2025. The recognition celebrates his significant editorial contributions to scholarly publishing in computer science.



## PATENTS

**Dr. Saptarshi Ghosh and Mr. Akhila Gauda**  
Title: "A Method for Uniform Placement of Unit Cells on a Curved Frequency Selective Surface"

**Dr. Abhijeet Joshi, Mr. Sandeep Chaudhary, and Mr. Tanmay Vyas**  
Title: "Portable Biosensing System and Method for Milk Spoilage and Adulteration Detection"

**Prof. Ram Bilas Pachori, Dr. M. Sabarimalai Manikandan (IIT Palakkad), and Mr. Jomole Varghese V (IIT Palakkad)**  
Title: "A System for PPG Signal Analysis"

**Dr. Amit Kumar, Prof. Apurba Das, Krishna Singh, and Dr. Tapas Ghosh**  
Title: "Peptides-Based Drug and Method Thereof"

**Prof. Shaibal Mukherjee, Sumit Chaudhary, Chandrabhan Patel, Bhramadutta Mahapatra, Vikash Kumar Verma, and Mayank Dubey**  
Title: "A Sensor-Based System to Detect Heavy Metal Ions in Water Samples"

**IIT Indore and IITI Drishti CPS Foundation**  
Title: "A System and Method for End-to-End Continual Speech-to-Speech Translation"

## Lectures, Seminars and Workshops

**2nd April 2025 – Prof. Victor Veliadis** (North Carolina State University) delivered an online lecture titled SiC Fabrication in a Silicon Fab under the domain of Nanotechnology.

**7th April 2025 – Prof. Liah Greenfeld** (Boston University) presented an online talk titled Mind, Modernity, Madness: The Impact of Culture on Human Experience, focusing on nationalism and cultural psychiatry.

**9th April 2025 – Dr. Subhash Kalidindi** (University of Delaware) gave an online lecture on Functional Soft Materials for Environmental and Healthcare Applications, addressing sustainable nanocomposites.

**9th April 2025 – Dr. Madhu Mishra** (Asia Pacific Center for Theoretical Physics) conducted an offline talk on Cosmology in String Theory: A New Paradigm, discussing the string landscape and inflation models.

**11th April 2025 – Prof. Anjan Giri** (IIT Hyderabad) delivered an offline lecture on Ghost Particles and Messengers of New Physics, exploring neutrinos and frontier particle physics.

**21st April 2025 – Prof. K. C. Sivakumar** (IIT Madras) presented an offline talk titled Inverse Tridiagonal Matrices, covering matrix theory and recent mathematical findings.

**26th April 2025 – Dr. Piyush K. Patel** (MANIT Bhopal) gave an online seminar on Energy Level Alignment at Interfaces in Solar Cells, focusing on simulation-based photovoltaic efficiency.

**28th April 2025 – Prof. Sanjay K. Madria** (Missouri University of Science and Technology, USA) conducted an offline session on AI-based Rescue Solutions for Underground Miners, introducing systems like MinerFinder and OGLE-Mine.

**29th April 2025 – Dr. Sonal Nagarkar Jaiswal** (CCMB Hyderabad) gave an offline lecture titled Inseparable/IER3IP1 are Essential for Cytokinesis, connecting genetic regulation to neuro-developmental disorders.

**30th May 2025 – Prof. Millie Pant** (IIT Roorkee) presented an offline lecture titled AI for Decision Making, discussing optimization, multi-criteria decision frameworks, and AI applications.

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