International
Institute of Information
Technology Bangalore

CONNECTING Tech to Life

ANNUAL REPORT 2025-26

www.iiitb.ac.in


iiit-b
ज्ञानमुत्तमम्
International
Institute of Information
Technology Bangalore

International Institute of Information Technology Bangalore

Foreword from the Director

It gives me great pleasure to present the Annual Report of IIIT-Bangalore for the academic year 2025–26.

The theme of this Annual Report, "Connecting Tech to Life," captures an idea that has always been central to our institutional purpose. Technology, in our view, acquires meaning when it moves beyond laboratories and classrooms to address real problems, improve lives and create opportunities. Over the past year, this principle has found expression across our academic, student, research and outreach activities.

Our students continued to demonstrate that technology is most powerful when combined with curiosity, creativity and social purpose. Through student projects, innovation initiatives, hackathons, clubs and entrepreneurship activities, they worked on solutions that connected computing and digital technologies with areas such as healthcare, sustainability, accessibility and everyday human needs. The launch of the Accessible Resource Centre was another important step towards making technology and education more inclusive, particularly for visually impaired students.

Our research and innovation ecosystem continued to strengthen the connection between technology and society. IIIT-Bangalore's work in areas such as Digital Public Infrastructure, MOSIP, Cybersecurity, Artificial intelligence, Networking and Communication, Data Science, VLSI and Digital Humanities reflects our commitment to developing technologies that can operate at scale and create tangible public value. IIIT-Bangalore received support and funding from the Government of India, Department of Science and Technology (DST), the Government of Karnataka, and many other corporates. Collaborative initiatives of our research centers and partnerships with International Institutions enabled our faculty and researchers to engage with contemporary technological challenges while keeping real-world applications firmly

"Connecting Tech to Life" is therefore not merely a theme for this Annual Report. It represents an aspiration for IIIT-Bangalore which is - to connect knowledge with application, innovation with impact, and technology with human needs.

I thank our Governing Body, Senate, faculty, staff, students, alumni, partners and well-wishers for their continued commitment and contribution to the growth of IIIT-Bangalore.

Prof. Debabrata Das
Director, IIIT-Bangalore

INDEX

International
Institute of Information
Technology Bangalore

1

DIRECTOR'S REPORT

Prof. Debabrata Das

Director, IIIT-Bangalore

This Report presents a snapshot of the significant achievements, milestones, and institutional progress of IIIT-Bangalore during the academic year 2025–26. The year witnessed continued momentum across academics, research, innovation, digital public infrastructure, global collaborations, sustainability, student and faculty excellence, and institutional development. These accomplishments reflect the Institute's enduring commitment to excellence in education and research, fostering innovation and entrepreneurship, and leveraging technology for meaningful societal impact. The year also marked several important milestones in the Institute's growth and global standing, further strengthening IIIT-Bangalore's position as a leading institution for technology, research, and innovation in India and beyond.

This year's Convocation marks a significant milestone in the history of IIIT-Bangalore, as the Institute's alumni community crosses the landmark of 5,000. With the graduating batch, the 5,268th student of IIIT-Bangalore joins the growing fraternity of its alumni, marking a proud moment in the Institute's journey and reflecting the enduring legacy of its academic excellence. This year's graduating class represents a cohort comprising of 316 students with, 14 Ph.D. Degrees, 32 Master of Science by Research Degrees, 175 with M.Tech (2 year) Degrees and 95 with Integrated M.Tech (5 year) Degrees.

26th Convocation is particularly memorable as we celebrate a historic milestone - the graduation of our 100th Ph.D. scholar graduated in the area of Computer Science. We are delighted to confer this PhD distinction today upon Dr. Vikas Vazhayil, a neurosurgeon from NIMHANS with MBBS and MS in Surgery degrees. This achievement exemplifies the transformative power of interdisciplinary research and underscores the profound convergence of medicine and surgery to deep technology. This IIITB's support to inter-disciplinary research led to a large funding to establish 'COBOT' R&D project from ITBT Department, Government of Karnataka for robotic Neuro-Surgery between IIITB & NIMHANS by Prof. Madhav Rao, Prof. Srikanth and Dr. Vikas Vazhayil.

The academic year opened on a truly memorable note when the Hon'ble Prime Minister graced IIIT-B with his presence on August 10, 2026. It was a moment of immense pride for our institute to welcome him to this very campus. We were equally privileged to host the Hon'ble Governor of Karnataka, the Hon'ble Chief Minister, the Hon'ble Deputy Chief Minister, along with several Union Ministers, CEOs of companies and distinguished dignitaries.

IIIT-Bangalore was also honoured with the International Green University Award 2025 on September 24, 2025 for the third consecutive year, in recognition of our sustainable practices aligned with UNESCO's Greening Education Partnership (GEP). The award was presented at the 9th NYC Green School Conference held alongside the 80th United Nations General Assembly, New York.

The institute's commitment to sustainability and social impact was also recognized through the ELCITA Sustainability Awards on July 2025, where IIIT-B received top honors for Biodiversity Management, Social Welfare & Community Services, and Outstanding Sustainability Initiatives reinforcing our commitment to environmental responsibility. For your information 60% of electricity consumed is renewable energy from our campus, 50% of water is reused for various activities, and we also get multiple cylinders of biogas /day for our in-house cooking to hostel inmates.

On December 17, 2025, IIIT-Bangalore received the "Top 50 Intellectual Property Driven Organisation in India" Award at the Confederation of Indian Industry (CII) Global Summit on Technology, R&D and Intellectual Property 2025.

The year marked another significant milestone with the 100th meeting of the Governing Body on December 11 2025, celebrating IIIT-B's remarkable journey and honoring our Chairman and also Mr. B. V. Naidu for his presence and contributions across all 100 meetings of the Governing Body.

IIIT-Bangalore was honoured with the AssisTech Foundation Award for the "Best Assistive Technology Initiative among Educational Institutes" at the Bengaluru Tech Summit 2025, recognizing our commitment to developing technology for inclusion and societal impact.

IIIT-Bangalore was honoured with the Sustainable Stall Award at the Bengaluru Tech Summit 2025, in recognition of its innovative and environmentally conscious exhibit alongside technological excellence.

The Institute's mission finds its truest expression in initiatives that create meaningful and lasting impact on society. During the year, IIIT-Bangalore continued to undertake and support several initiatives whose impact extends across India and beyond, reflecting its commitment to leveraging technology, knowledge, and innovation for the wider public good. Today, MOSIP stands as the world's leading digital public Identity infrastructure product, with digital identity

issued for more than 200+ million residents. When all 30 countries engaging with MOSIP reach national scale, we would touched the lives of 1+ billion citizens of the world.

This year, the Centre for Open Societal Systems (COSS) strengthened its engagement with the 15 countries. The architecture and solutioning is wholly supported by COSS.

The Centre for DPI is advising 32 countries on DPI architecture and implementation, with 7 countries undergoing live implementations.

OpenG2P, a platform for registration and delivery of social benefits, is being implemented across 8 countries 8 million registered users and 2 million USD cash distributed as DBT. INJI as credential verification, is working closely with 12 countries. CTRI-DG a research centre developed AI-based low code platform to help Digital Governance applications for CeG, GoK.

IIIT-Bangalore's work in Digital Public Infrastructure (DPI) continued to make a significant impact globally during the year. In June 2026, the President of Brazil, Mr. Luiz Inácio Lula da Silva, announced the national rollout of rural credit for farmers, with INJI and COSS being used in designing the underlying architecture. This milestone followed the signing of the MoU with the Government of Brazil and marked another important instance of IIIT-Bangalore's digital public infrastructure expertise being translated into large-scale public impact. The Institute also received letters of appreciation from several countries for its contributions, including a recent communication from Zanzibar.

The global reach of MOSIP was further demonstrated at MOSIP Connect 2026, held in Rabat, Morocco, in February 2026. The three-day conference brought together over 500 delegates from 40 countries and more than 100 companies, including global leaders and policymakers. Mr. Kris Gopalakrishnan delivered the welcome address, while Mr. Abdelhak Harak, Wali of Rabat, delivered the keynote address. Prof. S. Rajagopalan and the Director of IIIT-Bangalore presented the progress and global impact of the MOSIP initiative. The participation of the Chairman of IIIT-Bangalore at MOSIP Connect 2026 provided valuable guidance on the Institute's next phase of engagement in DPI, culminating in the establishment of the DPI Division.

The Institute has established a new Digital Public Infrastructure Division (DPI Division). It is responsible for articulating IIIT-B's DPI vision, guiding project origination and scope definition. The DPI Division will include all our DPI initiatives and establish Institute's standing as globally recognised Institute on DPI. I want to deeply thank Chairman, Prof. Rajagopalan and DPI projects team for all the success.

The Tele-MANAS project by E-Health Research Centre of IIIT-Bangalore in collaboration with NIMHANS and supported by the Ministry of Health, Government of India, has reached a new national benchmark. The platform, which offers tele-mental health support across the country, has now handled over 40 lakh calls—doubling last year's figure. Also, Tele MANAS Mobile App has been made available in 10 regional languages in Android and iOS. 5 more languages expected this year by October. Thanks to Prof. Srikanth and team.

A significant milestone in our commitment to inclusive education has been the establishment of the Accessible Resource Centre (ARC) in IIIT-Bangalore for visually impaired and specially challenged students. with support from Bosch Global Software Technologies and AI-Usability project from Microsoft Research, ARC is advancing STEM education for visually impaired children. Through ARC, the programme is also bringing hands-on STEM learning opportunities to students in remote schools, extending its impact far beyond the campus. ARC has conducted 50 Trainings, and trained 100+ teachers and 250+ Visually Impaired students. Also, ARC on wheels program has impacted 26 Schools across the Country.

The graduating IMTech and M Tech batch distinguished itself through exceptional achievements in academics, sports, and the arts. A few notable accomplishments include:-

IIIT-Bangalore students continued to distinguish themselves across national and international platforms during the year. A team comprising Ananth, Adithya and Shreyas, mentored by Prof. V. N. Muralidhara and Vivek Yadav, qualified for the ICPC World Finals 2026 in Dubai, placing IIIT-B among the select Indian institutions to reach the world's premier collegiate programming competition.

Students also excelled in innovation and technology competitions. Lakshya, Jayesh and Santhosh won the AWS ImpactX Challenge at Techfest, IIT Bombay, while Siddeshwar, Bhavya, Tanish, Vrajnandak and Dikshant secured first place at the DP World National Hackathon in Hyderabad. At the Smart India Hackathon 2025 Grand Finale, Kabir, Navya, Abhyudaya, Aangir, Soham and Hemant emerged victorious.

Beyond technology, IIIT-B students made their mark in sports and the performing arts. Jayesh and Nilay Prabodh Kamat won the Silver Medal in Men's Doubles at the NMIMS Intercollegiate Table Tennis competition. At Waves '25, BITS Pilani Goa, members

of the Symphony music club won multiple accolades, while the dance club Impulse secured first place in the Group Dance Competition at Envision '26, organised by ICFAI Business School. These achievements reflect the Institute's emphasis on nurturing excellence both within and beyond the classroom.

In March, At BITS ARENA 2026, our table tennis team -Nilay Kamat, Jayesh Pandit, Shreyas Arun, Siddharth Vikram, and Sathvik Rao—secured first place, while Sarvesh and Rakshith achieved a first and second place finish respectively in chess.

IIIT-Bangalore's vibrant student life received further recognition when INFIN8, the Institute's annual cultural festival, was conferred the "Best Cultural Fest of the Year (Engineering)" award by the Bangalore City Fests Council on June 20, 2026. This marked the second consecutive recognition, following the same award received in August 2025, reaffirming the quality and vibrancy of student-led cultural initiatives at the Institute. The achievement reflects the dedicated efforts of the Dean, Student Affairs, and the entire team in fostering a rich and engaging campus culture.

IIIT-Bangalore continued to celebrate the achievements of its scholars and alumni on the global stage. Sandeep Agrawal, a Ph.D. scholar, received the prestigious IEEE SA Standards Medallion 2025 at IEEE Headquarters, New Jersey, for his outstanding contribution to technology standardisation through the development of rural broadband and public Wi-Fi standards.

In November 2025, IIIT-Bangalore alumnus Nibin Mathew brought laurels to India by winning the Silver Medal at the International Blind Tennis Association (IBTA) Burgundy Grand Prix Finals 2025 in France.

The Institute also celebrates the entrepreneurial journey of Anshu Jain, a member of the Class of 2005 and recipient of the GE Scholarship. Following distinguished stints at IBM Research, Facebook and Ethos Life, he co-founded Outmarket AI, an emerging AI venture in the insurance sector, which has raised USD 22 million and serves over 250 companies. In recognition of his entrepreneurial achievements, Anshu Jain will receive the Late Sri N. Rama Rao Medal for Entrepreneur of the Year 2026.

Our faculty have continued to distinguish themselves through excellence in teaching, research, and professional service.

Prof. Chandrashekar Ramanathan, Dean (Academics), was recognized among the Top 10 Data Science Professors in India by Business Talk Magazine.

Prof. Uttam Kumar received the Karnataka Science Innovation/Discovery Award 2025 from the Department of Science and Technology, Government of Karnataka.

Prof. Narayanan P. P. received the IEEE Kerala Section Best Ph.D. Thesis Award 2025 for his pioneering research on inductive and capacitive sensor systems.

I am humbled and fortunate to receive the IEEE Bangalore Section (one of the largest IEEE section of the world) "Medal of Honor 2025" and the IESA Technovisionary Award 2026. I am grateful to my GB, colleagues, students and the institute community whose support and good wishes made these recognitions possible.

The year witnessed several significant milestones in IIIT-Bangalore's journey of growth and transformation. In 2026, the Institute launched its Extension Campus at Hosa Road, expanding its capacity to meet growing academic requirements and support initiatives aligned with the National Education Policy (NEP).

In January 2026, the Samsung Chip Design Studio was inaugurated, marking a landmark collaboration between IIIT-Bangalore and Samsung Semiconductor India Research to provide hands-on experience and nurture the next generation of chip designers. The initiative was led by Prof. Madhav Rao and Prof. Sakshi Arora.

In April 2026, IIIT-Bangalore was selected as NITI Aayog's first Lead Knowledge Institution under the State Support Mission, recognising the Institute's expertise in Data Science and Artificial Intelligence. The initiative was spearheaded by Prof. Srinath Srinivasa, whose efforts contributed significantly to this important institutional milestone.

27 IAS, IPS and IFS officers from Government of Assam along with Special Chief Secretary went through 6 days in April 2026, in house AI for DPI training in IIIT-Bangalore and EK-Step. Thanks to our CPE Division Prof. Sridhar V and Mr. Shankar for all coordination. Similarly, we do multiple in house training for GoK employees in software, security, and AI.

KVLSI Cohort 3 was Inaugurated by Dr. Manjula N, IAS, Secretary to Government, Department of E IT, BT & ST, Government of Karnataka on April 3, 2026. K-VLSI, is a initiative from Government of Karnataka along with IIIT-Bangalore, KDEM, IESA, and SAFL, designed a 6-9 month skill development pilot program is specifically tailored for VLSI Design. IIIT-Bangalore had trained 367 Students till date.

The New Age Innovation Network (NAIN) 2.0, Innovation Conclave was held on April 3, 2026. It was an initiative of the Government of Karnataka under the Startup Policy 2025–30. IIIT-Bangalore was chosen to mentor the 6 Institutions from Bengaluru Rural and Mangaluru Region Colleges. 64 projects from these 6 institutions were showcased on this event. 600 Students and Faculty from this college attended the event.

We were pleased to sign an MoU with the Indian Naval Academy on December 2025, paving the way for deeper collaboration in academics and research. We are particularly proud that cadets from the Academy have already begun undertaking project work at IIIT-Bangalore, enabling us to contribute the talent and capabilities for our Armed Forces. We are also working with Indian Air Force closely on some R&D projects too.

Under the MoU between Île-de-France and IIIT-Bangalore, our second batch of B.Tech. students from the Data Science & AI department had visited the Aivancity School for Technology in Paris-Cachan. There, they participated on AI and Ethics. We were equally delighted to welcome students from Aivancity to our campus at IIIT-B, strengthening the spirit of academic exchange and international collaboration. Thanks to Prof. Dinesh for the initiatives.

The 2025–26 placement season has been particularly remarkable, with over 100+ leading companies participating in the recruitment process. As we know, it is difficult time across globe. Every student is bright and good, we like each one. With all humbleness, want to say, the highest package of INR 1.5 crore offered to an Integrated M.Tech student, while two additional students secured packages exceeding INR 1.3 crore to work in India. More than 22 students received compensation packages above INR 60 lakh, 27 students secured offers in the INR 40–60 lakh range, and median Rs 41 lakhs till date and 39 for ECE of iMTech. However, let us respect each student, companies privacy, we will not disclose the names. We are sure, all the students will be placed or go for higher studies or entrepreneurships according to their likes. Thanks to Placement officer Prof. Jaya, Ms Roshni and all the students volunteers for this achievements in difficult times.

In total, 501 offers were made, comprising 278 internships and 233 full-time roles. Our students also expanded their global footprint by securing prestigious international internships in countries such as Austria, Japan, France, and Canada.

IIIT-B continues to remain at the forefront of research and innovation, driven by our mission to create impactful technologies and collaborative ecosystems. Currently, 130 projects going on across various centres and Labs. Among them, 17 are from the Central government, 8 from the state government, 21 international projects, 72 from industry collaborations, welfare organizations and CSR grants.

IIIT-B Offers online Continuing Professional Education (CPE) courses in key areas like Data Science, ML & AI, Software Development, Cyber security and UIUX. So far, 37751 people have graduated from these programmes.

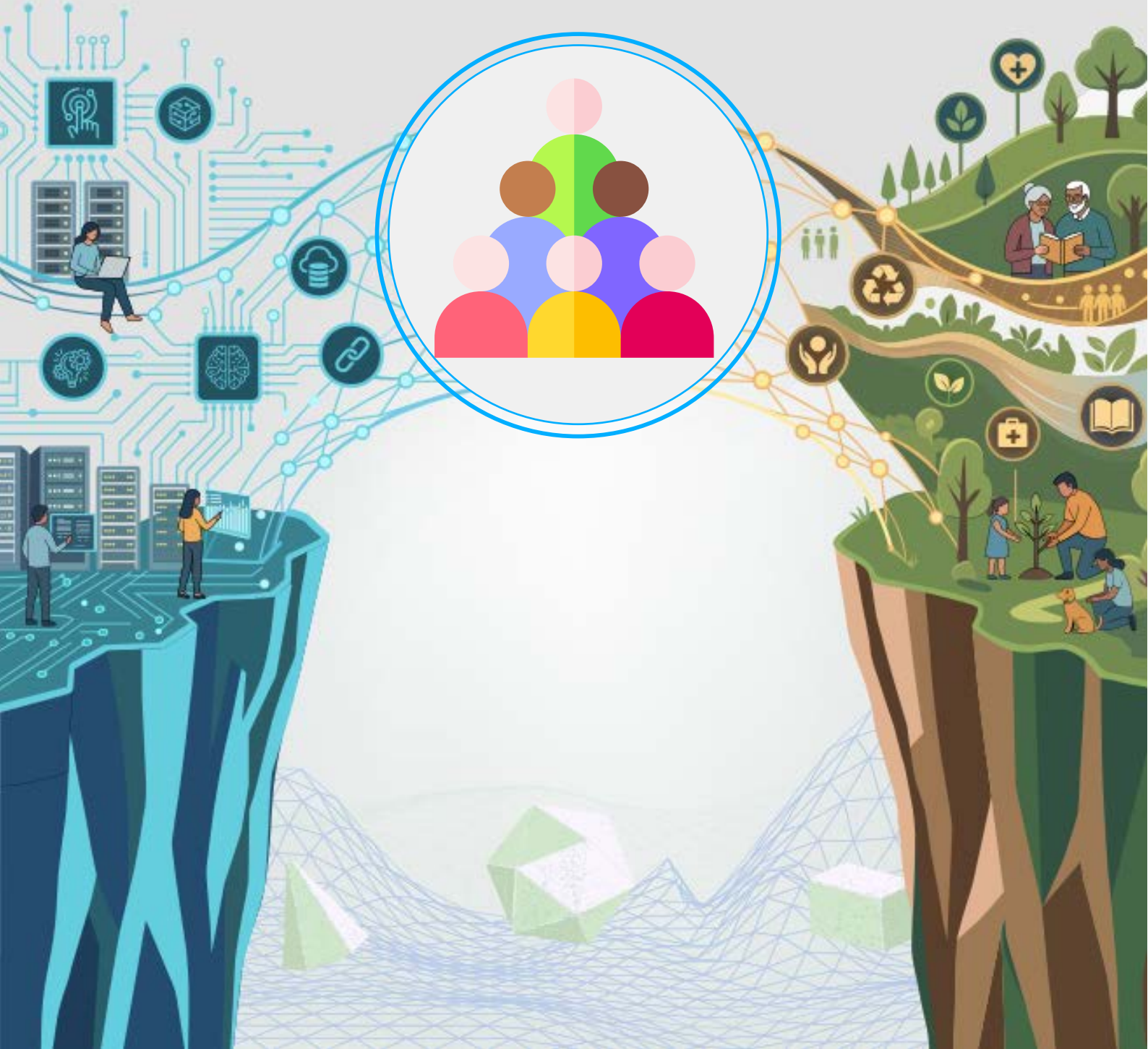
As IIIT-Bangalore concludes another year of growth, achievement and transformation, the Institute remains firmly committed to excellence in education, research and innovation, and to creating meaningful societal impact. The milestones of 2025–26 are a reflection of the collective efforts of our students, faculty, staff, alumni and partners. With this strong foundation, IIIT-Bangalore looks ahead with confidence and ambition, ready to embrace new opportunities and contribute even more significantly to India and the world.

International Institute of Information Technology Bangalore

International
Institute of Information
Technology Bangalore

2

GOVERNING BODY



GOVERNING BODY MEMBERS

Mr. S Gopalakrishnan
Chairman, Governing Body,
Co-Founder, Infosys

Prof. Debabrata Das
Director,
IIIT-Bangalore

Mr. Giridhar Aramane, IAS
(Retd.)

Mr. Ritesh Kumar, IAS
IAS Principal Secretary Finance,
Government of Karnataka

Dr. Manjula N, IAS
Secretary, E, ITBT and S&T
Government of Karnataka

Mr. B V Naidu
Chairman,
Sagitaur Ventures Pvt. Ltd.

Prof. Rishikesha T Krishnan
Director,
Indian Institute Of Management - Bangalore

Prof. Anurag Kumar
Honorary Professor,
IISc

Mr. Naresh Shah
Former President, India R&D
Hewlett Packard Enterprise

Mr. T K Srirang
Managing Director & CEO,
ICICI Securities Limited

Mr. Sanjeev Malhotra
CEO, NASSCOM Centre of
Excellence for IoT and AI

Mr. Shaji Mathew
Group Head of Human Resources,
Infosys

Ms. Kishore Ramisetty
Vice President,
Data Platforms Group

Mr. Khadim Batti
Co-founder & Chief Executive Officer,
Whatfix

Cmde SR Sridhar (Retd.)
Registrar, IIIT-Bangalore -
Secretary to the Board
and Outreach Head

HIGHLIGHTS OF

GOVERNING BODY MEETINGS

August 6, 2025
99th Governing Body Meeting

- Recommended appointment of Statutory Auditors for FY 2025–26.
- Approved appointment of Internal Auditors for FY 2025–26.
- Reviewed Internal Audit and Statutory Audit observations.
- Recommended Annual Financial Statements for FY 2024–25 for AGM approval.
- Approved revisions to the IIIT-B Human Resources Manual after an extensive review process.
- Approved extension of the Faculty Selection and Promotion Committee experts.
- Reviewed progress of the East Campus expansion.
- Approved in principle the proposal to negotiate purchase of an additional 2.25-acre land parcel adjacent to the East Campus for future expansion.
- Suggested exploring CSR funding to support land acquisition.
- Recommended maintaining a stronger institutional corpus and enhancing research funding through increased PhD intake and commercialization of research initiatives.

December 3, 2025
100th Governing Body Meeting

- Celebrated the milestone 100th Governing Body Meeting.
- Felicitated founding member Mr. B. V. Naidu for serving continuously from the first Governing Body meeting.
- Inducted Dr. Manjula N., IAS as a new Governing Body member.
- Recorded appreciation for the contributions of Dr. Ekroop Caur, IAS.
- Approved revised consultancy norms for faculty.
- Approved opening of NSDL Demat and CSGL accounts to diversify institutional investments within approved regulatory norms.
- Constituted a sub-committee to oversee investments in debt instruments.
- Approved participation in acquiring the adjacent BSNL land for future campus expansion.
- Reviewed progress of East Campus development and Government approvals.
- Governing Body was apprised of appointments of new faculty members and major institutional events.

The 100th meeting of the Governing Body was held in the presence of the Chairman of the Governing Body, Mr. S Gopalakrishnan, the Director of IIIT-Bangalore, Prof. Debabrata Das, and other Governing Body members. Mr. B. V. Naidu, a Governing Body member who has been part of all 100 Governing Body meetings, was felicitated on this occasion. Along with him, the Chairman, Mr. Kris Gopalakrishnan, was also honoured during the meeting.

March 12, 2026
101st Governing Body Meeting

- Approved the Annual Budget for FY 2026–27.
- Approved capital expenditure of approximately ₹192.86 crore for East Campus development, Extension Campus facilities, IT infrastructure, laboratories and institutional assets.
- Approved establishment and operational planning for the Extension Campus.
- Approved revision of tuition fees for future academic years.
- Approved revised PhD tuition fee structure to encourage greater research enrolment.
- Approved annual pay revision for faculty and staff.
- Approved continuation of Prof. V. Sridhar as Professor of Practice.
- Reviewed Internal Audit observations.
- Considered and approved extension of Prof. Debabrata Das' tenure as Director for a further period of five years with effect from July 05, 2026.

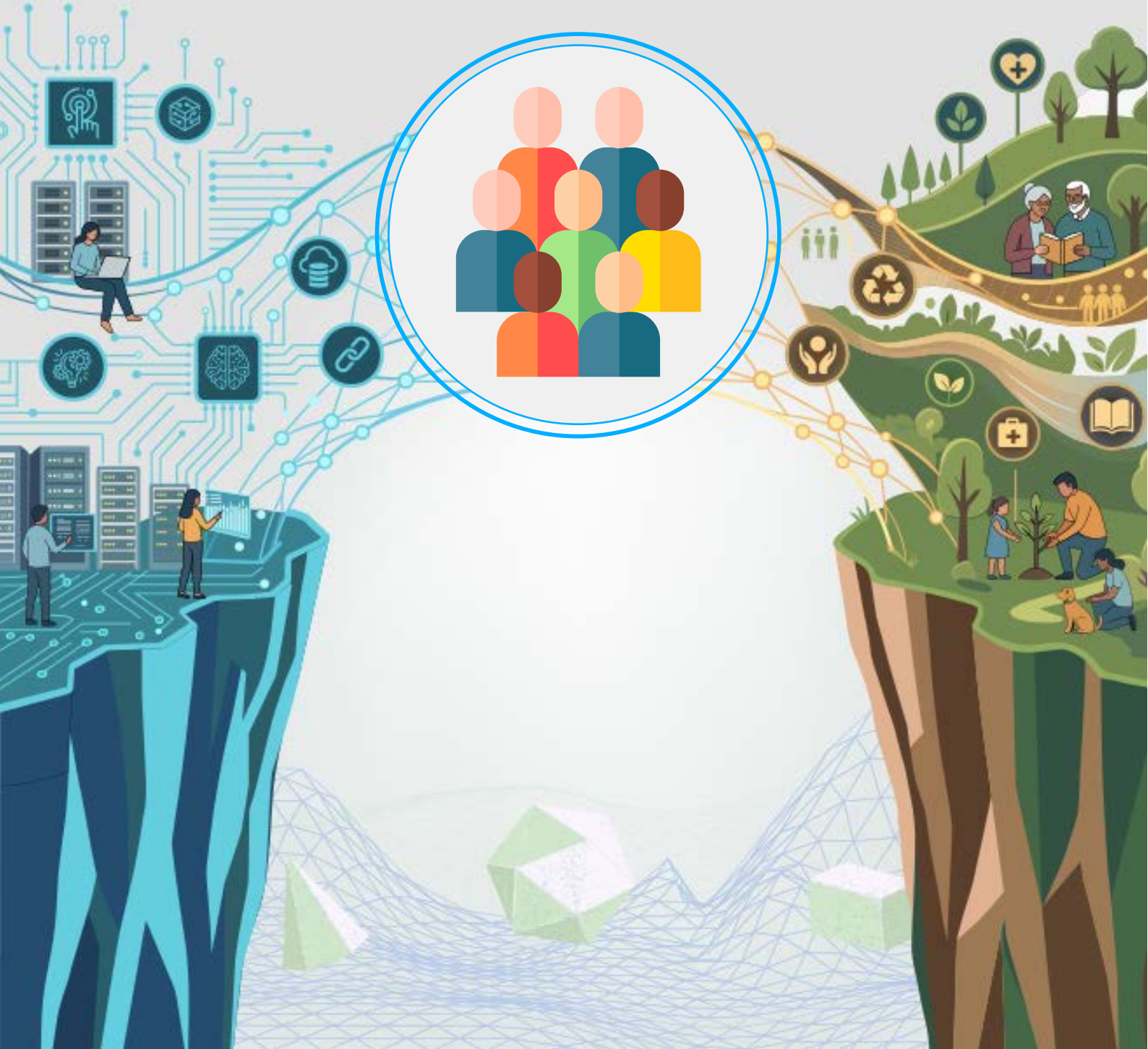
July 5, 2026
102nd Governing Body Meeting

- Approved the award of degrees to:
  - 14 PhD scholars
  - 32 M.S. by Research students
  - 175 M.Tech students
  - 95 Integrated M.Tech graduates
  - 18 PGD-DPDM graduates.
- Approved the posthumous award of a Certificate in Memoriam to Late Divyansh Singhal.
- Approved scholarships and medals for graduating students.
- Reviewed the analysis of the Class of 2026.
- Noted appointments of new Deans for Research & Development, Academics, Student Affairs and Faculty.
- Appreciated the contributions of outgoing Deans.
- Congratulated Prof. Debabrata Das on assuming his second term as Director.
- Chairman-in-Charge Mr. B. V. Naidu inaugurated the Institute's 250 kWp Rooftop Solar Power System.
- Governing Body members interacted with and felicitated award-winning students.

International
Institute of Information
Technology Bangalore

3

SENATE



SENATE MEMBERS

CHAIRMAN: Prof Debabrata Das

MEMBERS, EDUCATIONISTS OF REPUTE

1. Dr. Shashank Agashe - Educationist of repute
2. Dr. Roland Haas - Educationist of repute

TEACHING MEMBERS

1. Prof. R. Chandrashekar – Dean (Academics)
2. Prof. Shrisha Rao – Dean (Faculty)
3. Prof. Manisha Kulkarni – Dean (Student Affairs)
4. Prof. Srinath Srinivasa – Dean (R&D)
5. Prof. Balaji Parthasarathy
6. Prof. Jyotsna Bapat
7. Prof. Meenakshi D'Souza
8. Prof. V. Ramasubramanian
9. Prof. Jaya Sreevalsan Nair
10. Prof. Ajay Bakre
11. Prof. V. N. Muralidhara
12. Prof. T. K. Srikanth
13. Prof. V. Sridhar
14. Prof. Amit Prakash
15. Prof. Madhav Rao
16. Prof. Dinesh Babu Jayagopi
17. Prof. B. Thangaraju
18. Prof. R. Badrinath
19. Prof. B. Ashok
20. Prof. Sujit K. Chakrabarti
21. Prof. Ashish Choudhury
22. Prof. Sachit Rao
23. Prof. Pradeesha Ashok
24. Prof. Amit Chattopadhyay
25. Prof. Uttam Kumar
26. Prof. Shiva Kumar Malapaka – Basic Sciences Representative
27. Prof. Priyanka Das – Networking, Communication & Signals Representative
28. Prof. Viswanath Gopalakrishnan – Data Science Representative
29. Prof. Kurian Polachan – Embedded Systems & Electronics Design Representative
30. Prof. Raghuram Bharadwaj

NON-TEACHING MEMBERS

1. Cmde. S. R. Sridhar (Retd.) – Registrar & Secretary to the Senate
2. Ms. Ramadevi S
3. Ms. Cynthia D'Mello
4. Mr. Somashekar T. S.
5. Ms. Akshatha P. B.
6. Ms. Shilpa Naldurgkar

HIGHLIGHTS OF
SENATE MEETINGS

October 15, 2025
105th Senate meetings

- Approval of three new courses:
  - Introduction to Data Comms & Networking
  - Engineering Physics
  - Microcontroller Programming
- Updates on Continuing Professional Education (CPE) programmes, including:
  - New Chief Technology & AI Officer (CTAIO) programme with IIM Udaipur.
  - Formation of Senate sub-committees for CPE programmes.
  - Approval/reporting of graduates from executive programmes.
  - Launch of Samsung Research certificate programmes in Embedded Systems with AI and AI for Wireless Communications.

December 10, 2025
106th Senate Meeting

- Approval of four new courses:
  - Introduction to Indian Knowledge Systems
  - Introduction to Environmental Science
  - Topics in Indian Knowledge Systems
  - Topics in Environmental Science
- Approval of the intake for various academic programmes for the academic year 2026–27, including revisions to B.Tech., Integrated M.Tech., M.Tech., and PG Diploma programmes.
- Reporting of changes to the PGD-DPDM curriculum.
- Reporting of academic milestones, plagiarism compliance, and students who discontinued or were on extended leave.
- Continuing Professional Education (CPE) programme updates, including:
  - Graduation of various executive programme cohorts.
  - Launch of new CPE programmes.

February 4, 2026
107th Senate Meeting

- Approval of four new courses:-
  - Introduction to Indian Knowledge Systems
  - Introduction to Environmental Science
  - Topics in Indian Knowledge Systems
  - Topics in Environmental Science
- Approval of the 2026–27 intake for B.Tech., Integrated M.Tech., M.Tech., and PG Diploma programmes.
- Reporting of proposed changes to the PGD-DPDM curriculum.
- Continuing Professional Education (CPE) updates, including:
  - Graduation of executive programme cohorts.
  - Launch of new executive and professional programmes in Digital Public Infrastructure, Data Science with Generative AI, and Applied AI & Agentic AI.

April 15, 2026
108th Senate Meeting

- Approval of nine new course proposals, including:
  - Machine Learning and Optimization
  - Advanced Topics in Databases
  - Hardware Security
  - Compilers
  - Foundations of Machine Learning
  - Electronic Circuits and Network Analysis
  - Control Theory
  - Real-Time Operating Systems (Theory)

- Real-Time Operating Systems (Lab)
- Review of Continuing Professional Education (CPE) programme updates and approval of graduates from various executive programmes.
- Approval of the Posthumous Award of Degree/ Certificate Policy for B.Tech., Integrated M.Tech., and M.Tech. programmes.
- Approval of the schedule for the 109th Senate Meeting.
- Approval of CSE curriculum revisions, including:
  - Changes to course sequencing.
  - Introduction of Compilers and Foundations of Machine Learning as core courses.
  - Revision of elective requirements.
- Approval of revised B.Tech. Honours and B.Tech. Minor regulations:
  - Extra credits reduced from 20 to 12.
  - B.Tech. Thesis made mandatory for Honours.
- Approval to increase the maximum semester course load from 24 to 26 credits (from the 5th semester onwards) to facilitate Honours and Minor programmes.
- Approval of recommendations from the Academic Performance Management Committee (APMC) to strengthen academic guidance and counselling for students.

June 17, 2026
109th Senate Meeting

- Recommendation of students for the award of degrees at the 26th Convocation:
  - 14 Ph.D. degrees
  - 32 M.S. by Research degrees
  - 175 M.Tech. degrees (147 CSE, 28 ECE)
  - 18 PG Diploma in Digital Product Design and Management (PGD-DPDM) awards
  - 95 Integrated M.Tech. (B.Tech. + M.Tech.) degrees (73 CSE, 22 ECE)
- Approval of scholarships and medals for graduating students.
- Approval of a Certificate in Memoriam (instead of a posthumous degree) for Late Divyansh Singhal under the Institute's Posthumous Award Policy.
- Reporting of:
  - Non-graduating students.
  - Students discontinued from academic programmes.
- Updates from the Senate Sub-Committee for Continuing Professional Education (CPE) programmes.
- Approval of the 2026 Senate meeting schedule (110th, 111th and 112th meetings).
- Any other matter with the permission of the Chair, including:
  - Approval of PGD-DPDM medals and prizes.
  - Approval of Mr. Vikram L. R.'s appeal for a six-month Ph.D. registration extension and change of supervisor

July 15, 2026
110th Senate Meeting

- Review of the Low CGPA student list and recommendations of the Academic Performance Management Committee (APMC), with directions to counsel students and parents, particularly those recommended for withdrawal or repetition of a year.
- Approval of a new 3-credit General Elective course:
  - Building Tech Driven Ventures in an AI Era, focusing on entrepreneurship, AI-driven venture creation, design thinking, lean startup principles, intellectual property, and investor pitching.
- Approval of recommendations of the Senate Sub-Committee for Continuing Professional Education (CPE), including graduates of:
  - Executive Post Graduate Programme in Data Science & Artificial Intelligence (Cohort 76).
  - Executive Diploma in Data Science & Artificial Intelligence (Cohort 76).
  - Executive Post Graduate Programme in Machine Learning & Artificial Intelligence (Cohorts 71 and 72).

International
Institute of Information
Technology Bangalore

4

CONVOCATION

IIIT-Bangalore
CONVOCATION
WINGS OF EXCELLENCE

IIIT-BANGALORE CONFERRED

316 GRADUATES

WITH DEGREES DURING

26TH IIIT-BANGALORE CONVOCATION

The International Institute of Information Technology Bangalore (IIIT-B) held its 26th Annual Convocation on July 5, 2026. The ceremony was graced by Chief Guest Prof. Rajat Moona, Director, IIT Gandhinagar, and Guest of Honour Dr. V. Veerappan, Chairman, Electronic City Industrial Township Authority (ELCITA), and Co-founder & President, Tessolve Semiconductor. The convocation was presided over by Mr. B.V. Naidu, Chairman-in-Charge of the IIIT-B Governing Body, along with Director Prof. Debabrata Das. A total of 316 students graduated across various programmes, including 95 Integrated M.Tech, 175 M.Tech, 32 M.S. by Research, and 14 PhD scholars, marking another significant milestone in the institute's academic journey.

Director Prof. Debabrata Das congratulated the graduating Class of 2026 on reaching a significant milestone in their academic journey and extended his best wishes as they embarked on the next phase of their careers. Welcoming the gathering, he presented the Institute's Annual Report, highlighting IIIT-B's key achievements in academics, research, innovation, industry collaborations and institutional development during the year. He acknowledged the graduating cohort's exceptional talent, resilience and commitment across diverse domains, including computing, artificial intelligence (AI), electronics, digital public infrastructure (DPI) and interdisciplinary research. He noted that their accomplishments in research, innovation, entrepreneurship, competitive programming, publications and industry collaborations reflected IIIT-B's commitment to academic excellence and technology-driven societal impact. Expressing confidence in the graduates, he encouraged them to uphold the values of integrity, innovation and lifelong learning while making meaningful contributions to society and the global technology ecosystem.

Chief Guest Prof. Rajat Moona, Director of IIT Gandhinagar, congratulated the graduating Class of 2026 and wished them success in their future endeavours. In his convocation address, he urged graduates to embrace lifelong learning in an era of rapid technological advancement, observing that technology is evolving at an unprecedented pace and that today's knowledge can quickly become outdated in the age of artificial intelligence. He encouraged students to remain intellectually curious and continuously expand their knowledge and skills throughout their careers. Stressing that there is no substitute for hard work, he reminded the graduates that sincere effort itself is a measure of success and that rewards should never be the sole motivation. Prof. Moona also underscored the importance of integrating human values with professional excellence, calling upon graduates to remain humble, confident and socially responsible while contributing to society and the nation through emerging fields such as artificial intelligence, semiconductors, quantum computing and other frontiers of science and technology.

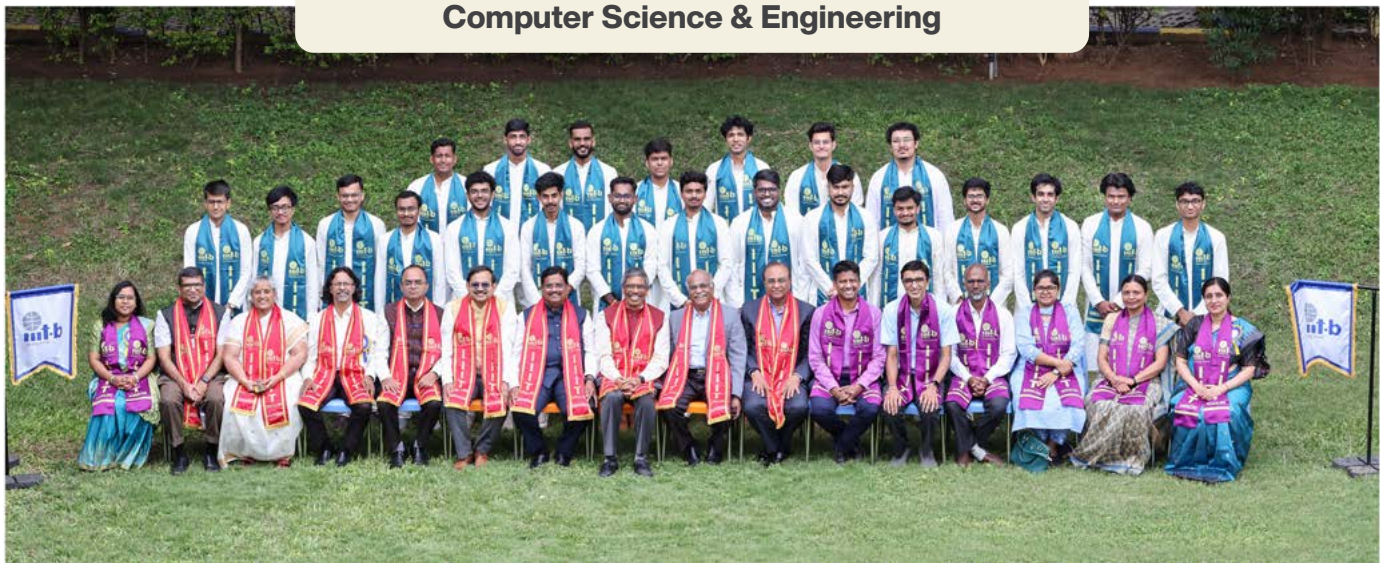
100th Ph.D of IIIT-Bangalore was awarded to Dr. Vikas V, A professor of Neurosurgery at Nimhans was awarded a doctorate in Computer Science.

Guest of Honour Dr. V. Veerappan, Chairman of the Electronic City Industrial Township Authority (ELCITA) and & President, Tessolve Semiconductor, congratulated the graduating students and encouraged them to make meaningful contributions to society through innovation and responsible leadership. Reflecting on the remarkable transformation of Electronic City into a globally recognised technology hub, he highlighted its achievements in sustainability, including becoming zero waste to landfill, water positive and progressing towards net-zero emissions. He encouraged graduates to take pride in having studied in an ecosystem that exemplifies innovation and responsible urban development. Describing the present as one of the most exciting periods in history, driven by rapid technological advancement and India's expanding digital infrastructure, he urged students to uphold the values of respect, humility and gratitude by honouring their parents and teachers. Encouraging them to think boldly, embrace change, give back to society, and explore teaching and entrepreneurship as meaningful career paths, he emphasised that visionary thinking and adaptability are essential to creating lasting impact.

Chairman-in-Charge of the Governing Body Mr. B.V. Naidu congratulated the graduating Class of 2026 and encouraged them to seize the immense opportunities before India's young technology professionals as the country advances towards becoming a global leader in the digital economy. He emphasised that graduates have a vital role in shaping India's future through contributions to artificial intelligence, semiconductors, deep technologies, cybersecurity and digital public infrastructure. Encouraging students to build their careers in India, he observed that the country's rapidly expanding innovation ecosystem provides an ideal platform for entrepreneurship, research and technological leadership. Rather than limiting themselves to employment, he urged graduates to aspire to become founders, innovators and creators of intellectual property, generating employment and contributing to national development. Sharing six guiding principles curiosity, character, competence, courage, compassion and commitment - he encouraged graduates to pursue continuous learning, uphold integrity, embrace collaboration and remain committed to excellence. He concluded by urging them to dream big, think differently, create technologies that deliver societal impact and contribute to India's emergence as a global innovation leader.

Integrated Master of Technology
Electronics and Communication Engineering

Integrated Master of Technology
Computer Science & Engineering

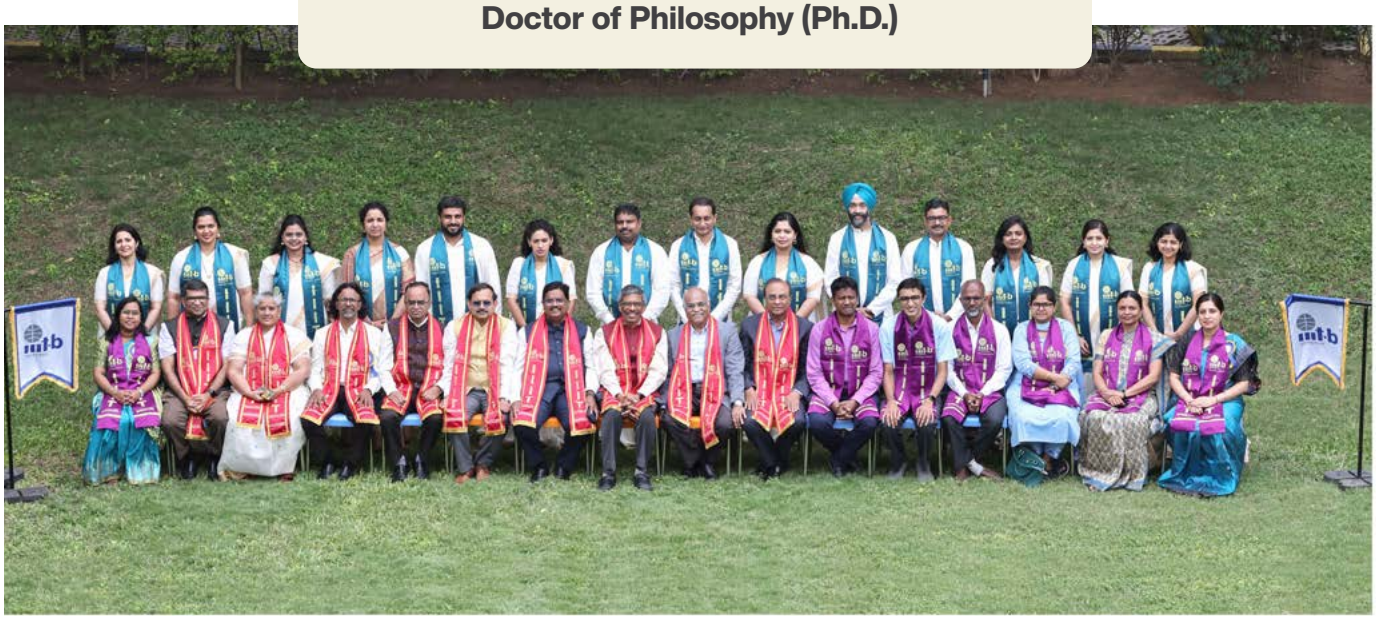


Master of Technology
Computer Science & Engineering

Master of Technology
Electronics and Communication Engineering

Master of Science by Research

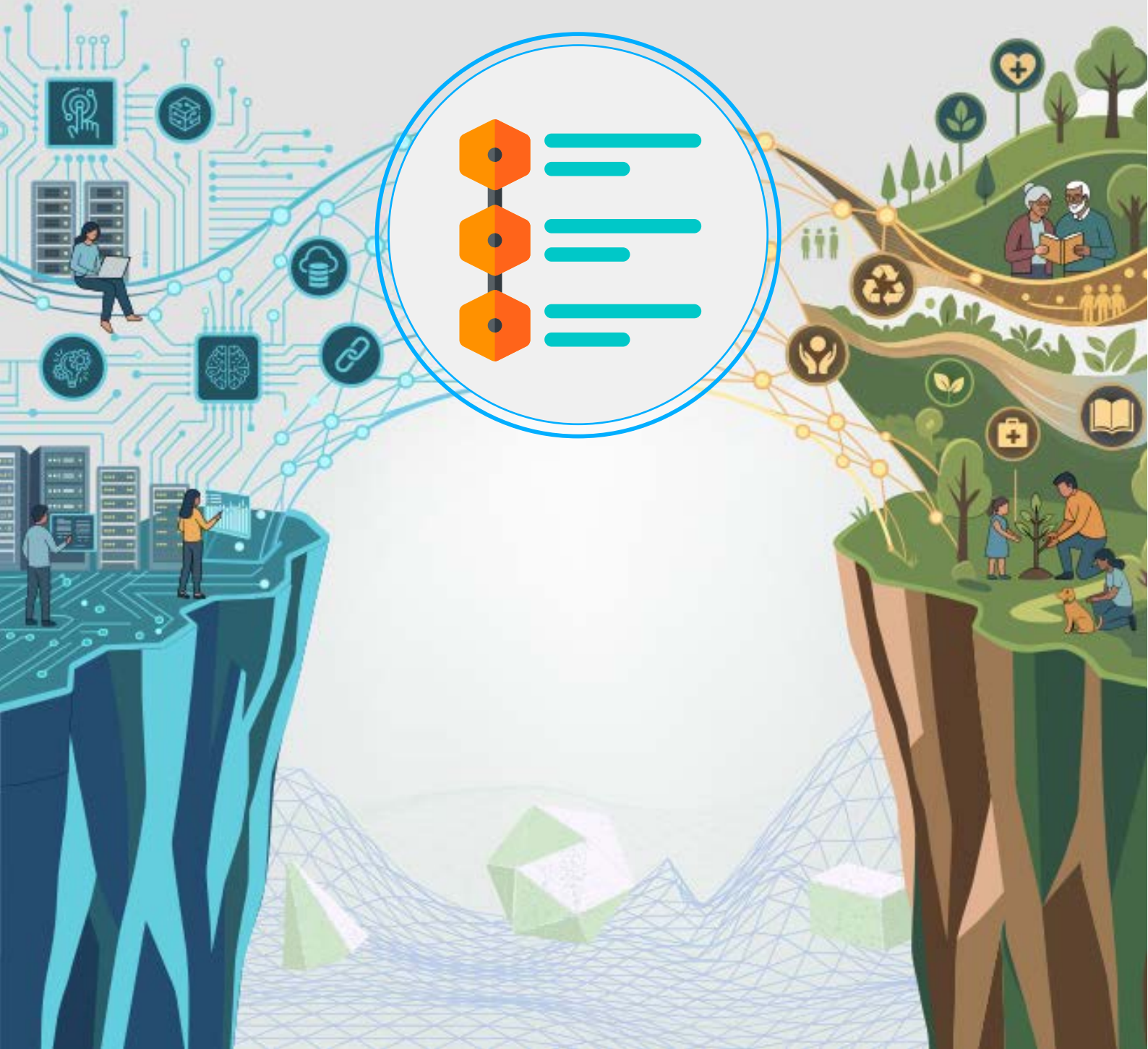
Doctor of Philosophy (Ph.D.)



International
Institute of Information
Technology Bangalore

5

DEAN'S LIST



DEAN'S LIST -AY 2025-2026

The Dean's List at IIIT-B honours the students who have achieved high academic excellence across all the courses completed by them. The list is updated annually on the basis of the Cumulative Grade Point Average (CGPA) obtained by students. Heartiest congratulations to the B.Tech., M.Tech. and Integrated M.Tech. Dean's List students from the **Department of Computer Science and Engineering for 2026**

#	Roll No	Name	Program
1	BT2024162	Vedansh Patel	Bachelor of Technology CSE
2	BC2025047	Krishna Vivek Toshniwal	Bachelor of Technology CSE
3	BC2025049	Kshitij Mahendra Pachpande	Bachelor of Technology CSE
4	BT2024086	Pranav Goyal	Bachelor of Technology CSE
5	BT2024035	Aditya Nityanand Bhat	Bachelor of Technology CSE
6	BT2024028	Sutaria Parth Anandkumar	Bachelor of Technology CSE
7	BT2024072	Sumanth Y M	Bachelor of Technology CSE
8	BC2025069	Panav R G	Bachelor of Technology CSE
9	BT2024200	Molleti Tatwik Sai	Bachelor of Technology CSE
10	BC2025119	Yashamit Viyay Dawane	Bachelor of Technology CSE
11	BT2024192	H Sanjay	Bachelor of Technology CSE
12	BT2024075	Dhyan Santoshbhai Patel	Bachelor of Technology CSE
13	BC2025061	Meka Satwik Reddy	Bachelor of Technology CSE
14	BC2025008	Anamitra Basu	Bachelor of Technology CSE
15	BT2024015	Aksha Alkesh Jain	Bachelor of Technology CSE
16	BT2024151	Aryan Viraj Khadgi	Bachelor of Technology CSE
17	BC2025062	Mirza Ayaan Baig	Bachelor of Technology CSE
18	BC2025110	Venkatachala Darshan Gurumurthy	Bachelor of Technology CSE
19	BT2024053	Taneesh Kamleshkumar Bhojawala	Bachelor of Technology CSE
20	BC2025043	Kedar Mallya	Bachelor of Technology CSE
21	BC2025007	Amogh Gurudatta	Bachelor of Technology CSE
22	BC2025011	Ariv Malik	Bachelor of Technology CSE
23	BC2025099	Surya Kiran Basava	Bachelor of Technology CSE
24	BT2024054	Ayush Patel	Bachelor of Technology CSE
25	BC2025002	Aayushi Agarwal	Bachelor of Technology CSE
26	BC2025003	Abhijay Jindal	Bachelor of Technology CSE
27	BC2025065	Muhammad Raza Khan	Bachelor of Technology CSE
28	BC2025022	Binish Sood	Bachelor of Technology CSE
29	BT2024190	Penumarti Hanish	Bachelor of Technology CSE
30	BC2025085	Samarth Patidar	Bachelor of Technology CSE
31	BT2024032	B Gagan Syam Reddy	Bachelor of Technology CSE
32	BT2024033	Awwab Farid Ghole	Bachelor of Technology CSE
33	BT2024156	Abhinav Bhatia	Bachelor of Technology CSE
34	BC2025058	Mangwani Lakshya Bharatkumar	Bachelor of Technology CSE

35	BC2025078	Pratham Bhadresh Vyas	Bachelor of Technology CSE
36	BT2024088	Omkumar Alpeshbhai Aghera	Bachelor of Technology CSE
37	BC2025096	Sri Hansika Chitturi	Bachelor of Technology CSE
38	BT2024144	Manne Rohith Sai	Bachelor of Technology CSE
39	BT2024180	Abhyudaya Singh	Bachelor of Technology CSE
40	IMT2023513	Aryan Vivek Bansal	Integrated Master of Technology CSE
41	IMT2023029	Abhirath Adamane	Integrated Master of Technology CSE
42	IMT2021022	Subhajeet Lahiri	Integrated Master of Technology CSE
43	IMT2022028	Nikita Kiran	Integrated Master of Technology CSE
44	IMT2023026	Siddharth Prashant Kini	Integrated Master of Technology CSE
45	IMT2021019	Siddharth Kothari	Integrated Master of Technology CSE
46	IMT2022089	Aayush Bhargav	Integrated Master of Technology CSE
47	IMT2022115	Dave Kandarp Samir	Integrated Master of Technology CSE
48	IMT2022017	Prateek Rath	Integrated Master of Technology CSE
49	IMT2024032	Rudra Hardik Shroff	Integrated Master of Technology CSE
50	IMT2023112	Mohammed Ibrahim	Integrated Master of Technology CSE
51	IC2025025	Rushil Vishal Parikh	Integrated Master of Technology CSE
52	IMT2021037	Handa Neil Jeetendra	Integrated Master of Technology CSE
53	IMT2021040	Vikas Kalyanapuram	Integrated Master of Technology CSE
54	IMT2022031	Maramreddy Siddharth Reddy	Integrated Master of Technology CSE
55	IMT2022064	Praveen Peter Jay	Integrated Master of Technology CSE
56	IMT2022523	Dyuthi Vivek	Integrated Master of Technology CSE
57	IMT2023116	Pramatha V Rao	Integrated Master of Technology CSE
58	IMT2022570	Mupparapu Koushik	Integrated Master of Technology CSE
59	IMT2022075	Aditya Priyadarshi	Integrated Master of Technology CSE
60	IMT2021009	Madhav Sood	Integrated Master of Technology CSE
61	IMT2022082	Sathvik S Rao	Integrated Master of Technology CSE
62	IMT2023523	Jayant Sharma	Integrated Master of Technology CSE
63	IMT2023003	Pasupuleti T A N S V Vignesh	Integrated Master of Technology CSE
64	IMT2021055	Vidhish Trivedi	Integrated Master of Technology CSE
65	IMT2024003	Gutha Raj Vardhan	Integrated Master of Technology CSE
66	IMT2024014	Akshay K M	Integrated Master of Technology CSE
67	IC2025003	Aaronya Chakraborty	Integrated Master of Technology CSE
68	IMT2021103	Shlok Agrawal	Integrated Master of Technology CSE
69	IMT2023037	Chinthakunta Sai Venkata Chandrahas Reddy	Integrated Master of Technology CSE
70	IMT2023051	Saheem Showkat Reshi	Integrated Master of Technology CSE
71	IMT2023113	Bojja Sunhith Reddy	Integrated Master of Technology CSE
72	IMT2024036	Ryan Sajan Varughese	Integrated Master of Technology CSE
73	IMT2021048	Chavan Suyash Ajit	Integrated Master of Technology CSE
74	IMT2023011	Aarpeet Chandrasekhar	Integrated Master of Technology CSE
75	IMT2023075	Ankith Kini	Integrated Master of Technology CSE

76	IC2025020	Nimit Rathaur	Integrated Master of Technology CSE
77	IMT2022042	Sai Venkata Sohith Gutta	Integrated Master of Technology CSE
78	IMT2021028	Sankalp Kothari	Integrated Master of Technology CSE
79	IMT2022038	Aaryan Ajith Dev	Integrated Master of Technology CSE
80	IMT2022086	Ananthakrishna K	Integrated Master of Technology CSE
81	IMT2022507	Vishruth Vijay	Integrated Master of Technology CSE
82	IMT2023106	Harsh Mohta	Integrated Master of Technology CSE
83	IMT2022030	Hemant Gupta	Integrated Master of Technology CSE
84	IMT2023006	Avancha Dedeepya	Integrated Master of Technology CSE
85	IMT2024065	Kulshresth	Integrated Master of Technology CSE
86	IC2025014	Jaswanth Sigireddi	Integrated Master of Technology CSE
87	IMT2021062	Kushal Partani	Integrated Master of Technology CSE
88	IMT2021101	Sai Madhavan G	Integrated Master of Technology CSE
89	IMT2022018	Swetha Murali	Integrated Master of Technology CSE
90	IMT2023015	Parsania Ramya Parulbhai	Integrated Master of Technology CSE
91	IMT2023115	Sriram Srikanth	Integrated Master of Technology CSE
92	IMT2021024	Krutik Patel	Integrated Master of Technology CSE
93	IMT2022076	Naik Mohit Avinash	Integrated Master of Technology CSE
94	IMT2022080	Siddhesh Deshpande	Integrated Master of Technology CSE
95	IMT2023034	Agarwal Nainika Mayank	Integrated Master of Technology CSE
96	IMT2023032	Dhruv Ramesh Joshi	Integrated Master of Technology CSE
97	IMT2022107	Shashank Siddappa Devarmani	Integrated Master of Technology CSE
98	IC2025021	P Abhinav	Integrated Master of Technology CSE
99	IC2025028	Tanishq Sharma	Integrated Master of Technology CSE
100	IMT2021011	Deepkumar Patel	Integrated Master of Technology CSE
101	IMT2021017	Ketaki Srikrishna Tamhanakar	Integrated Master of Technology CSE
102	IMT2021058	M Srinivasan	Integrated Master of Technology CSE
103	IMT2022118	Shashwat Chaturvedi	Integrated Master of Technology CSE
104	IMT2023611	Vriddhi Agrawal	Integrated Master of Technology CSE
105	IMT2023126	Kartikeya Dimri	Integrated Master of Technology CSE
106	IMT2021016	Harsh Kumar	Integrated Master of Technology CSE
107	IMT2023049	Kunal Jindal	Integrated Master of Technology CSE
108	IMT2024054	Macwan Darell Suhrudkumar	Integrated Master of Technology CSE
109	IMT2021046	**Siddharth Chauhan**	Integrated Master of Technology CSE
110	IMT2023098	R Ricky Roger	Integrated Master of Technology CSE
111	IMT2023548	Aaryan Antala	Integrated Master of Technology CSE
112	IC2025023	Pratik Gokul Patil	Integrated Master of Technology CSE
113	IC2025032	Yashraj Ajay Mahalle	Integrated Master of Technology CSE
114	IMT2021042	Maturi M S N V S Raghunadh	Integrated Master of Technology CSE
115	IMT2022051	Rishabh Dixit	Integrated Master of Technology CSE
116	IMT2024011	Siddharth Brijesh Tripathi	Integrated Master of Technology CSE
117	IMT2023014	Sarthak Maheshwari	Integrated Master of Technology CSE

118	IC2025026	Saaket Ajay Manjrekar	Integrated Master of Technology CSE
119	IMT2022003	Ritish Shrirao	Integrated Master of Technology CSE
120	IMT2022103	Anurag Ramaswamy	Integrated Master of Technology CSE
121	IMT2023013	Areen	Integrated Master of Technology CSE
122	IMT2022001	Siddharth Menon	Integrated Master of Technology CSE
123	IMT2023622	Santhosh Vodnala	Integrated Master of Technology CSE
124	IC2025030	Vamshidhar V	Integrated Master of Technology CSE
125	IMT2021066	Yukta Arvind Rajapur	Integrated Master of Technology CSE
126	IMT2022010	Divyam Sareen	Integrated Master of Technology CSE
127	IMT2022027	Manda Kausthubh	Integrated Master of Technology CSE
128	IMT2023005	Gourav Anirudh B J	Integrated Master of Technology CSE
129	IC2025002	Aarav Choudhary	Integrated Master of Technology CSE
130	IMT2022050	Shiven Phogat	Integrated Master of Technology CSE
131	IMT2022525	Devarakonda Pradyun	Integrated Master of Technology CSE
132	IMT2023001	Sure Venkata Nagasai Sathvik	Integrated Master of Technology CSE
133	IC2025018	Marvel Loffy Thadikaran	Integrated Master of Technology CSE
134	IMT2021027	Shah Rohit Lalit	Integrated Master of Technology CSE
135	IMT2022009	Madhav Girdhar	Integrated Master of Technology CSE
136	IMT2022527	Vrajnandak Nangunoori	Integrated Master of Technology CSE
137	IMT2024029	Anish Teja Bramhajosyula	Integrated Master of Technology CSE
138	IC2025001	Aadam Aftab Tamboli	Integrated Master of Technology CSE
139	IMT2021003	Keshav Chandak	Integrated Master of Technology CSE
140	IMT2021023	Munagala Kalyan Ram	Integrated Master of Technology CSE
141	IMT2021054	Adithya Nagaraja Somasalle	Integrated Master of Technology CSE
142	IMT2021067	Brij Bidhin Desai	Integrated Master of Technology CSE
143	IMT2021072	Polisetti Ram Sai Koushik	Integrated Master of Technology CSE
144	IMT2022029	Metlapalli Ragini	Integrated Master of Technology CSE
145	IMT2022055	Harsh Modani	Integrated Master of Technology CSE
146	IMT2021025	Neha Srikrishna Tamhanakar	Integrated Master of Technology CSE
147	IMT2022006	Shreyas Arun Saggere	Integrated Master of Technology CSE
148	IMT2022114	Dhruv Kothari	Integrated Master of Technology CSE
149	IMT2023571	Harsh Sinha	Integrated Master of Technology CSE
150	MT2024087	Singuru Manognya	Master of Technology CSE
151	MT2025043	Dharani Prasad S	Master of Technology CSE
152	MT2025068	M Vinay	Master of Technology CSE
153	MT2024148	Shubh Sanjaykumar Patel	Master of Technology CSE
154	MT2024163	Trivedi Maitri Rajendraprasad	Master of Technology CSE
155	MT2024172	Prabal Singh	Master of Technology CSE
156	MT2025007	Abhishek Prasanna	Master of Technology CSE
157	MT2025077	Shah Nir Niragkumar	Master of Technology CSE
158	MT2025128	Uttkarsh Ranjan	Master of Technology CSE

The Dean's List at IIIT-B honours the students who have achieved high academic excellence across all the courses completed by them. The list is updated annually on the basis of the Cumulative Grade Point Average (CGPA) obtained by students. Heartiest congratulations to the B.Tech., M.Tech. and Integrated M.Tech. Dean's List students from the **Department of Electronics and Communication Engineering for 2026.**

#	Roll No	Name	Program
1	BE2025026	Tejas Gudgunti	Bachelor of Technology ECE
2	BT2024268	Vedant Mundada	Bachelor of Technology ECE
3	BE2025030	Vittal Kashyap	Bachelor of Technology ECE
4	BT2024130	Patankar Aabha Samir	Bachelor of Technology ECE
5	BT2024003	Shaivi Nandi	Bachelor of Technology ECE
6	IMT2021524	Barath S Narayan	Integrated Master of Technology ECE
7	IE2025019	Krtin Singhvi	Integrated Master of Technology ECE
8	IE2025016	Kartikeya Balonda	Integrated Master of Technology ECE
9	IE2025033	Tejas Singh	Integrated Master of Technology ECE
10	IMT2024031	Heer	Integrated Master of Technology ECE
11	IE2025012	Dola Praneeth Kumar Gunda	Integrated Master of Technology ECE
12	IMT2023585	Arismita Mukherjee	Integrated Master of Technology ECE
13	IE2025027	Rishi K	Integrated Master of Technology ECE
14	IMT2021518	Anshuman Kumar	Integrated Master of Technology ECE
15	IMT2024008	Saharsh S Hiremath	Integrated Master of Technology ECE
16	IMT2021530	Akash Perla	Integrated Master of Technology ECE
17	IMT2021525	Achintya Harsha	Integrated Master of Technology ECE
18	IMT2023528	Jagini Mohit	Integrated Master of Technology ECE
19	IMT2022532	Yash Sengupta	Integrated Master of Technology ECE
20	IMT2022552	Shannon Muthanna I B	Integrated Master of Technology ECE
21	IMT2022555	Pradyumna G	Integrated Master of Technology ECE
22	IMT2022571	Sasi Snigdha Yadavalli	Integrated Master of Technology ECE
23	IMT2022577	Aravapalli Venkata Naga Lokesh Kumar	Integrated Master of Technology ECE
24	MT2024516	Gourab Kundu	Master of Technology ECE
25	MT2023519	Shant Rakshit	Master of Technology ECE
26	MT2023520	Nancy Gupta	Master of Technology ECE
27	MT2023528	Gaikwad Shubham Vitthal	Master of Technology ECE
28	MT2023530	Iswarya I	Master of Technology ECE
29	MT2023537	Kopparthi Dinesh Lingaiah	Master of Technology ECE
30	MT2023538	Kaparthi Rachana	Master of Technology ECE
31	MT2024509	Ayush Prakash	Master of Technology ECE
32	MT2024516	Gourab Kundu	Master of Technology ECE

The Dean's List at IIIT-B honours the students who have achieved high academic excellence across all the courses completed by them. The list is updated annually on the basis of the Cumulative Grade Point Average (CGPA) obtained by students. Heartiest congratulations to the B.Tech. Dean's List student from the **Department of Artificial Intelligence & Data Science for 2026.**

#	Roll No	Name	Program
1	BT2024102	Kondakindi Vishal Reddy	Bachelor of Technology in AI & DS
2	BT2024231	Advaya Bhardwaj	Bachelor of Technology in AI & DS
3	BT2024084	Sparsh Agrawal	Bachelor of Technology in AI & DS
4	BT2024027	Sidhanth Prabhu R	Bachelor of Technology in AI & DS
5	BT2024220	Varun E	Bachelor of Technology in AI & DS
6	BT2024117	Suyash Gupta	Bachelor of Technology in AI & DS
7	BT2024250	K V Shashank Pai	Bachelor of Technology in AI & DS
8	BA2025059	Yagateela Hemish Sri Chandra	Bachelor of Technology in AI & DS
9	BA2025017	Jyotiraditya Parida	Bachelor of Technology in AI & DS
10	BA2025009	Chiraag K V	Bachelor of Technology in AI & DS
11	BA2025024	Naman Bhandari	Bachelor of Technology in AI & DS
12	BA2025025	Naman Sharma	Bachelor of Technology in AI & DS
13	BA2025020	Kota Sree Venkata Saathwik Reddy	Bachelor of Technology in AI & DS
14	BA2025038	Rishabh Roy Choudhury	Bachelor of Technology in AI & DS
15	MT2025724	Shreya Gupta	Bachelor of Technology in AI & DS
16	MT2025707	Kancherlapalli Jishnu Satwik	Bachelor of Technology in AI & DS
17	MT2025714	Manoj Paul	Bachelor of Technology in AI & DS
18	MT2025728	Surya Satish Ganiga	Bachelor of Technology in AI & DS

Scan QR to read
IIIT-Bangalore's Green Story

International
Institute of Information
Technology Bangalore

6

EVENTS & HAPPENINGS

EVENTS

August 10, 2025

Hon'ble PM Shri Narendra Modiji at IIIT-Bangalore Campus

IIIT-Bangalore hosted the Hon'ble Prime Minister of India, Shri Narendra Modi; the Hon'ble Governor of Karnataka, Shri Thawarchand Gehlot; the Hon'ble Chief Minister of Karnataka, Shri Siddaramaiah; the Hon'ble Deputy Chief Minister of Karnataka, Shri D. K. Shivakumar; and other eminent dignitaries for the inauguration and foundation stone laying of landmark infrastructure projects, shaping the future not just of Bengaluru, but of our nation.

Chairman of IIIT-B Governing Body, Padma Bhushan Shri S. Gopalakrishnan, and Director, Prof. Debabrata Das, had the privilege of welcoming the Hon'ble Prime Minister to the IIIT-B campus and sharing insights on the institute's cutting-edge research and development.

August 15, 2025

IIIT-Bangalore celebrated the 79th Independence Day with pride and enthusiasm. The day began with the flag hoisting and an inspiring address by Director Prof. Debabrata Das, who spoke on Atmanirbhar Bharat and Viksit Bharat 2047, urging all to contribute to the nation's growth.

The celebrations continued with cultural performances by the Music Club (Symphony), Dance Club (Impulse), and Theatre Arts Club (Parvaz), reminding the audience of the true spirit of patriotism beyond digital platforms.

August 29, 2025

A Riveting Celebration of National Sports Day

National Sports Day on 29th August marked the grand finale of a week-long series of spirited sports events on campus. The Sports Committee, with the support of Dr. Neha Arora, Sports Officer, IIIT-Bangalore ensured smooth organization and maintained the energy throughout the week.

The men's events included Handball and Kabaddi, both filled with excitement. The Ecity Bulls dominated in both games, securing a decisive win in Handball and making a remarkable comeback in Kabaddi that kept the crowd engaged until the very last moment.

The women's matches were equally inspiring and featured Handball and Cricket. The 3rd and 4th year Integrated M.Tech. team won the Handball tournament after impressively playing two matches in a single day. The M.Tech. team showed excellent teamwork and determination to win the Cricket match.

August 22, 2025

IIIT-Bangalore Innovation Centre hosted Tech for a Better Tomorrow, a forum that brought together leaders and experts to discuss how emerging technologies can drive inclusive and sustainable change. Following panel discussions were also organized during the event,

1. Leveraging Technology to Strengthen and Scale BoP Initiatives with the following panelists.

- Gurumoorthy M, Program Manager – Juniper Networks
- Surendran M. Krishnan, Manager, CSR – CGI India
- Abhishek Ranjan, Sr. Director & Global Head, ESG – Brillio

2. Need to Synergise Efforts to Build a Robust Social Impact Sector

- Anil Misquith, Advisor – ACCORD
- Sashi Rajamani, Chairperson – SVP India
- Ganesanram K, Vice President & Global Head – [24]7.ai
- Rupali Ramesh Patil, CIO – Global Synergies
- Aditi Pandey, Head of Strategic Partnerships and Communication – CDD India as the panel members.

August 27-29, 2025

Ganesh Chaturthi at IIIT-Bangalore was celebrated with immense joy and devotion, as the campus came alive to welcome Bappa. The arrival procession of Lord Ganesha's idol filled the air with chants of Ganpati Bappa Morya, music, and cheerful energy as students walked together in celebration.

The festivities concluded with a vibrant Visarjan, marked by colours, dance, and heartfelt emotions, a joy of cherished memories with a bittersweet feeling of bidding farewell. More than tradition, the celebration reflected togetherness, gratitude, and the spirit of community that makes IIIT-B truly special.

August 30, 2025

IIIT-Bangalore and upGrad Mark 10 Years of Partnership with 31,000+ Graduates

IIIT-Bangalore hosted its Graduation Ceremony for Continuing Professional Education Programmes, where 2,456 learners graduated.

The ceremony celebrated the achievements of learners across online programmes such as the Executive Post Graduate Programme in Data Science, Machine Learning & Artificial Intelligence, and Software Development. Around 500 learners attended the event in person, while over 1,500 joined online from across the globe.

This ceremony is a significant milestone for IIIT-Bangalore and upGrad, marking 10 years of successful collaboration that has impacted thousands of professionals. This enduring partnership continues to empower professionals with future-ready skills and global opportunities.

September 5, 2025

IIIT-Bangalore, in collaboration with BMST, successfully organised a Blood Donation Camp where more than 90 units of blood were donated by our students, faculty, and staff.

September 8, 2025

Valedictory Function for the K-VLSI PG Diploma Programme, Cohort 2, was organized successfully. A total of 133 students graduated, and one student was recognised as the Best Student of the Cohort. Students from 15 towns across Karnataka participated in this programme, and successfully graduated with the K-VLSI PG Diploma certificate.

The ceremony was graced by Prof. Debabrata Das, Director, IIIT-Bangalore, Prof. Chandrashekar Ramanathan, Dean (Academics), Prof. Madhav Rao, HoD (ECE) and K-VLSI programme coordinator and Cmde S. R. Sridhar (Retd.), Registrar.

The programme acknowledges and expresses gratitude to the Department of IT & BT, Government of Karnataka, KDEM, SFAL, and IESA for their invaluable support in making the programme a resounding success.

September 18, 2025

A one-day workshop on "Modern Software Engineering Practice," including both classroom theory sessions and hands-on practical sessions, was conducted for software engineers, application developers, programmers, web developers, database designers, data engineers, IT consultants, and other officials from various departments of the Government of Karnataka. The workshop was organised by the Centre for Technology Research and Innovation – Digital Governance, (CTRI-DG) IIIT-Bangalore.

A total of 31 participants from departments of CSG, Sakala Mission, State Hostel Project, KSRSAC, Kutumba Project, State Scholarship Project, EDCS, and CM Dashboard (CeG) attended the workshop.

September 18, 2025

Foundation Day Celebrations

Awards for Research & High-Impact Publications

The following faculty members received a certificate of appreciation & cash award for research & high-impact publications. The awards were presented by our Director, Prof. Debabrata Das.

- Dr. Amit Prakash
- Dr. Ashish Choudhury
- Dr. Dinesh Babu Jayagopi
- Dr. Jaya Sreevalsan Nair
- Dr. Jyotsna Bapat
- Dr. Prem Singh
- Dr. Shrisha Rao
- Dr. Srinath Srinivasa

Teaching Awards

The following faculty members were awarded with a certificate of appreciation & cash award by Director Prof. Debabrata Das, for their substantial teaching contributions. Department of Computer Science and Engineering

- Dr. V. N. Muralidhara
- Dr. Thangaraju B
- Department of Data Science and Artificial Intelligence
- Dr. Chandrashekar Ramanathan
- Dr. V. Ramasubramanian
- Department of Digital Humanities and Societal Systems
- Dr. V. Sridhar
- Department of Electronics and Communication Engineering
- Dr. Madhav Rao
- Applied Sciences
- Dr. Manisha Kulkarni

September 26, 2025

Prof. Debabrata Das, Director, IIIT-Bangalore, was invited to address dignitaries at the IEEE Future Network Conference on "Connecting the Unconnected (CTU)" at Johns Hopkins University, Washington, D.C. on September 26, 2025. He shared India's successful efforts in building a network for CTU.

September 26-28, 2025

Navratri weekend at IIIT-B came alive with seeking the blessings of Maa Durga and the dedicated efforts of Aikyam with Umeed '25, the annual cultural fundraiser. The three-day festival opened Day 1 with pottery sessions, lively food stalls, a thrilling Esports tournament, a magic show, open-mic acts, and stand-up comedy.

Day two blended devotion and celebration with Durga Puja, followed by a dazzling night of garba and dandiya, uniting the community in dance and tradition. Sunday brought creativity with a cheerful tote-bag painting session, bustling stalls, and the grand Diwali Mela Musical Cultural Night, turning the campus into a vibrant dance floor.

The festival brimmed with culture, creativity, competition, and camaraderie, leaving participants with cherished memories. Above all, every moment of fun contributed to a noble cause, making Umeed '25 an unforgettable celebration of spirit and community.

September 2025

A Grand Slam Success: Recapping Phase 1 of the IIIT-B Premier League

The campus was buzzing with electrifying energy as Phase 1 of the IIIT-B Premier League unfolded in a spectacular showcase of athleticism and house spirit. Across three thrilling days, the Sports Committee orchestrated a seamless sporting extravaganza that kept us all on the edge of our seats.

The event kicked off with thrilling auctions, where team strategies took shape, setting the stage for the intense competitions to follow. The committee's meticulous planning was evident in the streamlined fixtures, ensuring that every match ran like clockwork. From the powerful spikes on the Volleyball courts to the silent tension at the Chess tables, the spirit of fierce yet friendly competition was palpable.

A total of six sports – Volleyball, Football, Throwball, Table Tennis, Chess, and Powerlifting – truly had something for everyone. With eight teams competing in each sport, every point was fiercely contested with passion, determination and grit. The atmosphere was electric with echoing cheers and unwavering support from fellow housemates, creating an unforgettable experience that inspired every athlete to push their limits and give their best.

The Sports Office and Sports Committee worked tirelessly behind the scenes to ensure the event ran smoothly. Their commitment to player safety and well-being was evident in the medical facilities kept on standby and the ample hydration provided throughout the event.

October 14, 2025

IEEE Student Branch Inauguration at IIIT-Bangalore

future of discovery, creativity, and global connections - powered by innovation and united under the IEEE banner!

The event was graced by Prof. Debabrata Das, Director, IIIT-B, who officially inaugurated the branch and delivered an insightful lecture on "How WiFi Avoids Collision While Sending Information."

Prof. Das's talk offered a fascinating glimpse into the intelligent mechanisms behind wireless communication and how modern networks ensure seamless data transfer in shared environments.

The establishment of the IEEE Student Branch marks a significant milestone for IIIT-Bangalore, fostering innovation, collaboration, and research opportunities for our students in the ever-evolving world of technology.

October 14, 2025

YourDost Wellness Session was conducted for the faculty members.

October 31, 2025

IIIT-Bangalore celebrated Unity Day to honour Sardar Vallabhbhai Patel, the Iron Man of India. The guest speaker, Shri Raghunandan ji, spoke about Patel's inspiring journey, how he earned his name through determination, and his immense contribution to uniting the nation.

He beautifully explained that India does not merely have unity in diversity, but unity that manifests diversity, reminding us of the importance of ethics and staying united as a nation. He also appreciated the open-mindedness of today's youth towards Indian culture and emphasized the significance of celebrating Ekta Diwas.

October 2025

The Painting Competition titled “Viksit Bharat” was organized by the Art Club. The event invited participants to express their vision of a developed India through art. All materials, including paints, brushes, and paper, were provided, allowing participants to focus entirely on their creativity and imagination.

The competition saw enthusiastic participation from students across batches, with artworks reflecting themes of innovation, sustainability, equality, and progress. At the end of the session, the top three artworks were awarded prizes of ₹1,500, ₹1,000, and ₹500 respectively. Additionally, there was a special mention for one of the paintings in recognition of its outstanding effort. Congratulations to all the winners!

First Prize: AARONYA CHAKRABORTY (Integrated M.Tech.)

Second Prize: HUMA (Integrated M.Tech.)

Third Prize: YUKTHA SRI UMA (Integrated M.Tech.)

Special Mention: ANAMITRA BASU (B.Tech.)

November 5, 2025

The Institution’s Innovation Council (IIC) organised an awareness workshop on entrepreneurship and innovation as career opportunities.

November 7- 9, 2025

Synergy’25 at IIIT-Bangalore unfolded as a vibrant celebration of technology, creativity, and community. Over three exciting days, the campus transformed into a dynamic space where ideas were exchanged, prototypes were built, and students pushed the boundaries of what they could create. With more than 50+ events and thousands of participants from various colleges, the fest showcased the collective spirit of IIIT-B.

November 12, 2025

Kannada Rajyotsava at IIIT-B

Kannada Rajyotsava, celebrated statewide every November is a tribute to Karnataka’s unification, its language, and its vibrant cultural legacy. IIIT-Bangalore echoed this spirit by bringing the colours, rhythms, and traditions of Karnataka to life through a lively on-campus celebration.

November 13-14, 2026

Bibliomania: The Joy of Getting Lost in Pages

IIIT-Bangalore celebrated National Library Week with Bibliomania, a vibrant book exhibition inaugurated by Prof. Debabrata Das, Director, IIIT-Bangalore. In his brief address, he emphasized the value of reading in building curiosity and supporting lifelong learning.

November 18-20, 2025

IIIT-Bangalore participated in the Bengaluru Tech Summit (BTS) 2025, where several of our innovative research projects showcases became the highlight of our stall. Over the three-day event, the stall witnessed a large footfall and numerous meaningful interactions. Our efforts were also recognised with prestigious awards.

November 21, 2025

Workshop on Sports Injuries at IIIT-Bangalore

IIIT-Bangalore hosted an engaging workshop on Sports Injuries: Prevention, Care & Rehabilitation. The event brought together leading professionals from the sports science and sports medicine community. Prof. Debabrata Das , Director of IIIT-Bangalore, inaugurated the event and welcomed the guests and attendees.

November 25, 2025

Our Constitution, Our Collective Voice.

On the occasion of Constitution Day, we continued our tradition of reading the Preamble together. Faculty, students, staff members, and 15 students from Jagadguru Shri Balagangadhara Swami (JSB) School for the Blind, Ramanagara, were also present. It was a meaningful gathering that celebrated the spirit of unity and constitutional values.

December 25, 2025

A Joyful Christmas celebrations at IIIT-Bangalore

Every year, this season arrives wrapped in a gentle chill and the magic of Christmas. Children eagerly wait for their beloved Santa Claus, while adults look forward to the warmth and joy the festival brings.

As the final celebration of the year, Christmas holds a special place in everyone's hearts, bringing people together in the spirit of love and togetherness. At IIIT-Bangalore, this joy is celebrated with great enthusiasm as the IIIT-B family comes together to welcome the season.

This year's Christmas celebrations began with carol singing by our staff members, filling the campus with festive cheer. Soon followed the moment everyone was eagerly waiting, the arrival of Santa Claus. The gathered Students, faculty, and staff childlike excitement reminded that some occasions have the wonderful power to awaken the joy of our inner child.

December 12-13, 2025

The Grand Finale of Avinya, a nationwide initiative by Veranda K-12 to foster innovation among students from Grades 8 to 12, concluded on a high note at IIIT-Bangalore. The event celebrated the ingenuity and determination of India's young minds, who presented innovative ideas aligned with the United Nations' Sustainable Development Goals (SDGs).

The Grand Finale marked the end of an inspiring journey that began with over 385 entries from 15 cities and towns across India. Following a rigorous evaluation process, the finalists underwent specialized training sessions and mentorship, helping them refine their ideas.

The top three winners of Avinya 2025 were:

Winner: Chitrashree C & Divyanshi Soo from Deeksha Stem School, Bangalore.

First Runner-Up: H Praveena Sri Dhurka from BVM Global group of Schools, Perungudi – Chennai.

Second Runner-Up: S.Meena & R,Dharshine from Perunthalaivar Kamarajar Government Girls Higher Secondary School, Ambattur – Chennai.

December 19 & 22, 2025

Kreedotsav 2025: Celebrating Fitness and Camaraderie at IIIT-Bangalore

Kreedotsav, is a much-awaited annual event at IIIT-Bangalore serving as the Faculty and Staff Sports Day of the institute. This year, Kreedotsav was organised on 19 and 22 December 2025, with the aim of promoting physical fitness, teamwork, and a healthy work–life balance among faculty and staff members.

January 17, 2026

Confluence '26 centered on the theme Mirror Glitch, raising a powerful question: who are we beneath the filters we live with every day? The event invited reflection on identity, authenticity, and humanity in a world shaped by digital mediation and constant comparison.

Held at IIIT-Bangalore on January 17, 2026, Confluence '26 brought together students, faculty, and professionals for a day of introspection and dialogue. The sessions were designed as a connected journey, each building on the ideas of the previous one.

January 23 – 25, 2026

Spandan 2026

Spandan 2026 returned with renewed energy and enthusiasm, bringing together over 550 students and alumni for one of IIIT-Bangalore's largest sporting festivals. Held from January 23–25, 2026, the three-day event featured 19 sporting and esports competitions, including 8 major sports, 4 minor sports, and 7 esports events, celebrating teamwork, resilience, and camaraderie.

The fest began with a vibrant opening ceremony featuring the institute flag hoisting and an inspiring address by Director Prof. Debabrata Das, followed by the release of helium balloons symbolizing the spirit of the event. Day 1 witnessed the start of competitions across sports and esports, with league matches and early rounds creating excitement across campus. Day 2 saw alumni joining the competition, intensifying the contests in Basketball, Badminton, Table Tennis, Throwball, and esports. On the final day, high-stakes matches in Volleyball, Cricket, Basketball, Throwball, and tug of war drew enthusiastic crowds, culminating in a memorable celebration of sportsmanship and community spirit.

January 16, 2026 – National Startup Day

To mark National Startup Day, the IIIT-Bangalore Innovation Centre, in association with MeitY Startup Hub and Startup India, hosted a half-day summit titled "Co-Creating the Future with Startups and Corporates" on January 16, 2026. The event brought together corporate leaders, startup founders, mentors, and ecosystem enablers to explore opportunities for collaboration between startups, corporates, and academia.

The summit featured a keynote address by Ms. Shivani Agarwal, Managing Director – Marketing Transformation, Accenture, and an inaugural address by Mr. Shamanth S N, Director – New & Emerging Business, Rakuten India. A fireside chat with Mr. Pavan Govindan, CEO & Co-Founder, Trozo, and Mr. Guru Mallikarjuna, CTO, Bosch Global Software Technologies, explored how industry, academia, and startups can collaborate in the deep-tech era.

A panel discussion featuring experts from Boeing, MathWorks, Bühler Group, and Titan Company Ltd. highlighted challenges and opportunities in corporate-startup partnerships, deep-tech commercialization, and building sustainable innovation ecosystems.

January 30 – February 1, 2026

Infin8 2026

Infin8 2026, IIIT-Bangalore's annual cultural fest themed "Under the Sea," transformed the campus into a vibrant hub of creativity, talent, and community spirit from January 30 to February 1. Over the three action-packed days, students showcased their skills across a diverse range of events spanning quizzes, painting, public speaking, theatre, music, dance, fashion, gaming, photography, and filmmaking.

Highlights included captivating performances such as Nukkad Natak, Rangmanch, Sargam, Infinitude, and Ramp It Up, alongside crowd-favorite competitions like the E-Cell IPL Auction, Capture The Kingdom, and multiple esports tournaments. The evenings came alive with memorable musical performances by Prateeksha Srivastava and Vaani Bhasin, culminating in an electrifying Rock On concert by The 9Teen and a high-energy DJ Night by Swattrex.

Made possible through the dedicated efforts of the Student Affairs Council, organizing committees, volunteers, and sponsors, Infin8 2026 stood as a testament to collaboration, creativity, and campus spirit.

January 13, 2026

In commemoration of the birth anniversary of Swami Vivekananda, observed as National Youth Day, IIIT-B organised a special event aimed at promoting fitness, unity, and the spirit of youth.

The event featured a 3 km run along with a series of engaging recreational activities, encouraging enthusiastic participation from the community.

January 15, 2026

Celebrating Sankranthi and the Kite Festival at IIIT-Bangalore where tradition meets joy and togetherness!

The campus came alive with vibrant kites dotting the sky, festive cheer all around, and shared laughter among students. It was a spirited celebration of culture and community, bringing everyone together in true festive fervour.

January 17, 2026

Yakshagana Performance "Mahamantri Dushtabuddhi"

Yakshabhimani Balaga, Electronic City, in association with IIIT-Bangalore, organised the Yakshagana performance "Mahamantri Dushtabuddhi" at IIIT-Bangalore. The programme showcased the richness of Yakshagana and providing the audience with an engaging cultural experience.

The event received an excellent response from the audience. The artists' captivating presentation and the traditional Yakshagana art form were greatly appreciated by everyone present.

February 14, 2026

Celebration of National Science Day

The ECLIPSE Astronomy Club at IIIT-Bangalore marked National Science Day with a thought-provoking session titled "The Shadow of the Lab: Navigating the Ethics of Scientific Discovery." The session went beyond formulas and telescopes, inviting students to reflect on how science truly evolves, not in isolation, but through people, choices, and responsibility.

February 5, 2026

The Aikyam Club, IIIT-B NSS Unit, visited the Nele Nanjamma Thimmaraya Reddy Orphanage as part of its community service initiative. During the visit, the club members donated essential groceries to support the needs of the children.

The Aikyam Club members and staff also spent quality time with the children, engaging with them in meaningful and joyful interactions. The visit created a warm and cheerful atmosphere, allowing the students and staff to share memorable moments with the children.

The happiness and smiles on the children's faces made the visit truly satisfying and fulfilling for everyone involved. The initiative reflected the spirit of compassion, social responsibility, and service.

March 28, 2026

Sangam'26 brought the campus alive with a perfect blend of nostalgia, talent, and celebration. As alumni returned to their alma mater, the day unfolded as a vibrant tribute to the journeys that began here and the memories that continue to grow.

April 2, 2026

On April 2, 2026, the IIIT-Bangalore Innovation Centre hosted the NAIN Innovation Conclave 2026, bringing together student innovators, industry leaders, and government representatives to celebrate innovation emerging from institutions across Karnataka.

Organised under the New Age Incubation Network (NAIN) initiative, the conclave served as a platform for students to present innovative solutions addressing real-world challenges in areas such as artificial intelligence, healthcare, sustainability, and digital infrastructure. The event reflected Karnataka's continued commitment to fostering entrepreneurship and strengthening innovation ecosystems beyond Bengaluru.

Addressing the gathering, Dr. Manjula N, Secretary to the Government, Department of Electronics, Information Technology, Biotechnology, and Science & Technology, highlighted how initiatives like NAIN are helping take innovation to institutions across the state and empowering young innovators to build impactful solutions.

The conclave featured an innovation showcase, sessions on intellectual property and commercialisation, and recognition of outstanding student innovators. It also provided an important opportunity for collaboration between academia, industry, and government to accelerate pathways from ideas to implementation.

Currently spanning 76 institutions, the NAIN network has supported over 2,300 students, funded more than 600 projects, and enabled the creation of over 60 startups, along with numerous patents and intellectual property filings.

The conclave reaffirmed IIIT-Bangalore's role in nurturing innovation and enabling student-led entrepreneurship for a more resilient and future-ready India.

April 5, 2026

IIIT-B Organises Miles4Meals 2026, Raising Over ₹2.25 Lakhs for Mid-Day Meal Programme

IIIT-Bangalore, in collaboration with the Akshaya Patra Foundation, successfully hosted Miles4Meals 2026, its annual community run featuring 5K and 10K categories. Bringing together over 525 participants, including students, faculty, corporate representatives, and members of the public, the event raised over ₹2.25 lakhs in support of Akshaya Patra Foundation's Mid-Day Meal Programme for underprivileged school children.

Flagged off by Director Prof. Debabrata Das, the event was successfully led and coordinated by Dr. Neha Arora, Sports Officer, IIIT-Bangalore.

Launched in 2023, Miles4Meals has grown into a flagship IIIT-Bangalore initiative, reflecting the institute's commitment to community engagement, social responsibility, and meaningful societal impact. We thank our sponsors for supporting this event.

April 20–25, 2026

IIIT-B Hosts AI Readiness Training for Assam Cadre Officers in Collaboration with EkStep Foundation

Government officers from the Assam Cadre gathered in Bengaluru for an AI Readiness Training programme hosted by IIIT-Bangalore and EkStep Foundation from 20–25 April 2026.

The programme focused on helping officers identify AI use cases, evaluate solutions, and ensure accountable AI adoption in public systems. Participants explored practical AI tools and developed 90-day action plans for implementation.

April 22, 2026

IIIT-B Hosts Session with Prof. Trilochan Sastry on Informed Voting and Youth Participation in Democracy

The International Institute of Information Technology Bangalore (IIIT-B) hosted an engaging session on the importance of informed voting and the role of youth in strengthening Indian democracy. The discussion, led by Prof. Trilochan Sastry, on the gap between India's young population and its political representation, while also examining the challenges faced by young voters in the electoral process. The session further emphasized the need to encourage greater civic awareness and active participation among youth to build a more inclusive and representative democratic system. Prof. Sastry shared valuable insights on how informed decision-making and increased engagement can contribute to strengthening democratic values in the country.

April 2026

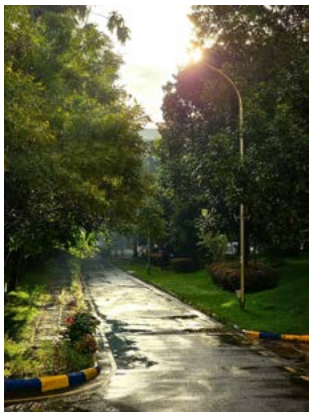
IIIT-B Organises Earth Day Photography Competition on “Our Power, Our Planet” Theme

On 22nd April, IIIT-Bangalore organized a photography competition under the theme “Our Power, Our Planet,” celebrating nature and sustainability through creative perspectives from across the campus.

The event saw enthusiastic participation from students, faculty, and staff, with entries capturing the beauty of the campus and the importance of environmental consciousness.

Winners:

- First Prize: Syamala Venkat Santosh Reddy (B.Tech., 2nd Year)
- Second Prize: Vighneshwar Hegde (Manager – Finance)
- Third Prize: Yagateela Hamish Sri (B.Tech., 1st Year)



April 27, 2026

The International Institute of Information Technology Bangalore (IIIT-B) has partnered with global academic publisher De Gruyter Brill to launch the IIIT-B–De Gruyter Brill Series, a new scholarly book series dedicated to advancing research at the intersection of computer science, engineering, and digital transformation.

The initiative marks a significant milestone in IIIT-B’s continued commitment to research excellence and global knowledge dissemination. The series will publish high-quality research monographs, advanced textbooks, and edited volumes across a range of disciplines, including computer science, artificial intelligence, machine learning and data science, electronics and communication engineering, embedded systems, software engineering, applied sciences, digital public infrastructure (DPI), and the emerging field of digital humanities and societal systems.

May 28, 2026

The COMET Foundation at IIIT-Bangalore, in collaboration with MathWorks, successfully organized a “Hands-on Workshop on AI for Wireless Communications” on May 28, 2026. The workshop brought together students, researchers, and professionals for interactive sessions and practical demonstrations on AI-driven wireless technologies, including deep learning, modulation classification, and software-defined radios.

SAMVAAD - WEEKLY TALK SERIES

August 11, 2025: 'ELOQUENCE: Building multimodal & multilingual ASR' by Dr. Ravi Shekhar, The University of Essex, UK.

August 25, 2025: 'Ensuring Correctness at Runtime: Runtime Enforcement in Action' by Prof. Saumya Shankar, Assistant Professor, IIIT- Bangalore

August 29, 2025: 'Human-Centric AI Guidance for Visual Analytics' by Prof. Arpit Narechania, Assistant Professor, Hong Kong University of Science and Technology (HKUST)

September 2, 2025: 'Next Generation Security and AI/ML – Opportunities' by Dr. Ashutosh Dutta, Chief 5G Strategist, Johns Hopkins University Applied Physics Labs.

September 5, 2025: 'Modeling Paradigms & Tools for Autonomy Management in Complex Networked Systems: A case for Probabilistic Model-Checking based approach' by Prof. Kaliappa Ravindran, Professor of Computer Science and Data Science, Grove School of Engineering, City University of New York, USA.

September 8, 2025: 'Prompt Optimization using Reinforcement Learning' by Prof. Raghuram Bharadwaj, IIIT-Bangalore

September 15, 2025: 'Mitigating Over-Globalising in Transformers on Graphs' by Prof. Naganand Yadati, IIIT-Bangalore.

September 15, 2025: 'Engineering with Civilizational Wisdom: Connecting Indian Knowledge Systems with Modern Engineering' by Mr. Rohit Chakratirtha, Educationist, Author & Science Communicator.

September 22, 2025: 'Fast Machine Learning through Hierarchical Matrices with Low-Rank Structure' by Prof. Vaishnavi Gujjula, Assistant Professor, IIIT-Bangalore.

September 25, 2025: 'Indian Cities or Suburbs? Trends and Causes of Suburbanization' by Prof. Kala S. Sridhar, Professor, Centre for Research in Urban Affairs, Institute for Social and Economic Change, Bengaluru.

September 29, 2025: 'Building Scalable Distributed Storage Systems: Theory vs. Practice' by Dr. Ajay Bakre, Professor of Practice, IIIT-Bangalore.

October 6, 2025: 'Solving for 'Bad Workers': How Casteist Innovation Imaginaries Normalize Surveillance of Sanitation Workers' by Prof. Chinar Mehta, IIIT-Bangalore.

October 27, 2025: 'GRAILS – An architecture for creating responsible software' by Prof. Chandrashekar Ramanathan, Dean (Academics), IIIT-Bangalore.

November 3, 2025: 'Understanding and representing diverse assimilation patterns of learning' by Ms. Praseeda, Research and Data Innovation Lead at ACSEL – the Centre of Excellence in AI at the IIT Alumni Centre, Bengaluru.

November 17, 2025: 'A Specification-based Test Generation Framework for RESTful Web Applications' by Prof. Sujit Kumar Chakrabarti, Associate Professor, IIIT-Bangalore.

November 21, 2025: 'Structure-Preserving Physics-Informed Neural Networks for Anisotropic Porous Media with Pressure-Dependent Viscosity' by Prof. Soumyendu Raha, Professor, Department of Computational and Data Sciences, IISc and Dr. Nischal Karthik Mapakshi, Ph.D. scholar, IISc.

November 24, 2025: 'Hands-on Workshop on IPR Basics for Innovators & Entrepreneurs' by Mr. Prakash Balekundri, Patent Counsel & Founder & CEO, Unique Patent Consulting.

November 24, 2025: 'Representation and Intervention Modeling for Sustainable Development Goals' by Ms. Pooja Bassin, Ph.D. Candidate, Web Science Lab, IIIT-Bangalore.

November 26, 2025: 'My Story Talk' by Mr. Sai Jagadeesh, Founder, Thinklogic Tech Solutions Pvt Ltd – PGfy.

November 26, 2025: 'Workshop on Artificial Intelligence & Industry 4.0 Tools' by Ms. Aruna Mohanty, Edu Solution Lead – AI Productivity & Security, Microsoft.

November 27, 2025: on 'The Limitations of Data, Machine Learning & Us' Samvaad-ACM Distinguished Lecture Series by Prof. Ricardo Baeza-Yates, KTH Royal Institute of Technology, Stockholm, Sweden.

January 5, 2026: 'Conceptual Foundations of Technoficing and Future Research Directions' by Prof. Israr Qureshi, Professor of Social Entrepreneurship and Digital Development, Queens University, Belfast.

January 12, 2026: 'Opening the Black Box: Understanding Multi-Sensor Fusion through Explainable AI' by Dr. Gunjan Joshi, Research scientist, Helmholtz-Zentrum Dresden-Rossendorf, Germany.

January 19, 2026: 'An Empirical Analysis of 5G Spectrum Auctions' by Prof. V Sridhar, IIIT-Bangalore
February 02, 2025: 'AI Infusion inside OS – why and how?' by Udai Sharma and Hariharan Krishna, IBM

February 09, 2026: 'π-Model Capacitive Sensors: Principle and Measurement' by Prof. Narayanan P P, Assistant Professor, IIIT-Bangalore.

February 16, 2026: 'Accelerators and AI – How Accelerators enable AI on a Platform' by Tarundeep Kalra and Hariharan Krishna, IBM.

March 9, 2026: 'Behind the Scenes of Secure Computing: A Full-Stack Security Perspective' by Mr. Sudhir Alluri, Senior Technical Staff Member (Product Development Architect), IBM Z Systems.

March 23, 2026: 'State of Confidential Computing' by Kapil Vaswani, Founder of SPARC (formerly Microsoft Research).

March 30, 2026: 'Dark Patterns and the EU Digital Services Act: Mapping Autonomy Violations and Design Factors' by Dr. Sanju Ahuja, Assistant Professor, IIIT-Bangalore

---

April 13, 2026: 'Multimodal Conversational Agents @ Multimodal Perception Lab' by Prof. Dinesh Babu Jayagopi, Head of Data Science and AI (DSAI), IIIT-Bangalore.

April 20, 2026: 'Ethical Policy Assessment Framework for AI/IoT-based Digital Health Applications' by Prof. Amit Prakash, IIIT-B, Swati G., IIIT-B and Prof. Deepa Austin, MAHE, Bengaluru.

May 4, 2026: 'Urbanization from Below: India and the Global Urban Question.' by Chetan Choithani, National Institute of Advanced Studies (NIAS), Bengaluru.

June 19, 2026: 'Geopolitical Turbulence and Supply Chains: Why Open Tech Flows Are in India's Interest' by Lokendra Sharma, Staff Research Analyst, The Takshashila Institution, Bengaluru.

July 17, 2026: 'Covering Orthogonal Polygons with Rectangles' by Dr. Aniket Basu Roy, BITS Pilani, Goa.

July 21, 2026: 'Next-Generation Wireless Sensing for Non-intrusive Autonomous Environment Monitoring' by Prof. Deepak Mishra, Senior Lecturer and Deputy Director of Postgraduate Academic Studies at the School of Electrical Engineering and Telecommunications, UNSW Sydney, Australia.

IIIT-B'S ACHIEVEMENTS

September 5, 2025

IIIT-Bangalore Innovation Centre has been honored with the Innovation and Incubation Centre Award by the Indian Society of Training & Development (ISTD), Bangalore Chapter, in collaboration with the Indus Business Academy (IBA), Bengaluru

Dr. Lakshmi Jagannathan, Chief Executive Officer, Innovation Centre and Executive VP, COMET Foundation, received the award on behalf of IIIT-B Innovation Centre at the event.

Our annual cultural festival, INFIN8 '25, has been officially recognized as the 'Best Cultural Fest' among all engineering colleges in Bengaluru by the Bangalore City Fests Council (BCFC).

IIIT-Bangalore has risen to the 69th position in the National Institutional Ranking Framework (NIRF) 2025 Engineering Rankings. Out of a competitive pool of 1,584 engineering colleges across the country, the institute has made significant progress from its previous rank, reaffirming its strong standing among India's top engineering institutions.

The NIRF evaluation considers a comprehensive set of parameters, including teaching quality, learning resources, research output, graduate outcomes, inclusivity, and perception. IIIT-B's steady rise reflects the institute's focused efforts to strengthen its educational ecosystem and amplify its societal impact.

Looking ahead, IIIT-B is committed to scaling greater heights by advancing interdisciplinary learning, expanding industry partnerships, and encouraging student-led innovation. With this focus, the institute aims to stay at the forefront of India's technological progress while preparing future-ready leaders equipped to address global challenges.

On September 24, 2025, Prof. Debabrata Das, Director, IIIT-B, received the Global Green University Award at the Green School Conference 2025, held at the ILR School, Cornell University, New York.

This is the third consecutive year that IIIT-B has received this distinction, highlighting its leadership in advancing sustainable practices in academics, research, and campus life. The award honours universities that demonstrate measurable impact in reducing environmental footprint, promoting renewable energy, fostering green innovation, and building environmental responsibility among students and faculty.

Commodore S. R. Sridhar (Retd), Registrar, IIIT-Bangalore, was invited to give a talk at the conference, where he shared insights on sustainable practices adopted by universities. He highlighted the role of higher educational institutions in integrating sustainability into campus operations and fostering environmental responsibility among students and the wider community.

IIIT-Bangalore received the "Top 50 IP Driven Organisation in India" Award at the Confederation of Indian Industry (CII) Global Summit on Technology, R&D and Intellectual Property 2025. The award was received by Cdr. J. V. Prasad (Retd.), Executive Officer (R&D), IIIT-Bangalore, on December 17, 2025, in New Delhi, India.

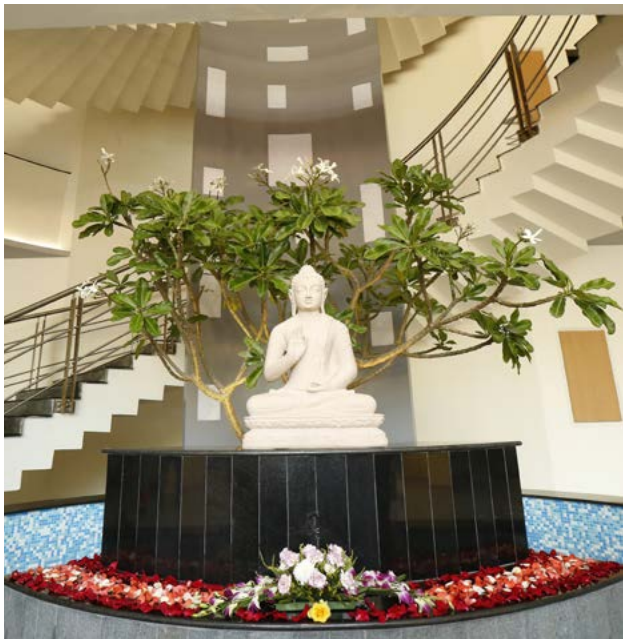
IIIT-Bangalore has been nominated as the first Lead Knowledge Institution (LKI) of NITI Aayog under the State Support Mission (SSM).

The State Support Mission is an initiative by NITI Aayog aimed at fostering structured and institutionalised engagement with States and Union Territories, supporting them in achieving their socioeconomic goals by 2047 through data-driven planning and collaboration.

As a Lead Knowledge Institution, IIIT-Bangalore will contribute to strengthening evidence-based policymaking, drawing on its expertise in Data Science and Artificial Intelligence to support governance and development outcomes.

Patent Granted for Reconfigurable Intelligent Surface for Enhanced Signal Reflection and Beam Steering

A patent has been granted to IIITB COMET Foundation, IIIT-Bangalore, and IIT Roorkee for "Reconfigurable Intelligent Surface for Enhanced Signal Reflection and Beam Steering." The innovation focuses on enhancing wireless network performance by dynamically controlling electromagnetic wave reflection, especially in non-line-of-sight environments. The work was carried out under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS), Department of Science and Technology, Government of India.



"Sustainability Stall – Visionary" Award at BTS 2025

The institute's innovative and eco-friendly exhibit stood out among participants, earning well-deserved recognition.

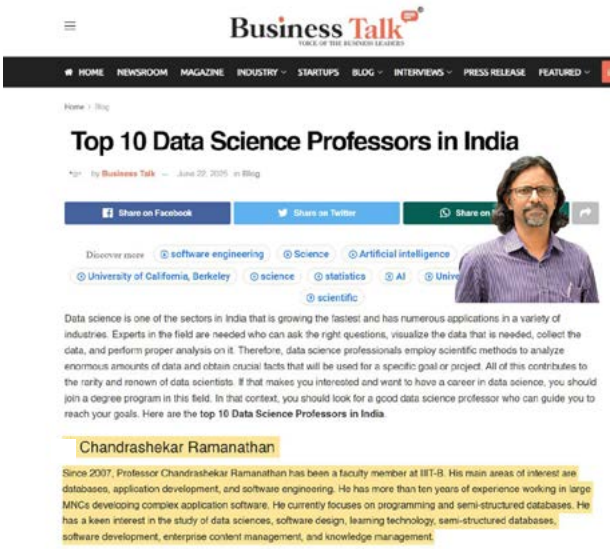
The award was received by Prof. Debabrata Das, Director, IIIT-Bangalore; Mr. Manoj, Design Consultant; and Mr. Abrar Ahmed, Marketing Manager, IIIT-B COMET Foundation, in the presence of Mr. Priyank Kharge, Minister for IT & BT, Government of Karnataka; Dr. Manjula N., IAS, Secretary, Department of Electronics, IT, BT, and S&T, Government of Karnataka; Mr. B. V. Naidu, Chairman, KDEM and Board Member, IIIT-B; Dr. Aravind, DG; and Dr. Tyagi, STPI.

Best Assistive Technology (AT) Initiative among Educational Institutes-AssisTech Foundation Awards 2025, BTS 2025

IIIT-Bangalore was recognized for its decade-long contributions toward building an empowering assistive technology ecosystem in the country through its Centre for Accessibility in the Global South (CAGS) and several pioneering initiatives in inclusive education, innovation, and technology.

FACULTY ACHIEVEMENTS

September 2025



Prof. Chandrashekar Ramanathan, Dean (Academics), IIIT-Bangalore, has been recognized among the Top 10 Data Science Professors in India by Business Talk Magazine.

This recognition reflects his impactful contributions to the field and his dedication to nurturing the next generation of data science professionals.

January 2025

Prof. Debabrata Das, Director, IIIT-Bangalore, received the prestigious IEEE Bangalore Section Medal of Honor 2025 for his outstanding research and technical leadership in Digital Public Infrastructure and Computer Networking.

The award was presented on 18 Jan 2026 by the IEEE Bangalore Section, recognized as the world's largest IEEE section in 2025 among 340+ sections globally.

February 2026

Prof. Narayanan P P, Department of Electronics and Communication Engineering has been selected for the Best Ph.D. Thesis Award under the IEEE Kerala Section Awards 2025 for his outstanding doctoral research titled "Development of Inductive and Capacitive Sensor Systems for Liquid Level and Inclination Estimation."

His research focuses on the development of inductive and capacitive sensor systems for liquid level and dual-axis inclination estimation. A key highlight of this work is an innovative capacitive fuel sensor capable of simultaneously measuring fuel level, tilt, and fuel composition. The research has led to multiple high-quality publications and patents.

Speaking about the recognition, Prof. Narayanan shared that he felt "extremely happy and proud," describing the award as a meaningful validation of several years of focused research and experimentation. He added that the acknowledgment has further motivated him to continue developing practical, high-impact sensing solutions.

This achievement underscores the importance of deep, application-oriented research and its real-world relevance to engineering systems. Truly inspiring to see such impactful work being recognised and celebrated within the research community.

February 26, 2026

Prof Debabrata Das, Director, received the prestigious "IESA Technovisionary Award 2026: Techno Mentor", organised by the India Electronics and Semiconductor Association (IESA) vision conference.

The award was given for his exceptional academic leadership and long-term contributions, which have

significantly shaped talent, research, and played a major role in the innovation of Communication embedded systems ecosystems.

A proud moment celebrating visionary leadership, mentorship, and lasting impact!

February 28, 2026

Prof. Uttam Kumar received the prestigious Karnataka Science Innovation/Discovery Award 2025 on the occasion of National Science Day, presented by the Department of Science and Technology, Government of Karnataka.

Dr. M. C. Sudhakar, Hon'ble Minister for Higher Education, GoK; Shri N. S. Boseraj, Minister for Science & Technology and Minor Irrigation, GoK; Shri Priyank Kharge, Minister for Electronics, Information Technology (IT), Biotechnology (BT), and Rural Development & Panchayat Raj, GoK; Dr. A. S. Kiran Kumar, Former Chairman of ISRO; and Dr. Manjula N, IAS, Secretary to the Government, Department of Electronics, Information Technology (IT), Biotechnology (BT), and Science & Technology (S&T), along with other dignitaries from the Karnataka Science and Technology Academy, graced the occasion.

June 2026

Prof. Uttam has been Elected Fellow of the Institution of Engineers (India)

Prof. Uttam has been elected as a Fellow of the Institution of Engineers (FIE) (India), one of the highest professional recognitions conferred by the institution. The fellowship acknowledges his significant contributions to engineering research and practice, particularly in the areas of geospatial data science, urban analytics, and sustainability. This recognition reflects his continued commitment to advancing research and developing solutions that address contemporary societal and environmental challenges.

July 2026

Prof. Madhav received a grant under the AICTE Research Promotion Scheme (RPS): Lab to Market 2025 for his project, "AI Augmented Human Limb Rehabilitation Prophylaxis Device," in the Healthcare & MedTech category. The recognition highlights the project's potential to translate innovative research into practical healthcare solutions and reflects the Institute's continued commitment to impactful, technology-driven research.

GUEST VISITORS

July 8, 2025

A senior delegation from Benin and Rwanda visited IIIT-Bangalore. The group included approximately 17 members, comprising senior government officials and technical staff.

The purpose of the visit was to introduce the delegation to IIIT-B's work on Digital Public Infrastructure (DPI), with focused presentations and demonstrations from the MOSIP, Inji, eSignet, and OpenG2P teams. The visit concluded with a guided tour of the MOSIP Experience Centre (MEC).

July 17, 2025: Visit of Naval cadets

August 1, 2025

Visit of Japanese Delegation

August 19, 2025

Visit of eBay Leadership Team

August 21, 2025

Visit of Students from Vibgyor High, Electronics City

September 9, 2025

Visit of BCA students from St. Francis College

September 11, 2025

Visit of Students from Soundarya Institute of Management & Science

September 15, 2025

Visit of Students from East West College

September 19, 2025

A team of faculty members attending an FDP programme at JSSATE, Bengaluru, visited IIIT-B. Prof. Meenakshi D'Souza, HoD, CSE delivered an insightful talk to them, and they also visited our labs and research centres.

September 23, 2025

Visit of a delegation from the Gates Foundation-East Asia Relations

September 25, 2025

Visit of Professor Mathieu Aguesse, UC Berkeley & MIT

October 9, 2025

Prof. Faud, Education and Cultural Attaché from the Embassy of the Republic of Indonesia, visited IIIT-Bangalore.

The meeting included discussions on possibilities for deepening collaborations in higher education and research. Over the years, IIIT-Bangalore has welcomed several talented students from Indonesia for their postgraduate studies, and we look forward to building even stronger academic ties in the future.

October 11, 2025

Director of NITI Aayog State Support Mission, Mr Shoyabahmed Kalal visited IIIT-B and inspected the upcoming Centre for lead knowledge institution.

October 29, 2025

Visit of Students from Surana College

November 4, 2025

Visit of BCA students from Indo Asian Academy Degree College

November 21, 2025

Visit of International Delegation from the 166th International Training Programme to CDPI, IIIT-Bangalore

November 25, 2025

Visit of BCA Students from City College

December 3, 2025

Study Visit to IIIT-Bangalore by the Ministry of Interior, Cambodia (GDI), facilitated by the UNDP CDPI team.

January 9, 2026: Visit of the UAE University Delegation

January 21, 2026: Visit by the Team from Qualcomm Innovation Fellowship

January 23, 2026: Visit of Ms. Jenny Hallen Hedberg, Head of International Business, Luxinnovation GIE.

January 29, 2026: Visit of faculty members from New Horizon College.

January 30, 2026: Visit by Dr. M. P. Shyam, President, RV Educational Institutions, and Dr. K. N. Subramanya, Principal, RV College of Engineering

February 11, 2026

Industrial visit of Students and Faculty Members from Seshadripuram First Grade College, Bengaluru

February 13, 2026:

Visit of Faculty Members from Karnataka State Remote Sensing Applications Centre (KSRSAC)

24th April 2026

Final-year BCA students from RBANM's College visited IIIT-Bangalore as part of an industry visit.

May 2026

The Pro Vice Chancellor and team from Liverpool John Moores University (LJMU), UK, visited IIIT-Bangalore as part of the continuing academic collaboration between the two institutions.

International
Institute of Information
Technology Bangalore

7

IIIT-B MoUs

IIIT-B MoUs

#	Date	Parties Involved	Purpose/ Title of the project	Principal Investigator
1	29-Jul-26	IIIT-BANGALORE &SUCHENIX PRIVATE LIMITED	Annotation Tool, AI training framework, Inference engine and App for laparoscopic surgery towards phase, instruments, landmarks and organ identification.	Prof. Viswanath Gopalakrishnan
2	17-Jun-26	IIIT-BANGALORE &SCHNEIDER ELECTRIC INDIA PRIVATE LTD	Quantum Migration Intelligence (QMI) recommendation system	Prof. Jyotsna Bapat
3	03-Jun-26	IIIT-BANGALORE &VISION EMPOWER	ARC Project and STEM Initiatives at Special Schools in Karnataka, Maharashtra, and Telangana	Prof Amit Prakash
4	02-Jun-26	IIIT-BANGALORE & IDEABYTES SOFTWARE INDIA PRIVATE LIMITED	Development and Support Services for Tele-MANAS	Prof TK Srikanth
5	27-Apr-26	IIIT-BANGALORE & SIKSHANA FOUNDATION	AI INNOVATION AND INCLUSION INITIATIVE	Prof Amit Prakash
6	09-Apr-26	IIIT-BANGALORE & VISION EMPOWER TRUST	AI INNOVATION AND INCLUSION INITIATIVE	Prof Amit prakash
7	27-Mar-26	IIIT-BANGALORE & SAMSUNG R AND D INSTITUTE INDIA BANGALORE PVT LTD	Mobile Science Labs and centres	Prof Madhav Rao
8	20-Mar-26	IIIT-BANGALORE &VISION EMPOWER		
9	09-Mar-26	IIIT-BANGALORE & LG SOFT INDIA PRIVATE LIMITED	Audio style transfer (Indic Language)	Prof Ramasubramanian
10	03-Feb-26	IIT-BANGALORE &KARNATAKA DIGITAL HEALTH SOCIETY	Development, training, and ongoing support where relevant to enhance ethical engagement with digital health interventions undertaken by the State.	Dr Deepa Austin
11	07-Jan-26	IIIT-BANGALORE & IKIGAI LAW	Agentic AI for Inclusion and Accessibility at Scale (through its A4I initiative)	Prof Amit Prakash
12	07-Jan-26	IIIT-BANGALORE & MINISTRY OF STATISTICS AND PROGRAM IMPLEMENTATION	Knowledge Partner for Data Innovation Lab	Prof Debabrata Das

13	05-Dec-25	IIIT-BANGALORE &IAF AND SOFTWARE DEVELOPMENT INSTITUTE BANGALORE	Communication Theory and DSP	Prof Prem Singh
14	18-Nov-25	IIIT-BANGALORE &SIEMENS TECHNOLOGY AND SERVICES PVT LTD	Development work in the fields of automation engineering, building technologies, drive technologies, energy technologies, electrical engineering and electronics, financial solutions, healthcare systems, logistic and real estate solutions, transportation technologies, power and gas technologies	Prof Srinath Srinivasa
15	13-Oct-25	IIIT-BANGALORE & TOSHIBA SOFTWARE INDIA PVT LTD	ZSM for E2E Network Slicing and Security	Prof Jyotsna Bapat
16	10-Oct-25	IIIT-BANGALORE & SAMSUNG R AND D INSTITUTE INDIA BANGALORE PVT LTD	PRISM :collaboration activity in the Technology Collaboration Areas such as Artificial Intelligence,5G/ Communication, IOT and Multimedia	Prof Madhav Rao
17	30-Sep-25	IIIT-BANGALORE &EXOTEL TECHCOM PRIVATE LIMITED	IVR Platform implementation	Prof Tk Srikanth
18	30-Sep-25	IIIT-BANGALORE &SAMSUNG R AND D INSTITUTE INDIA BANGALORE PVT LTD	Samsung Chip Design Studio – Year 2 (for 3 Years)	Prof Madhav Rao
19	25-Sep-25	IIT-BANGALORE &IDEABYTES SOFTWARE INDIA PRIVATE LIMITED	Development and Support Services for Tele-MANAS	Prof TK Srikanth
20	15-Jul-25	IIIT-BANGALORE &IAF AND SOFTWARE DEVELOPMENT INSTITUTE BANGALORE	Design and Development of Waveform for IAF SDR	Prof Prem Singh
21	15-Jul-25	IIT-BANGALORE &ARUVU COLLABORATORY	A Place-based Exploration of Multimodal Micro-Histories and Futures of Local Visual Cultures and the technologies of their production under Local Techno Futures	Prof Preeti Mudliar
22	10-Jun-25	IIIT-BANGALORE & DIGITAL INDIAN CORPORATION MEITY GOVT OF INDIA	Visveshwaraya scheme	Prof Madhav Rao
23	15-May-25	IIIT-BANGALORE & UNIQUE IDENTIFICATION AUTHORITY OF INDIA	Cooperation in development of digital identity standards	Prof Debabrata Das
24	08-May-25	IIIT-BANGALORE &SAMSUNG R AND D INSTITUTE INDIA BANGALORE PVT LTD	Embedded with AI & wireless with AI training	Prof V Sridhar
25	08-Apr-25	IIIT-BANGALORE &DIGITAL INDIA CORPORATION MEITY GOVT OF INDIA	Visveshwaraya scheme	Prof Madhav Rao

November 12, 2025

An MoU was signed between IIIT-Bangalore and ATDTCDPI.

December 26, 2025

A MoU was signed between the Indian Naval Academy and IIIT-Bangalore on December 26, 2025. The partnership aims to strengthen academic and research collaboration. Some of the key aspects include:-

* Joint research in areas of mutual interest
* Exchange of students, faculty, and scholarly resources
* Co-hosting seminars, workshops, and academic events
* Virtual guest lectures and expert talks
* Engagement of adjunct/distinguished faculty in emerging technologies
* Collaborative teaching of specialized curriculum modules
* Co-guidance of research theses

Together, this MoU fosters innovation, knowledge exchange, and technological advancement. MoU was signed by Commodore SR Sridhar (Retd), Registrar IIIT-B and Commodore Nirmal Raghu, Registrar INA, in the presence of Prof. Debabrata Das, Director IIIT-B and Rear Admiral G Rambabu, Principal Indian Naval Academy (INA).

March 27, 2026

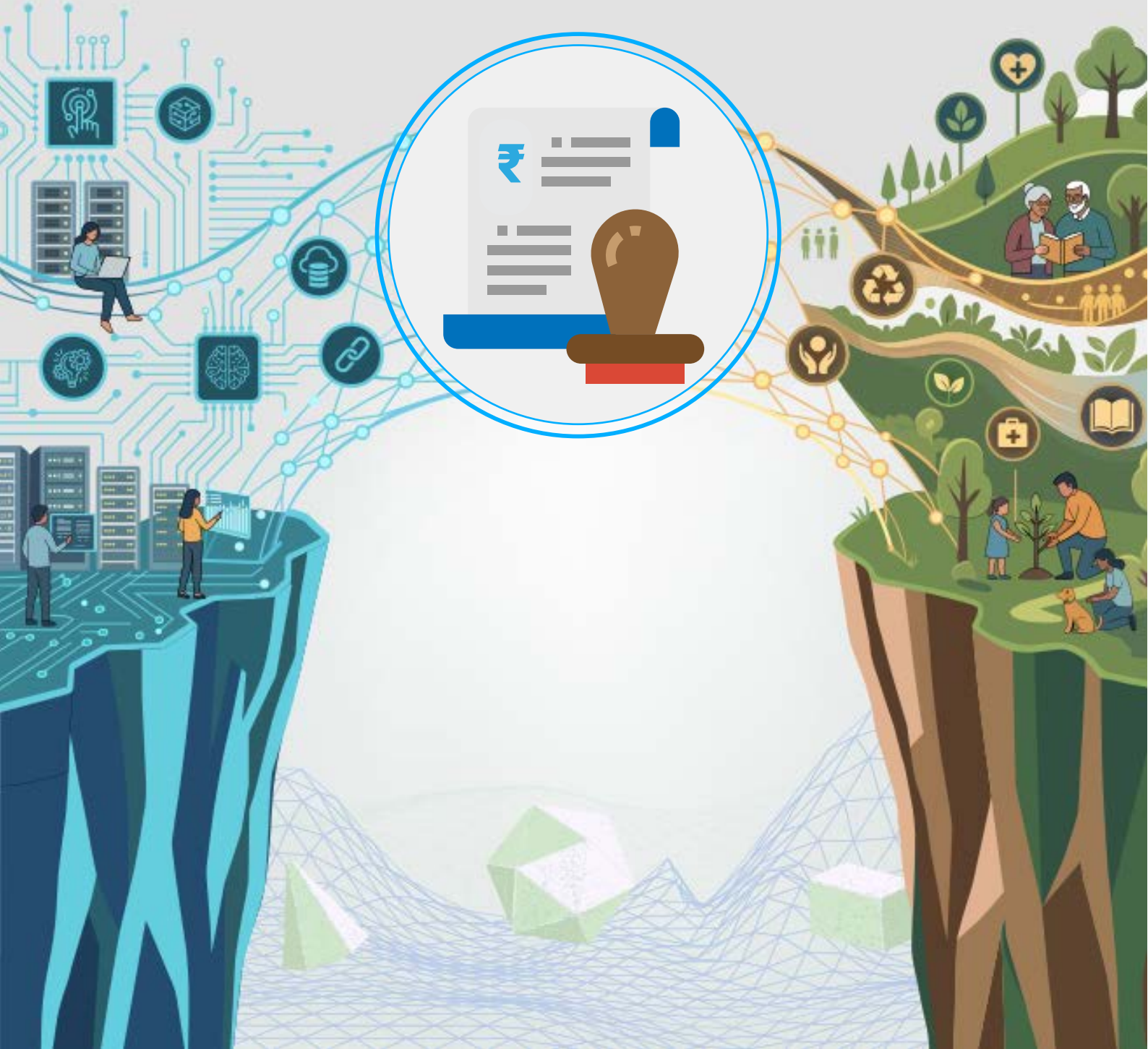
IIIT-Bangalore and RV College of Engineering have signed an MoU, marking a significant step towards strengthening academic and research collaboration. The MoU emphasizes collaborative innovation through joint intellectual property development and knowledge sharing, enabling both institutions to contribute meaningfully to advancements in science and technology.

This partnership aims to create a dynamic ecosystem that enhances learning, fosters research excellence, and prepares students for real-world challenges.

International
Institute of Information
Technology Bangalore

8

FINANCIALS



TOTAL FUNDS / ASSETS +34.4%

Rs 647.72 cr

Previous year Rs 482.05 cr

TOTAL INCOME +5.1%

Rs 198.80 cr

Previous year Rs 189.23 cr

SURPLUS TO GENERAL FUND +6.9%

Rs 61.00 cr

Previous year Rs 57.03 cr

Funding mix

Share of the Rs 647.72 cr funding base

	Rs cr	YoY
General Fund 44.6% of total	289.11	+26.7%
Restricted Funds 23.2% of total	150.06	+87.0%
Corpus Account 20.6% of total	133.28	+10.8%
Capital Grants 11.6% of total	75.27	+41.0%

Net asset position

Balance sheet application of funds

	Rs cr	YoY
+ Property, plant & equipment	169.82	+0.6%
+ Current assets Cash & equivalents: Rs 499.22 cr	521.21	+48.4%
- Liabilities & provisions	43.31	+14.0%
TOTAL FUNDS / ASSETS	Rs 647.72 cr	

Income composition

FY26 total: Rs 198.80 cr

	Rs cr	YoY
Tuition fees	135.93	-3.6%
Interest on bank deposits	18.64	+28.1%
Academic activities	13.23	+39.7%
Sponsored-project overheads	12.95	+63.8%
Hostel & facility fees	9.26	+25.1%
Other receipts	8.80	-0.5%

Operating expenditure

Before depreciation | FY26 total: Rs 118.22 cr

	Rs cr	YoY
Academic expenses	57.99	-15.1%
Faculty & staff	36.32	+21.8%
Infrastructure	12.77	+51.4%
Administrative & general	8.59	-3.8%
Student expenses	2.53	+16.1%

Surplus bridge

FY26 income to General Fund transfer

TOTAL INCOME		OPERATING SPEND		EXCESS PRE-DEP.	→	EXCESS PRE-APPR.	→	SURPLUS TO GENERAL FUND
198.80	-	118.22	=	80.59		75.18		61.00

All amounts are displayed in ₹ crore

International Institute of Information Technology - Bangalore
26/C, Electronics City, Hosur Road, Bangalore - 560 100
Balance Sheet as at 31st March 2026

(Amount in Rs.)

Particulars	Sch.No.	As at 31-03-2026	As at 31-03-2025
SOURCES OF FUNDS			
Unrestricted Funds:			
Capital Grants	A	75,27,08,302	53,37,00,000
Corpus Account	B	1,33,27,99,923	1,20,32,84,381
General Fund	C	2,89,10,51,008	2,28,10,87,617
		4,97,65,59,233	**4,01,80,71,998**
Restricted Funds:			
Research Grants	DA	1,40,30,98,018	70,99,39,338
Grants for Scholarship	DB	2,61,44,783	2,40,02,912
Grants for Training	DC	48,22,741	1,18,63,125
Chair Professorship	EA	1,83,62,648	2,05,16,501
Endowment funds	EB	41,92,704	37,08,114
Designated/Earmarked Funds	EC	4,39,73,384	3,23,92,476
		1,50,05,94,278	**80,24,22,466**
Total		**6,47,71,53,511**	**4,82,04,94,464**
APPLICATION OF FUNDS			
Property, Plant and Equipment:			
Property, Plant and Equipment	F	1,69,82,29,126	1,68,83,13,154
Current Assets, Loans & Advances:			
Advances & Receivables	G	12,91,64,488	8,28,09,684
Loans and Advances	H	9,07,35,347	1,67,26,676
Cash and cash equivalents	I	4,99,21,51,848	3,41,24,46,005
MIIT Project Current Asset	W1	-	-
		5,21,20,51,683	**3,51,19,82,365**
Less : Current Liabilities & Provisions:			
Current Liabilities	J	31,72,41,674	28,16,24,344
Provisions	K	11,58,85,624	9,81,76,711
		43,31,27,298	**37,98,01,055**
Net Current Assets		**4,77,89,24,385**	**3,13,21,81,310**
Total		**6,47,71,53,511**	**4,82,04,94,464**
Summary of significant accounting policies	X		

The accompanying notes are an integral part of the Financial Statements.

As per our report of even date

For Guru and Jana LLP

Chartered Accountants
ICAI Firm Registration No. 006826S/S000214

Heena Kauser A P
Partner
Membership No.: 219971
UDIN: 26219971GSEOFX5954

Place: Bangalore
Date: 24-08-2026

For International Institute of Information Technology Bangalore

Prof. Debabrata Das
Director

Place: Bangalore
Date: 24-08-2026

International Institute of Information Technology - Bangalore
26/C, Electronics City, Hosur Road, Bangalore - 560 100
Income and Expenditure Account for the year ended 31st March 2026

(Amount in Rs.)

Particulars	Sch.No.	For the year ended 31-03-2026	For the year ended 31-03-2025
INCOME			
Tuition Fees	L	1,35,93,07,744	1,41,06,61,212
Interest on Bank Deposits	M	18,63,75,715	14,54,54,470
Hostel and Facility Fees	N	9,25,52,839	7,39,94,097
Academic Activities	O	13,22,70,454	9,46,71,466
Other Receipts	P	8,79,99,560	8,84,09,022
Overheads on Sponsered Projects	Q	12,95,15,542	7,90,68,475
MIIT Mentoring Income	W2	-	-
Subtotal	**(I)**	**1,98,80,21,854**	**1,89,22,58,742**
EXPENDITURE			
Faculty & Staff Expenses	R	36,32,44,658	29,82,50,726
Academic Expenses	S	57,99,47,933	68,33,36,457
Student Expenses	T	2,53,42,013	2,18,20,643
Infrastructure Expenses	U	12,77,48,413	8,43,91,567
Administrative & General Expenses	V	8,58,67,886	8,92,73,697
MIIT Project Expense	W3	-	1,39,423
Subtotal	**(II)**	**1,18,21,50,903**	**1,17,72,12,513**
Excess of Income before depreciation & appropriation	**III=(I-II)**	**80,58,70,951**	**71,50,46,229**
Less: Depreciation	F	5,40,74,740	5,65,96,339
Excess of Income before appropriation	**IV**	**75,17,96,211**	**65,84,49,890**
Appropriation: Transferred to Corpus Fund		12,95,15,542	7,90,68,475
Appropriation: Student Benevolent Fund		1,23,17,278	90,39,078
Surplus/ (Deficit) for the year transferred to General Fund		**60,99,63,391**	**57,03,42,337**
Summary of significant accounting policies	X		

The accompanying notes are an integral part of the financial statements.

As per our report of even date

For Guru and Jana LLP

Chartered Accountants

ICAI Firm Registration No. 006826S/S000214

Heena Kauser A P
Partner
Membership No.: 219971
UDIN: 26219971GSEOFX5954

Place: Bangalore
Date: 24-08-2026

For International Institute of Information Technology Bangalore

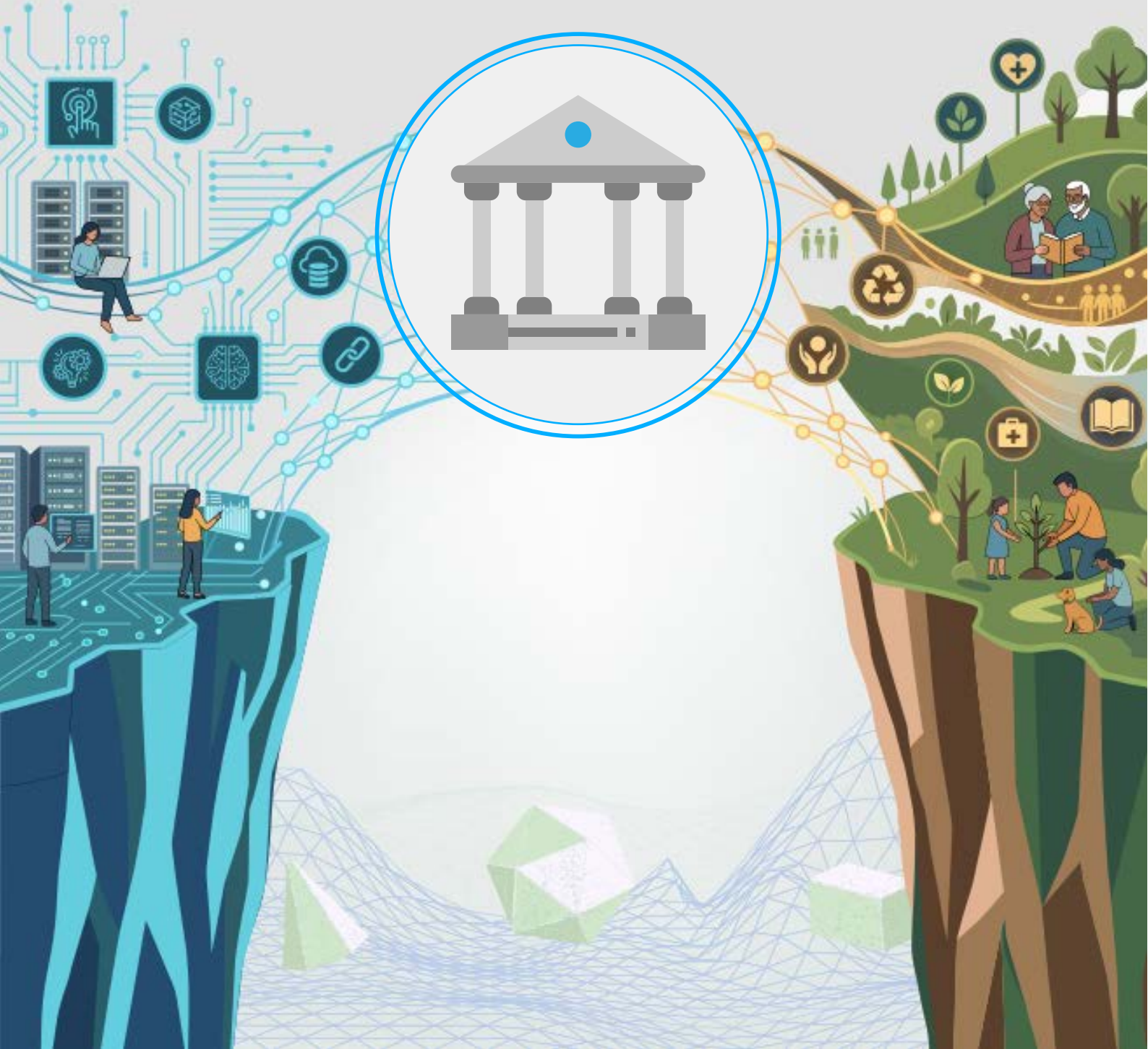
Prof. Debabrata Das
Director

Place: Bangalore
Date: 24-08-2026

International
Institute of Information
Technology Bangalore

9

INFRASTRUCTURE



INFRASTRUCTURE

Installation of Additional 250 kWp Solar Power Plant

IIIT-Bangalore has enhanced its renewable energy capacity by adding a 250 kWp solar power plant to its existing 500 kWp solar power installation, increasing the Institute's total installed solar capacity to 750 kWp. The newly added 250 kWp solar power plant commenced operations on 30 May 2026 and generates approximately 45% of the Institute's total electricity consumption through renewable energy. The plant was inaugurated by Shri B. V. Naidu, Member, IIIT-Bangalore Governing Body, marking an important milestone in the Institute's efforts towards sustainable energy generation, reducing dependence on conventional power sources, and minimizing its carbon footprint.

Kitchen Facilities Upgraded

In April 2026, the kitchen facilities were upgraded with two new combi ovens, two electric tawas, and electric oil fryers. These electric cooking equipment also serve as a backup to the LPG-operated gas stoves, ensuring continuity of kitchen operations during any LPG supply disruption or crisis. In addition, a separate and dedicated non-vegetarian kitchen was established with dedicated kitchen equipment and cooking facilities. The separate non-vegetarian kitchen was introduced to ensure clear segregation of vegetarian and non-vegetarian food preparation, thereby providing greater confidence to vegetarian students and ensuring that vegetarian food is prepared exclusively in the dedicated vegetarian kitchen using separate facilities.

New Interview Cabins and Meeting Room inaugurated

On 15 July 2026, Director Prof. Debabrata Das, Director, IIIT-Bangalore, inaugurated eight interview cabins and one meeting room for the HR team on the 1st Floor of Aryabhata Block, Room No. A231. The newly established facilities provide dedicated spaces for conducting interviews, meetings, and other HR-related activities.

Energy-Efficient Heat Pump System Installed

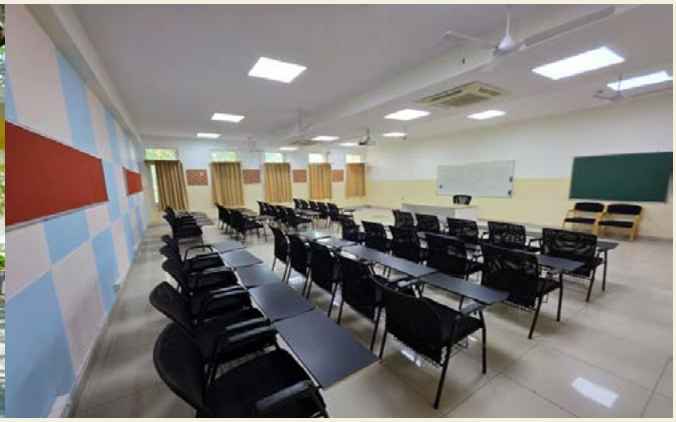
In Bhaskara Block, the old solar water heating system was replaced with an energy-efficient and power-saving heat pump system, ensuring a reliable and continuous supply of hot water to residents 24×7. This upgrade has improved the efficiency and reliability of the hot water system and enhanced the overall convenience for residents.

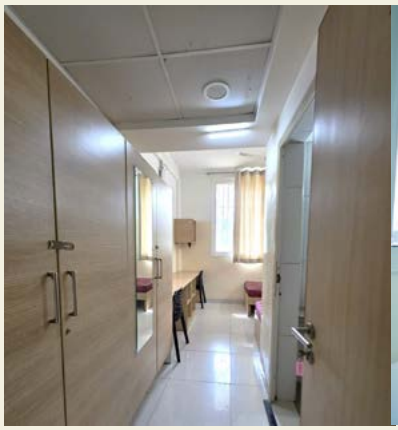
Washrooms Renovated in Lilavati and Visvesvaraya Blocks

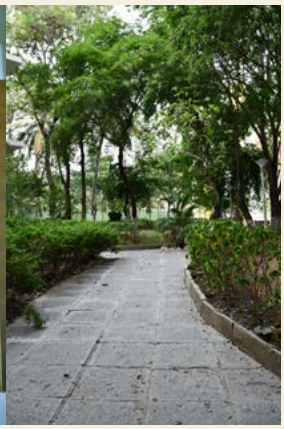
The washrooms in Lilavati and Visvesvaraya Blocks have been completely renovated, with new tiles and sanitary fittings installed in place of the old and outdated facilities. The renovation has significantly improved the overall appearance, hygiene, functionality, and user experience of the washrooms.

Extension Campus Inaugurated on Hosa Road

IIIT-Bangalore inaugurated its Extension Campus on Hosa Road, beginning a new chapter in the Institute's growth and expansion. The new campus will support the Institute's expanding academic activities and provide additional space for its growing community.



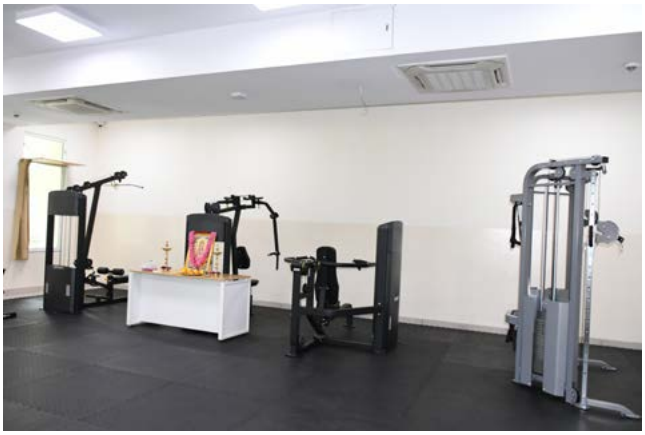




New Gymnasium Inaugurated at Extension Campus

On 16 July 2026 IIIT-Bangalore inaugurated the new Gymnasium at the IIIT-Bangalore Extension Campus. The facility was inaugurated by Prof. Debabrata Das, Director, IIIT-Bangalore. The new gymnasium provides students and staff with a dedicated space for physical activity and recreation, supporting their health, fitness and overall well-being.





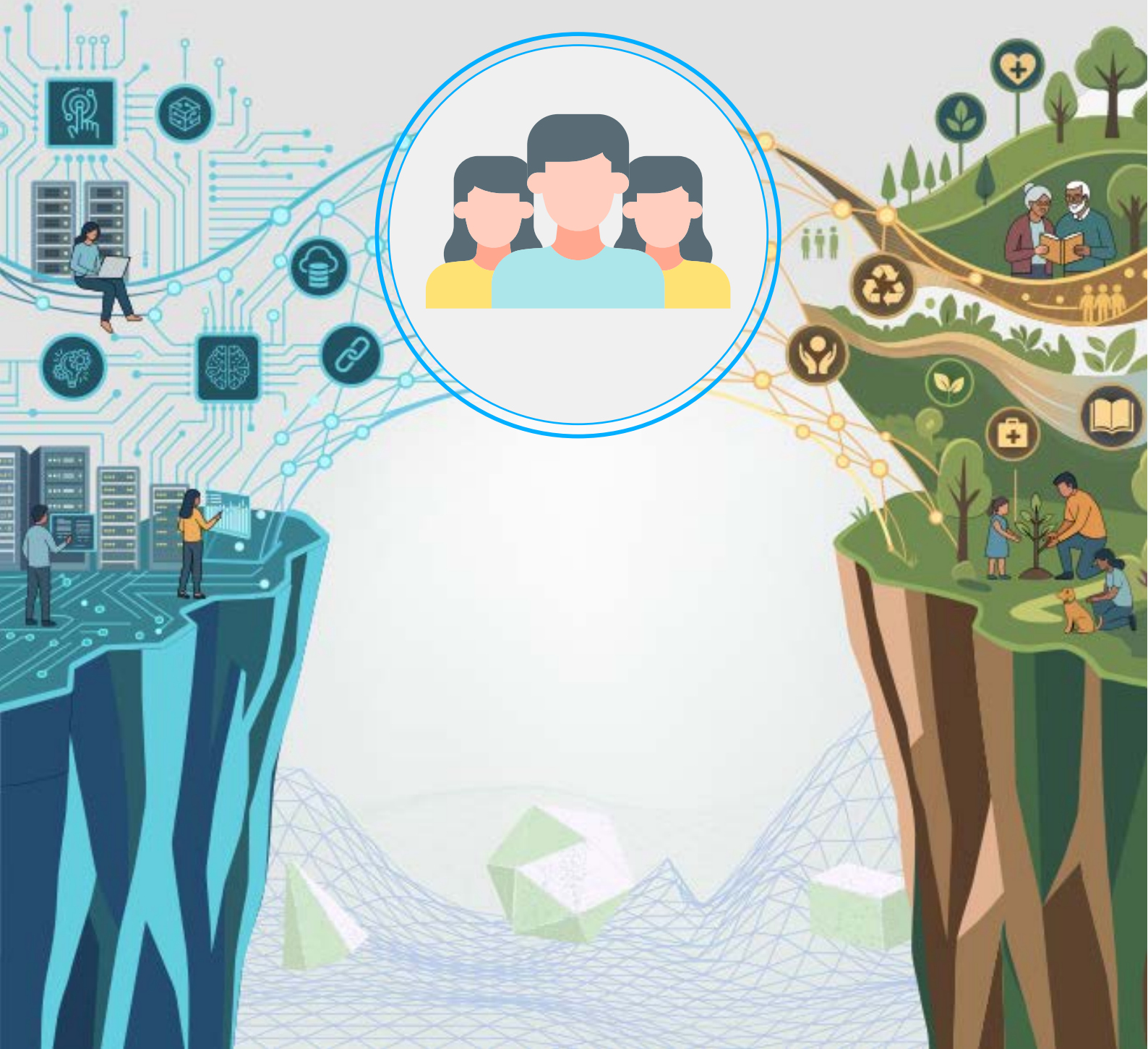

Ascent Lab Inaugurated

The Ascent Lab was inaugurated at Room R307, Ramanujam Block, on 17 July 2026 by Prof. Debabrata Das and Prof. Prem Singh.

The lab focuses on advanced systems for communication, embedded networks, and related technologies, providing a space for research and development in these areas.

International
Institute of Information
Technology Bangalore

10
PEOPLE



FACULTY MEMBERS

Prof Ahana Pradhan
Ph.D. (IIT Bombay)

Ajay Bakre
Ph.D. (Rutgers University, NJ)

Prof Amit Chattopadhyay
Ph.D. (University of Groningen)

Prof Amit Prakash
FPM (IIM Bangalore)

Prof Ashish Choudhury
Ph.D. (IIT Madras)

Prof Amrita Mishra
Ph.D. (IIT Kanpur)

Prof. Anuj Verma
Ph.D. (IIT Mandi)

Prof Aswin Kannan
Ph.D. (Pennsylvania State University)

Prof Badrinath Ramamurthy
Ph.D. (Rensselaer Polytechnic Institute, NY USA)

Prof Balaji Parthasarathy
Ph.D. (University of California Berkeley)

Prof Balakrishnan Ashok
Ph.D. (University of Massachusetts Amherst)

Prof Chandrashekar Ramanathan
Ph.D. (Mississippi State University)

Prof Debabrata Das
Ph.D. (IIT Kharagpur)

Prof Dinesh Babu Jayagopi
Ph.D. (École Polytechnique Fédérale de Lausanne)

Prof Jaya Sreevalsan Nair
Ph.D. (University of California Davis)

Prof Jyotsna Bapat
Ph.D. (Pennsylvania State University)

Prof Kurian Polachan
Ph.D. (IISc Bangalore)

Prof Madhav Rao
Ph.D. (University of Alabama)

Prof Manisha Kulkarni
Ph.D. (IMSc Chennai)

Prof Meenakshi D'Souza
Ph.D (IMSc Chennai)

Prof Naganand Yadati
Ph.D. (IISc Bangalore)

Prof Narayanan P. P
Ph.D. (IIT Palakkad)

Prof Pradeesha Ashok
Ph.D. (IISc Bangalore)

Prof Pranesh Santikellur
Ph.D. (IIT Kharagpur)

Prof Prem Singh
Ph.D. (IIT Kanpur)

Prof Priyanka Das
Ph.D. (IISc Bangalore)

Prof Raghuram Bharadwaj
Ph.D. (IISc Bangalore)

Prof Sachit Rao
Ph.D. (Ohio State University)

Prof Sanju Ahuja
Ph.D. (IIT Delhi)

Prof Sakshi Arora
Ph.D. (Stanford University)

Prof Sanghasri Mukhopadhyay
Ph.D (Université Grenoble Alpes, France & Université Savoie Mont Blanc, France)

Prof Saumya Shankar
Ph.D. (IIT Bhubaneswar)

Prof Shiva Kumar Malapaka
Ph.D. (Universitat Bayreuth)

Prof Shrisha Rao
Ph.D. (University of Iowa)

Prof Srinath Srinivasa
Ph.D. (Brandenburg Technical University Cottbus)

Prof Srinivas Vivek
Ph.D. (University of Luxembourg)

Prof Subir Kumar Roy
Ph.D. (IIT Bombay)

Prof Sujit Kumar Chakrabarti
Ph.D. (IISc Bangalore)

Prof Sushree Sangeeta Behera
Ph.D. (IIT Bhubaneswar)

Prof T K Srikanth
Ph.D. (Cornell University)

Prof Thangaraju B
Ph.D. (Bharathidasan University)

Prof Tulika Saha
Ph. D. (Indian Institute of Technology Patna)

Prof Uttam Kumar
Ph.D. (IISc Bangalore)

Prof V Ramasubramanian
Ph.D. (TIFR Bombay)

Prof V N Muralidhara
Ph.D. (IIT Delhi)

Prof V Sridhar
Ph.D. (University of Iowa)

Prof Vinod Veera Reddy
Ph.D. (Nanyang Technological University Singapore)

Prof Vinu E Venugopal
Ph.D. (IIT Madras)

Prof Viswanath Gopalakrishnan
Ph.D. (Nanyang Technological University Singapore)

DOMAIN-WISE FACULTY MEMBERS

Computer Science Faculty

- Prof. Amit Chattopadhyay
- Prof. Ashish Choudhury
- Prof. Badrinath Ramamurthy
- Prof. Meenakshi D'Souza
- Prof. Pradeesha Ashok
- Prof. Raghuram Bharadwaj
- Prof. Sachit Rao
- Prof. Shrisha Rao
- Prof. Srinivas Vivek
- Prof. V N Muralidhara
- Prof. Ahana Pradhan
- Prof. Ajay Bakre
- Prof. Aswin Kannan
- Prof. Naganand Yadati
- Prof. Pranesh Santikellur
- Prof. Saumya Shankar

Data Sciences Faculty

- Prof. Amit Chattopadhyay
- Prof. Chandrashekar Ramanathan
- Prof. Dinesh Babu Jayagopi
- Prof. Jaya Sreevalsan Nair
- Prof. Raghuram Bharadwaj
- Prof. Srinath Srinivasa
- Prof. Sushree Sangeeta Behera
- Prof. T K Srikanth
- Prof. Uttam Kumar
- Prof. V Ramasubramanian
- Prof. Vinu E Venugopal
- Prof. Viswanath Gopalakrishnan
- Prof. Aswin Kannan
- Prof. Vaishnavi Gujjula
- Prof. Naganand Yadati
- Prof. Vivek Yadav

VLSI Systems Faculty

- Prof. Madhav Rao
- Prof. Kurian Polachan
- Prof. Nanditha Rao
- Prof. Subir Kumar Roy
- Prof. Anuj Verma
- Prof. Narayanan P. P.
- Prof. Sakshi Arora

Information Technology & Society

- Prof. Amit Prakash
- Prof. Balaji Parthasarathy
- Prof. Preeti Mudliar
- Prof. V Sridhar
- Prof. Chinar Mehta
- Prof. Sanju Ahuja

Networking, Communication & Signal Processing Faculty

- Prof. Amrita Mishra
- Prof. Debabrata Das
- Prof. Dinesh Babu Jayagopi
- Prof. Jyotsna Bapat
- Prof. Prem Singh
- Prof. Priyanka Das
- Prof. Sushree Sangeeta Behera
- Prof. V Ramasubramanian
- Prof. Vinod Veera Reddy
- Prof. Ajay Bakre

Mathematics & Basic Sciences Faculty

- Prof. Balakrishnan Ashok
- Prof. Manisha Kulkarni
- Prof. Shiva Kumar Malapaka
- Prof. Sanghasri Mukhopadhyay

Software Engineering Faculty

- Prof. Chandrashekar Ramanathan
- Prof. Meenakshi D'Souza
- Prof. Sujit Kumar Chakrabarti
- Prof. Thangaraju B
- Prof. Saumya Shankar

KEY OFFICIALS

Prof Debabrata Das
Director, IIIT-B

Prof Chandrashekar Ramanathan
Professor & Dean (Academics)

Prof Shrisha Rao
Professor & Dean (Faculty)

Prof Srinath Srinivasa
Professor & Dean (R&D)

Prof Manisha Kulkarni
Professor, Dean (Student Affairs)

Cmde SR Sridhar (Retd)
Registrar, IIIT-B - Secretary to the Board and Outreach Head

J P Patil
Chief Administration Officer

S Piramanayagam
Chief Finance Officer

Prof Meenakshi D'Souza
Professor, Head of the Department of Computer Science and Engineering (CSE)

Prof Dinesh Babu J
Professor, Head of the Department of Data Science and Artificial Intelligence, Faculty-in-charge Placement and Internship

Prof Madhav Rao
Professor, Head of the Department of Electronics and Communication Engineering (ECE)

Prof Amit Prakash
Professor and Head of the Department of Digital Humanities and Societal Systems (DHSS)

Prof Sachit Rao
Associate Professor, Faculty-in-charge Student Exchange

Prof. Jaya Sreevalsan Nair
Professor, Faculty-in-Charge (Placement and Internships)

Prof Sushree S Behera
Assistant Professor, Associate Warden (Women's Hostel)

Prof Shiva Kumar Malapaka
Assistant Professor & Warden (Men's Hostel)

Prof Viswanath G
Associate Professor & Warden (Men's Hostel)

Prof Amrita Mishra
Assistant Professor & Associate Warden (Women's Hostel)

Prof Sakshi Arora
Assistant Professor & Associate Warden (Women's Hostel)

Prof Narayanan P P
Assistant Professor & Associate Warden (Men's Hostel)

Prof Uttam Kumar
Associate Professor & Warden (Men's Hostel)

Prof T K Srikanth
Professor of Practice & Faculty-in-charge Computing

Prof V Sridhar
Professor & Faculty In-Charge, Continuing Professional Education, Institutional Finance

Prof Balakrishnan Ashok
Associate Professor & Faculty-in-charge Library & Coordinator (MS and Ph.D.)

Prof Srinivas Vivek
Associate Professor and Controller of Examinations

Shilpa Naldurgkar
Assistant Registrar (Academics)

M K Durai Murugan
Senior Manager- IT & IS

Cdr JV Prasad (Retd.)
Executive Officer (R&D)

Dr Lakshmi Jagannathan
Chief Executive Officer, Innovation Centre

Ramadevi S
Librarian and Manager - Information Services

Nirmala B
Senior Academic Officer - IT

Roshni DSouza
Head - Strategic Partnerships, Alumni Relations, Career Development (SPARC)

Swathi M. Sharma
Head-Digital Media and Branding Strategy

RESEARCH ADVISORY COMMITTEE (RAC) MEMBERS

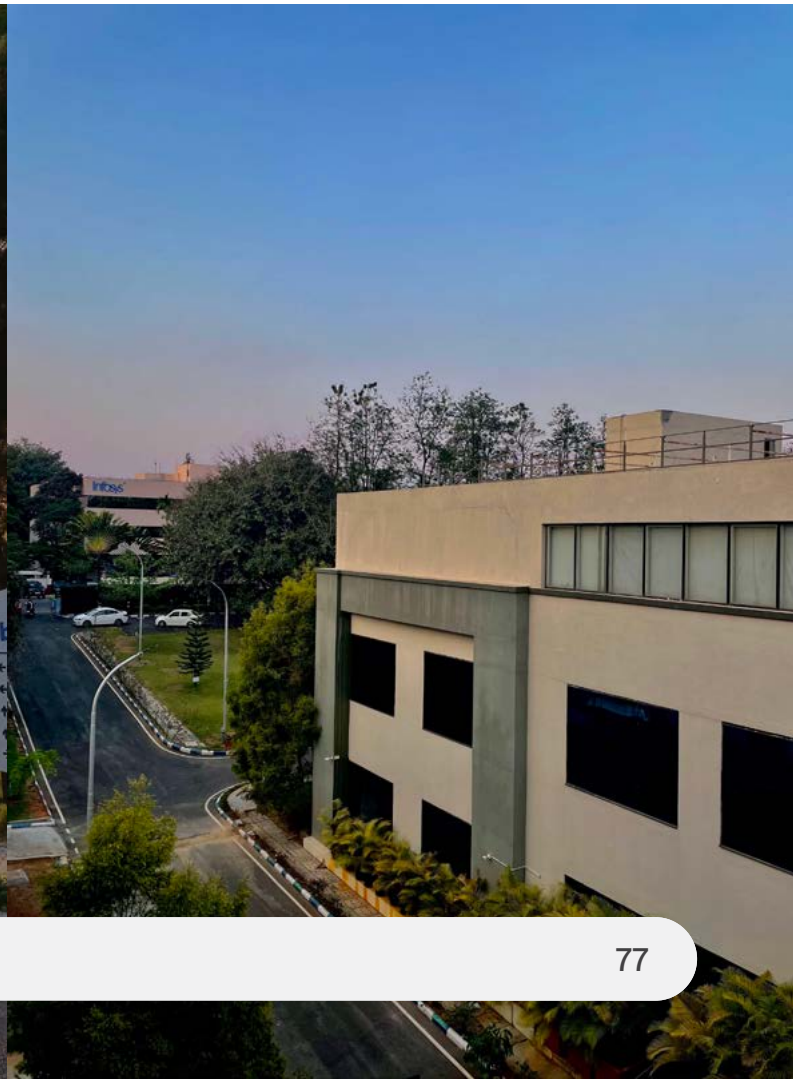
Dr. P Satish Chandra

Prof P Balaram

Dr. Manohar Swaminathan

OMBUDSMAN

Dr. K. N. Balasubramanya Murthy, Vice Chancellor of Dayananda Sagar University, Bangalore, and Chairman, Board for IT Education Standards (BITES) took over as **Ombudsman** of IIIT-B on February 26, 2020.



International
Institute of Information
Technology Bangalore

11

APPOINTMENTS & ADIEU

WELCOME ON BOARD

Sl. No	Name	Designation	Date of Joining
1	Naganand Yadati	Assistant Professor	August 1, 2025
2	Narayananan P P	Assistant Professor	August 11, 2025
3	Sakshi Arora	Assistant Professor	October 30, 2025
4	Sanju Ahuja	Assistant Professor	November 19, 2025
5	Pranesh Santikellur	Assistant Professor	December 15 2025
6	Shubha Krishnamurthy	Assistant Professor	January 1, 2026
7	Tony Mathew M	Course Instructor	January 1, 2026
8	Dhanvir Singh	Security Officer	March 17, 2026
9	Anuj Verma	Assistant Professor	April 6, 2026
10	Ritu Kumari	Content Specialist	April 15, 2026
11	Diya Mohan	Academic and Student Support Coordinator	June 16, 2026
12	Amit Saha	Coordinator (Office of HoD's)	July 1, 2026
13	Murugan R	Technical Assistant	July 1, 2026
14	Sahana M Prabhu	Assistant Professor	July 24, 2026

ADIEU

Sl. No	Name	Designation	Date of Joining	Date of Leaving
1	Rituparna Choudhury	Assistant Professor	December 9,2024	December 8, 2025
2	Cynthia Dmello	Staff Officer - Deans' Office	July 10, 2023	December 12, 2025
3	Dr. Ramesh Kestur	Adjunct Faculty	February 3, 2020	December 12, 2025
4	Subir K Roy	Adjunct Professor (CPE)	March 1, 2025	February 28, 2026
5	Vishnu Gowda M N	Coordinator (Office of HoD's)	November 4, 2025	May 22, 2026
6	Tony Mathew M	Course Instructor	January 1, 2026	May 29, 2026
7	Poulami Chakraborti	Course Instructor	June 20, 2025	June 19, 2026
8	Balaji Parthasarathy	Professor	July 15, 2000	July 31, 2026
9	Tulika Saha	Assistant Professor	October 1, 2024	July 31, 2026

International
Institute of Information
Technology Bangalore

12

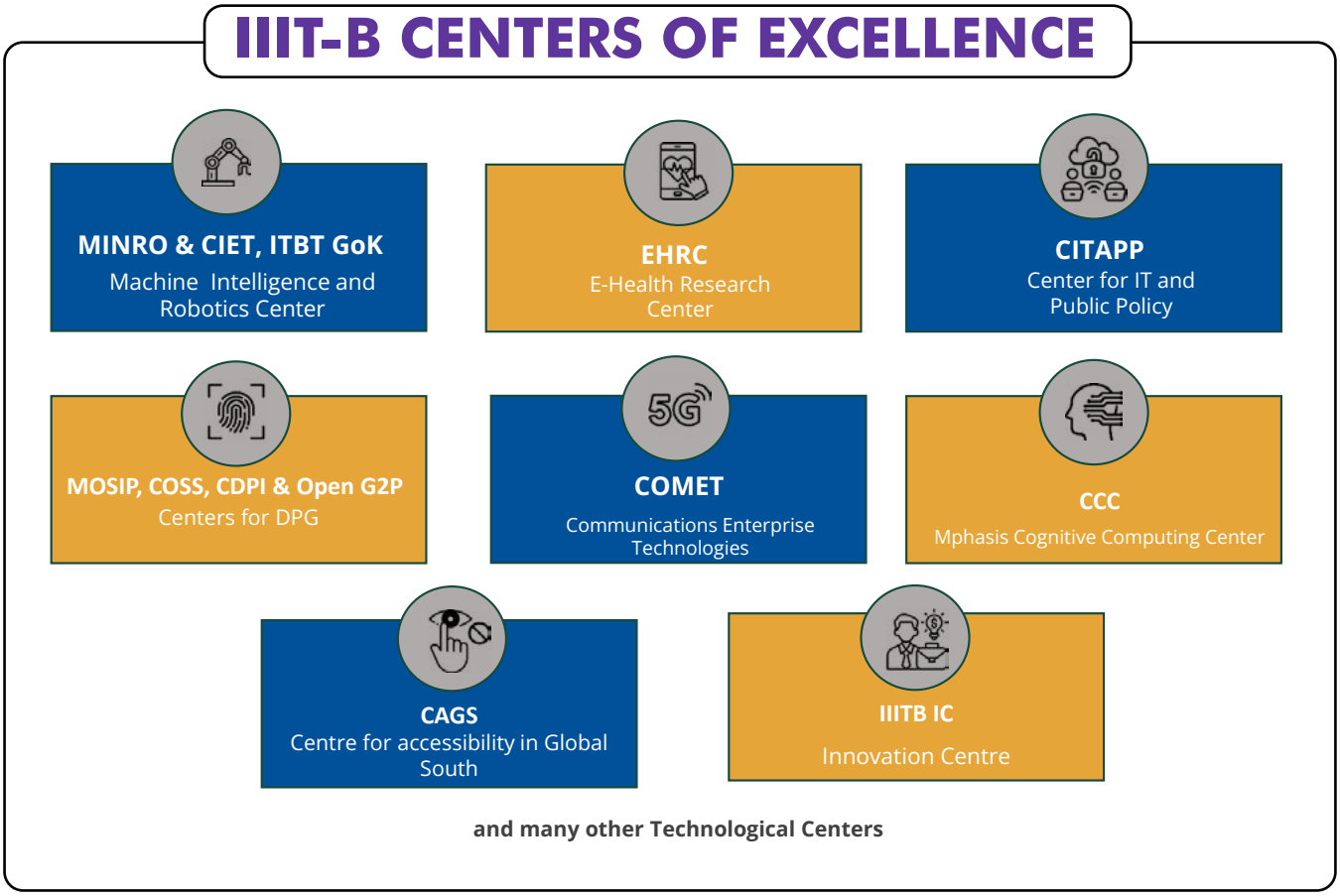
RESEARCH PROJECTS

RESEARCH PROJECTS

IIITB's research focus is to contribute to the IT world by focusing on education and research, entrepreneurship, and innovation. The research Centers at IIITB are multi-disciplinary with participation from several faculty members across different research domains. They could focus on a vertical, such as healthcare, or a horizontal, such as machine intelligence. These centers, run by faculty and driven by students and staff, have active collaborations with academia, government, and industry.

Sl. No	Sponsored	No of Projects
1	Central Government (SERB, DST)	17
2	International Organizations	21
3	Industry/Corporate	72
4	State Government	8

IIIT-B CENTERS OF EXCELLENCE



NEW INITIATIVE
CREATION OF DPI DIVISION

Centre for Digital Public Infrastructure

CENTRE FOR DIGITAL PUBLIC INFRASTRUCTURE (CDPI)

CDPI was established to help catalyze countries' digitization journeys with high-impact DPI to drive inclusive, innovative, and competitive national growth. It provides pro bono technical architecture advisory to countries to design robust DPI in line with global safeguards and best practices.

CDPI is a global team spread across South America, Asia, Africa, and Europe.

To date, CDPI has collaborated with 40+ countries with 12 of them actively co-creating DPI phase one implementations.

- Starting Date: March 2023 Duration: 02 years
- Sponsoring Agency: Mr. Nandan Nilekani Philanthropies on behalf of Co-develop
- Project Funds Sanctioned: 240.79 million INR

CENTRE FOR OPEN SOCIETAL SYSTEMS

CENTRE FOR OPEN SOCIETAL SYSTEMS COSS

The Centre for Open Societal Systems (COSS) at IIIT-B in partnership with Ekstep, drives global societal transformation by facilitating countries to develop their Digital Public Infrastructure and crafting compelling narratives for the adoption of Digital Public Goods to create impact at scale.

Our Mission is to drive global societal transformation with Digital Public Infrastructure (DPI).

Purpose: We aim to improve the lives of 1 billion people globally by 2030 through adoption of Digital Public Goods (DPGs).

- Starting Date: 30.04.2024 Ending Date: 29.04.2027
- Sponsoring Agency: EkStep Foundation
- Project Funds Sanctioned: (Total in Rupees, Millions) USD 5,000,000/ INR 41,73,35,000

OPEN G2P

OpenG2P is a digital public good that enables governments and humanitarian organizations to deliver critical social benefits directly to those who need them.

OpenG2P Offers:

- Open-Source, Interoperable Solutions: Ready-to-deploy software building blocks that facilitate the efficient delivery of essential services, including disaster relief, social safety nets, and agricultural assistance.
- Support for Country Adoption: Resources and guidance to assist nations in effectively implementing the solutions.
- Capacity Building: Training to enhance local skills and knowledge across government, commercial ecosystem, and research institutions

- Starting Date: 23.10.2023 Ending Date: 22.10.2025
- Sponsoring Agency: Nandan Nilekani Philanthropies on behalf of Codevelop
- Project Funds Sanctioned: 166.50 (Total in Rupees, Millions)

To mention a few of the highly impactful research at IIITB are:

National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS)
Ministry of Science & Technology, Department of Science & Technology, Government of India

ADVANCED COMMUNICATION SYSTEMS **Sponsor: Ministry of Science and Technology, GoI**

NMICPS - Centre spearheading the activities in the area of Advanced Communication Systems and other domains in the field of Information Technology

Duration: 5 yrs. Funds: Rs. 150 crores

IIITB COMET Foundation has made strong progress along its two main endeavors (picked up based on inputs from the Department of Telecom, DoT): 5G-Advanced Base Station - indigenously built massive MIMO 5G- Advanced base station leveraging Open-RAN Reconfigurable Intelligent Surfaces (RIS) to create smart radio environments -foundational for 6G.

Highlights of the Achievements

Commercializable technologies being developed:

1. 5G O-RAN Base Station
2. AI Co-designed 5G hardware and software: Network-in-a-box
3. Prototype for RIS-aided communication
4. Smart Radio Environment deployment for targeted use-cases

COMET Foundation: Startup

- MantisWave Networks Pvt. Ltd. is a start-up spun-off from one of the COMET funded projects, which has come up with a portable plug-and-play Private 5G box (Mantis Private 5G Box). The company has been incubated at IIITB's Innovation Center and is supported actively by IIITB COMET Foundation.
- TheMantisPrivate5GBoxrepresentsarevolutionary advancement in telecommunications, offering unparalleled security and reliability for businesses and organizations. Functioning as a dedicated network hub, it ensures exclusive and robust connectivity, safeguarding sensitive data from external threats. This compact yet powerful device empowers enterprises with customizable network management capabilities, optimizing performance and efficiency.
- In an era of heightened digital vulnerabilities, the Mantis Private 5G Box emerges as a beacon of innovation, reshaping the landscape of connectivity.

Patents

- Filed Application for Provisional Specification for the invention titled "IRS BASED RADAR SYSTEM AND METHOD THEREOF" with Application number 202441009587
- Vishal kaira and Prem Singh, "Systems and Methods for Improving Performance of HARQ Re-transmissions by Resolving Ambiguity Between a NACK and a DTX Feedback from User Equipment", US Patent, Status: Under process of filing.
- Sharvari Ravindran, Jyotsna Bapat, Debabrata Das, "A Method for Coordinated Allocation of Network Resources in a Sixth-Generation Communication System", Patent Application No.: 202441057670, Date of Filing: 05/11/2025.
- Sharvari Ravindran, Yogita Pimpalkar, Jyotsna Bapat, Debabrata Das, "System and Method for Estimating and Optimizing Throughput in O-RAN Slicing Environment", Patent Application No.: 202441057670, Date of Grant: 02/04/2025.
- Praween Kumar, Ekant Sharma and Prem Singh, "Reconfigurable intelligent surface for enhanced signal reflection and beam steering", Indian patent, Application No. 202541037613, filing date: April 18, 2025.
- Soujanya Samudrala, Harsha Rudramuniyappa, Prem Singh and Ekant Sharma, "A Novel Architecture for FPGA Implementation of 5G-NR PDCC Chain", Indian patent, Application No. 202441097682, Date of filing: Dec 10, 2024.
- Prem Singh and Samar Shailendra, "A System and Method for DTX Feedback for Hybrid Automatic Repeat Request (HARQ) in Wireless Communication", Indian patent, Application No. 202441058814, Date of filing: August 3, 2024.
- Yogita Pimpalkar, Sharvari Ravindran, Jyotsna Bapat, System and Method for Detecting Cloud Container-Based Energy Depletion Synergistic Power Attacks in an IoT environment", Patent Application No.: 202441057669, Date of Filing: 30/07/2024.

Research Publications

- Harsha Rudramuniyappa, Soujanya Samudrala, Prem Singh and Ekant Sharma, "Optimized Algorithms for FPGA Implementation of PDCCH Chain for 5G-NR Base Station" IEEE Transactions on Circuits and Systems, 2025.
- Gaurav Jajoo and Prem Singh "Modulation Classification for Overlapped Signals Via Clustering Analysis of Super-Constellations", IEEE Transactions on Vehicular Technology, 2025.
- Shivani Singh, Amudheesan Nakkeeran, Prem Singh, Ekant Sharma, and Jyotsna Bapat "Target Detection for OTFS-Aided Cell-Free MIMO ISAC System", IEEE Transactions on Vehicular Technology, 2025.
- Yogita Pimpalkar, Sharvari Ravindran, Jyotsna Bapat, Debabrata Das, "A Novel E2E Path Selection Algorithm for Superior QoS and QoE for 6G Services", in IEEE Transactions on Network and Service Management, vol. 22, no. 2, pp. 1174-1187, April 2025.
- Harsha Rudramuniyappa, Prem Singh and Jyotsna Bapat, "RSRQ-Based Efficient Decomposition of Cell-Free Massive MIMO Networks", IEEE Communication Letters, 2025.
- N. P. Sharvari, D. Das, J. Bapat and D. Das, "Improved Q-Learning-Based Multi-Hop Routing for UAV-Assisted Communication," in IEEE Transactions on Network and Service Management, vol. 22, no. 2, pp. 1330-1344, April 2025, doi: 10.1109/TNSM.2024.3522153
- P.R. Priyadarshini, Jyotsna Bapat, and Amrita Mishra, "Channel and Delay Weighted Response Ratio Scheduler for 5G and Beyond Systems", in IEEE Communications Letters, vol. 28, no. 7, pp. 1658-1662, July 2024.
- Sharvari Ravindran, Saptarshi Chaudhuri, Jyotsna Bapat, Debabrata Das, Novel Adaptive Multi-User Multi-Services Scheduling to Enhance Throughput in 5G-Advanced and Beyond, IEEE Transactions on Network and Service Management, 2024.
- Gurla Venkata Kameswari, S.; Basavaraju, A.; Kumar, C.S.; Bapat, J. Compost Monitoring System for Kitchen Waste Management: Development, Deployment and Analysis. IoT 2025, 6, 64.
- N. Jha, A. Mishra and J. Bapat, "Enhancing Spectral Efficiency for Clustered User Geometry in Sub-Connected Hybrid Beamforming Systems," 2025 IEEE 101st Vehicular Technology Conference (VTC2025-Spring), Oslo, Norway, 2025, pp. 1-7, doi: 10.1109/VTC2025-Spring65109.2025.11174463.
- Manjunath Vemanna, Sharvari Ravindran, Jyotsna Bapat, Debabrata Das, "Adaptive Latency and Throughput Aware Multi-Access Scheduler for 5G Advanced and Beyond", 2025 National Conference on Communications (NCC), New Delhi, India, 2025, pp. 1-6.
- N Jha, A Mishra, J Bapat, D Das, "Enhancing spectral efficiency in sub-connected hybrid beamforming systems via beam pattern design", Physical Communication, 2025
- N.P. Sharvari, Dibakar Das, Jyotsna Bapat, Debabrata Das, "Coordinated Q-learning based Multi-hop Routing for UAV-assisted communication", Pervasive and Mobile Computing, Volume 114, 2025, 102105, ISSN 1574-1192, https://doi.org/10.1016/j.pmcj.2025.102105.
- M. G. Vemanna, S. Ravindran, J. Bapat and D. Das, "Adaptive Latency and Throughput Aware Multi-Access Scheduler for 5G Advanced and Beyond," 2025 National Conference on Communications (NCC), New Delhi, India, 2025, pp. 1-6, doi: 10.1109/NCC63735.2025.10983910.
- Amudheesan Nakkeeran, Jyotsna Bapat, Debabrata Das, "Minimizing Power Consumption in Age of Information Constrained Cell-Free Massive MIMO Networks", 2025 23rd International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt)

- U. M. Natarajan, R. B. Diddigi and J. Bapat, “RAG-inspired Intent-Based Solution for Intelligent Autonomous Networks,” 2025 17th International Conference on COMmunication Systems and NETworks (COMSNETS), Bengaluru, India, 2025, pp. 413-421, doi: 10.1109/COMSNETS63942.2025.10885706.
- Kunwar Rajput, Ekant Sharma, Prem Singh and Bhawani Shankar, “Energy Efficient Massive MIMO IoT Network: A Power and MSE Constrained Approach”, IEEE SPCOM, 2024, IISc Bangalore, India.
- Dwikul Jyoti Das, Abhilash Ranjan, Ekant Sharma and Prem Singh, “Low Complexity Precoding for OTFS-Aided Cell-Free mMIMO ISAC System” in IEEE Wireless Communications and Networking Conference (WCNC), Milan, Italy, 2025.
- Goutham L and Prem Singh, “Throughput Efficient Dynamic Spectrum Sharing Between 4G-LTE and 5G-NR Using LTE CRS”, in 29th IEEE Asia Pacific Conference on Communications (APCC), 2024, Bali, Indonesia.
- Soujanya Samudrala, Arjun Menon, Prem Singh and Ekant Sharma, “Implementation of Channel Deinterleaver for 5G NR PUCCH Channel”, in 29th IEEE Asia Pacific Conference on Communications (APCC), 2024, Bali, Indonesia.
- Suhail Farhaan, Soujanya Samudrala, Prem Singh and Ekant Sharma, “Two-Fold Physical Layer Security for OTFS-aided RIS Communication” in IEEE Wireless Communications and Networking Conference (WCNC), Dubai, UAE, 2024.
- Sharvari Ravindran, Yogita Pimpalkar, Jyotsna Bapat, Debabrata Das, Multi-User Service Throughput estimation for Adaptive Resource Management in 5G-Advanced Sliced Networks, IEEE International Conference on Electronics, Computing and Communication Technologies, 2023 [BEST TRACK PAPER AWARD AND OVERALL CONFERENCE BEST PAPER AWARD (Academia)]
- Yogita Pimpalkar, Sharvari Ravindran, Jyotsna Bapat, Debabrata Das, New Attacks on Cloud Container-Based IoT Systems in 5G-Advanced and Beyond, IEEE International Conference on Electronics, Computing and Communication Technologies, 2023
- Samhitha Perala, Manaswitha Reddy, Sharvari Ravindran, Sasirekha GVK, Jyotsna Bapat, Strategic Placement of Intrusion Detection Systems in IoT Mesh Networks through Machine Learning, International Conference on Networking, Systems and Security, 2023.
- Dwikul Jyoti Das, Sai Teja Kollimarla, Ekant Sharma and Prem Singh, “OTFS Aided Full-Duplex Cell-Free Massive MIMO” in IEEE Wireless Communications and Networking Conference (WCNC), Dubai, UAE, 2024.
- Gaurav Jajoo and Prem Singh, “Modulation Recognition: An Unsupervised Learning Approach”, IEEE Global Conference on Communications (GLOBECOM), Kuala Lumpur, Malaysia, 2023.
- Rochak Jain, Naveed Anjum, Soujanya Samudrala, Harsha Rudramuniyappa, Ashutosh Bisht, Ekant Sharma and Prem Singh, “FPGA Implementation of Rate Matching in 5G NR PDSCH”, IEEE TENCON, Chiang Mai, Thailand, 2023.
- Harsha Rudramuniyappa, Soujanya Samudrala, Rochak Jain, Naveed Anjum, Prem Singh and Ekant Sharma, “FPGA Implementation and Architecture Design of Polar Encoder for 5G NR”, IEEE TENCON, Chiang Mai, Thailand, 2023.
- Soujanya Samudrala, Himanshu B. Mishra and Prem Singh, “IRS Assisted FBMC Waveform: Channel Estimation and Reflecting Coefficients Optimization”,IEEE TENCON, Chiang Mai, Thailand, 2023.

- N. Jha, A. Mishra, J. Bapat and D. Das, "Fast Beam Search with Two-Level Phased Array in Millimeter-Wave Massive MIMO: A Hierarchical Approach," 2022 IEEE Wireless Communications and Networking Conference (WCNC), 2022
- P. Annamalai, J. Bapat and D. Das, "Resource Allocation Algorithm for Hybrid IBFD Cellular Networks for 5G and Beyond," IEEE Transactions on Wireless Communications, vol. 21, no. 4, pp. 2414-2429, April 2022.
- P. Annamalai, J. Bapat and D. Das, "UE Grouping Algorithms to Maximize Frequency Sharing in Hybrid IBFD Networks" IEEE Transactions on Wireless Communications, vol. 21, no. 11, pp. 9668-9683, November 2022
- N. Jha, A. Mishra, J. Bapat and D. Das, "Fast Beam Search with Two-Level Phased Array in Millimeter-Wave Massive MIMO: A Hierarchical Approach," IEEE Wireless Communication letters.
- NP Sharvari, Dibakar Das, Jyotsna Bapat, Debabrata Das, "Connectivity and collision constrained opportunistic routing for emergency communication using UAV," Computer Networks.
- Prem Singh, Shashank Tiwari and R. Budhiraja, IEEE Transactions on Communication, Dec 2022 10.1109/TCOMM.2022.3218627
- Mudasir Ahamad, Prem Singh, R. Budhiraja, IEEE Communications Letter, 2022, 10.1109/LCOMM.2022.3198136
- P. Iddalagi, A. Mishra, "Impact Analysis of Tunnel Probing Protocol on SD-WAN's Mainstream Traffic", 15th International Conference on COMmunication Systems & NETworkS (COMSNETS)

CENTER FOR e-GOVERNANCE (CeG)

Principal Investigator: Prof Ramanathan Chandrashekar

Sponsor: Government of Karnataka

Duration: 5 years **Funds : Rs. 9.68 crores**

Centre for Technology Research and Innovation for Digital Governance established – 2 September 2022

Key Purpose

- Research and Pilot projects on new ideas/ emerging software technologies and architecture principles
- Create SANDBOX / LAB driven approach to identify and validate use cases in different domain of government.
- Build Emerging technology skills and Capabilities for Software Engineering, Data Science, ML OPS, DevOps, Cloud and Networking to scale the CEG initiatives/ Programs.
- Standardisation of Application Development and Maintenance Life Cycles
- Design and Rollout Training Programs covering emerging technologies, Process reengineering and e-Governance Best Practices

E-HEALTH RESEARCH CENTRE (EHRC)

Duration: 5 years

Funds: Rs. 60 Crores

Objectives and project scope:

- Technology leadership and end-to-end ownership for the Tele MANAS technology platform
- Coordination with Ministry, NIMHANS, TAG and other stakeholders
- Solution and Architecture ownership, overall design and guidelines
- Development and maintenance of key software components
- Program and Vendor Management (IT Services and IVRS vendors)
- Technology roadmap for the platform

a) Tele MANAS project (Ministry of Health and Family Welfare)

- Programme announced in Union Budget 2022
- Project approved by Ministry (after SFC review): 22 July 2022
- First round of funds received (through NIMHANS): 17 September 2022.
- Second round in April 2023
- Formal launch of program with customized IVR solution: 10 October 2022
- National Common Toll Free Number 14416 & 1-800-891-4416
- Selected vendors:
  - IVRS solution (September 2022)
  - Software development services and Support (March 2023)
- Focus on robustness, scalability and security of platform, privacy of patient data

Operational Status

- 34 states/UTs with 52 operational Tele MANAS cells
- 1400+ counsellors trained and accounts enabled in IVRS system
- **40 Lakh+ calls (as of July 2026) – including incoming and outgoing**
- Ongoing analysis (weekly) of types of calls, demographics, complaints etc by state

b) Digital psychological Interventions for mental health care

- Duration: Started January 2022. Being extended until March '25
- Collaborators NIMHANS: Dr. Seema Mehrotra; MSR: Amit Sharma
- Sponsoring agency: MS Research and MS Philanthropies
- Funds sanctioned: Phase 1: Rs 8, 85, 000; Phase 2: Rs 22,00,000; Phase 1: Rs. 14,88,000

Status and Outcomes

The main development activities are completed.

- The app "MindNotes from NIMHANS" launched on Android Play Store about a year back
- Being updated based on user feedback, especially from a usability perspective
- iOS version under development/testing

Project Outcomes

- NIMHANS has conducted small user studies (study size = 85 and 63 respectively) to evaluate user perceptions and effectiveness of the app.
- Results were encouraging. NIMHANS continues outreach and other activities to popularize the application.
- Usage data being analysed to understand user behaviour and app effectiveness

c) Digital Screening Platform for Brain Health Initiative

- Duration: September 2022 for 1 year
- Collaborators: Dr. Suvarna Alladi & Dr. Ajay Asranna from NIMHANS
- Sponsoring agency: NIMHANS/GoK
- Funds sanctioned: Rs. 14L; Received: Rs. 9L

Project Overview

- Web and mobile-based applications for facilitating protocol-based screening of neurological disorders by General Physicians and Medical Officers in General Hospitals and Primary Health Centers
- Enabling easier coordination with specialists and effective program governance.
- Application tested in a pilot mode at NIMHANS and other hospitals
- Funding: Budgeted: 14L, received: 9L. Awaiting release of last instalment (5L)
- Project status: Pilot completed

Application summary

- Screening tool for 4 protocols (Epilepsy, Stroke, Headache and Dementia) as provided by NIMHANS
- Provision for Medical Officers at PHC's to record/ view history, view diagnosis and guidance based on questionnaire
- Specialist Doctors at Secondary/Tertiary Health Centers can view referred cases and history, and add consultation records
- Program level dashboard and reports with drill-down to clinic level

d) Conversational AI for mental aid

- Project Investigator: T K Srikanth
- Co-investigators: Madhav Rao; Seema Mehrotra, Vikas V (NIMHANS), Manjit Sodhi (IBM)
- Funds Sanctioned: Rs 14,68,794 (USD 20,000)
- Project Duration: 18 months from 2 Nov 2021
- Sponsoring Agency: IBM Global University Program
- Funds Category: FCRA

Project Objectives

- Develop a non-rule based Conversational AI system for mental aid that would indicate severity levels of Psychological distress through a self-care assessment
- Recommend actions for mild depression, low anxiety, and other low level of mental disorder persons. To be used in conjunction with other NIMHANS-IIITB initiatives such as Peer Support forum and PUSH-D

Project Status

- Multiple approaches have been tried to identify relevant datasets and AI models for analyzing them.
- Initial models have been developed using publicly available datasets (Reddit forum and CounselChat),
- Need content more specific to India.
- Have onboarded clinical psychologists to develop expert curated datasets and also provide fine-grained labelling

MACHINE INTELLIGENCE AND ROBOTICS (MINRO)

- AI based Cognitive Interview Assistance System for Administrative Services Interviews (KAS and IAS), Beneficiary Partner – India4IAS Academy
- Refreshable Braille Reader: Beneficiary Partner – Vision Empower
- Medical grade, open source, indigenous, low-cost ventilator: Beneficiary Partner – Timetooth Technologies

Center's Timelines

1. Phase 1 (Apr 2018 – March 2023)
2. Phase 2 (April 2023- March 2026)

(Phase 2 is the current Phase)

Phase 2 - Research Highlights

- 30+ research projects in the area of Policy Support System, multimodal language, machine learning, robotics, IoT, drones, assistive/rehabilitation technologies, urban mobility, medical signal analysis & smart governance, etc were funded
- 55 research publications in eminent journals and paper presentations in leading conferences
- Beneficiaries of the research funding:
  - Faculty: 15,
  - Ph.D Students: 12 ,
  - MS Students: 11,
  - M.Tech Students: 60,
  - UG Internships: 60
  - Post Doc Research Scholars: 2.
  - Total number of beneficiaries: 160

Startup Activities

- Acceleration Program: 1 program completed for Health Care;1 program is ongoing for Industry 4.0
- Workshops: Healthcare 4 completed. Planned 2 workshops for Industry 4.0 – will complete before March 2025
- Incubate: 11 incubations done and 8 more planned in Industry 4.0 program
- Investor Connect Program:1 completed in Healthcare and 1 proposed for Industry 4.0

Solutions built in collaboration with Startups

- AI based Cognitive Interview Assistance System for Administrative Services Interviews (KAS and IAS), Beneficiary Partner – India4IAS Academy
- Refreshable Braille Reader, Beneficiary Partner – Vision Empower
- Exoskeleton (Assistive robotics) for neuro rehabilitation, Beneficiary Partner – BionicYantra, Research Partner – NIMHANS

Phase 2 – Capacity Building : K-VLSI Program

- Objective - To provide added impetus to growth and talent availability in the VLSI Design sector in Karnataka and attract semiconductor companies to establish operations in the state.
- Goal: Skill enhancement for "First-Day-First-Hour" readiness for the VLSI Design Industry.
- Curriculum: Validated by Industry and IIIT-B Partners- KDEM, IESA, SFAL, and Industry Partners
- Outcome: Industry-ready candidates with "First-Day-First-Hour" productivity

Targeted Beneficiaries

Cohort 1 (Pilot)	Year 1 (2023 – 2024)	60
Cohort 2	Year 2 (2024 – 2025)	100
Cohort 3	Year 3 (2025 – 2026)	100

Outreach and Capacity Building

Knowledge dissemination activities

1. Summer Internship: 3
2. Workshops: 11
3. K-VLSI PG Diploma Course: 2 cohorts
4. 2-Day Tutorials: 2
5. 3-month-AI skilling Course: 1
6. 3-month AI-Immersion Course: 1

Total Number of Students Beneficiaries: 700

- MINRO Experience Center host to several dignitaries including the Karnataka State Minister for and officials from the State and Central Governments, Representatives and visitors from other countries, Industry partners and student delegations

Startup Activities

Acceleration Program:

1. Health Care:1
2. Industry 4.0
3. Med-Tech(Ongoing)
4. Sustainability (Smart Manufacturing, Climate-Tech, Clean Mobility & Evs) (ongoing)
5. Pre-incubation Program on Water and Sanitation

Workshops

1. Healthcare: 4
2. Industry 4.0: 2
3. Med-Tech: 2 (Planned)
4. Sustainability: 2 (Planned)

- Number of start-ups trained: 26
- Number of Workshops conducted: 6
- Number of Pre-incubate start-ups supported: 19
- Number of Investor Connect Programs conducted: 3
- Number of Pilot Deployment Programs conducted: 2

Ongoing Research Projects

New projects approved for funding and support to ongoing projects for the current phase of research:

Some key projects:

- Internet of Bodies
- NSAP: A Neural Network-Based Stress Analysis Pipeline Using EEG Topographic Images
- Warehouse Robots
- Early Diagnosis of Autism via Computer Vision

Research publications

1. Soumick Majumdar, Anshul Madurwar, Anmol Shetty and Kurian Polachan, "hbcLock: Encrypted RF Communication Utilizing Body-Coupled Keys for the Internet of Bodies", 38th International Conference on VLSI Design & 24th International Conference on Embedded System, VLSID 2025, Bangalore, India (Jan 6-8,2025).
2. Kurian Polachan, and Bijeet Basak, PyBlkSim: An Open-Source Block-Based Discrete-Time Simulator, 17th International Conference on COMmunication Systems & NETworkS, COMSNETS 2025, Bangalore, India (Jan 7-8,2025).
3. Dilli Babu Porlapothula and Kurian Polachan, "CapPUF: A Tamper-Resistant PUF Utilizing I/O Capacitances for IoT Nodes," in Proc. IEEE International Symposium on Circuits and Systems (ISCAS), London, United Kingdom,May 25-28, 2025, 5p. doi: https://doi.org/10.1109/ISCAS56072.2025.11043582.
4. Beryl Gnanaraj, Swetha Manivasagam and Jaya Sreevalsan-Nair, "To the Point: From Dynamic Heatmap Video to Gaze Points," in Proc. 2025 Symposium on Eye Tracking Research and Applications (ETRA '25), Tokyo Japan May 26 – 29, 2025, 9p. doi: https://doi.org/10.1145/3715669.3725873.
5. Prachi Naik and Vinu E. Venugopal, "Balancing Privacy and Utility: Semantic Anonymization of Time-Aware Knowledge Graphs," in Proc. 22nd European Semantic Web Conference (ESWC 2025), Portoroz, Slovenia, June 1–5, 2025. doi: https://doi.org/10.1007/978-3-031-94575-5_10.
6. Biplab Das and Viswanath Gopalakrishnan, "Camouflage Anything: Learning to Hide using Controlled Out-painting and Representation Engineering," in Proc. IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR 2025), Tennessee, USA, June 11-15, 2025, pp. 3603-3613. doi: https://openaccess.thecvf.com/content/CVPR2025/papers/Das_Camouflage_Anything_Learning_to_Hide_using_Controlled_Out-painting_and_Representation_CVPR_2025_paper.pdf.

7. Jhelum Das, Vandana M. Ladwani and V. Ramasubramanian, "Clustering by Limit-Cycles in Hopfield Neural Network," in Proc. International Conference on Artificial Intelligence Applications and Innovations (AIAI 2025), Limassol, Cyprus, June 26–29, 2025, pp. 43-56. doi: https://doi.org/10.1007/978-3-031-96231-8_4.
8. Agnibh Pathak, Soham Bhattacharjee, Tulika Saha and Sriparna Saha, "Does Sentiment and Emotion affect Mental Health? A Multi-task Classification Framework for Comprehensive Understanding of Mental Health, Emotion, and Sentiment from Motivational Conversations," ACM Transactions on Computing for Healthcare, vol. 6, no. 2, 16p., April 2025, Article no. 28. doi: https://doi.org/10.1145/3704740.
9. Karthik Sama, Jaya Sreevalsan-Nair et.al., "mindLAMPVis as a Co-Designed Clinician-Facing Data Visualization Portal to Integrate Clinical Observations From Digital Phenotyping in Schizophrenia: User-Centered Design Process and Pilot Implementation," JMIR Formative Research, vol. 9, June 2025, Article no. e70073. doi: https://doi.org/10.2196/70073.
10. Debanjali Bhattacharya and Neelam Sinha, "Towards understanding the functional connectivity patterns in visual brain network," Medical & Biological Engineering & Computing, Online June 2025. doi: https://doi.org/10.1007/s11517-025-03389-9.
11. Dhruv Awasthi, Pooja S. B. Rao and Dinesh Babu Jayagopi, "ResumeGenAI: Supporting Job Seekers with LLM-Driven Resume Feedback," in Proc. 7th ACM Conference on Conversational User Interfaces (CUI'25), Canada, July 8-10, 2025, 9p. doi: https://doi.org/10.1145/3719160.373762.
12. Aisha Aijaz, Arnav Batra, Aryaan Bazaz, Srinath Srinivasa, Raghava Mutharaju and Manohar Kumar, "Moral Compass: A Data-Driven Benchmark for Ethical Cognition in AI," in Proc. 34th International Joint Conference on Artificial Intelligence (IJCAI), Montreal, Canada, August 16-22, 2025, pp. 9529-9537. doi: https://doi.org/10.24963/ijcai.2025/1059
13. Apurva Kulkarni, Pooja Bassin and Srinath Srinivasa, "From Dashboards to Do-Boards: A Data-Driven Architecture for Policy Support Systems," in Proc. 14th International Conference on Electronic Government and the Information Systems Perspective (EGOVIS 2025), Bangkok, Thailand, August 25–27, 2025, pp. 175-189. doi: https://doi.org/10.1007/978-3-032-02225-7_12
14. Anant Mohan, Yiyong Tan, Sarthak Harne, Viswanath Gopalakrishnan, Bhaskar Banerjee and Rishi Ranjan, "Visual Prompt Aided Single Shot Object Part Segmentation," in Proc. IEEE International Conference on Image Processing (ICIP), Alaska, USA, September 14-17, 2025, pp. 1396-1401. doi: https://doi.org/10.1109/ICIP55913.2025.11084470
15. Antara Roy Choudhury, Jeba Berlin, Arita Noelle Prasad, Sowmya Murli, Vijaya Raman, Dinesh Babu Jayagopi and Shyam Sundar Rajagopalan, "VLM-Guided Toddler Behavior Recognition from Semi-Structured Triadic Play Videos," in Proc. 3rd International Workshop on Multimodal and Responsible Affective Computing (MRAC '25), Dublin, Ireland, October 27-31, 2025, pp. 75 – 84.doi: https://doi.org/10.1145/3746270.3760229
16. Venkat Suprabath Bitra, Reddy Rani Vangimalla and Jaya Sreevalsan-Nair, "Network-based Diseasome Construction from Multi-omics Data and RadTrix Visualization," IEEE Transactions on Computational Biology and Bioinformatics Early Access (August 15, 2025). doi: https://doi.org/10.1109/TCBBIO.2025.3599771
17. Parakram Singh Tanwer, Shishir Maheshwari, Sushree Behera, Amit Chauhan and T. Sunil Kumar, "Evaluation of vision transformers for the detection of fullness of garbage bins for efficient waste management," Frontiers in Artificial Intelligence: Machine Learning and Artificial Intelligence, vol. 8, September 2025. doi: https://doi.org/10.3389/frai.2025.1612080
18. Praseeda, Srinath Srinivasa and Prasad Ram,

"Learning Map: Representing and Reasoning over Diverse Assimilation Patterns of Learners," Next Research, Online September 2025 (In Press) doi:https://doi.org/10.1016/j.nexres.2025.100804

19. Debanjali Bhattacharya, Neelam Sinha, R. Yashwanth and Amit Chattopadhyay, "Image complexity-based fMRI-BOLD visual network categorization across visual datasets using topological descriptors and deep-hybrid learning," Scientific Reports, vol. 15, no.1, October 2025 doi: https://doi.org/10.1038/s41598-025-20635-0
20. Darli Myint Aung, G. R. Sinha, Dinesh Babu Jayagopi, "Shan Handwritten Alphabet Recognition System: A Comparative Study of Machine Learning and Deep Learning Method,"Proc. AISMT 2025, Vadodara, India, Feb 20–21, 2025, pp. 207-222.DOI: https://doi.org/10.1007/978-3-032-08260-2
21. Nandhu, G. R. Sinha and Vinu E. Venugopal, "NSAP: A Neural Network-Based Stress Analysis Pipeline Using EEG Topographic Images,"Proc. AISMT 2025, Vadodara, India, Feb 20–21, 2025, pp. 306-323.DOI: https://doi.org/10.1007/978-3-032-08260-2_22
22. Anuj Arora, Apurva Kulkarni, and Srinath Srinivasa, "GeoHealth Karnataka: A Geospatial Framework for Comprehensive Healthcare Accessibility Analysis,"Proc. SSTD '25, Osaka, Japan, Aug 25–27, 2025, pp. 238-242.DOI: https://doi.org/10.1145/3748777.3748798
23. Pooja S. B. Rao, Laxminarayen Nagarajan Venkatesan, Mauro Cherubini and Dinesh Babu Jayagopi, "The AI Model Risk Catalog: What Developers and Researchers Miss About Real-World AI Harms,"Proc. AAAI/ACM Conference on AI, Ethics, and Society, Madrid, Spain, Oct 20–22, 2025, pp. 2150-2163.DOI: https://doi.org/10.1609/aies.v8i3.36702
24. Pooja S. B. Rao, Laxminarayen Nagarajan Venkatesan, Mauro Cherubini and Dinesh Babu Jayagopi, "Invisible Filters: Cultural Bias in Hiring Evaluations Using Large Language Models,"Proc. AAAI/ACM Conference on AI, Ethics, and Society, Madrid, Spain, Oct 20–22, 2025, pp. 2164-2176. DOI: https://doi.org/10.1609/aies.v8i3.36703
25. Antara Roy Choudhury, Jeba Berlin, Arita Noelle Prasad, Sowmya Murli, Vijaya Raman, Dinesh Babu Jayagopi and Shyam Sundar Rajagopalan, "VLM-Guided Toddler Behavior Recognition from Semi-Structured Triadic Play Videos,"Proc. MRAC '25, Dublin, Ireland, Oct 27–31, 2025, pp. 75-84.DOI: https://doi.org/10.1145/3746270.3760229
26. Indu Solomon, Aye Phyu Phyu Aung, Uttam Kumar, and Senthilnath Jayavelu, "Caption, Create, Continue: Continual Learning with Pre-trained Generative Vision-Language Models," Proc. CIKM '25, Seoul, Korea, Nov 10–14, 2025, pp. 5258–5262. DOI: https://doi.org/10.1145/3746252.3760926
27. Debanjali Bhattacharya, Neelam Sinha, R. Yashwanth and Amit Chattopadhyay, "Image complexity-based fMRI-BOLD visual network categorization across visual datasets using topological descriptors and deep-hybrid learning," Scientific Reports, vol. 15, Oct 2025, Article no. 36845. DOI: https://doi.org/10.1038/s41598-025-20635-0

Principal Investigator:
Prof Rajagopalan

Sponsors:
Bill and Melinda gates Foundation, Tata Trust, Omidyar Network and Nordic Fund

Purpose:

To Build a Foundational Digital ID for Financial inclusion.

Highlights

- Completely open-source
- Global Digital Public Good

Use cases

- Foundational ID
- Functional ID

Research Collaborations

- Alan Turing Institute, UK
- Carnegie Mellon University, Africa
- Oregon State University, USA
- Aapti Institute, Bangalore

- Start Date: 27 August 2018.
- Early Adopters: Morocco and Philippines.
- Project is recognised by many countries and implemented in Sri Lanka.

Collaborations with Professional Bodies

- IEEE
- Open Wallet Foundation (OWF)
- Open ID Connect (OIDC)
- GovStack
- G2P Connect

Total reach of 1+ Billion residents worldwide.
30 countries engagement.

New Initiatives

01. OpenG2P - an open-source benefits registry and delivery platform

- spun out of MOSIP as an independent project under the IIIT-Bangalore
- recently funded by international philanthropy for development and country adoption
- Philippines is the first adopter, 3-4 adoptions likely in next 2 years

02. Digital Credential Stack (DCS)

- would leverage MOSIP's work through Inji and e-signet
- being developed in partnership with EkStep foundation
- will offer a stack of technologies to issue, store, and share digital credentials across the digital economy

CIET

CENTRE FOR INTERNET OF ETHICAL THINGS

Duration: 5 yrs.

Funds: Rs. 22.92 crores

Create Ethics framework in the application of Artificial Intelligence (AI) and Internet of Technologies (IoT) particularly in the field of agriculture, education, health, manufacturing, and smart cities

Ongoing Projects

- Combating Security and Privacy Breaches in IoT Systems
- Data Anonymization on knowledge Graphs
- IoT based Data sensing system for Autogrow
- EMG enhanced and IoT based 9DoF rehabilitation device (XoRehab) for upper and lower limb.
- White paper on Data and Ethics Privacy

PROJECT VICT

Principal Investigator:
Prof Amit Prakash

Sponsor:
Microsoft Research Lab India Pvt Ltd &
Microsoft Corporation (India) Private Limited

IIIT-B seeks to jointly implement the VICT Project with Microsoft, the proposal for which was submitted in partnership with Vision Empower (VE), a not-for-profit enterprise incubating in the IIIT-B Innovation Centre, aimed at empowering visually impaired students of K-12 grades by digitally skilling them, and redefining and updating the Computational Thinking curriculum/course in India, and empowering visually impaired students to access the corresponding modified accessible content identified for the curriculum.

Project Activities

- Design and implementation of user experience for students (young children, first time users of tech) and teachers (many of them vision impaired) to access the end devices and to effectively utilize the content for their learning and empowerment
- Tools to enable teachers to create content both in audio recording & Digital book format
- Apps like IVR, e-book reader, online-meetings, and CT games

Progress

- The pilot has been conducted with 29 children in 5 schools spread across Karnataka
- A total of 130 sessions (moderated by an instructor) have been conducted for them spanning a duration of 97 hours
- An enjoyable interactive content database has been created, using age-appropriate learning requirements and integrating them with stories, games, quizzes

CENTRE FOR OPEN DATA RESEARCH (CODR)

Principal Investigator: Prof Srinath Srinivasa

Sponsor: Government of Karnataka

Duration : 5 yrs Funds : Rs. 6.96 crores

The Centre for Open-Data Research is aimed at promoting open-data utilisation through data science research outputs, tools and techniques with an objective to apply the results towards progressing human development or enhancing customer consumption experience. Open-Data is defined as data that is freely available for access, reuse, redistribution for everyone without any restrictions

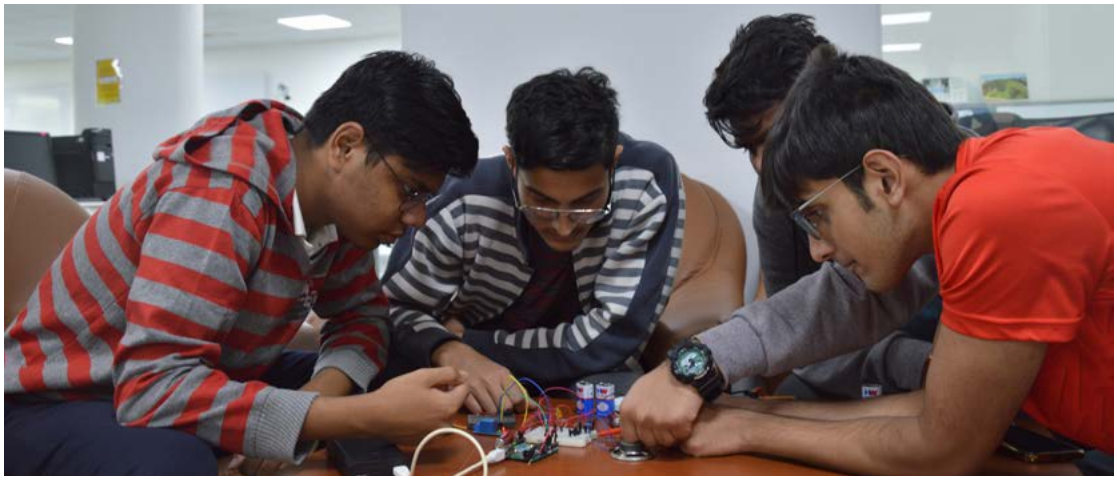
IIIT-Bangalore is spearheading the design, development, implementation, and deployment of the Proof-of-Concept (PoC) of a data-driven, analytics-enabled Policy Support System (PSS), named Karnataka Data Lake for evaluation by the Department of Planning, Programme Monitoring and Statistics (DPPMS), Government of Karnataka (GoK). Recently, it became part of the GoK DSS website Avalokana: https://avalokana.karnataka.gov.in/DataLake/DataLake

UN Sustainable Development Goals

Sustainable Development Goals (2015) replace the Millennium Development Goals (2000 - 2015) UN adopted 17 SDGs with 169 targets and 232 unique indicators.

Conclusions and Future Work

- The Policy Support System intends to aid policymakers in understanding different spheres of sustainable development goals, its targets and indicators
- The SDG targets have common concerns across domains hence undeniably these elements play a significant role affecting multiple terrains
- The distinguishing feature of PSS is the ability of identify intervention impacts both within and beyond the models
- Expand models library at a more granular level
- Expand knowledge graph with all possible entities pertaining to governance of Karnataka districts and identify latent relations
- Build District-SDG tracking map



R&D EXPENDITURE

Ser	Year	Total R & D Expenses	Annual IP Expenditure
1	2023-24	1,21,41,29,275.45	9,52,300.00
2	2024-25	1,49,54,23,665.35	11,03,800.00
3	2025-26	1,92,88,22,918.97	6,93,218.00
	TOTAL AMOUNT	**4,63,83,75,859.77**	**27,49,318.00**

Note: Almost 40% increase in R&D expenditure

PUBLICATIONS

Year	Conference Papers	Journals
2021	132	40
2022	120	52
2023	131	44
2024	**135**	**49**
2025	**131**	**51**

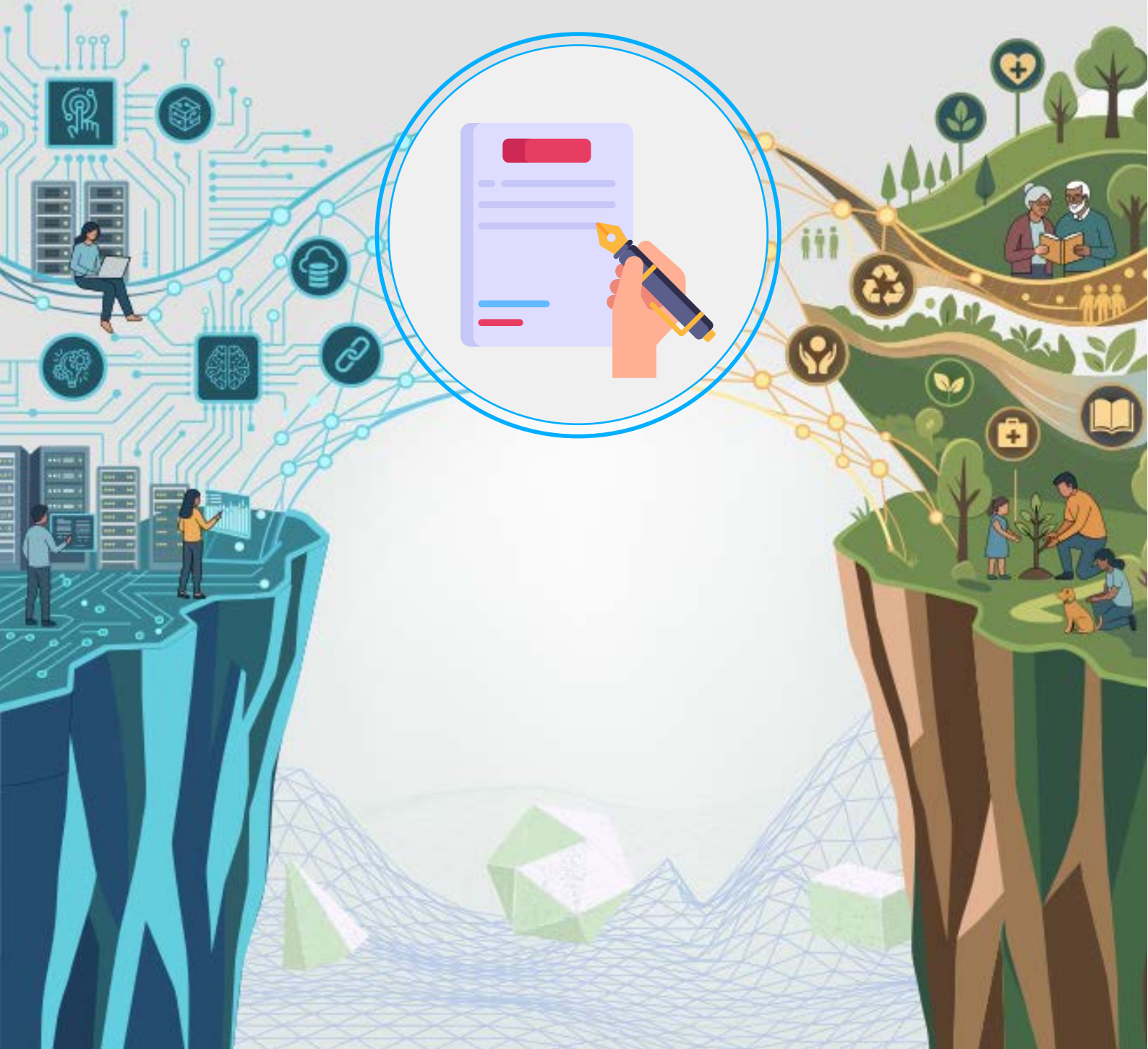
PATENTS (LAST FIVE YEARS)

Patent granted	10
Patent Filed & Published	31

IIIT-Bangalore received the “Top 50 IP Driven Organisation in India” Award at the Confederation of Indian Industry (CII) Global Summit on Technology, R&D and Intellectual Property 2025

International
Institute of Information
Technology Bangalore

13
PUBLICATIONS



CONFERENCE PUBLICATIONS

Juan Antonio Lossio-Ventura, Callum Chan, Arshitha Basavaraj, Hugo Alatrista-Salas, Francisco Pereira, Diana Inkpen, "5cNLP at BioLaySumm2025: Prompts, Retrieval, and Multimodal Fusion," 24th Workshop on Biomedical Language Processing (Shared Tasks), Vienna, Austria, August 1, 2025, pp. 215-231. doi: https://doi.org/10.18653/v1/2025.bionlp-share.27

Imran Khan, Deepak Dasaratha Rao, Mallesh Deshapaga and Amit Taneja, "Hierarchical AI Agents with LLM-Driven Strategic Planning for Energy-Efficient Traffic Optimization in Smart City IoT Networks," 5th International Conference on Computing and Communication Networks (ICCCN 2025), Manchester, UK, August 1–2, 2025, pp. 548-565. doi: https://doi.org/10.1007/978-3-032-14194-1_39

Himanshi Srivastava and Uttam Kumar, "TESA-Net: A Novel Triplet Attention-Enhanced Skip Atrous Network for Urban Land Use and Land Cover Segmentation using SAR," 2025 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2025), Brisbane, Australia, August 3-8, 2025, pp. 204-209. doi: https://doi.org/10.1109/IGARSS55030.2025.11243342

Himanshi Srivastava, Uttam Kumar and Lalith Kumar Reddy, "SAR-Only Few-shot Learning for Urban Land Use Classification," 2025 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2025), Brisbane, Australia, August 3-8, 2025, pp. 1970-1974. doi: https://doi.org/10.1109/IGARSS55030.2025.11242867

Rahisha Thottolil, Madhurima Panja and Uttam Kumar, "Analysis of Regional Air Quality Data Using Extreme Value Theory and Deep Learning Models," 2025 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2025), Brisbane, Australia, August 3-8, 2025, pp. 3357-3361. doi: https://doi.org/10.1109/IGARSS55030.2025.11243734

Rahisha Thottolil, Uttam Kumar and Sai Shruti Prakhya, "Predicting Urban Growth Using a Spatio-Temporal Matrix Model: Insights from Bangalore City, India," 2025 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2025), Brisbane, Australia, August 3-8, 2025, pp. 4276-4280. doi: https://doi.org/10.1109/IGARSS55030.2025.11243858

Pruthvi Parate, Daksh Sharma, Alwin Shaju, Vasanthi D R and Madhav Rao, "Meta-Heuristic Optimization of Karatsuba Multiplier Designed ECC Processor," IEEE/ACM International Symposium on Low Power Electronics and Design (ISLPED), Reykjavík, Iceland, August 6-8, 2025, 7p. doi: https://doi.org/10.1109/ISLPED65674.2025.11261697

Chandrima Bhattacharya and V. Sridhar, "Impact of Taxation on Cross-Border Digital Gig Work Platforms: A Game theoretic approach," The Americas' Conference on Information Systems, AMCIS 2025: Changing Nature and the Future of Work (SIG CNOW), Montreal, Canada, August 14-16, 2025, 6p. doi: https://aisel.aisnet.org/amcis2025/sig_cnow/sig_cnow/7

Aisha Aijaz, Arnav Batra, Aryaan Bazaz, Srinath Srinivasa, Raghava Mutharaju and Manohar Kumar, "Moral Compass: A Data-Driven Benchmark for Ethical Cognition in AI," 34th International Joint Conference on Artificial Intelligence (IJCAI), Montreal, Canada, August 16-22, 2025, pp. 9529-9537. doi: https://doi.org/10.24963/ijcai.2025/1059

Ameena K Ashraf and Meenakshi D'Souza, "Mutation Testing of Programs for Industrial Robots," IEEE 21st International Conference on Automation Science and Engineering (CASE), Los Angeles, USA, August 17-21, 2025, pp. 3016-3021. doi: https://doi.org/10.1109/CASE58245.2025.11163762

Sujoy Roychowdhury, Ranjani H.G., Sumit Soman, Nishtha Paul, Subhadip Bandyopadhyay and Siddhanth Iyengar, "Intelligibility of Text-to-Speech Systems for Mathematical Expressions," Interspeech 2025, Rotterdam, The Netherlands, August 17-21, 2025, pp. 2280-2284. doi: doi.org/10.21437/Interspeech.2025-779

Malobi Mukherjee, "Design of a Single-Lead ECG Emulator," IEEE 6th India Council International Subsections Conference (INDISCON), Rourkela, India, August 21-23, 2025, 6p. doi: https://doi.org/10.1109/INDISCON66021.2025.11254700

Apurva Kulkarni, Pooja Bassin and Srinath Srinivasa, "From Dashboards to Do-Boards: A Data-Driven Architecture for Policy Support Systems," 14th International Conference on Electronic Government and the Information Systems Perspective (EGOVIS 2025), Bangkok, Thailand, August 25–27, 2025, pp. 175-189. doi: https://doi.org/10.1007/978-3-032-02225-7_12

Anuj Arora, Apurva Kulkarni, and Srinath Srinivasa, "GeoHealth Karnataka: A Geospatial Framework for Comprehensive Healthcare Accessibility Analysis," 19th International Symposium on Spatial and Temporal Data (SSTD '25), Osaka, Japan August 25 - 27, 2025, pp. 238-242. doi: https://doi.org/10.1145/3748777.3748798

Ishan Jha, Shannon M and Madhav Rao, "Localized Floating Bot for Restoration of Water Bodies," 29th International Conference on Methods and Models in Automation and Robotics (MMAR), Miedzyzdroje, Poland, August 26-29, 2025, pp. 225-230. doi: https://doi.org/10.1109/MMAR65820.2025.11150917

Sayak Chowdhury, Hardik Khandelwal and Meenakshi D'Souza, "Robustness Verification for Object Detectors Using Set-Based Reachability Analysis," 34th International Conference on Artificial Neural Networks and Machine Learning (ICANN 2025), Kaunas, Lithuania, September 9–12, 2025, pp. 481-492. doi: https://doi.org/10.1007/978-3-032-04546-1_39

Kanish R, Sai Vishwanath Rohit Komaragiri, Yash Sengupta and Madhav Rao, "VPSA: A Vectored Processing Element Configured Systolic Array Architecture Generator," 28th Euromicro Conference on Digital System Design (DSD), Salerno, Italy, September 10-12, 2025, pp. 81-87. doi: https://doi.org/10.1109/DSD67783.2025.00023

M Arun and Madhav Rao, "Efficient POSIT Multiplier with Multi-flag Priority Encoding and Multistage Booth Processing," 28th Euromicro Conference on Digital System Design (DSD), Salerno, Italy, September 10-12, 2025, pp. 285-291. doi: https://doi.org/10.1109/DSD67783.2025.00048

Anant Mohan, Yiyong Tan, Sarthak Harne, Viswanath Gopalakrishnan, Bhaskar Banerjee and Rishi Ranjan, "Visual Prompt Aided Single Shot Object Part Segmentation," IEEE International Conference on Image Processing (ICIP), Alaska, USA, September 14-17, 2025, pp. 1396-1401. doi: https://doi.org/10.1109/ICIP55913.2025.11084470

Nikhil Rath, Dinesh Babu Jayagopi, Ramesh Katuri and Pannaga Bhushan Reddy, "The Low-Light-Weight Network: Towards Real-Time Low-Light Image Enhancement For Smartphones and Other Low-Power Devices," 2025 IEEE International Conference on Image Processing Workshops (ICIPW), Anchorage, USA, September 14-17, 2025, pp. 604-609. doi: https://doi.org/10.1109/ICIPW68931.2025.11386424

D. Karthika, R. Muthucumaraswamy, V. P. Abidha, Pradeesha Ashok, Sriram Bhyravarapu, Sayani Das, Saket Saurabh, Ayush Sawlani Vikash Tripathi, "On the Parameterized Complexity of Cosecure Domination," 25th International Symposium on Fundamentals of Computation Theory (FCT 2025), Wrocław, Poland, September 15–17, 2025, pp. 281-294. doi: https://doi.org/10.1007/978-3-032-04700-7_21

Utathya Aich, Shinjini Chakraborty, Deepan Sadhukhan, Swarnendu Ghosh and Tulika Saha, "HiLEx: Image-Based Hierarchical Layout Extraction from Question Papers," 19th International Conference on Document Analysis and Recognition (ICDAR 2025), Wuhan, China, September 16–21, 2025, pp. 485-505. doi: https://doi.org/10.1007/978-3-032-04627-7_28

Anshuman Kumar, Dantu Nandini Devi, Mahati Basavaraju and Madhav Rao, "ML-Assisted Error-Tolerant Inexact Multiplier Allocation for Energy-Efficient Systolic Arrays," 2025 IEEE 38th International System-on-Chip Conference (SOCC), Dubai, UAE, September 29 - October 1, 2025,. doi: https://doi.org/10.1109/SOCC66126.2025.11235416

Sreyas Janamanchi, Pradyumna G, Chinmay Krishna R and Madhav Rao, "CIPHERX: A Unified High-Efficiency AES Encryption and CMAC Authentication Accelerator for Edge Applications," 2025 IEEE Asia Pacific Conference on Circuits and Systems (APCCAS), Busan, Republic of Korea, October 12-15, 2025, 5p. doi: https://doi.org/10.1109/APCCAS67402.2025.11376833

Nanda Mitra Pammi, Mohit Jagini and Madhav Rao, "FlexGlove: Grasp-Based 3D Object Reconstruction Using Wearable Sensors," IEEE Sensors, Vancouver, Canada, October 19-22, 2025, 4p. doi: https://doi.org/10.1109/SENSORS59705.2025.11330728

Akash Gaurav and Muralidhara VN, "Analysis of Error Root Cause Identification Algorithms," 2025 International Conference on Data Science and Intelligent Systems (DSIS), Chengdu, China, October 19-22, 6p. doi: https://doi.org/10.1109/DSIS67228.2025.11390655

Aditya Savaliya, Priyanka Das and Rajalakshmy G, "Performance Analysis of Secure Energy Harvesting Spectrum Sharing Networks under Imperfect CSI," IEEE 102nd Vehicular Technology Conference (VTC2025-Fall), Chengdu, China, October 19-22, 6p. doi: https://doi.org/10.1109/VTC2025-Fall65116.2025.11310752

Apurva Kulkarni and Chandrashekar Ramanathan, "GRAILS - A Framework for Embedding Ethical Safeguards in Software Applications for Responsible AI," 8th AAAI/ACM Conference on AI, Ethics, and Society, Madrid, Spain from October 20-22, 2025, pp. 1513-1523 vol. 8. no. 2, pp. 1513-1523. doi: https://doi.org/10.1609/aies.v8i2.36650

Pooja S. B. Rao, Laxminarayen Nagarajan Venkatesan, Mauro Cherubini and Dinesh Babu Jayagopi, "The AI Model Risk Catalog: What Developers and Researchers Miss About Real-World AI Harms," 8th AAAI/ACM Conference on AI, Ethics, and Society, Madrid, Spain, October 20-22, 2025, (vol. 8. no. 3), pp. 2150-2163. doi: https://doi.org/10.1609/aies.v8i3.36702

Pooja S. B. Rao, Laxminarayen Nagarajan Venkatesan, Mauro Cherubini and Dinesh Babu Jayagopi, "Invisible Filters: Cultural Bias in Hiring Evaluations Using Large Language Models," 8th AAAI/ACM Conference on AI, Ethics, and Society, Madrid, Spain, October 20-22, 2025, (vol. 8. no. 3), pp. 2164-2176. doi: https://doi.org/10.1609/aies.v8i3.36703

Duraiarasu E, Madhav Rao, Ananthanarayanan B, Aswin S. Abilash R and Akash B, "A Wearable Gait Rehabilitation Device for Parkinson's Disease: Multi-Sensor Monitoring and Adaptive Assistance," International Conference on Electrical Systems & Automation (ICESA), Troyes, France, October 22-24, 2025, 6p. doi: https://doi.org/10.1109/ICESA66763.2025.11281344

Duraiarasu E, Madhav Rao, Ananthanarayanan B, Aswin S, Akash B and Abilash R, "Predicting Anthropometric Dimensions Using Machine Learning for Biomedical Anthropometric Wearable Devices," International Conference on Electrical Systems & Automation (ICESA), Troyes, France October 22-24, 2025, 6p. doi: https://doi.org/10.1109/ICESA66763.2025.11281373

Pandey Shourya Prasad, Vidhish Trivedi, Madhav Rao and Srijoni Sen, "JURISMIND: Context-Driven Retrieval for Accurate and Relevant Legal Question-Answering in Patent Filings," 17th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management, Marbella, Spain, October 22-24, 2025, pp. 323-329. doi: https://doi.org/10.5220/0013716600004000

Harshal Purohit and B. Thangaraju, "Containerized Linux Job Scheduler: A Multithreaded Socket-Based System with Docker Deployment," IEEE 6th Global Conference for Advancement in Technology (GCAT), Bangalore, India, October 24-26, 2025, 6p. doi: https://doi.org/10.1109/GCAT66372.2025.11368450

G. Sai Prakash and Rituparna Choudhury, "Object Detection for Intelligent Vehicles," 2025 IEEE Region 10 Conference (TENCON), Kota Kinabalu, Malaysia, October 27-30, 2025, pp. 366-370. doi: https://doi.org/10.1109/TENCON66050.2025.11375112

Gangula Rakesh and Rituparna Choudhury, "A Hybrid Technique for Object Recognition," 2025 IEEE Region 10 Conference (TENCON), Kota Kinabalu, Malaysia, October 27-30, 2025, pp. 694-697. doi: https://doi.org/10.1109/TENCON66050.2025.11375022

Rakesh Kumar Yadav, Sai Kumar Dora, Himanshu B. Mishra and Samrat Mukhopadhyay, "Design of Optimal Reflection Coefficients and Low-Complexity Equalizer for IRS-OTFS System," 2025 IEEE Region 10 Conference (TENCON), Kota Kinabalu, Malaysia, October 27-30, 2025, pp. 928-932. doi: https://doi.org/10.1109/TENCON66050.2025.11375025

Antara Roy Choudhury, Jeba Berlin, Arita Noelle Prasad, Sowmya Murli, Vijaya Raman, Dinesh Babu Jayagopi and Shyam Sundar Rajagopalan, "VLM-Guided Toddler Behavior Recognition from Semi-Structured Triadic Play Videos," 3rd International Workshop on Multimodal and Responsible Affective Computing (MRAC '25), Dublin, Ireland, October 27-31, 2025, pp. 75 - 84. doi: https://doi.org/10.1145/3746270.3760229

Sooraj Sathish, Keshav Goyal and Raghuram Bharadwaj Diddigi, "Learning Distinguishable Representations in Deep Q-Networks for Linear Transfer," 37th International Conference on Tools with Artificial Intelligence (ICTAI), Athens, Greece, November 3-5, 2025, pp. 165-172. doi: https://doi.org/10.1109/ICTAI66417.2025.00029

Varad Bharadiya, Aasmaan Gupta and Sachit Rao, "Learning to Generalize Without Adaptation: Zero-Shot Reinforcement Learning for Perturbed Robotic Systems," 25th International Conference on Control, Automation and Systems (ICCAS), Incheon, Republic of Korea, November 4-7, 2025, pp. 1356-1360. doi: https://doi.org/10.23919/ICCAS66577.2025.11301167

Visvajiit Chezhian and Sachit Rao, "A Vectorial Approach to Particle Filter Weighting and Resampling for Robot Localization," 25th International Conference on Control, Automation and Systems (ICCAS), Incheon, Republic of Korea, November 4-7, 2025, pp. 1457-1462. doi: https://doi.org/10.23919/ICCAS66577.2025.11301265

Kyawt Kyawt Htay and Jaya Sreevalsan-Nair, "Attention- and Uncertainty-based Enhancements to U-Net Model for Semantic Segmentation of Aerial Imagery for Land Cover Classification," International Conference on Robotics and Mechatronics (ICRM), Kollam, India, November 7-8, 2025 , 6p. doi: https://doi.org/10.1109/ICRM66809.2025.11349115

Samudrala Soujanya; Prem Singh; Ekant Sharma, "Hardware Efficient CRC Algorithm for 5G-NR," IEEE Future Networks World Forum (FNWF), Bengaluru, India, November 10-12, 2025, 6p. doi: https://doi.org/10.1109/FNWF66845.2025.11317523

Goutham, L and Prem Singh, "Fast and Energy Efficient Cell Selection for N2L Handover in DSS," IEEE Future Networks World Forum (FNWF), Bengaluru, India, November 10-12, 2025, 6p. doi: https://doi.org/10.1109/FNWF66845.2025.11317656

Tamizhelakkiya K, Dibakar Das, Komal Sharma, Jyotsna Bapat and Debabrata Das, "Digital Twin Assisted Proactive Management in Zero Touch Networks," IEEE Future Networks World Forum (FNWF), Bengaluru, India, November 10-12, 2025, 6p. doi: https://doi.org/10.1109/FNWF66845.2025.11317204

Arjun Menon K, Samudrala Soujanya and Prem Singh, "Low-Complex LLR Computation for 5G-NR," IEEE Future Networks World Forum (FNWF), Bengaluru, India, November 10-12, 2025, 6p. doi: https://doi.org/10.1109/FNWF66845.2025.11317690

Neelam Gupta, Dibakar Das, Tamizhelakkiya K, Uma Maheswari Natarajan, Sharvari Ravindran, Komal Sharma, Jyotsna Bapat and Debabrata Das, "A Novel Integrated Architecture for Intent Based Approach and Zero Touch Networks," IEEE Future Networks World Forum (FNWF), Bengaluru, India, November 10-12, 2025, 6p. doi: https://doi.org/10.1109/FNWF66845.2025.11317209

Sathish Babu Sekar and K Tamizhelakkiya, "A Polar Feature Based Convolutional Random Forest Classifier for Modulation Classification in Resource Constrained Application," IEEE Future Networks World Forum (FNWF), Bengaluru, India, November 10-12, 2025, 5p. doi: https://doi.org/10.1109/FNWF66845.2025.11317356

Pavan Iddalagi and Amrita Mishra, "TASC : Tactical Assessment-based SD-WAN Control For Mainstream Traffic Management," IEEE Future Networks World Forum (FNWF), Bengaluru, India, November 10-12, 2025, 7p. doi: https://doi.org/10.1109/FNWF66845.2025.11317178

Sathish Babu Sekar and K Tamizhelakkiya, "Spectrum Data Monitoring based on Frequency Occupancies for Dynamic Spectrum Access," IEEE Future Networks World Forum (FNWF), Bengaluru, India, November 10-12, 2025, 6p. doi: https://doi.org/10.1109/FNWF66845.2025.11317242

Srinivasan Selvaganapathy, Sharvari Ravindran, Jyotsna Bapat and Debabrata Das, "Novel Random Access Protocol for Resource Efficient mMTC Access in Cell-Free Massive MIMO System," IEEE Future Networks World Forum (FNWF), Bengaluru, India, November 10-12, 2025, 6p. doi: https://doi.org/10.1109/FNWF66845.2025.11317216

Chandan Kumar N S, Bhavana S, Ajitesh Kumar Singh and Madhav Rao, "Hardware Efficient Multiplier Design Using an Optimal Mix of Approximate Booth Encodings," IEEE 43rd International Conference on Computer Design (ICCD), Texas, USA, November 10-12, 2025, pp. 41-48. doi: https://doi.org/10.1109/ICCD65941.2025.00013

Indu Solomon, Aye Phyu Phyu Aung, Uttam Kumar, and Senthilnath Jayavelu, "Caption, Create, Continue: Continual Learning with Pre-trained Generative Vision-Language Models," 34th ACM International Conference on Information and Knowledge Management (CIKM '25), Seoul Republic of Korea November 10 - 14, 2025, pp. 5258–5262. doi: https://doi.org/10.1145/3746252.3760926

Sakshi Arora and R.R. Manikandan, "PSRR-Aware (gm/Id)-Based LDO Design with Load-Capacitance and Quiescent-Current Optimization," 2025 IEEE 6th International Women in Technology Conference (WINTECHCON), Bengaluru, India, November 12-13, 2025, 6p. doi: https://doi.org/10.1109/Wintechcon66724.2025.11429775

Nitheesh Kumar Muppalla, Omkar Vijay Gavandi and Sakshi Arora, "Design Methodology and Automation of a Three-Stage, Output-Capacitorless LDO with - 100-dB PSRR, 3.45-µA Iq and 800-µA-to-150-mA ILOAD for Supplying Wearable Devices," 2025 IEEE Design Methodologies Conference (DMC), Arizona, USA, November 17-19, 2025, 6p. doi: https://doi.org/10.1109/DMC65958.2025.11475281

Ankit Gahlawat, Anirban Mukherjee and Dinesh Babu Jayagopi, "Efficient Label Refinement for Face Parsing Under Extreme Poses Using 3D Gaussian Splatting," 2025 International Conference on Visual Communications and Image Processing (VCIP), Klagenfurt, Austria, December 1-4, 2025, 5p. doi: https://doi.org/10.1109/VCIP67698.2025.11396803

Duraiarasu E, Madhav Rao, Brahadeesh V RA, Ananthanarayanan B, Pooraani E P and Ajay Kumar K, "Intelligent Multimodal Cueing Wearable Device for Gait Rehabilitation in Parkinson's Disease Patients," IEEE East-West Design & Test Symposium (EWDTS), Tbilisi, Georgia, December 5-8, 2025, 6p. doi: https://doi.org/10.1109/EWDTS67441.2025.11303700

Duraiarasu E, Madhav Rao, Ananthanarayanan B, Brahadeesh V RA, Kaarunya Shree G and Ajay Kumar K, "Automated Orthopedic Sole Fabrication Using Gradient Boost-Based Anthropometric Prediction and CNC G-code Generation," IEEE East-West Design & Test Symposium (EWDTS), Tbilisi, Georgia,December 5-8, 2025, 6p. doi: https://doi.org/10.1109/EWDTS67441.2025.11303697

Anand Mehrotra, Priyanka Maity, Ekant Sharma, Prem Singh and Aditya K. Jagannatham, "Secure Hybrid Precoding in mmWave MIMO OTFS System in the presence of Transmitter IQI," 2025 IEEE Globecom

Workshops (GC Wkshps), Taipei, Taiwan, December 8-12, 2026, pp. 788-793. doi: https://doi.org/10.1109/GCWkshps68340.2025.11590971

Yin Win Chit and Jaya Sreevalsan-Nair, "Hybrid Deep Learning for Semantic Segmentation of High-Resolution Aerial Imagery for Post-Flood Scene Understanding," 2025 IEEE India Geoscience and Remote Sensing Symposium (InGARSS), Bhubaneswar, India, December 10-13, 2025, pp. 326-330. doi: https://doi.org/10.1109/InGARSS67683.2025.11583805

Sanjivani Srivastava, Vansh Sinha and Deepak Shah, "Estimation of Reduction in Methane Emission from Paddy Cultivation Using Multi-Sensor Temporal Satellite Data in Sirsa District, Haryana," 2025 IEEE India Geoscience and Remote Sensing Symposium (InGARSS), Bhubaneswar, India, December 10-13, 2025, pp. 579-583. doi: https://doi.org/10.1109/InGARSS67683.2025.11583802

Yash Mittal, Rahisha Thottolil and Uttam Kumar, "Spatial Modelling with Incremental Learning and Spatio Temporal Matrix: A Study on Urban Growth of Bengaluru, India," 2025 IEEE India Geoscience and Remote Sensing Symposium (InGARSS), Bhubaneswar, India, December 10-13, 2025, pp. 1060-1063. doi: https://doi.org/10.1109/InGARSS67683.2025.11583876

Anshuman Kumar, Mahati Basavaraju, Dantu Nandini Devi, Rachana Kaparthi and Madhav Rao, "Neural Network Augmented Compressor Selection for Error-Tolerant Multiplier Architecture Design," 2025 IEEE 7th International Conference on Emerging Electronics (ICEE), Bengaluru, India, December 13-16, 2025, 4p. doi: https://doi.org/10.1109/ICEE67165.2025.11409909

Ishan Jha, Aryan Mishra and Ananda Y. R., "Adaptive Threshold ISI Encoding for Noise-Resilient SNNs on Memristors Crossbar Arrays," 2025 IEEE 7th International Conference on Emerging Electronics (ICEE), Bengaluru, India, December 13-16, 2025, 4p. doi: https://doi.org/10.1109/ICEE67165.2025.11409726

R Harshavardhan, Keshav Goyal and Madhav Rao, "Dynamic Input-Aware Accuracy Control Hardware Architecture for Sobel Edge Detection," 2025 IEEE 7th International Conference on Emerging Electronics (ICEE), Bengaluru, India, December 13-16, 2025, 4p. doi: https://doi.org/10.1109/ICEE67165.2025.11409859

Praween Kumar Nishad, Ekant Sharma and Prem Singh, "Design of Compact 1-Bit Reconfigurable Intelligent Surface for Enhancing Wireless Coverage," 2025 IEEE Microwaves, Antennas, and Propagation Conference (MAPCON), Kochi, India, December 14-18, 2025, 4p. doi: https://doi.org/10.1109/MAPCON65020.2025.11426506

Sharath Srivatsa, M. Aparna, Srinath Srinivasa and T. B. Dinesh, "Safeguarding Plurality: The Digital Preservation of Diverse Worldviews," 13th International Conference on Big Data Analytics in Astronomy, Science, and Engineering (BDA 2025), Aizu, Japan, December 15–17, 2025, pp. 268-282. doi: https://doi.org/10.1007/978-3-032-23241-0_16

Jashwanth Kadaru, Imtiyazuddin Shaik and Srinivas Vivek, "Adversarial Attack on CryptoEyes from INFOCOM 2021," 21st International Conference on Information Systems Security (ICISS 2025), Indore, India, December 16–20, 2025, pp. 188-207. doi: https://doi.org/10.1007/978-3-032-13714-2_13

Mahima and Meenakshi D'Souza, "Quantitative Evaluation of Software Carbon Intensity for Serverless Applications," 30th International Conference on Advanced Computing and Communications (ADCOM 2025), Bengaluru, December 17-19, 2025, pp. 99-114. doi: https://doi.org/10.1007/978-3-032-26269-1_1

Sachin Mishra, "Automated Assessment of Rooftop Solar Energy Potential Using Deep Learning-Driven Building Footprint Extraction Model," 30th International Conference on Advanced Computing and Communications (ADCOM 2025), Bengaluru, December 17-19, 2025, pp. 99-114. doi: https://doi.org/10.1007/978-3-032-26269-1_7

Sasi Snigdha Yadavalli and Badrinath Ramamurthy, "GPU Kernel-Level Characterization and Optimization of Transformer Models: From Baseline to LoRA Fine-Tuning," 2025 IEEE 32nd International Conference on High Performance Computing, Data and Analytics Workshop (HiPCW), Hyderabad, India, December 17-20, 2025, pp. 233-234. doi: https://doi.org/10.1109/HiPCW66559.2025.00071

S Jeba Berlin, Antara Roy Choudhury, Arita Noelle Prasad, Sowmya Murli, Dinesh Babu Jayagopi, Vijaya Raman, Shyam Sundar Rajagopalan, "Early Diagnosis of Autism through Behaviors from Semi-Structured Triadic Play Interaction Videos," Indian Conference on Computer Vision, Graphics, and Image Processing (ICVGIP 2025), Himachal Pradesh, India, December 17-20, 2026, pp. doi: https://doi.org/10.1145/3774521.377454

Ahana Pradhan, Alaap Surendran and Jayant Haritsa, "Defog: Extending Hidden Query Extraction to Group Filters," 13th ACM IKDD International Conference on Data Science (CODS '25), Pune India December 17 - 20, 2025. doi: https://doi.org/10.1145/3799830.3799838

Adil Shiyas and Sachit Rao, "Reciprocal Collision Avoidance in Non-holonomic Robots using Collision Cones," 11th Indian Control Conference (ICC), Bangalore, India, December 18-20, 2025, pp. 406-11. doi: https://doi.org/10.1109/ICC69100.2025.11372414

Chinmay Sultania, Divyansh Singhal and Madhav Rao, "PERCIF: A Power-Efficient Reverse Carry Propagate Adder for FPGA-Based Image Filtering," 2025 First International Conference on Intelligent Computing and Systems at the Edge (ICEdge), Bangalore, India, December 18-20, 2025, 6p. doi: https://doi.org/10.1109/ICEdge67252.2025.11412509

Navya Sharma, Pandey Shourya Prasad, Chinmay Sultania and Madhav Rao, "FASA-PM: An Explainable Fuzzy-Adaptive System for Autonomous Portfolio Management," 2025 5th International Conference on Robotics, Automation, and Artificial Intelligence (RAAI), Singapore, December 18-20, 2025, pp. 890-894. doi: https://doi.org/10.1109/RAAI67517.2025.11423359

Anjali J Kumar, Swadi Korattiparambil and B. Thangaraju, "Design and Implementation of an Advanced Continuous Monitoring System for Real-Time Performance Analytics," 2025 IEEE International Conference on Recent Advances in Computing and Systems (REACS), Gwalior, India, December 19-20, 2025, 8p. doi: https://doi.org/10.1109/REACS67479.2025.11413605

Santosh Kumar Upadhyaya and B. Thangaraju, "Audit and Compliance in Zero Trust Container Framework," 2025 IEEE International Conference on Recent Advances in Computing and Systems (REACS), Gwalior, India, December 19-20, 2025, 6p. doi: https://doi.org/10.1109/REACS67479.2025.11413594

B. Thangaraju and Patel Rutul Satishkumar, "Predicting Droughts Smarter: How We Built an End-to-End MLOps Pipeline," 2025 IEEE International Conference on Recent Advances in Computing and Systems (REACS), Gwalior, India, December 19-20, 2025, 6p. doi: https://doi.org/10.1109/REACS67479.2025.11413418

Santosh Kumar Upadhyaya and B. Thangaraju, "Posture Management in Zero Trust Container Framework," 2025 IEEE International Conference on Recent Advances in Computing and Systems (REACS), Gwalior, India, December 19-20, 2025, 6p. doi: https://doi.org/10.1109/REACS67479.2025.11413594

Bijeet Basak, Nupur Patil, Kurian Polachan and Srinivas Vivek, "Attack on a PUF-Based Secure Binary Neural Network," 2026 39th International Conference on VLSI Design & 25th International Conference on Embedded Systems (VLSID), Pune, India, January 3-7, 2026, pp. 103-108. doi: https://doi.org/10.1109/VLSID68508.2026.00034

Aashish Kumar Tiwary, Yathin Kumar Attuluri and Nanditha Rao, "DP-VSA: DSP Packing-based Vector Systolic Accelerator with Dual Precision Support on FPGAs," 2026 39th International Conference on VLSI Design & 25th International Conference on Embedded Systems (VLSID), Pune, India, January 3-7, 2026, pp. 115-120. doi: https://doi.org/10.1109/VLSID68508.2026.00034

Adesh Ankush, Medha Boorla, Soumick Majumdar, and Kurian Polachan, "Finite Element Analysis of a Human Body Communication Channel with a Wrist-Worn Transmitter and Grounded Receiver," 2026 IEEE International Conference on Consumer Electronics (ICCE), Dubai, UAE, February 3-5, 2026, 6p. doi: https://doi.org/10.1109/ICCE67443.2026.11449670

Shubham and Meenakshi D'Souza, "Formal verification of distributed, data-intensive microservice applications using Petri Nets," 19th Innovations in Software Engineering Conference (ISEC), Jaipur, India, February 19-21, 2026, 4p. doi: https://doi.org/10.1145/3796563.3796583

Lokesh, A, Sujit G, Jagan P and Madhav Rao, "Energy-Efficient IoT-Based Waterproof Irrigation Node Using Wireless Tree-Topology," 2026 IEEE Applied Sensing Conference (APSCON), New Delhi, February 23-25, 2026, 4p.
doi: https://doi.org/10.1109/APSCON68325.2026.11498020

Ganesha and Sujit Kumar Chakrabarti, "SEU-Resilient Network Architecture: A Novel Formal-Methods Framework for Reliable 5G/6G Systems," 2026 National Conference on Communications (NCC), Hyderabad, India, February 26 - March 1, 2026, pp. 31-36. doi: https://doi.org/10.1109/NCC68160.2026.11478915

Manjunath Gonchigara Vemanna, Sharvari Ravindran, Jyotsna Bapat and Debabrata Das, "Joint Latency and Throughput Optimization Based Scheduling in Heterogeneous Multi-Access Network," 2026 National Conference on Communications (NCC), Hyderabad, India, February 26, - March 1, 2026, pp. 132-137. doi: https://doi.org/10.1109/NCC68160.2026.11479115

Amrita Mukherjee, Aakash Jaiswal, Smriti Kumar, Priyanka Das and Arzad Alam Kherani, "RIS-Assisted 5G NR PHY Performance with OpenAirInterface Codebase and USRP Hardware," 2026 National Conference on Communications (NCC), Hyderabad, India, February 26 - March 1, 2026, pp. 626-631. doi: https://doi.org/10.1109/NCC68160.2026.11478971

Abu Khan, Areen Patil, Nipun Verma, Prakrititz Borah and Sakshi Arora , “Stress Detection from Consumer-Grade ECG Device Using GA Optimization and Segment-Wise Analysis,” 19th International Joint Conference on Biomedical Engineering Systems and Technologies (BIOSTEC), Marbella, Spain, March 2-4, 2026, pp. 160-171. doi: https://doi.org/10.5220/0014487500004070

Aryaman Pathak, Shweta Sunil, Madhav Rao and Manoj Sharma, “Predicting Internet Addiction in Young Indian Adults: A Classification Approach Using Depression, Anxiety, and Stress Levels,” 19th International Joint Conference on Biomedical Engineering Systems and Technologies (BIOSTEC), Marbella, Spain, March 2-4, 2026, pp. 623-630. doi: https://doi.org/10.5220/0014438400004070

Deeksha Aggarwal, Yash Mittal and Uttam Kumar, “Bridging the Domain Gap in Agricultural Vision: Parameter-Efficient VLM Adaptation via Expert Descriptions,” The IEEE/CVF Winter Conference on Applications of Computer Vision 2026, Arizona, USA, March 6-10, 2026, pp. 830-839. doi: https://doi.org/10.1109/WACVW68408.2026.00092

Sai Shruti Prakhya and Uttam Kumar, “FLASH-SAR: Fast Learning Self-supervised Hierarchical Architecture for SAR,” The IEEE/CVF Winter Conference on Applications of Computer Vision 2026, Arizona, USA, March 6-10, 2026, pp. 1382-1392. doi: https://doi.org/10.1109/WACVW68408.2026.00150

R. Shreyas and Subir Kumar Roy, “Single Event Upset Characterization in the Control Path of RISC-V Processor Core,” 2026 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI), Gwalior; India, March 12-14, 2026, 6p. doi: https://doi.org/10.1109/IATMSI68868.2026.11465620

Chinmay Parekh, Guillaume Raschia and Vinu Ellampallil Venugopal, “Low-latency Distributed Stream Processing using Asynchronous Progress Tracking,” 41st ACM/SIGAPP Symposium on Applied Computing (SAC’26), Thessaloniki Greece, March 23 - 27, 2026, pp. 569-576. doi: https://doi.org/10.1145/3748522.3779839

Aayushee Gupta, “From Sentences to Proof Trees: Leveraging Language Models for Structured Reasoning,” 19th Conference of the European Chapter of the Association for Computational Linguistics (EACL), Rabat, Morocco, March 24–29, 2026, pp. 967-981. doi: https://doi.org/10.18653/v1/2026.eacl-srw.71

Irfan Alam, Jalaluddin Khan, Aizan Zafar, Javed Khan Sheikh, Mohamed Yasin Noor Mohamed and Sameer Choudhary, “AI-Based Detection of Telemarketing Call Intent and Fraud Using Short-Duration Audio Analysis,” 2026 Second International Conference on Emerging Computational Intelligence (ICECI), Aligarh, India, April 5-6, 2026, 6p. doi: https://doi.org/10.1109/ICECI69159.2026.11519455

Soham Pawar, Siddharth Ayathu and Naganand Y, “Qiamese: Quantum-Hybrid Siamese Network for Predicting Drug-Protein Interaction,” International Conference on Quantum Communications, Networking, and Computing (QCNC), Kobe, Japan, April 6-8, 2026, pp. 1077-1082. doi: https://doi.org/10.1109/QCNC69040.2026.00165

Priya, T V and Shrisha Rao, “Scalable Counterfactual Explanations for Large-Scale Automated Decision Systems,” 2026 IEEE International Systems Conference (SysCon), Halifax, Canada, April 6-9, 2026, 8p. doi: https://doi.org/10.1109/SysCon66367.2026.11503601

Keerthana B, Bhavana S and Madhav Rao, "R-BMM: A Reconfigurable Barrett Modular Multiplier Architecture for High-Performance Cryptographic Systems," 2026 27th International Symposium on Quality Electronic Design (ISQED), San Francisco, USA, April 8-10, 2026, 7p. doi: https://doi.org/10.1109/ISQED69900.2026.11534683

Chandan Kumar N S, Yerasi Manoj Reddy and Madhav Rao, "BM-HPR Mul: Error Tolerant Hardware Efficient Booth Modified High Precision Redundant Multiplier," 2026 27th International Symposium on Quality Electronic Design (ISQED), San Francisco, USA, April 8-10, 2026, 8p. doi: https://doi.org/10.1109/ISQED69900.2026.11534691

S Bhavana, B Keerthana and Madhav Rao, "OK-BMM: A Power-Performance-Efficient Overlap-Free Karatsuba Based Barrett Modular Multiplier for Secure Embedded Systems," 2026 27th International Symposium on Quality Electronic Design (ISQED), San Francisco, USA, April 8-10, 2026, 8p. doi: https://doi.org/10.1109/ISQED69900.2026.11534687

Sneha Dandekar, S Bhavana and Madhav Rao, "Mixed-Precision Booth Factored Systolic Array Design for Accelerating Neural Networks," 2026 27th International Symposium on Quality Electronic Design (ISQED), San Francisco, USA, April 8-10, 2026, 7p. doi: https://doi.org/10.1109/ISQED69900.2026.11534767

Tadikonda Venkata Sai Chaitanya, D V Bhargav and Madhav Rao, "Sparsity Aware Pre-processing for Systolic Array Dataflow Acceleration," 2026 27th International Symposium on Quality Electronic Design (ISQED), San Francisco, USA, April 8-10, 2026, 8p. doi: https://doi.org/10.1109/ISQED69900.2026.11534747

Bindu G Gowda and Madhav Rao, "Hardware-Efficient and Precision-Aware FP16 Approximate Multipliers: A Probabilistic Approach," 2026 27th International Symposium on Quality Electronic Design (ISQED), San Francisco, USA, April 8-10, 2026, 8p. doi: https://doi.org/10.1109/ISQED69900.2026.11534758

Priyanka Agarwal, M Arun, Kumar N S Chandan, Shrinidhi S Rao and Madhav Rao, "Hardware Software Co-Optimization for RISC-V Based High-Performance Hyperdimensional Computing Architectures," 2026 27th International Symposium on Quality Electronic Design (ISQED), San Francisco, USA, April 8-10, 2026, 7p. doi: https://doi.org/10.1109/ISQED69900.2026.11534768

Niranjan Gopal, A Nishith and Madhav Rao, "VAE-Enabled Design Space Exploration for Heterogeneous Approximate Matrix Multiplication Accelerators," 2026 27th International Symposium on Quality Electronic Design (ISQED), San Francisco, USA, April 8-10, 2026, 8p. doi: https://doi.org/10.1109/ISQED69900.2026.11534725

D V Bhargav and Madhav Rao, "RACFlow: An Evolutionary Framework for Compact Reconfigurable Approximate Circuits," 2026 27th International Symposium on Quality Electronic Design (ISQED), San Francisco, USA, April 8-10, 2026, 8p. doi: https://doi.org/10.1109/ISQED69900.2026.11534730

Dantu Nandini Devi and Madhav Rao, "Bit-Flexible Systolic Architecture: Optimizing Processing Elements with Application-Specific Floating-Point Truncation," 2026 27th International Symposium on Quality Electronic Design (ISQED), San Francisco, USA, April 8-10, 2026, p. doi: https://doi.org/10.1109/ISQED69900.2026.11534653

Niranjan Gopal, Gaurav Nayak, Harshvardhan Mishra and Madhav Rao, "POSEIDON: A Posit-Optimized Out-of-Order Processor with Transformer Acceleration for Edge Devices," 2026 27th International Symposium on Quality Electronic Design (ISQED), San Francisco, USA, April 8-10, 2026, 8p. doi: https://doi.org/10.1109/ISQED69900.2026.11534658

Omkar Vijay Gavandi and Sakshi Arora, "5.05-nA-Iq 1-mA-ILOAD Self-Biased Cascoded (SBC) LDO for NB-IoT Applications," 2026 IEEE 19th Dallas Circuits and Systems Conference (DCAS), Dallas, USA, April 10-12, 2026, 4p. doi: https://doi.org/10.1109/DCAS69364.2026.11544673

Nitheesh Kumar Muppalla Prasanna N and Sakshi Arora, "A PSRR Peak-Suppressed Cascaded LDO Achieving −140 dB PSRR with 10-µA Quiescent Current for Biomedical Sensing Applications," 2026 IEEE 19th Dallas Circuits and Systems Conference (DCAS), Dallas, USA, April 10-12, 2026, 4p. doi: https://doi.org/10.1109/DCAS69364.2026.11544820

Bindu G Gowda, Pradyumna G and Madhav Rao, "VaST-Conv: Variable-Strided Tiled Convolution Framework for Resource-Efficient CNN Acceleration," 2026 IEEE 19th Dallas Circuits and Systems Conference (DCAS), Dallas, USA, April 10-12, 2026, 4p. doi: https://doi.org/10.1109/DCAS69364.2026.11544778

Malay Chakraborty, B Pratham Jain, Rucha Wete, Ekant Sharma, Prem Singh and Hien Quoc Ngo, "A Novel On-Policy Deep Actor–Critic Framework for NOMA-Enabled RIS-Aided Cell-Free mMIMO," 2026 IEEE Wireless Communications and Networking Conference (WCNC), Kuala Lumpur, Malaysia, April 13-16, 2026, 6p. doi: https://doi.org/10.1109/WCNC65185.2026.11555669

B. Lohini Priyanka, Priyanka Das and Amrita Mishra, "Performance Analysis of RIS-Assisted ISAC-NOMA Uplink System Under Imperfect SIC," 2026 IEEE Wireless Communications and Networking Conference (WCNC), Kuala Lumpur, Malaysia, April 13-16, 2026, pp. doi: https://doi.org/10.1109/WCNC65185.2026.11555227

Varad Bharadiya, Krutik Patel, Shannon Muthanna, Margasahayam Venkatesh Chirag and Madhav Rao, "GNN-Augmented MaskPlace: Fast Convergence in Macro Placement through Metaheuristic-Synthesized Datasets," 2026 International VLSI Symposium on Technology, Systems and Applications (VLSI TSA), Hsinchu, Taiwan, April 13-17, 2026, 4p. doi: https://doi.org/10.1109/VLSITSA69131.2026.11527590

Nishith Akula, Sujit Ghantasala and Madhav Rao, "Fixed-Point FPGA Accelerator for Reveal-Network Inference in Deep Image Steganography," 2026 International VLSI Symposium on Technology, Systems and Applications (VLSI TSA), HsinChu, Taiwan, April 13-17, 2026, 4p. doi: https://doi.org/10.1109/VLSITSA69131.2026.11527651

Vibushita S, Mohit Jagini, Nanda Mitra Pammi and Madhav Rao, "PixSA: Hardware Efficient Pixel-Level Systolic-Array Architecture Design for AI Workloads," 2026 International VLSI Symposium on Technology, Systems and Applications (VLSI TSA), HsinChu, Taiwan, April 13-17, 2026, pp. doi: https://doi.org/10.1109/VLSITSA69131.2026.11527777

Komaragiri Sai Vishwanath Rohit, Lohitaksh Maruvada and Madhav Rao, "SoftApprox: A Hardware-Efficient SoftMax Approximation for FPGA-Based Transformer Inference," 2026 International VLSI Symposium on Technology, Systems and Applications (VLSI TSA), HsinChu, Taiwan, April 13-17, 2026, pp. doi: https://doi.org/10.1109/VLSITSA69131.2026.11527850

Ivan Bhargava, Nikunj Mahajan, Kanav Bhardwaj, and B. Thangaraju, "Predictive Autoscaling of ML Workloads using Prophet and LSTM," The 1st International Conference on Recent Advances in Computer Engineering (ICRACE 2026), Pune, India, April 15-16, 2026, pp. 313-320.

Divya Pathak, Felix George, Harshit Kumar, Anuska Roy, Kaustabha Ray, Mudit Verma and Pratibha Moogi, "Detecting Silent Failures in Multi-Agentic AI Trajectories," Companion of the 17th ACM/SPEC International Conference on Performance Engineering (ICPE Companion '26), Florence Italy May 4 - 8, 2026, pp. 33-39. doi: https://doi.org/10.1145/3777911.3801104

Keshav Goyal, Anshul V Patil and Rituparna Choudhary, "PiBWK-MAC: A Turbo-Pipelined Booth–Wallace–Kogge Architecture for 16-Bit MAC Computation," 9th International Conference on Circuits, Systems and Simulation (ICCSS), Bangkok, Thailand, May 8-10, 2026, pp. 69-74. doi: https://doi.org/10.1109/ICCSS69952.2026.11593219

Arun M and Madhav Rao, "Efficient Split-Posit DSP Slice Architecture for Embedded FPGA Fabrics," 2026 IEEE 34th Annual International Symposium on Field-Programmable Custom Computing Machines (FCCM), Atlanta, USA, May 13-16, 2026, 4p. doi: https://doi.org/10.1109/FCCM68464.2026.00072

Nishith Akula, Sujit Ghantasal, Komaragiri Sai Vishwanath Rohit, Rahul Mukundhan and Madhav Rao, "Triple-Packed Posit MAC: Low-Bitwidth Inference via Tri-Product DSP48E2 Overpacking for CNNs," 2026 IEEE International Symposium on Circuits and Systems (ISCAS), Shanghai, China, May 24-28, 2026, pp. 1724-1728. doi: https://doi.org/10.1109/ISCAS66217.2026.11562313

Shruti Singh, Aravind Voggu and Madhav Rao, "Composit: A Dual-Precision Posit MAC and a Composite Quantisation Scheme for Accelerated Mixed-Precision Neural Network Inference," 2026 IEEE International Symposium on Circuits and Systems (ISCAS), Shanghai, China, May 24-28, 2026, pp. 1904-1908. doi: https://doi.org/10.1109/ISCAS66217.2026.11562358

Priyanka Agarwal, Sharan Math, Yash Prasad and Madhav Rao, "EvoGabor: Hierarchical Clustering and Evolutionary Algorithms for Area-Power Efficient Gabor Design," 2026 IEEE International Symposium on Circuits and Systems (ISCAS), Shanghai, China, May 24-28, 2026, pp. 4626-4630. doi: https://doi.org/10.1109/ISCAS66217.2026.11562380

Arun M, Vaishnavi Sharma and Madhav Rao, "Hardware-Efficient POSIT Based SVM Inference Engine for Intelligent Biomedical Systems," 2026 IEEE International Symposium on Circuits and Systems (ISCAS), Shanghai, China, May 24-28, 2026, pp. 4739-4743. doi: https://doi.org/10.1109/ISCAS66217.2026.11562922

Sachin Mishra, "Reliability-Aware Structured Synthetic Data Generation via Schema Enforcement and Layered Repair," Workshop on Synthetic Data Generation and Management for Building AI Systems (SynthAI '26), Bengaluru, India, May 31 - June 5, 2026, 6p. doi: https://doi.org/10.1145/3814574.3816747

Keerthana B, Utkarsh Goyal, Prashant Garimella and Madhav Rao, "M-OKA: An Efficient Overlap free- Karatsuba Based Montgomery Multiplier for Cryptographic Hardware," Great Lakes Symposium on VLSI (GLSVLSI '26), Canandaigua, NY, USA June 22 - 24, 2026, pp. 332-227. doi: https://doi.org/10.1145/3787109.3815301

Arun, M, Mihir S Kagalkar and Madhav Rao, "PoSVM: Posit-Based Accelerator for SVM-driven Edge Biomedical Image Classification," Great Lakes Symposium on VLSI (GLSVLSI '26), Canandaigua, NY, USA June 22 - 24, 2026, pp. 380-385. doi: https://doi.org/10.1145/3787109.3815269

Arun, M and Madhav Rao, "Split-Posit MAC Architectures for Efficient Neural Network Processing," Great Lakes Symposium on VLSI (GLSVLSI '26), Canandaigua, NY, USA June 22 - 24, 2026, pp. 405-410. doi: https://doi.org/10.1145/3787109.3815261

Priyanka Agarwal, Vaishnavi Sharma and Madhav Rao, "A Resource-Efficient FPGA Accelerator for SeedHit Pre-Alignment Filter," Great Lakes Symposium on VLSI (GLSVLSI '26), Canandaigua, NY, USA June 22 - 24, 2026, pp. 434-439. doi: https://doi.org/10.1145/3787109.3815302

Arun, M and Madhav Rao, "Resource-Efficient DSP Slice for Embedded FPGAs Using Split-Posit Arithmetic," Great Lakes Symposium on VLSI (GLSVLSI '26), Canandaigua, NY, USA June 22 - 24, 2026, pp. 872-875. doi: https://doi.org/10.1145/3787109.3815299

Siddhant Deore, Hrushikesh Sawant and Madhav Rao, "Camera-Less In-Seat Posture Classification & Template Based Pose Reconstruction Using Pressure Sensor Fusion," 2026 IEEE Intelligent Vehicles Symposium Workshops (IV Workshops), Detroit, USA, June 22-25, 2026, pp. 2212-2217. doi: https://doi.org/10.1109/IVWorkshops71735.2026.11624084

Pooja S. B. Rao, Laxmi Narayen Nagarajan Venkatesan, Dinesh Babu Jayagopi and Mauro Cherubini, ""Robotic answers": Participatory Identification of Risks in AI-Assisted Interview Training by Job Seekers," ACM Conference on Fairness, Accountability, and Transparency (FAccT '26), Montreal, Canada, June 25 - 28, 2026, pp. 8202 - 8222. doi: https://doi.org/10.1145/3805689.3812234

Mahima and Meenakshi D'Souza, "A Metric-Driven Framework for Estimating Software Carbon Intensity of Cloud-Hosted Applications," 2026 21st Annual System of Systems Engineering Conference (SoSE), Kongsberg, Norway, June 28 - July 1, 2026, 6p. doi: https://doi.org/10.1109/SoSE69681.2026.11622348

Deepansh Pandey, Gaurav Verma, Eshwar Chawda, Yogita Karke and Jyotsna Bapat, "Breach-Tolerant Kubernetes Intrusion Detection System Using Trusted External Resource Telemetry," 2026 IEEE 12th International Conference on Network Softwarization (NetSoft), Berlin, Germany, June 29 - July 3, 2026, pp. 249-254. doi: https://doi.org/10.1109/NetSoft70012.2026.11603513

Durjoy Paul, Arshitha Basavaraj, Callum Chan, Veronica Perez-Rosas, Diana Inkpen, Francisco Pereira, Juan Antonio Lossio-Ventura, "TONI-NLP at PsyDefDetect: Defense Mechanism Detection via LLM-based Ensemble Methods," 24th Workshop on Biomedical Language Processing, BioNLP 2026 (Shared Tasks), San Diego, USA, July 3-4, 2026, pp. 132–140. doi: https://doi.org/10.18653/v1/2026.bionlp-2

Ashish Choudhury and Madhav Natarajan H, "Brief Announcement: Cryptographically Secure Domain Extension for Byzantine Agreement with Improved Round Complexity," ACM Symposium on Principles of Distributed Computing (PODC '26) , Egham, United Kingdom July 6 - 10, 2026, pp. 293 - 296. doi: https://doi.org/10.1145/3796701.3815921

Nagarajan S, Chandra Shekhar Jha, Satya Prakash Chandra and Kurian Polachan, "ECG-Sense: Demonstration of a Wearable ECG Patch with an

On-Device TinyML Engine for Real-Time Arrhythmia Detection," 2026 International Conference on Smart Applications, Communications and Networking (SmartNets), Rome, Italy, July 7-9, 2026, 6p. doi: https://doi.org/10.1109/SmartNets69662.2026.11604743

Vikram R. Lakkavalli and Neelam Sinha, "Architectural Control of Phonetic Invariance via Additive U-Net Multi-Task Learning," 2026 International Conference on Signal Processing and Communications (SPCOM), Bangalore, India, July 16-18, 2026, 5p. doi: https://doi.org/10.1109/SPCOM71105.2026.11622998

R. N. Laveti, J. Sreevalsan-Nair, and T. K. Srikanth, "EAMF: An Entropy-enhanced Attention-based Ensemble Metric Few-Shot Learning for MRI Image Classification," in Proceedings of the 2025 47th Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC), IEEE, 2025, pp. 1–7. https://doi.org/10.1109/EMBC58623.2025.11251527.

B. Gnanaraj, S. Manivasagam, and J. Sreevalsan-Nair, "To the Point: From Dynamic Heatmap Video to Gaze Points," in Proceedings of the 2025 Symposium on Eye Tracking Research and Applications, ser. ETRA '25, New York, NY, USA: ACM, 2025. https://doi.org/10.1145/3715669.3725873.

J. Sreevalsan-Nair, "Data-Driven Framework for Enhanced Flash Flood Preparedness and Building Urban Resilience," in Proceedings of the 2025 IEEE Bangalore Humanitarian Technology Conference (B-HTC), IEEE, 2025, pp. 1–6. https://doi.org/10.1109/B-HTC64616.2025.11116113.

G. Jindal, J. Sharma, B. Gnanaraj, and J. Sreevalsan-Nair, "SeeIntent: A Real-Time Multimodal Intent Recognition System in XR Using Spatio-Temporal LLM," in Proceedings of the 2nd Workshop on Eye Tracking Techniques, Applications and Challenges (ETTAC 2026), IAPR, Springer LNCS, 2026.

A. Thomas and J. Sreevalsan-Nair, "Modality Sensitivity Analysis for Local Climate Zone Classification Using Hybrid Fusion Models," in Proceedings of the Fourth International Conference on Machine Intelligence for GeoAnalytics and Remote Sensing (MIGARS 2026) (in press) Best Presentation Award under Theme "Atmosphere and Climate", IEEE, 2026.

A. Kudupu, A. Priyadarshi, A. Mundayatt, J. Sreevalsan-Nair, A. Verma, and A. Bhattacharya, "Improved Coastline Extraction from SAR Images with Classification-Segmentation Using a CNN-U-Net Two-Stage Architecture," in Proceedings of the 2026 IEEE SPace, Aerospace and defence Conference (SPACE 2026) (in press), Preprint at https://arxiv.org/abs/2501.12384, IEEE, 2026, p. 6.

K. N, A. Kulkarni, and J. Sreevalsan-Nair, "HybriDTVis: 3D Building-Road Reconstruction and Visualization of Hybrid Primitives of City-scale LiDAR Point Clouds for Digital Twins," in Proceedings of the 12th International Conference on Geographical Information Systems Theory, Applications and Management (GISTAM 2026) (in press), INSTICC, 2026, p. 25.

A. S. Khan and S. Arora, "EEG-Backed Evaluation of Minimal HRV Features for Reliable Stress Detection," ICBET, Bali, June 12–15, 2026.

Sanjana T., T. Bhagat, D. Mahawar, S. Arora, J. Bapat, and A. Mishra, "Genetic algorithm-based emulator for mmWave IRS unit cell circuit design," submitted to IEEE International Conference on Communications (ICC), July 4, 2026.

Das, J., Ladwani, Vandana M., Ramasubramanian, V.: "Clustering by Limit-Cycles in Hopfield Neural Network". In: Artificial Intelligence Applications and Innovations (AIAI) 2025, IFIP AICT, vol.757, pp. 43-56, Springer, Limassol, Cyprus (2025)

JOURNALS & MAGAZINE ARTICLES

Neeta Jha, Amrita Mishra, Jyotsna Bapat and Debabrata Das, "Enhancing spectral efficiency in sub-connected hybrid beamforming systems via beam pattern design," Physical Communication, vol. 71, August 2025, Article no. 102700. doi: https://doi.org/10.1016/j.phycom.2025.102700

Liyun Gong, Pandey Shourya Prasad, Chan Chi Leung et.al., "Innovative Spatial-Temporal Attention Network (STAN) for Skeleton-Based Timed-Up-and-Go Analysis to Stratify Lower Back Pain Severity with Monocular RGB Camera," IEEE Access, vol. 13, pp. 149296 - 14930, August 2025. doi: https://doi.org/10.1109/ACCESS.2025.3602153

Ravikesh Tripathi, Pramita Sengupta, Abhishek Karishiddimath, Khushboo Khatri, Pratiksha Sharma, Hari Sriram, Srikanth TK and Seema Mehrotra, "Engagement with digital platforms and perspectives on WhatsApp based mental health self-help solution for older adults: a qualitative study from India," Discover Mental Health, vol. 5, August 2025, Article No. 131. doi: https://doi.org/10.1007/s44192-025-00277-4

Parakram Singh Tanwer, Shishir Maheshwari, Sushree Behera, Amit Chauhan and T. Sunil Kumar, "Evaluation of vision transformers for the detection of fullness of garbage bins for efficient waste management," Frontiers in Artificial Intelligence: Machine Learning and Artificial Intelligence, vol. 8, September 2025. doi: https://doi.org/10.3389/frai.2025.1612080

Pradeesha Ashok, Sayani Das, Lawqueen Kanesh, Saket Saurabh, Avi Tomar, Shaily Verma, "Burn and win," Theoretical Computer Science, vol. 1049, September 2025, Article No. 115357. doi: https://doi.org/10.1016/j.tcs.2025.115357

Shraddha M. Naik, Tanujit Chakraborty, Madhurima Panja, Abdenour Hadid and Bibhas Chakraborty, "Skew-probabilistic neural networks for learning from imbalanced data," Pattern Recognition, vol. 165, September 2025, Article no. 111677. doi: https://doi.org/10.1016/j.patcog.2025.111677

Seema Mehrotra, Ravikesh Tripathi, Pramita Sengupta, Abhishek Karishiddimath, Angelina Francis, Pratiksha Sharma, Paulomi Sudhir, TK Srikanth, Girish Rao and Rajesh Sagar, "Evaluating Characteristics and Quality of Mental Health Apps Available in App Stores for Indian Users: Systematic App Search and Review," JMIR Mhealth Uhealth, vol. 13, September 2025, Article No. e79238. doi: https://doi.org/10.2196/79238

Harsha Rudramuniyappa, Prem Singh and Jyotsna Bapat, "RSRQ-Based Efficient Decomposition of Cell-Free Massive MIMO Networks," IEEE Communication Letters, vol. 30, pp. 26-30, September 2025. doi: https://doi.org/10.1109/LCOMM.2025.3628402

Debanjali Bhattacharya and Neelam Sinha, "Towards understanding the functional connectivity patterns in visual brain network," Medical & Biological Engineering & Computing, vol. 63, no. 10, pp. 3139-3152, October 2025. doi: https://doi.org/10.1007/s11517-025-03389-9

Prathyusha Appala and Priyanka Das, "Optimal Relay and Antenna Selection in MIMO Spectrum Sharing Relay Networks Under Different CSI and Interference Constraints," IEEE Open Journal of

the Communications Society, vol.6, pp. 8965 - 9007, October 2025. doi: https://doi.org/10.1109/OJCOMS.2025.3623297

Sasirekha Gurla Venkata Kameswari, Arun Basavaraju, Chandrashekhar Siva Kumar and Jyotsna Bapat, "Compost Monitoring System for Kitchen Waste Management: Development, Deployment and Analysis," IoT, vol. 6, no. 4, October 2025, Article No. 64. doi: https://doi.org/10.3390/iot6040064

Shrisha Rao, "The Engine revisited: Swift's prescient satire and the Emperor's new algorithm," Current Science, vol. 129, no. 8, pp. 680-681, October 25, 2025. doi: https://www.currentscience.ac.in/Volumes/129/08/0680.pdf

---

Debanjali Bhattacharya, Neelam Sinha, R. Yashwanth and Amit Chattopadhyay, "Image complexity-based fMRI-BOLD visual network categorization across visual datasets using topological descriptors and deep-hybrid learning," Scientific Reports, vol. 15, October 2025, Article no. 36845. doi: https://doi.org/10.1038/s41598-025-20635-0

Holla, B., Sharma, E., Venkataramanan, S. et al., "The PAthways to Resilience And Mental health (PARAM) project: protocol for a multi-site developmental cohort in India," BMC Psychiatry, vol. 25, November 2025, Article number 1051. doi: https://doi.org/10.1186/s12888-025-07492-x

---

Seema Mehrotra, TK Srikanth, Neha Dahiya, Pulkit Verma, Girish N Rao, Prachi Sanghvi, Ashoo Grover and Rajesh Sagar, "Technology for Mental Health: Reflections on Scope and Future Directions in Institutes of Higher Education in India," Online Journal of Public Health Information, vol. 17, November 2025, Article No. e78065. doi: https://doi.org/10.2196/78065

Mandar Vijay Kulkarni, Balaji Parthasarathy and Monica Plechero, "Spatiality of innovativeness (un)rooted in knowledge transfer mechanisms: Bangalore's new media activities," Review of Regional Research, Vol. 46, pp. 163-188, November 2026. doi: https://doi.org/10.1007/s10037-025-00264-w

---

Shweta Verma, Venkat Suprabath Bitra and B. Tirumala Rao, "Machine learning driven trace detection of pesticide mixtures using citrate optimized Au nanoparticles based in-expensive efficient micro-drop SERS with portable spectrometer," Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Volume 340, 5 November 2025, 126333. doi: https://doi.org/10.1016/j.saa.2025.126333

Tirthankar Banerjee and V. Ramasubramanian, "Accent-robust speech recognition for English in low-resource settings using Manifold Mixup," EURASIP Journal on Audio, Speech, and Music Processing, vol. 25, November 2025, Article No. 41. doi: https://doi.org/10.1186/s13636-025-00435-0

N.P. Sharvari, Dibakar Das, Jyotsna Bapat and Debabrata Das, "Coordinated Q-learning based Multi-hop Routing for UAV-assisted communication," Pervasive and Mobile Computing, vol. 114, November 2025, Article No. 102105. doi: https://doi.org/10.1016/j.pmcj.2025.102105

Venkat Suprabath Bitra, Reddy Rani Vangimalla and Jaya Sreevalsan-Nair, "Network-based Diseasome Construction from Multi-omics Data and RadTrix Visualization," IEEE Transactions on Computational Biology and Bioinformatics, Vol. 22, no. 6, pp. 3550 - 3556, Nov-Dec. 2025. doi: https://doi.org/10.1109/TCBBIO.2025.3599771

V. Sridhar, Amrita Mishra and Asheef Iqubbal, “Social and Ethical Challenges in Future 6G Networks,” IEEE Technology and Society Magazine, vol. 44, no.4, pp. 93-100, December 2025. doi: https://doi.org/10.1109/MTS.2025.3628085

V. Sridhar, Amrita Mishra and Asheef Iqubbal, “Analysis of Techno-Social and Regulatory Challenges in Future 6G Networks and Services,” IEEE Transactions on Technology and Society, vol. 6, no. 4, pp. 374-376, December 2025. doi: https://doi.org/10.1109/TTS.2025.3621860

Sanghasri Mukhopadhyay, Asim Mukhopadhyay and Bhabani Shankar Dandapat, “Stability of Thermosolutal Convection in Deep Fluids,” Surface Review and Letters, Online December 2025. doi: https://doi.org/10.1142/S0218625X26500150

Venkat Suprabath Bitra, Shweta Verma and B. Tirumala Rao, “HiT-IP Raman: An innovative high-throughput spectra acquisition system with interactive PCA combined machine learning for instant classification of various analytes and mixtures,” Microchemical Journal, vol. 219, December 2025, Article No. 116054. doi: https://doi.org/10.1016/j.microc.2025.116054

Venkat Suprabath Bitra, Shweta Verma and B. Tirumala Rao, “HiT-IP Raman: An innovative high-throughput spectra acquisition system with interactive PCA combined machine learning for instant classification of various analytes and mixtures,” Microchemical Journal, vol. 219, December 2025, Article No. 116054. doi: https://doi.org/10.1016/j.microc.2025.116054

Praseeda, Srinath Srinivasa and Prasad Ram, “Learning Map: Representing and Reasoning over Diverse Assimilation Patterns of Learners,” Next Research, vol. 2, no. 4, December 2025, Article No. 100804. doi: https://doi.org/10.1016/j.nexres.2025.100804

Rosemary Francisco, Sharon Geeling, Grant Oosterwyk, Carolyn Tauro and Gerard De Leoz, “A Metaverse-Based Proof of Concept for Innovation in Distributed Teams,” MIS Quarterly Executive, vol. 24, no. 4, December 2025, Article no. 5. doi: https://aisel.aisnet.org/misqe/vol24/iss4/5

Sandeep Agrawal and V. Sridhar, “Modelling and Analysis of Regulatory Interventions for Sustainable Public Wi-Fi Programs: The Case of India,” Journal of Telecommunications and the Digital Economy, vol. 13, no. 4, pp. 82-104. December 2025. doi: https://doi.org/10.18080/jtde.v13n4.1287

Aswin Kannan, Timo Kreimeier and Andrea Walther, “On solving nonsmooth retail portfolio maximization problems using active signature methods,” Computational Management Science, vol. 23, 2026, Article no. 1. doi: https://doi.org/10.1007/s10287-025-00544-3

Harsha Rudramuniyappa, Prem Singh and Jyotsna Bapat, “RSRQ-Based Efficient Decomposition of Cell-Free Massive MIMO Networks,” IEEE Communications Letters, vol. 30, pp. 26-30, 2026. doi: https://doi.org/10.1109/LCOMM.2025.3628402

Srikar Emany, Narayanan P. P., A. S. Anil Kumar and Sreenath Vijayakumar, “A Robust Planar-Coil Variable Reluctance-Based Angle Sensor System With PWM Output,” IEEE Transactions on Industrial Electronics, vol. 73, no. 6, pp. 9472 - 9481, June 2026. doi: https://doi.org/10.1109/TIE.2025.3634421

Praseeda and Srinath Srinivasa, “Conflicting competencies and their individual variability,” Social Sciences & Humanities Open, vol. 13, June 2026, Article no. 102326. doi: https://doi.org/10.1016/j.ssaho.2025.102326

Riddhika Mahalanabis and Balakrishnan Ashok, “Effect of conduit friction and presence of charged species on rise of xylem sap,” The European Physical Journal E, vol. 49, January 2026, Article No. 6. doi: https://doi.org/10.1140/epje/s10189-025-00543-x

---

Malay Chakraborty, Ekant Sharma, Prem Singh and Hien Quoc Ngo, “Policy-Aware Deep Reinforcement Learning for NOMA-Enabled RIS-Aided Cell-Free Systems,” IEEE Transactions on Communications, vol. 74, pp. 5590 - 5604, February 2026. doi: https://doi.org/10.1109/TCOMM.2026.3662279

Siddharth Kothari, M Srinivasan, Sankalp Kothari, Ujjwal Verma and Jaya Sreevalsan-Nair, “Adversarial Robustness of Deep Learning Models for Inland Water Body Segmentation from SAR Images,” IEEE Access, vol. 14, pp. 22882 - 22905, February 2026. doi: https://doi.org/10.1109/ACCESS.2026.3662436

Nidhish Bhimrajka, Ashish Choudhury and Supreeth Varadarajan, “Network-Agnostic Verifiable Secret Sharing With Cryptographic Security,” IEEE Transactions on Information Theory, vol. 72, no. 2, pp. 1332 - 1363, February 2026. doi: https://doi.org/10.1109/TIT.2025.3642814

Brij Bidhin Desai, Yukta Arvind Rajapur, Aswathi Mundayatt and Jaya Sreevalsan-Nair, “CityAQVis: integrated ML-visualization sandbox tool for pollutant estimation in urban regions using multi-source data (software article),” Earth Science Informatics, vol. 19, March 2026, Article No. 36. doi: https://doi.org/10.1007/s12145-026-02096-9

Jagan P and Madhav Rao, “Surface EMG-Validated Multi-DoF Wheelchair-Based Rehabilitation Device,” Bioengineering 2026, vol. 13, no. 3, March 2026, Article no. 350. doi: https://doi.org/10.3390/bioengineering13030350

Maryam Bandukda, Mary Caroline Yuk, Giulia Barbareschi, Laxmi Gunupudi, Vinicius Ramos, Amit Prakash, Satish Mishra, Victoria Austin, and Catherine Holloway, “Bridging the Digital Divide: Enhancing Digital Inclusion of Blind or Partially Sighted and Deaf or Hard of Hearing Individuals in Low- and Middle-Income Countries through Smartphones as Assistive Technology,” ACM Transactions on Accessible Computing, Volume 19, Issue 1, vol. 19, no. 1, 28p., March 2026. doi: https://doi.org/10.1145/3783991

Ravikesh Tripathi,Abhishek Karishiddimath,Pramita Sengupta,Khushboo Khatri,Lakshmisree KV,Jomy T. Jose,Athulya Elsa Idicula,TK Srikanth and Seema Mehrotra, “What Youth Write About and Seek in an Anonymized Online Peer Support Forum: Insights from India,” International Journal of Environmental Research and Public Health, vol. 23, no. 3, March 2026, Article 389. doi: https://doi.org/10.3390/ijerph23030389

Pooja Bassin, Arpitha Malavalli, Srinath Srinivasa and Muikund Raj, “Towards an Intervention Science for Sustainable Development,” ACM Journal on Computing and Sustainable Societies, vol. 4, no. 1, pp. 1-135, March 2026, Article No. 4. doi: https://doi.org/10.1145/3776741

P. D. Madan Kumar, K. Ranganathan, C. Lavanya, S. Rajeshwari, Anwesh Nayak, Ramesh Kestur, Raghuram Bharadwaj Diddigi & Sushree S. Behera, “A Smartphone-based Comprehensive Dataset of Annotated Oral Cavity Images for Enhanced Oral Disease Diagnosis,” Scientific Data, vol. 13, March 2026, Article no. 676. doi: https://doi.org/10.1038/s41597-026-06954-5

N. Krishnakumar, Jaya Sreevalsan-Nair and Prashant Goswami, "Road and Building Reconstruction from 3D LiDAR Point Clouds: A Scoping Review," Archives of Computational Methods in Engineering, Online April 2026. doi: https://doi.org/10.1007/s11831-026-10580-0

Dhanya Eledath, Angshuman Das and V. Ramasubramanian, "Few-Shot Learning Model with Small Scale Pre-training for Cross-lingual E2E ASR," IEEE Transactions on Audio Speech and Language Processing, vol. 24, pp. 2368 - 2384, April 2026. doi: https://doi.org/10.1109/TASLPRO.2026.3684414

Hemant Gupta, Hemang Seth, Sunny Kaushik, Rohit Mogli, Riddhika Mahalanabis and Balakrishnan Ashok, "Predicting glass transition temperature using molecular structure factors: Organic molecular compounds & polymers," Journal of Computational Science, vol. 96, May 2026, Article no. 102822. doi: https://doi.org/10.1016/j.jocs.2026.102822

Amogh Johri and Balakrishnan Ashok, "Membrane-potential-dependent plasticity learning for theta-neuron network," Chaos: An Interdisciplinary Journal of Nonlinear Science, vol. 36, no. 5, May 2026, Article no. 053132. doi: https://doi.org/10.1063/5.0310258

Praneeth Susarla, Anirban Mukherjee, S. S. Krishna Chaitanya Bulusu, Pravallika Katragunta, Dinesh Babu Jayagopi, Miguel Bordallo López and Markku Juntti, "Indoor positioning with multi-domain CSI-based deep attention networks for MIMO wireless systems," npj Wireless Technology, vol. 2, May 2026, Article no. 23. doi: https://doi.org/10.1038/s44459-025-00021-y

---

Shrisha Rao and V. Sridhar, "Quality Dynamics in Regulated Oligopsony Markets With Reputation Systems," Advances in Complex Systems, vol. 29, no. 3, May 2026, Article no. 2650002. doi: https://doi.org/10.1142/S0219525926500025

Sharvari Ravindran, Jyotsna Bapat and Debabrata Das, "Enhancing User Service Quality and Experience in 6G Networks With Two-Stage Combinatorial Multi-Domain Resource Management," IEEE Transactions on Wireless Communications, vol. 25, pp. 17289 - 17305, May 2026. doi: https://doi.org/10.1109/TWC.2026.3693437

T. Sanjana, Amrita Mishra and Jyotsna Bapat, "Joint Pilot and Reflection Coefficient Design for Finite-Bit Resolution IRS-Aided mmWave MIMO Systems," IEEE Transactions on Communications, vol. 74, pp. 9575 - 9591, June 2026. doi: https://doi.org/10.1109/TCOMM.2026.3698873

Sanjay Vijaypur Prabhakar and Amit Prakash, "Local Level Resistance, Wickedness and State-Mandated ICTD Programmes: A Case of Agriculture E-Market Platform in Karnataka, India," Communication of AIS, vol. 58, 2026 (in Press). doi: https://aisel.aisnet.org/cais/vol58/iss1/108

Rajesh Kumar Mahato and Prem Singh, "Perceptron-Based Multi-Criteria Scheduler for 5G and Beyond Networks," IEEE Communications Letters, Early Access -June 2026. doi: https://doi.org/10.1109/LCOMM.2026.3695765

Samudrala Soujanya, Harsha Rudramuniyappa, Prem Singh and Ekant Sharma, "Optimized Algorithms for FPGA-Based Acceleration of 5G-NR PDSCH Transmit Chain," IEEE Transactions on Circuits and Systems I: Regular Papers, Early Access June 2026. doi: https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=8919

Pruthvi Parate, Daksh Sharma, Alwin Shaju and Madhav Rao, "Search-Space Efficient Optimization of Karatsuba Multipliers for ECDSA Hardware Accelerators," IEEE Transactions on Very Large Scale

Integration (VLSI) Systems, Early Access June 2026. doi: https://doi.org/10.1109/TVLSI.2026.3693880

Paulomi Sudhir, Abhishek Karishiddimath, Pramita Sengupta, Angelina Francis, Sravya Buddhavarapu, Jagadisha Thirthalli, Srikanth TK, Rajesh Sagar and Seema Mehrotra, "Minimally Guided App-Based Intervention for Nontreatment-Seeking Psychologically Distressed Adults: Protocol for a Randomized Controlled Trial," JMIR Research Protocols, vol. 15, pp.1-17, June 2026, article no. e85267. doi: https://www.researchprotocols.org

---

Saurabh Tiwari, Santosh Singh Rathore, Sridhar Chimalakonda, Chetan Arora, Meenakshi D'Souza and Sudakshina Dutta, "A Report on Winter School on AI-Infused Software Engineering- Research and Practice (AISE 2026)," ACM SIGSOFT Software Engineering Newsletter, vol. 51, no. 2, pp.33-38, April 2026. doi: https://doi.org/10.1145/3800646.380065

K. Divya Keerthana, Subasree Ramakrishnan, G. K. Abraham, V. P. Vandana, Namya Agrawal K. Raghavendra and Madhav Rao, "Decoding of Imagined Speech Using EEG: An Overview of Techniques, Applications, and Challenges," IEEE Access, vol. 14, pp. 102454 - 102472, June 2026. doi: https://doi.org/10.1109/ACCESS.2026.3708197

Sachit Rao, Animesh Chakravarthy and Debasish Ghose, "Object Manipulation in Three-Dimensional Space by Two Unmanned Aerial Vehicles Using Sliding Modes," Journal of Guidance, Control and Dynamics, Online, June 2026. doi: https://doi.org/10.2514/1.G009821

Amit Chattopadhyay, Yashwanth Ramamurthi and Osamu Saeki, "An algorithm for fast and correct computation of Reeb spaces for PL bivariate fields," Journal of Applied and Computational Topology, vol. 10, July 2026, Article no. 17. doi:https://doi.org/10.1007/s41468-026-00243-1

K. Sama, J. Sreevalsan-Nair, S. Choudhary, S. Nagendra, P. V. Reddy, A. Cohen, U. M. Mehta, and J. Torous, "mindLAMPVis as a Co-designed Clinician-facing Data Visualization Portal to Integrate Clinical Observations from Digital Phenotyping in Schizophrenia: User-centered Design Process and Pilot Implementation," JMIR Formative Research, vol. 9:e70073, 2025, PMID: 40493647; Preprint at https://preprints.jmir.org/preprint/70073. https://doi.org/10.2196/70073.

M. M. Khaing, A. Kannan, and S. Rao, Accurate Energy Predictions for Optimal Power Flow Problems, Oxford Clean Energy Journal, Volume 10, Issue 4, pages 46-64 (August edition), Published Online: May 2026.

P. Dvurechenskii. C. Geiersbach, M. Hintermueller, A. Kannan, and G. Zoettl, A Cournot–Nash Model for a Coupled Hydrogen and Electricity Market, Springer Journal on Energy Systems (31 pages), Accepted/Available Online: May 2026. To Appear Shortly.

Priyanka Das, Sumukha Kashyap, Rimalapudi Sarvendranath, and Amarita Mishra, "Optimal Binary Power Control and Passive Beamforming for RIS-Assisted Spectrum Sharing", early access in IEEE Transaction on Communications, 2026, doi:https://doi.org/10.1109/TCOMM.2026.3721640.

Sanju Ahuja, Johanna Gunawan, Nataliia Bielova, and Cristiana Teixeira Santos. 2026. Dark Patterns and the EU Digital Services Act: Mapping Autonomy Violations and Design Factors. In Proceedings of the 2026 CHI Conference on Human Factors in Computing Systems (CHI '26), April 13–17, 2026, Barcelona, Spain. ACM, New York, NY, USA, 30 pages. https://doi.org/10.1145/3772318.379147

AUTHORED BOOK

Rohit Prasad and V. Sridhar, “5G and Beyond: Rewiring Telecom Regulation,” , Oxford: Oxford University Press, 2025. doi: https://global.oup.com/academic/product/5g-and-beyond-9780198973331?q=sridhar&lang=en

BOOK CHAPTERS

Himanshi Srivastava, Uttam Kumar and Nihal Pattanshetty, “Land Use and Land Cover Change (LULCC) Detection in Bangalore, India Using Multi-Temporal Synthetic Aperture Radar through a Novel Spatial Attention Enhanced-Dual Path-Siamese Neural Network,” Remote Sensing of Land Cover and Land Use Changes in South and Southeast Asia, vol. 1: Mapping and Monitoring edited by Krishna Prasad Vadrevu, Christopher Justice and Garik Gutman, CRC Press, July 2025, Chapter 3, pp. 71-94. doi: https://doi.org/10.1201/9781003396253

Jaya Sreevalsan-Nair, Aswathi Mundayatt, Beryl Gnanaraj, Ancymol Thomas, Naveen C. Kumar, Gajanan Ganapati Sabhahit, Sourabh Joshi and T.K. Srikanth, “Mental healthcare in the times of climate change action and data science,” Data-Driven Insights and Analytics for Measurable Sustainable Development Goals edited by Tilottama Goswami, Sonal Mobar Roy and Sabrina Senatore, Morgan Kaufmann, August 2025, Chapter 4, pp. 59-81. doi: https://doi.org/10.1016/B978-0-443-33044-5.00010-3

Prakhar Mishra, Chaitali Diwan, Srinath Srinivasa, and G. Srinivasaraghavan, “Automatic Title Generation for Learning Resources and Pathways with Pre-trained Transformer Models,” Semantic Computing and AI: Transforming Knowledge into Intelligence edited by Florian Schimanke, Mustafa Sert and Chung-Hsien (Bryan) Chou, World Scientific, October 2025, Chapter 14, pp. 419–452. doi: https://doi.org/10.1142/9789819818525_0014

Anindita Dasgupta and Uttam Kumar, “Atmospheric Pollution and Land Surface Temperature Intensity in COVID-19 Pandemic: A Case of Major Indian Cities,” Geospatial Science for Urban Ecosystems: Insights from India and Beyond Edited by P.K. Joshi, Susanta Mahato and Anton Shkaruba, Springer, January 2026, Chapter 23, pp. 513-536, 2026. doi: https://doi.org/10.1007/978-3-032-07155-2_23

Yogita Pimpalkar, Sharvari Ravindran, Jyotsna Bapat and Debabrata Das, “Implications of Generative AI on IoT Security: A Dual Perspective,” Advancements in IoT Sensors and Security: Harnessing AI/ML for Secured IoT Sensor Data edited by Biswajeet Pradhan, Shilpa Gite, Subhas Mukhopadhyay, Springer, January 2026, Chapter 3, pp. 83-104, 2026. doi: https://doi.org/10.1007/978-3-032-05507-1_3

J. Sreevalsan-Nair, A. Mundayatt, B. Gnanaraj, A. Thomas, N. C. Kumar, G. G. Sabhahit, S. Joshi, and T. K. Srikanth, “Mental Healthcare in the Times of Climate Change Action and Data Science,” in Data-Driven Insights and Analytics for Measurable Sustainable Development Goals, Elsevier, 2025, pp. 59–82. https://doi.org/10.1016/B978-0-443-33044-5.00010-3

EDITED BOOKS

Santanu Chaudhury, Anand Mishra, Anoop M. Namboodiri, Dinesh Babu Jayagopi, Neelam Sinha and Rajendra Nagar Editors, "Proceedings of the 8th National Conference on Computer Vision, Pattern Recognition,Image Processing, and Graphics, NCVPRIPG 2023," Jodhpur, India, July 21-23, 2023, LNEE vol. 1218., Singapore, Springer: 2025, xiii, 174p. doi: https://doi.org/10.1007/978-981-97-5212-6

Meenakshi D´Souza, Raghavan Komondoor and B. Srivathsan, "Proceedings of the 23rd International Symposium on Automated Technology for Verification and Analysis (ATVA 2025)," Bengaluru, India, October 27–31, 2025, Switzerland, Springer: 2025, xiii, 430p. doi: https://doi.org/10.1007/978-3-032-08707-2

Rajeev Gupta, Deepak P., Jun Shen, Srinath Srinivasa, Vinu Ellampallil Venugopal and Uttam Kumar, "Proceedings of the 13th International Conference on Big Data and Artificial Intelligence, BDA 2025," 13th International Conference on Big Data and Artificial Intelligence, BDA 2025, Bangalore, India, 2026, xiv, 372p. doi: https://doi.org/10.1007/978-3-032-15134-6

Aswin Kannan, Sachit Rao and Chitra Annamalai, "30th Advanced Computing and Communications Conference for a sustainable future, ADCOM 2025 Bangalore, India," 30th Advanced Computing and Communications Conference, ADCOM 2025, Switzerland, Springer: 2026, x, 239p. doi: https://doi.org/10.1007/978-3-032-26269-1

BOOK REVIEW

V. Sridhar, "Making Policy for the New Information Economy: Comparing China and India by K. P. Jayakar and C. Liu, New York, Routledge, 2024, 219 pp., ISBN 978-1-032-54143-3," Journal of Comparative Policy Analysis: Research and Practice, . doi: https://doi.org/10.1080/13876988.2025.2502345

PATENTS PUBLISHED

Prof. Prem Singh “A System and Method For DTX Feedback for Hybrid Automatic Repeat Request (HARQ) In Wireless Communications” published as IPA number 202441058814 on 17.10.2025.

Yogita, Sharvari, Jyotsna and Debabrata “Service-Aware Optimal End-To-End (E2E) Path Selection System and Method for Software Defined Networks” published as IPA number 202541123553 on 02.01.2026.

Ms. Sharvari Ravindran, Professor Jyotsna Bapat and Professor Debabrata Das “Hybrid End-To-End Combinatorial Configuration Selection for Network Slice Deployments” published as IPA number 202641054524 on 22.05.2026.

Mr. Jagan and Prof Madhav Rao “Multi-DoF upper and lower limb rehabilitation device on wheelchair” published as IPA number 202641046085 on 29.05.2026.

Prof Narayanan “A Robust Two-Axis Capacitive Displacement Sensor Immune to Liftoffs and Dielectric Variations” published as IPA number 202641047937 on 29.05.2026.

Kurian Polachan and Nagarajan “ArrythML-Framework” published as IPA number 202641061835 on 17.07.2026.

Kurian Polachan and Nagarajan “A Wearable ECG Patch for Real-Time Arrhythmia Detection” published as IPA number 202641061327 on 24.07.2026.

Arzad Alam Kherani, Shubhika Mishra, Smriti Kumar and Vishwajeet Sharan “Static RIS Elements for Wireless Communication Systems” published as IPA number 202541097829 on 14.11.2025.

Ankit Chandachoriya, Ravi Panwar and Arzad Alam Kherani “Method for designing PIN diode embedded circularly split ring resonator-based” published as IPA number 202541085045 on 06.02.2026.

Ankit Chandachoriya, Ravi Panwar and Arzad Alam Kherani “Design Methodology for a Reconfigurable Intelligent Surface Using PIN Diode-Embedded Quad-Split Ring Circular Resonators at 5.2 GHz” published as IPA number 202541085044 on 06.02.2026.

Samudrala Soujanya “Architecture for FPGA-based Acceleration of 5G-NR PDSCH” published as IPA number 202641035530 on 29.05.2026.

Anjana Krishna, Sowmava Mukherjee and Arzad Alam Kherani “LEGO-Based RIS” published as IPA number 202541023093 on 05.06.2026.

Arzad Alam Khera, Shubhika Mishra and Smriti Kumar “Self-Powered Autonomous” published as IPA number 202541129203 on 12.06.2026.

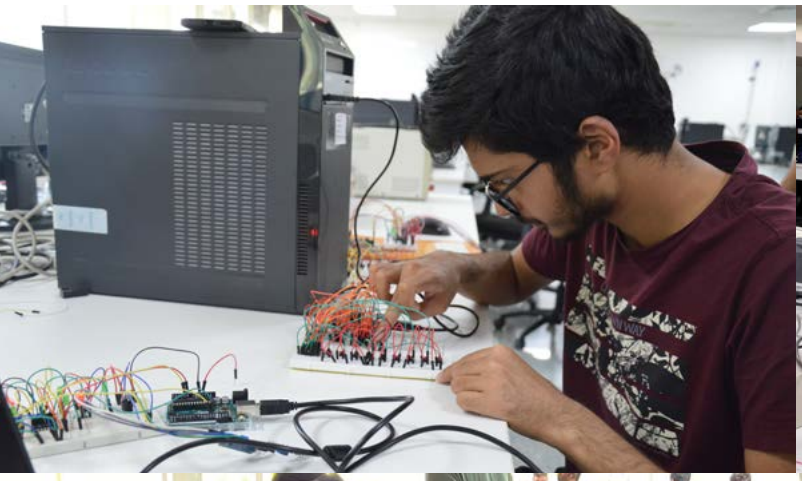
PATENTS GRANTED

Naveed “System and Method for Joint Estimation of Multi-Target State Parameters In OFDM Wireless Systems Using Slepian Sequences” Indian patent application number 202541012833 on 27.02.2026.

Praween Kumar Nishad, Ekant Sharma and Prem Singh “Reconfigurable Intelligent Surface For Enhanced Signal Reflection And Beam Steering” Indian patent application number

PATENTS (AY 2025-26)

Patent granted	2
Patent Filed & Published	13




International
Institute of Information
Technology Bangalore

14

STUDENT ACTIVITIES

STUDENT ACTIVITIES COUNCIL

The Student Activities Council (SAC) is the apex student body at IIIT-Bangalore. It oversees the functioning of the various committees presides overall student and acts as a liaison between the student body and the administrative authorities of the college.

The body is led by four under-graduate (Imtech) and four post-graduate (MTech and others) students.

SAC engages in discussions with the Director, Deans, Registrar, Wardens, and Coordinator of Student Affairs on academic and non-academic issues affecting the student body in general. The broad responsibility of SAC is to facilitate the smooth functioning of all the student activities at IIIT-Bangalore.

General Responsibilities:

- The representative body of the students in academic and non-academic matters.
- Organizing extra-curricular and co-curricular activities for IIIT-B students in consultation and collaboration with other student clubs and committees
- Facilitating the induction process for the incoming batch of students
- Regular communication and coordination of student mental/emotional well-being related programs
- Co-ordination of interaction between different student committees and clubs, as and when required
- Selection of an Election Committee for conducting SAC elections for the next term.

Student Affairs Council 2025-26 Members:

- Akshat Kashyap (BT2024269)
- Akshaya Akula (BT2024215)
- Saarthak Singh (IMT2024082)
- Karumudi Jitin Venkata Sai (IMT2023057)
- Pranava Swarup Balachander (IMT2024072)
- Vaishak Prasad Bhat (IMT2023085)
- Parag M Piprewar (MT2025083)
- Apoorva Kharya (MT2025023)
- Manne Sai Venkata (MT2025713)
- Sanjeeva Reddy S (MS2025014)

STUDENT ACTIVITIES

August 15, 2025

Independence Day Celebrations

IIIT-Bangalore celebrated its 79th Independence Day on August 15, with a vibrant programme that showcased student creativity, innovation and talent. A key highlight was the launch of Food e, an all-in-one dining platform developed by Food Committee members Harsh Sinha and Kartikeya Dimri to make campus dining more convenient. The cultural programme featured performances by student clubs, with Symphony, the Music Club, presenting the patriotic songs, followed by an energetic dance performance by Impulse, the Dance Club. Parvaz, and the Drama Club, presented a thought-provoking nukkad natak exploring Gen Z's expressions of patriotism beyond social media.

August 27-29, 2025

Ganesh Chaturthi at the institute was celebrated with great joy and devotion as the campus came alive to welcome Bappa. The arrival procession of Lord Ganesha's idol filled the air with chants of Ganpati Bappa Morya, music, and cheerful energy as students walked together in celebration.

The festivities concluded with a vibrant Visarjan, more than the tradition, the celebrations reflected the togetherness, gratitude, and the spirit of the IIIT-B community that makes truly special.

August 23, 2025

IIIT-Bangalore marked National Space Day 2025 with curiosity, discovery, and excitement in an event organised by the ECLIPSE Astronomy Club. Students from across the campus came together to explore the wonders of astronomy through insightful talks, interactive displays, and engaging activities.

The activities opened with an inspiring lecture session by Dr Prasanna Deshmukh, Engineer-D at the Indian Institute of Astrophysics, who specialises in astronomical instrumentation and telescope control systems. He spoke with passion about telescopes, their design, types, and the vital role they play in deepening our understanding of the universe.

August 29, 2025

This year, National Sports Day marked the grand finale of a week-long series of spirited sports events on campus. The newly formed Sports Committee, with the support of Dr. Neha Arora, Sports Officer, IIIT-Bangalore, ensured smooth organization and maintained the energy throughout the week.

The celebrations concluded with a felicitation ceremony attended by the Director, Professor Debabrata Das, the Registrar, Commodore S R Sridhar (Retd.), and the Sports Officer, Dr. Neha Arora.

September 5, 2025

IIIT-Bangalore, in collaboration with BMST, successfully organised a Blood Donation Camp where more than 90 units of blood were donated by our students, faculty, and staff. This overwhelming participation reflects the spirit of compassion and social responsibility within our community. Every single donation is a step towards saving lives and creating hope for those in need. A heartfelt thank you to all the donors and volunteers who made this initiative possible and impactful.

September 2025

The Aikyam Club of IIIT-Bangalore visited Surbhi Trust Orphanage, where they gave groceries and spent time with the children. Their innocent laughter and bright smiles served as a reminder that kindness is among the most valuable gifts we can share.

This visit was not just about giving things, but about love, care, and togetherness. Let's all do our part to build a world full of kindness and compassion.

September 26-28, 2025

With the blessings of Maa Durga and the dedicated efforts of Aikyam, the Navratri weekend at IIIT-B came alive with Umeed '25, the annual cultural fundraiser. The three-day festival opened with pottery sessions, lively food stalls, a thrilling Esports tournament, a magic show, open-mic acts, and stand-up comedy.

Day two blended devotion and celebration with Durga Puja, followed by a dazzling night of garba and dandiya, uniting the community in dance and tradition. Sunday brought creativity with a cheerful tote-bag painting session, bustling stalls, and the grand Diwali Mela Musical Cultural Night, turning the campus into a vibrant dance floor.

Play, Compete, Celebrate: Umang'25 @ IIIT-B

Umang, the Annual Inter Collegiate Sports Tournament, was back again this year, and it returned in the biggest and most exciting way yet. Umang 25 brought a fresh wave of energy and celebration to the IIIT-Bangalore campus. Over the three days of 31st October, 1st November and 2nd November, the atmosphere was electric as nearly 1200 sportspersons from 48 colleges gathered to compete, cheer and celebrate together. The event was made possible through the combined efforts of our sports officer Dr. Neha Arora, the Sports Committee and the enthusiastic student volunteers who worked tirelessly to ensure everything went on smoothly.

IIIT-B proudly secured Gold medals in Football, Mixed Doubles Table Tennis and Chess. Silver medals were earned in Women's Doubles Badminton, Women's Singles and the Men's Table Tennis Team. Umang'25 ended on a joyful and fulfilling note, reminding us that while trophies shine, it is the spirit of participation that shines brightest.

October 20, 2025 - Deepavali is a festival of lights celebrated with diyas.

November 16, 2025

Aikyam, IIIT-B and SAVE – 'S'erve 'A'nd 'V'alue 'E'very-life Value Added Learning Programme students visited the Wildlife Hospital and contributed to several rehabilitation activities. They helped prepare rope ladders for monkey rehabilitation, created indoor rehabilitation spaces for animals, refilled and cleaned around 30 water points, and cleaned a large water tank for the animals.

December 8-9, 2025

Our B.Tech. students Kabir Ahuja, Navya Balaji, Abhyudaya Singh, Aangir Doshi, Soham Banerjee, and Hemant Jagnani emerged victorious at the Smart India Hackathon (SIH) 2025 Grand Finale, held from December 8–9, 2025, in Meghalaya.

The 8th edition of the Smart India Hackathon, a national-level innovation challenge, witnessed nearly 72,000 idea submissions from across the country. From these, around 1,300 teams were shortlisted across 271 problem statements, with one winning team selected for each problem statement.

26th January 2026

Republic Day Celebrations: Student Spirit and Creativity IIIT-Bangalore celebrated its 77th Republic Day with pride, unity and enthusiastic student participation. The celebrations included the Republic Day Award Ceremony, recognising contributions to the campus community. The cultural programme highlighted student talent, with Symphony, the Music Club, presenting two soulful performances that evoked patriotic emotions. Parvaaz, the Drama Club, staged a thoughtful play conveying social and national messages through storytelling. Impulse, the Dance Club, added energy to the celebrations with a dynamic performance capturing the spirit of unity and celebration.

January 13, 2026

In commemoration of the birth anniversary of Swami Vivekananda, observed as National Youth Day, we organised a special event aimed at promoting fitness, unity, and the spirit of youth.

The event featured a 3 km run along with a series of engaging recreational activities, encouraging enthusiastic participation from the community.

March 2026

The ECLIPSE Astronomy Club at IIIT-Bangalore marked National Science Day with a thought-provoking session titled “The Shadow of the Lab: Navigating the Ethics of Scientific Discovery.” The session went beyond formulas and telescopes, inviting students to reflect on how science truly evolves, not in isolation, but through people, choices, and responsibility.

---

1 May 2026

The IIIT-B Food Committee organized a May Day initiative to serve food to housekeeping staff, cooks, security personnel, and maintenance teams in recognition of their contribution to campus life. The initiative reflected appreciation for the individuals whose efforts keep the institute running smoothly each day. The Director and Registrar applauded the student community for the thoughtful gesture.

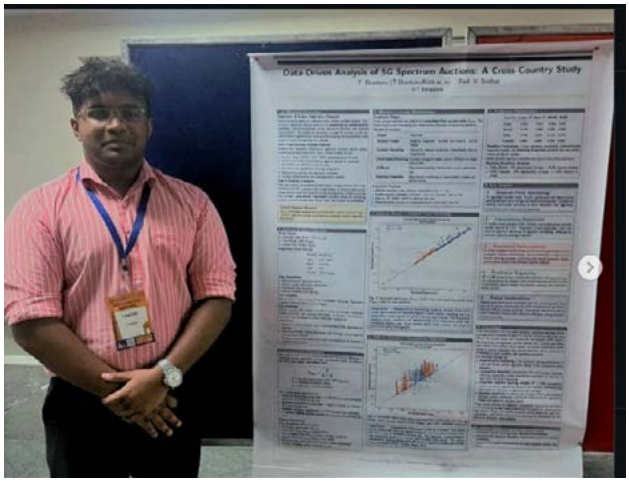
June 2026

IIIT-B Students Explore Ethical AI and Global Innovation During Learning Immersion in Paris.

Under the Memorandum of Understanding (MoU) between Île-de-France and IIIT-Bangalore, the second batch of fifteen first-year BTech students from the Artificial Intelligence and Data Science programme at IIIT-B participated in an international learning immersion programme at Aivancity School for Technology, Business & Society in Paris, France, from May 26 to June 8, 2026. As part of the exchange programme, the students attended a short course on AI and Ethics. The collaboration has also enabled students from Aivancity, France, to visit the IIIT-B campus in 2025 and 2026, where they interacted with students and faculty and explored the campus and the city of Bengaluru, further strengthening academic exchange, cultural understanding, and global collaboration between the two institutions.

Accompanied by Dr. Sushree, the students engaged with leading experts working at the intersection of artificial intelligence, business, and ethics, gaining exposure to global perspectives on the opportunities and responsibilities associated with emerging technologies.

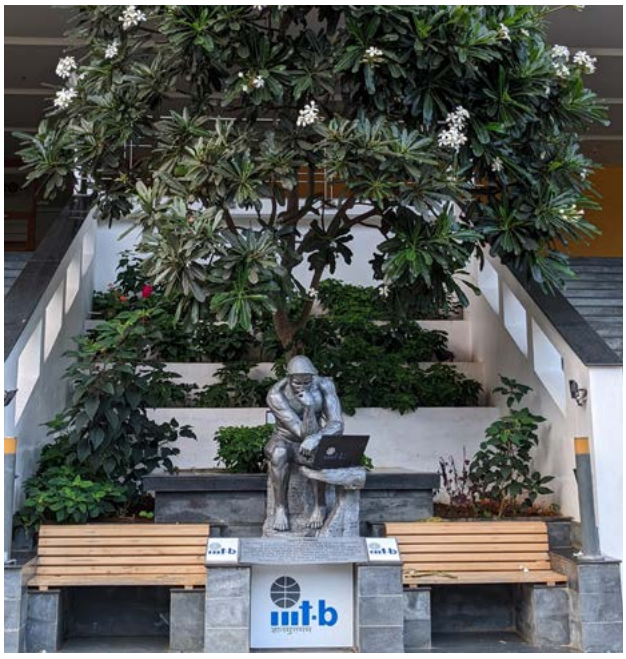
June 2026



Integrated M.Tech Student Presents 5G Spectrum Research at IEEE Summer School

Shantanu, an Integrated M.Tech student at IIIT-Bangalore, presented his research poster and paper, “Data-Driven Discovery of 5G Spectrum Auction Archetypes Using Machine Learning,” at the JTG/IEEE Information Theory Society Summer School 2026, held at IIT Delhi.

His research analysed more than 30,000 spectrum auction records from multiple countries, using machine learning techniques to identify structural patterns in telecom spectrum markets and predict auction outcomes. The work was carried out under the guidance of Prof. Sridhar as part of Shantanu’s Summer Internship and Project Elective.



STUDENT ACHIEVEMENTS

Integrated M. Tech. student, Ayush Arya Kashyap, has won the Jury Recommendation Prize of ₹25,000 at the SEBI Securities Market Hackathon 2025.

The hackathon, powered by BSE, CDSL, KFINTECH, NSDL, and SEBI, took place throughout September 2025, with the award ceremony held on October 8, 2025, during the Global Fintech Fest at the Nita Mukesh Ambani Cultural Centre, Mumbai.

Ayush built an AI-powered fraud detection system to make the securities market safer and more transparent. His innovative idea and dedication were highly appreciated by the jury.

Ph.D. scholar, Sandeep Agrawal, has been selected as one of the IEEE SA Standards Medallion Recipients for his exceptional leadership and contributions to the development of rural broadband standards and solutions.

Second year B.Tech. student team "BP," comprising Pragun K Kirani, Varshith M Gowda, Ajay Javali , and R S Tarun, participated in Aarambh, an ideathon at Incub8, NITK, and won first place. A total of 295 teams across India participated in the event.

The team built a gamified solution for teen drug abuse prevention during the 24-hour ideathon. Their solution was selected for the second round, featuring the top 12 teams. They pitched their idea and app to the jury in the final round and secured first place, winning a prize pool of ₹30,000.

Music club-Symphony, participated in Waves '25, the annual cultural festival of BITS Pilani, Goa Campus, and took part in various music competitions.

In the Solo Instrumental Competition Solonote, our students delivered outstanding performances:

Percussion Category

1st Place: Ketaki Tamhanakar (Integrated M.Tech.)

3rd Place: Nirmeet Udeshi (Integrated M.Tech.)

Non-Percussion Category

3rd Place (Tie):

- Aangir Doshi (B.Tech.)
- Neha Tamhanakar (Integrated M.Tech.)

In the second week of September, Sayak presented his research at the 34th International Conference on Artificial Neural Networks (ICANN), hosted at Vytautas Magnus University, Kaunas, Lithuania. ICANN is one of Europe's leading conferences in neural networks and AI, and presenting there was a significant milestone in Sayak's research journey.

His paper, "Robustness Verification for Object Detection using Set-Based Reachability Analysis", co-authored with Hardik Khandelwal (IMT2020) and Prof. Meenakshi D'Souza, tackles a problem that's vital in today's AI-driven world.

IIIT – Bangalore alumnus Nibin Mathew secures the Silver Medal for India at the International IBTA Burgundy Grand Prix Finals 2025 in France – a remarkable achievement reflecting his dedication and excellence.

B.Tech. students Kabir Ahuja, Navya Balaji, Abhyudaya Singh, Aangir Doshi, Soham Banerjee, and Hemant Jagnani emerged victorious at the Smart India Hackathon (SIH) 2025 Grand Finale, held from December 8–9, 2025, in Meghalaya.

IIIT-Bangalore students, Ajay Javali (B.Tech.), Arjun Sai (B.Tech.), Anurag Rao U (Integrated M.Tech.), and Akshay K M (Integrated M.Tech.) secured the First Runner-Up position at the Odoo Hackathon 2026, held recently in Coimbatore.

Integrated M.Tech. students from IIIT-Bangalore secured first place at the DP World National Hackathon, held at BITS Hyderabad from April 2 to 5, 2026. The winning team, Dhad Dhad Dhad, comprising

Siddeshwar Kagatikar, Bhavya K., Tanish Pathania, Vrajnandak Nangunoori, and Dikshant Mahawar, was recognised for developing an innovative technology-driven solution to a complex logistics challenge.

The hackathon focused on optimizing port yard operations by minimizing crane movements and reducing operational costs through intelligent container placement – an issue central to improving efficiency in modern supply chain systems.

Integrated M.Tech. students Nikunj Mahajan , Ivan Bhargava and Kanav Bhardwaj received the Best Paper Award at the ICRACE 2026 Conference held at Wadia College of Engineering, Pune.

Their research paper, "Predictive Autoscaling of ML Workloads using Prophet and LSTM," was presented as part of their project elective under the guidance of Prof. B. Thangaraju. The work focused on improving the scalability and efficiency of machine learning workloads through predictive modeling techniques.

Integrated M.Tech. student, Mannat Kaur Bagga, represented IIIT-Bangalore at the Society of Women Engineers (SWE) Local Conference held at Sheraton Hotel.

Her research paper was selected among numerous submissions, and she spoke as a panelist on "Relationship Wellness: Hidden Catalyst to Growth." Mannat was also the youngest speaker on the panel, sharing the stage with professionals from across the country.

Three students, Arismita Mukherjee, Patankar Aabha Samir, and Talla Likitha Reddy from IIIT-Bangalore have been selected for the prestigious Women in Semiconductors and Hardware (WISH) Program by Texas Instruments, a flagship mentorship initiative designed to encourage and empower women engineering students aspiring to build careers in semiconductor technology, embedded systems, and hardware engineering.Their selection reflects both academic excellence and strong technical aptitude in highly specialized engineering domains.

Harshal Purohit and Hrushikesh Nakka, our M.Tech. 2024 Computer Science and Engineering students have achieved a significant milestone with their project, Driftwatch, developed under the guidance of Prof. B. Thangaraju. The project has been accepted for publication in ADMIN Magazine – Issue 93. The publication recognises the team's work and highlights the quality of research and innovation undertaken by IIIT-Bangalore students.

International Institute of Information Technology Bangalore (IIIT-B) has once again demonstrated its excellence in competitive programming, with a team comprising Ananth Ojha, Adithya Sunil Kumar, and Shreyas Ghildiyal qualifying for the International Collegiate Programming Contest (ICPC) World Finals 2026, one of the world's most prestigious algorithmic programming competitions for university students.

This marks the third time IIIT-Bangalore has qualified for the ICPC World Finals, following its earlier appearances in 2017 and 2018. The previous qualifying teams included Aditya Paliwal, Simran Dokania, and Syam K. B., underscoring the institute's consistent excellence in competitive programming.

The ICPC World Finals 2026 will be held in Dubai, United Arab Emirates, from 15 to 20 November 2026, hosted by the Dubai Chamber of Digital Economy.

SPORTS ACTIVITIES

29 August 2025

National Sports Day

This year, National Sports Day on 29th August marked the grand finale of a week-long series of spirited sports events on campus. The Sports Committee, with the support of Dr. Neha Arora, Sports Officer, IIIT-Bangalore, ensured smooth organization and maintained the energy throughout the week.

September 2025

A Grand Slam Success: Recapping Phase 1 of the IIIT-B Premier League

The campus was buzzing with electrifying energy as Phase 1 of the IIIT-B Premier League unfolded in a spectacular showcase of athleticism and house spirit. Across three thrilling days, the Sports Committee orchestrated a seamless sporting extravaganza that kept us all on the edge of our seats.

The event kicked off with thrilling auctions, where team strategies took shape, setting the stage for the intense

competitions to follow. The committee's meticulous planning was evident in the streamlined fixtures, ensuring that every match ran like clockwork. From the powerful spikes on the volleyball courts to the silent tension at the chess tables, the spirit of fierce yet friendly competition was palpable.

A total of six sports – volleyball, football, throwball, table tennis, chess, and powerlifting – truly had something for everyone. With eight teams battling it out in each sport, every point was contested with pure passion and grit. The air was constantly filled with echoing cheers and unwavering support from fellow housemates, creating an unforgettable atmosphere that pushed every athlete to dig deeper and perform their best.

October 2025

Play, Compete, Celebrate: Umang'25 @ IIIT-B

Umang, the Annual Inter Collegiate Sports Tournament, was back again this year, and it returned in the biggest and most exciting way yet. Umang 25 brought a fresh wave of energy and celebration to the IIIT-Bangalore campus. Over the three days of 31st October, 1st November and 2nd November, the atmosphere was electric as nearly 1200 sportspersons from 48 colleges gathered to compete, cheer and celebrate together. The event was made possible through the combined efforts of our sports officer Dr. Neha Arora, the Sports Committee and the enthusiastic student volunteers who worked tirelessly to ensure everything went on smoothly. The campus looked vibrant and welcoming, decorated beautifully to match the festive spirit of the occasion.

The opening ceremony was grand and full of life, setting the perfect tone for the days that followed. Matches and games across Football, Tennis, Badminton, Kabaddi, Throwball, Volleyball, Table Tennis and Chess were gripping to watch, filled with spirited performances, close finishes and moments that brought the audience to their feet. There was a shared sense of excitement and unity that spread across the grounds, while food stalls from popular off campus vendors added comfort, flavour and a festive buzz to the entire event.

IIIT-B proudly secured Gold medals in Football, Mixed Doubles Table Tennis and Chess. Silver medals were earned in Women's Doubles Badminton, Women's Singles and the Men's Table Tennis Team. Umang'25 ended on a joyful and fulfilling note, reminding us that while trophies shine, it is the spirit of participation that shines brightest.

---

19 -22 December 2025

Kreedotsav 2025: Celebrating Fitness and Camaraderie at IIIT-Bangalore

Kreedotsav 2025 is a much-awaited annual event at IIIT-Bangalore, serving as the Faculty and Staff Sports Day of the institute. This year, Kreedotsav was organised on 19 and 22 December 2025, with the aim of promoting physical fitness, teamwork, and a healthy work–life balance among faculty and staff members.

The inaugural ceremony was graced by Prof. Debabrata Das, Director, IIIT-Bangalore, who formally inaugurated Kreedotsav 2025, along with the Sports Officer, Dr. Neha Arora. The inauguration emphasised the importance of sports and physical activity in enhancing overall well-being and fostering a vibrant campus culture.

The two-day sports festival witnessed enthusiastic participation from faculty and staff members. A wide range of indoor and outdoor sports events were conducted, encouraging inclusivity and active engagement. The competitions highlighted not only athletic skills but also teamwork, sportsmanship, and mutual encouragement among participants.

The Prize Distribution Ceremony, held at the conclusion of the event, was graced by Prof. Debabrata Das, along with the Registrar, Cmdr. S. R. Sridhar, and Sports Officer, Dr. Neha Arora. Winners and participants were felicitated for their outstanding performances, dedication, and sporting spirit, bringing Kreedotsav 2025 to a celebratory and motivating close.

March 20-22, 2026

The IIIT-B Premier League, organized by the Sports Committee, saw enthusiastic participation from students, making it a lively and enjoyable event.

March 2026

IIIT-Bangalore at ARENA 2026

ARENA 2026, the annual national-level sports festival hosted at BITS Pilani, Hyderabad Campus, saw participation from multiple institutions across the country. IIIT-Bangalore was represented by 78 athletes competing in ten sports, including table tennis, chess, kabaddi, volleyball, basketball, tennis, football, cricket, badminton, and powerlifting.

IIIT-Bangalore's primary result came in table tennis, where the team secured first place. The squad – Nilay Kamat, Jayesh Pandit, Shreyas Arun, Siddharth Vikram, and Sathvik Rao, progressed through the knockout rounds to win the final.

In chess, IIIT-Bangalore recorded a 1–2 finish. Sarvesh placed first, and Rakshith placed second in the event, which followed a rapid time-control format.

In team sports, IIIT-Bangalore reached the semi-finals in kabaddi, volleyball, basketball, and tennis. These events involved either knockout formats or group-stage qualification followed by elimination rounds.

Other sports, including football and cricket, followed standard intercollegiate tournament structures with group stages and knockouts. Individual and team events such as badminton and powerlifting were conducted according to established competitive formats.

IIIT-Bangalore took part in both individual and team events across different formats during the tournament. Competing against a wide range of institutions, the results reflect their performance in a competitive environment.

April 5, 2026

Miles4Meals 2026

IIIT-Bangalore, in collaboration with the Akshaya Patra Foundation, successfully hosted Miles4Meals 2026, its annual community run featuring 5K and 10K categories. Bringing together over 525 participants, including students, faculty, corporate representatives, and members of the public, the event raised over ₹2.25 lakhs in support of Akshaya Patra Foundation's Mid-Day Meal Programme for underprivileged school children.

Flagged off by Director Prof. Debabrata Das, the event was successfully led and coordinated by Dr. Neha Arora, Sports Officer, IIIT-Bangalore.

More than a fitness initiative, Miles4Meals serves as a powerful reminder of the collective responsibility to address hunger and nutrition challenges among children. Every step taken by participants contributed towards ensuring that more children have access to nutritious meals and brighter futures.

Launched in 2023, Miles4Meals has grown into a flagship IIIT-Bangalore initiative, reflecting the institute's commitment to community engagement, social responsibility, and meaningful societal impact. We thank our sponsors for supporting this event.

STUDENT ADMISSIONS

Student admissions form an important part of the annual academic activities of the institute. The admission process during the academic year was carried out in a systematic, transparent, and student-friendly manner, in accordance with the prescribed rules, regulations, and eligibility criteria.

The admissions data presented in the following Table provides an overview of the number of students admitted across different academic programmes during the Academic Year 2025-2026.

Programme	Male	Female	Total
B.Tech	239	4	243
Integrated M.Tech	108	10	118
M.Tech	153	26	179
MS by Research	10	12	22
PhD	10	5	15
Integrated PhD	2	0	2
Total Students			**579**

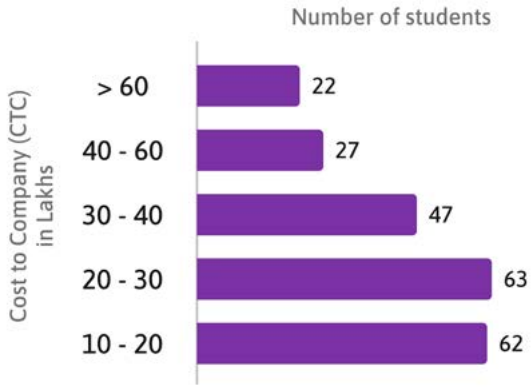
PLACEMENT STATISTICS

OFFER	METRIC	iMTech		MTech	
		CSE	ECE	CSE	ECE
Full Time CTC** (INR In Lakhs)	Highest	153	80.42	62	43.23
	Average	47.33	38.54	23.45	31.59
	Median	41	38.61	20	27
Internship Stipend (INR In Thousands)	Highest	250	110	140	75
	Average	96.85	58.88	57.54	49.44
	Median	100	50	50	50

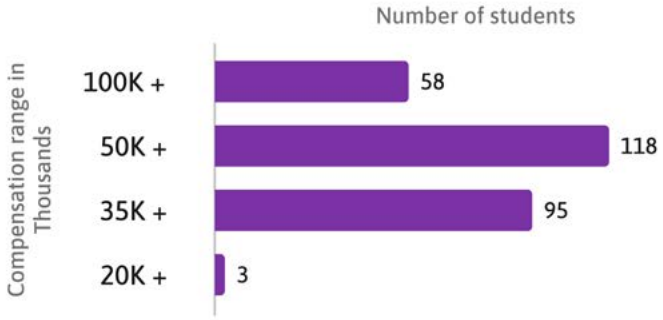
**Includes Off-Campus Offers *Some Domestic Offers Have RSUs Included **Includes Academia And Industry Offers

Percentage Of Students - Full Time Employment (FTE)

INR in Lakhs



Internship/Thesis



Top Recruiters

amazon AMD AMERICAN EXPRESS ANALOG DEVICES ARISTA arm AUGNITO
auradine AXTRIA BIZOM BOSCH cadence cerebras ciena
CIRCLES cisco citibank COHESITY ConcertAI DATAWEAVE
D E Shaw & Co DELL DP WORLD ebay EMERSON Everpure EXL
Flipkart Google goto harness HSBC Hyperbots
IBM Infineon INMOBI InStore.ai intel. INTUIT
KPMG MARVELL MathWorks media.net MEDIATEK meesho
mercari Microsoft MINVEST AI LABS Morgan Stanley MOSIP Myntra
NetApp Securities Research NVIDIA NXP NYKAA omnissa
ONDC OnePay ORACLE outmarket PEGA PHILIPS
Qualcomm Quince RALLY VISION Red Hat REGENERON RENESAS
RingCentral rubrik SAMSUNG SanDisk SEQUOIA SCIENAPTIC

FULL TIME RECRUITMENTS

Company Name	Students Recruited
Amazon Applied Science	2
Amazon SDE	1
AMD	3
Amex	3
Analog Devices (FTE)	5
Arista Networks	5
Avesha Systems	1
Axtria	5
Bigbasket	3
Cadence	1
Cerebras	1
Ciena	3
Citi Bank	5
ConcertAI	1
DE Shaw	3
Dell	2
DP World	2
Emerson	1
Everpure	3
EXL	5
Flipkart	8
Google	4
Google (Hardware)	3
GoTo	4
Harness.io	1
HSBC	2
Hyperbots	1
IBM	28
IISc	3
Infineon	1
InMobi	1
KPMG	2
MathWorks	1
Mediatek	7
Meesho	3
Meesho (DS)	1
Mercari	1
Minivet.ai	1
Mobisy	3
Morgan Stanley	4
NetApp	5
Nykaa	2
ONDC	3
Oracle	8
Outmarket.ai	2
Qualcomm	10
Redhat	9
RingCentral	6
RingCentral (PD)	2
Rubrik	1
Samsung (SSIR)	10
Sandisk	5
Scienaptic AI	2
Siemens EDA	3
Skyworks (HW)	1
TCS	1
Texas Instruments (Hardware)	6
Texas Instruments (SDE)	4
The Trade Desk	2
Thoughtspot	2
Upscale AI	1
Urban Company	4
Velaura AI	2
VISA	3
Walmart	2
Wells Fargo	2
Wex FinTech	1
Zeiss	1
Zetwerk	1

INTERNSHIP RECRUITMENTS

Company Name	Students Recruited
Amazon SDE	8
Amazon Applied Science	3
AMD	3
Amex	5
Analog Devices	1
Archer IRM	2
Arista Networks	5
Augnito	1
Avesha Systems	1
Bigbasket	4
Cadence	1
CGI	1
Ciena	3
Cohesity	3
Dataweave	1
DE Shaw	3
Dell	2
Ecole Normale Supérieure de Lyon	1
Emerson	1
Everpure	3
Flipkart	9
Girnar	2
Global Foundaries	1
Harness.io	3
Hornet Decentratech	1
HSBC	6
Hyperbots	2
IBM	29
IISC	1
Infineon	3
Instore.ai	1
Intel	5
K/V Fire Chemicals India	1
MathWorks	1
Media.net	2
Mediatek	9
Meesho	3
Meesho (DS)	2
Mercari	1
Minivet.ai	3
Miq	2
Mobisy	2
NetApp	8
NK Securities	1
Nvidia	1
NXP	2
Nykaa	4
Omnissa	3
Optimized Electrotech	1
Outmarket.ai	2
Pega Systems	5
Philips	3
Qualcomm	15
Quince	3
Rally Vision	1
Redhat	12
Reev Travels	1
RingCentral	4
RingCentral (PD)	2
Rolls Royce	3
Rubrik	2
Sakshi Arora	1
Samsung (SSIR)	9
Sandisk	5
Scienaptic AI	3
Siemens EDA	3
Singapore	1
University of	1
Technology and Design	1
Skyworks (HW)	1
Skyworks (SW)	1
Slice	1
Synaptics	1
Texas Instruments (Hardware)	3
Texas Instruments (SDE)	4
Tripfactory.com	4
Uber	1
Upscale AI	1
Urban Company	5
Varahe Analytics	1
Velaura AI	2
VISA	3
Walmart	1
Wells Fargo	3
Zeiss	3
Zetwerk	1

SUMMER INTERNSHIP RECRUITMENTS

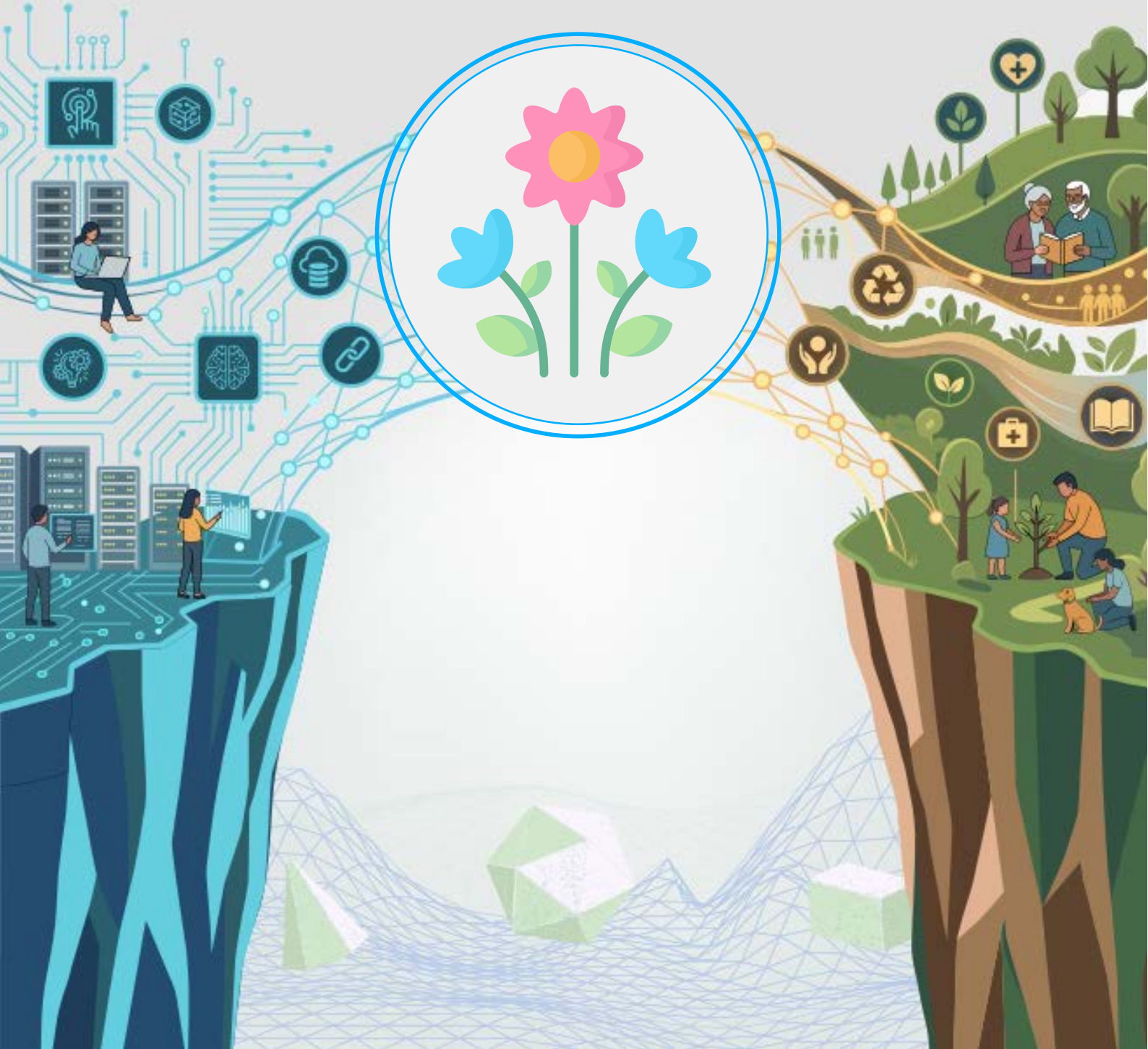
Company Name	Students Recruited
Arista Networks	5
Axtria	4
Bosch Global Software	1
Cisco	1
DE Shaw	4
Flipkart	4
Google	11
IBM Research	3
Intuit	2
Media.net	1
Mobisy	2
Morgan Stanley	5
Oracle	12
Outmarket.ai	3
Qualcomm	4
RingCentral	1
Swiggy	2
Texas Instruments (Hardware)	4
Texas Instruments (SDE)	2
The Trade Desk	2
ThoughtSpot	1
VISA	5
Wakefit	1
Walmart	3
Wells Fargo	3


TODAY'S THINKER
iit-b
ज्ञानमुत्तमम

International
Institute of Information
Technology Bangalore

15

WE MISS YOU



IN FOND REMEMBRANCE

Mr. K S Karthik (MS2025004)

Passed Away on October 03, 2025

Karthik was an integral part of the IIIT-Bangalore academic community, remembered fondly by faculty and peers for his commitment to research, scholarly spirit, and gentle demeanor. The institute extends its heartfelt condolences to his family, friends, and loved ones. His memory and contributions will always remain cherished in our hearts.

Mr. Sundeep Y (MT2010170)

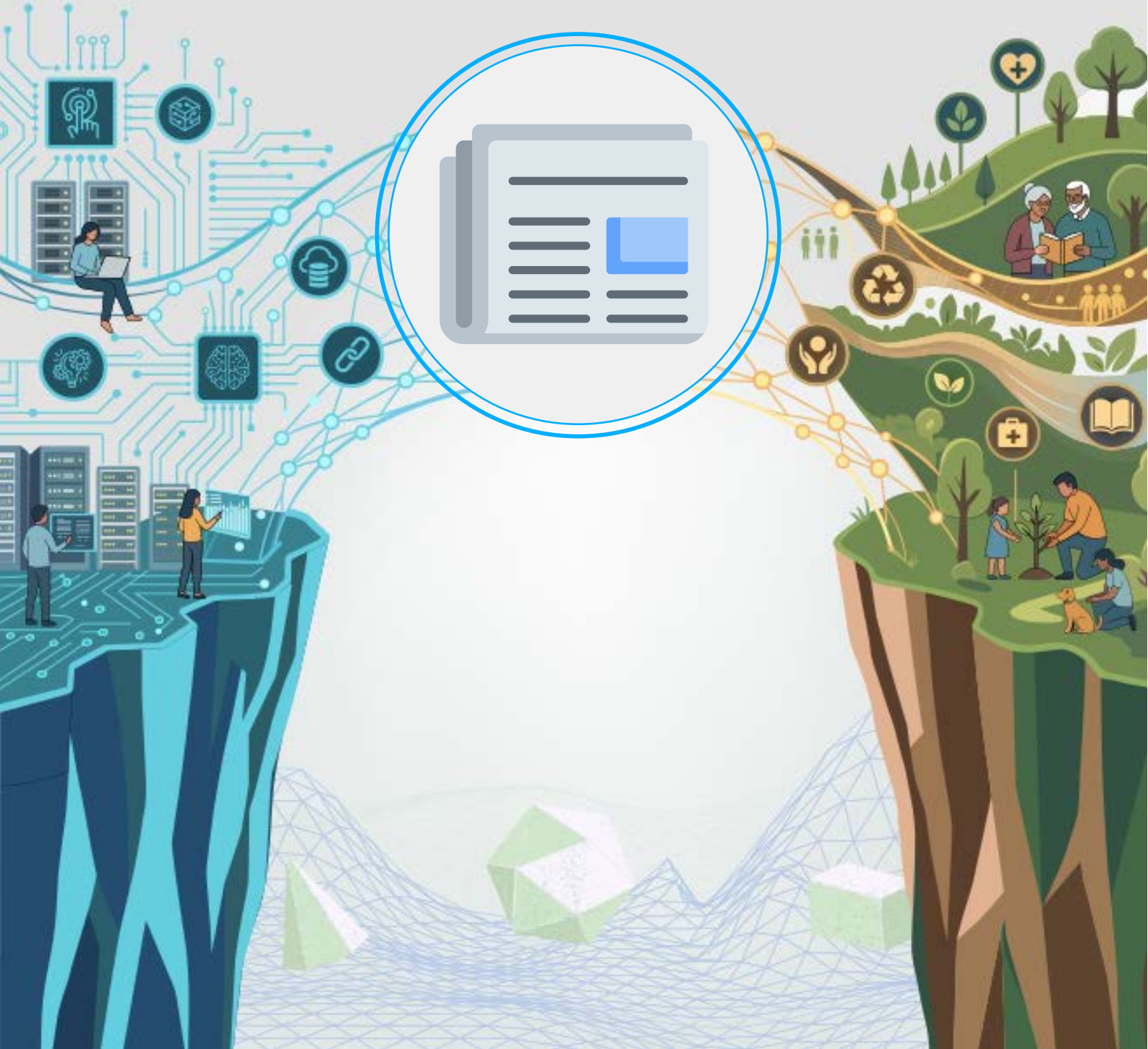
Passed Away on May 06, 2026

Mr. Sundeep Y, an alumnus of the Master of Technology programme at IIIT-Bangalore. He will always be remembered by the IIIT-Bangalore community for his warmth and kindness. Our heartfelt condolences to his family and friends. May his soul rest in peace.

International
Institute of Information
Technology Bangalore

16

IIIT-B IN THE NEWS



SME STREET

TUNITIES TECHNOLOGY BANKING & FINANCE SECTORS GLOBAL INVESTMENT LEGAL

FUTURE READY SUMMIT 2024 ADVERTISE WITH US

Sectors News

IIIT- Bangalore Secures Global Green University Award for Sustainability Efforts

IIIT-B wins the Global Green University Award 2025 at Cornell University, marking its third consecutive recognition for advancing sustainability in education.

SMEStreet Edit Desk

29 Sep 2025 11:13 IST

Follow Us

IIIT-B builds tool to spot manufacturing flaws instantly

Rishita Khanna
BENGALURU

Imagine if a factory could check every product on its assembly line by only comparing it to one perfect photograph without training, huge datasets, and expensive Artificial Intelligence (AI).

A team at the International Institute of Information Technology Bangalore (IIIT-B) has built a computer-vision tool that can catch even hairline scratches, dents and tiny alignment mistakes using a single reference image. The system was also showcased at the Bengaluru Tech Summit 2025.

The team comprising Jyotsna Bapat, Sasirekha G.V.K and H. Sanjeev from Integrated MTech built this for factories that struggle with one recurring problem: inconsistent human inspection and expensive AI-based inspection.

This tool starts with a 'golden reference image' - a

Researchers at IIIT-Bangalore have developed a computer-vision system that can spot flaws automatically on factory lines by comparing each product with a single perfect reference sample. SPECIAL ARRANGEMENT

It can be done only with a perfect reference image and without the help of huge datasets and AI

high-quality photo of what a perfect product looks like. Every new product on the line is compared to this one image. Before comparison, the system adjusts each new product to match the reference exactly, using a technique called ECC alignment. In simple terms, it 'lines up' the new photo with the perfect one until every pixel falls into place. It can correct small rotations or tilts automatically, so factories don't need precision fixtures or robotic arms. The IIIT-B team wanted something simple- a tool that workers could understand, that runs on a basic computer, and that does not break when lighting changes.

Easy interpretation

Their biggest challenges included stabilising the ECC alignment for noisy textures, designing a noise mask that works on reflective surfaces, and ensuring that the final output was easy for factory staff to interpret.

While aligning, the system also learns the camera's natural behaviour, its grain, its tiny vibrations, its sensor noise, and how reflections look on that surface. This becomes a baseline noise mask, which tells the software what is normal for the camera and what is an actual defect. This is crucial because low-cost cameras often produce false alarms when light shifts slightly or when metal surfaces reflect differently. The baseline mask filters such issues.

Once alignment is done, the system enhances brightness using CLAHE (a method that evens out lighting), subtracts one image from the other pixel by pixel, checks how structurally similar they are, and then highlights only the differences that matter. These differences are shown as a colour-coded defect map, making it easy for even non-technical factory staff to understand where the flaw is.

Because of this careful filtering, the tool can pick up defects as small as a few pixels, even those that the human eye might miss. It works on flat parts, slightly curved surfaces, metals, reflective or semi-reflective materials, and parts that shift slightly on conveyor belts.

Factories can detect multiple defect types at once including scratches, dents, foreign particles, texture irregularities, shape mismatches or rotation errors. The tool has been tested on different categories of products under different lighting conditions. According to the team, it consistently achieves up to 98% accuracy with low false positives and processes each image in under 13 seconds on a regular CPU. No GPU is required, and no AI retraining is ever needed. The strictness can be adjusted depending on how sensitive a factory wants the detection to be, helping avoid unnecessary rejection of good items.

The tool, they believe, can help industries reduce inspection time, cut down wastage, and make quality control more predictable.

It also brings advanced automation within reach for small and medium industries that often cannot afford deep-learning-based inspection systems.

Search

THE HINDU

HOME / NEWS / INDIA / KARNATAKA

316 students graduate at IIIT-B convocation, highest offer stands at ₹1.5 crore

316 students celebrated their graduation during the 26th convocation of the International Institute of Information Technology Bangalore (IIIT-B).

Updated - July 06, 2026 08:18 am IST - Bengaluru

THE HINDU BUREAU

Students and staff at IIIT Bengaluru's 26th convocation ceremony on Sunday. | Photo Credit: Special Arrangement

Around 316 students graduated in the 26th convocation ceremony of the International Institute of Information Technology Bangalore (IIIT-B) here on Sunday.

As GenAI grows, institutions must not just adopt, but also critically assess it

Excessive reliance on automated simplification risks diminishing formative experiences, writes **Raghuram Bharadwaj**

Generative Artificial Intelligence (GenAI) is advancing rapidly across a wide range of professional domains, and higher education is no exception. New tools continue to emerge at a pace that challenges institutions to keep up with their evolving possibilities and implications. The wide availability of GenAI models, including many open-source systems, has made these technologies easily accessible, especially within academic environments. As a result, teaching, learning, and assessment practices in higher education are already beginning to shift.

Teaching practices are among the first areas where the influence of GenAI is becoming visible. Trained on vast and diverse corpora spanning technical material, research literature, and explanatory content, Generative AI systems can readily provide information relevant to higher education across disciplines. This breadth of access can be a significant advantage when used thoughtfully. Education, however, is not solely concerned with efficient access to information. A meaningful learning experience often involves periods of uncertainty, conceptual friction, and unresolved questions, which prompt deeper inquiry and sustained engagement with the subject. It is through this process that learners arrive at moments of insight — experiences that not only solidify understanding but also cultivate intellectual curiosity and the intrinsic joy of learning. Shortcircuiting this process through excessive reliance on automated simplification risks diminishing these formative experiences. In this evolving landscape, the role of the teacher becomes even more critical. Rather than serving primarily as a conduit for content delivery, educators are increasingly tasked with emphasising foundational principles and the underlying structure of a discipline. By strengthening these conceptual building blocks, students are better positioned to engage productively with advanced material and to use GenAI tools as supportive aids rather than cognitive crutches.

When guided by best practices, GenAI can strengthen higher education, placing greater responsibility on instructors to shape its impact thoughtfully

Classroom pedagogy is therefore likely to shift towards approaches that encourage active reasoning, questioning, and in-class thinking, fostering habits of thought that students can carry forward when engaging with digital tools independently.

When grounded in strong first-principles understanding and sound habits of thinking, GenAI can meaningfully support personalised learning. Learners differ widely in their backgrounds, pace of comprehension, and preferred modes of engagement, and GenAI systems are well suited to adapt explanations accordingly. Used appropriately, such personalisation can make learning both more effective and more efficient, without compromising intellectual rigour. Importantly, this potential is best realised when educators play an active role in guiding students on the responsible and constructive use of these tools.

Assessment is another domain in which GenAI is rapidly reshaping established practices. Take-home assignments, traditionally designed to encourage reflection and the application of concepts beyond the classroom, are increasingly challenged by the ready availability of high-quality solutions generated by AI tools. This development compels educators to reconsider not the purpose of assessment but the mechanisms through which learning is evaluated. Assessing skills such as critical thinking and problem formulation requires new approaches. Structured open-book examinations conducted in controlled settings, where students are permitted access to material but are expected to apply understanding rather than reproduce answers, offer one promising direction. Similarly, in project-based courses, evaluation strategies may shift towards placing greater emphasis on the process of inquiry, design choices, iteration, and reflection.

As GenAI continues to evolve, it is essential for educators and institutions to actively monitor emerging technologies, critically evaluate their implications, and articulate clear principles for their responsible use. When guided by sound pedagogy and best practices, GenAI can positively strengthen higher education, placing greater responsibility on instructors to shape its impact thoughtfully.

The author is assistant professor, Department of EBAI, IIIT-Bangalore

Quick response: Linking Tele Manas, 112 turns lifesaver

4k Calls From Bengaluru In Just 2 Months

ishani@timesofindia.com

Bengaluru: The integration of Tele Manas with Namma 112 helpline in Feb is reshaping the way emergency response functions in Bengaluru, enabling faster identification of mental health crises and more coordinated and specialised interventions.

Tele Manas (14416) is the national mental health helpline number of the Union health ministry, for which Nimhans is the apex nodal centre. Since the integration, Tele Manas has received 4,052 calls from Bengaluru between Feb 4 and March 22. The integration has allowed emergency responders to identify mental health distress during calls and connect individuals to trained counsellors and mental health professionals in real time, ensuring timely and appropriate intervention.

One such intervention involved a 33 year old man who made 34 calls to 112 marked by aggression, disorganised speech, and delusions — claiming to be a politician's son, a senior police officer or even historical figures like Mahatma Gandhi and Napoleon, while alleging abduction and poisoning. He was rescued, re-united with family and admitted to a tertiary healthcare centre for treatment. He reported significant improvement within three days.

EMERGENCY ACTION

- A 33-year-old man made 34 calls to 112 marked by aggression, disorganised speech and delusions — claiming to be a politician's son, a senior police officer or even historical figures like Mahatma Gandhi and Napoleon, while alleging abduction and poisoning. He was rescued, re-united with family and admitted to a tertiary healthcare centre for treatment. He reported significant improvement within three days
- A 35-year-old man contacted Tele Manas with persistent suicidal thoughts. A counsellor provided immediate emotional support before escalating the case to a mental health professional, who, upon assessment, found the caller to be in a secluded location and in possession of poison. With support from local police and emergency services, the individual was located, safely rescued and taken to a hospital for care

Mental illness were recognised by the responders.

A mental health professional identified a four-year history of untreated psychiatric illness, medication non-adherence, aggression, and sleep disturbances. Coordinated efforts between 112, Tele Manas, and the family led to his admission to a tertiary healthcare centre with significant improvement within three days.

In another case that underscored the system's life-saving potential, Dr Naveen Kumar C, professor of psychiatry and head of community psychiatry at Nimhans, shared the instance of a 35-year-old man from Bengaluru who contacted Tele Manas with persistent suicidal thoughts. A counsellor provided emotional support before escalating the case to a mental health professional, who, upon assessment, found the caller to be in a secluded location and in possession of poison. With support from local police and emergency services, the individual was located, safely rescued and taken to a hospital for care.

"The most common complaints regarding which callers have contacted Tele Manas include sadness of mood and related symptoms, generalised anxiety/panic/phobia-related symptoms, stress related to exams, workplace or relationships, and sleep disturbances, followed by other issues linked to bio-socio-occupational dysfunction," Dr Naveen said. Most callers from Bengaluru were in the 18-30 age group, followed by those aged 30-40, with a slight predominance of male callers (56.5%), he added.

The International Institute of Information Technology Bangalore (IIITB) is providing the technological backbone for this initiative. TK Srikanth, professor of practice and head of IIITB's e-health research centre, said, "A customisable IVR, centralised and scalable infrastructure, minimal requirements for users, strong privacy safeguards, and continuous training have enabled consistent and accessible mental health support."

నేపథ్య జాయింట్ పరుగుకు సిద్ధమైన యువత

అక్షయపాత్రకు లక్ష్మీకటాక్షం

ಐಐಐಟಿಬಿ ತಾಂತ್ರಿಕ ಕೌಶಲ ಪ್ರದರ್ಶನ

आईआईआईटी बेंगलूरु ने दौड़ के माध्यम से अक्षय पात्र फाउंडेशन के लिए जुटाए सवा दो लाख रुपए

दक्षिण भारत राष्ट्रमत
dakshinbharat.com

बेंगलूरु। इंटरनेशनल इंस्टीट्यूट ऑफ इंफॉर्मेशन टेक्नोलॉजी (आईआईआईटी) बेंगलूरु ने सफलतापूर्वक अपना वार्षिक माइल्स4मील्स रन का आयोजन किया। जिसमें 5के और 10के श्रेणियों में दौड़ हुई। अक्षय पात्र फाउंडेशन के साथ साझेदारी में आयोजित इस पहल का उद्देश्य वंचित स्कूली बच्चों के लिए मध्याह्न भोजन की व्यवस्था करना है।

आईआईआईटी परिसर से शुरू हुई इस दौड़ का समापन बिंदु भी वही था। दौड़ को संस्थान के निदेशक प्रोफेसर देबब्रत दास ने हरी झंडी दिखाकर शुरू किया। इस वर्ष के आयोजन में छात्रों, शिक्षकों, कॉर्पोरेट प्रतिनिधियों और आम जनता सहित 525 से अधिक उत्साही धावकों ने भाग लिया। 2026 के संस्करण में 2.25 लाख से अधिक का दान प्राप्त हुआ, जिसका चेक समापन समारोह के दौरान अक्षय पात्र फाउंडेशन को औपचारिक रूप से सौंप दिया गया।

फाउंडेशन के प्रौद्योगिकी निदेशक विनोद सुधाकर ने 5 किलोमीटर की दौड़ में भाग लेकर सामुदायिक भागीदारी और साझा जिम्मेदारी के संदेश को सुदृढ़ किया। इस कार्यक्रम में टेक्नोफोर्ट के सीईओ योगेश पाठक और टेक्नोफोर्ट के बिक्री निदेशक संजय किकला भी उपस्थित थे।

The Times of India (Education Times) Date: 18.5.2026

Education TIMES

www.educationtimes.com

Assessments must test critical thinking, not memory

Rather than evaluating students based on their ability to reproduce textbook definitions, institutions should encourage students to innovate and apply knowledge, writes Debabrata Das

The real value of the educational process lies in aspects that cannot be replicated in the automated environment, such as mentorship and ethical considerations

Education & Careers

IIIT-Bangalore innovation centre hosts summit on industry–startup

Hans News Service

Education News

IIIT Bangalore and upGrad Mark 10 Years of Partnership with 31,000+ Graduates

The ceremony celebrated the achievements of learners across online programmes such as the Executive Post Graduate Programme in Data Science, Machine Learning & Artificial Intelligence, and Software Development.

SMEStreet Edit Desk
01 Sep 2025 16:04 IST

Follow Us

THE HINDU

Researchers at IIIT-Bangalore develop model to teach drones and robots to be more responsible

They propose a model to teach responsibility to autonomous AI agents, such as systems or entities like drones, robots, vehicles etc. which can perform tasks and operate independently without any human intervention.

Updated - October 30, 2024 10:13 am IST - Bengaluru

JAHNAVI T.R.

Autonomous agents are systems or entities like drones, robots, vehicles etc. which can perform tasks and operate independently without any human intervention. | Photo Credit: Getty Images

Imagine if adaptive traffic lights on the road start communicating with each other and regulate the traffic better, or if an autonomous agent (advanced form of Artificial Intelligence) tells a supply chain manager when is the best time to ship an order. In a new study by the International Institute of Information Technology Bangalore's (IIITB), researchers have come up with a model called Computational Transcendence which can help autonomous agents do these tasks responsibly.

THE HINDU

IIIT Bangalore develops smart compost monitoring solution

The team led by Prof. Jyotsna Bapat has built a prototype for an intelligent IoT system that remotely monitors and manages compost which can be used as fertilizer.

Updated - December 30, 2024 12:18 pm IST - Bengaluru

SHILPA ELIZABETH

The IIIT-B team's solution includes a sensor hub associated with each compost bin to monitor the pH, temperature, humidity, and CO2 levels. The hub allows remote monitoring of these values and the generation of alerts using a mobile phone. | Photo Credit: Special arrangement

A team of students and faculty at the International Institute of Information Technology – Bangalore (IIITB) has developed a remote compost monitoring solution that would not only aid sustainable agriculture but also help reduce the city's garbage woes and bring down the manual labour involved in composting.

The team led by Jyotsna Bapat has built a prototype for an intelligent IoT system that remotely monitors and manages compost, which can be used as fertilizer.

Also Read: Daily battles of Bengaluru's waste collectors

ಐಐಐಟಿ–ಬಿ ಜತೆ ನಿಮ್ಹಾನ್ಸ್ ಸಹಯೋಗದಲ್ಲಿ ಉಪಕರಣ ಸಂಶೋಧನೆ

ಸಿನಾಪ್ಸಿಲ್‌ನಿಂದ ಪಾರ್ಶ್ವವಾಯು ನಿರ್ವಹಣೆ

*ಬೆಂಗಳೂರು: ಮನೆಯಲ್ಲೇ ಪಾರ್ಶ್ವವಾಯು, ಅಪಘಾತದ ಗಾಯಾಳುವಿನ ಮೆದುಳಿನ ನೈಜಸಮಯದ ಅಲೆಗಳ ತಪಾಸಣೆ, ನಿರ್ವಹಣೆ ವ್ಯವಸ್ಥೆಗೆ ಸಿನಾಪ್ಸಿಲ್ ಉಪಕರಣವನ್ನು ಐಐಐಟಿ ಬೆಂಗಳೂರು ತನ್ನ ವಿಜ್ಞಾನ (ಡಿಜಿಟ ಎಂಗೇಜ್‌ಮೆಂಟ್ ಫಂಡಿಂಗ್) ಮೂಲಕ ರೂಪಿಸಿದೆ.

ಐಐಐಟಿ-ಬಿ ಜತೆಗೆ ನಿಮ್ಹಾನ್ಸ್ ಸಹಯೋಗದಲ್ಲಿ ಡಾ. ಅನ್ನೆಸ್ ಜಲ್ಲಪಲ್ಲಿ ಈ ಉಪಕರಣ ಸಂಶೋಧಿಸಿದ್ದಾರೆ. ನಮ್ಮ ಇದರ ಮೆಡಿಕಲ್ ಟ್ರಯಲ್ ಮುಗಿದಿದ್ದು, ನಿಮ್ಹಾನ್ಸ್ ಎಥಿಕಲ್ ಕಮಿಟಿಯಿಂದ ಅನುಮೋದನೆ ಪಡೆಯಬೇಕಿದೆ. ಇದು ವೈದ್ಯರು, ವೈದ್ಯಕೀಯ ಸಂಸ್ಥೆಗಳಿಗೆ ಲಭ್ಯವಿದ್ದು, ವೈದ್ಯರ ಸೂಚನೆ, ಮಾರ್ಗದರ್ಶನವಿಲ್ಲದೆ ಬಳಸಲು ಸಾಧ್ಯವಿಲ್ಲ. ಇಂಟರ್‌ನೆಟ್ ಆಫ್ ಥಿಂಗ್ಸ್(ಐಒಟಿ) ಆಧಾರಿತ ಮೂರು ಉಪಕರಣಗಳನ್ನು ಸಿನಾಪ್ಸಿಲ್ ಹೊಂದಿದೆ. ತಲೆಗೆ ಧರಿಸಲ್ಪಡುವ ಹೆಲ್ಮೆಟ್ ಮಾದರಿ, ಇಯರ್ ಬಾಡ್ ರೀತಿಯ ಉಪಕರಣ ಮತ್ತು ವರದಿ ಪಡೆಯಲು ಸೆಂಟ್ರಲ್ ಹಬ್ ಇರಲಿದೆ. ಪಾರ್ಶ್ವವಾಯು, ನರಸಂಬಂಧಿತ, ನಿದ್ರಾಹೀನತೆಯಂತಹ ಸಮಸ್ಯೆಗಳಲ್ಲಿ ಇದರ ಮೂಲಕ ವೈದ್ಯರು ರೋಗಿಯ ಮನೆಯಿಂದಲೇ ವರದಿ ಪಡೆಯಬಹುದಾಗಿದೆ.

ಕಾರ್ಯನಿರ್ವಹಣೆ ಹೇಗೆ ?

ಮನೆಯಲ್ಲಿ ರೋಗಿಯ ತಲೆಗೆ ಈ ಉಪಕರಣ ಅಳವಡಿಸಿದಾಗ ನೇರವಾಗಿ ಆಸ್ಪತ್ರೆ, ವೈದ್ಯರಿಗೆ ರಿಯಲ್ ಟೈಂನಲ್ಲಿ ಈ ದತ್ತಾಂಶ ತಲುಪುವ ವ್ಯವಸ್ಥೆ ಇದಾಗಿದೆ. ಇದಕ್ಕೆ ವೈದ್ಯಕೀಯ ಸಿಬ್ಬಂದಿ ಕೌಶಲ್ಯ ಅಗತ್ಯವಿದೆ. ತಲೆಗೆ ಧರಿಸುವ ಹೆಡ್‌ಬ್ಯಾಂಡ್ ಉಪಕರಣದಲ್ಲಿ ಎಫ್‌ಎನ್‌ಐಆರ್ ಪಾಡ್ಸ್ ಹಾಗೂ ಇಯರ್‌ಪಾಡ್‌ನಲ್ಲಿನ ಇಇಜಿ ಎಲೆಕ್ಟ್ರಾಡ್‌ಗಳು ಮೆದುಳಿನ ಚಟುವಟಿಕೆ ಹಾಗೂ ಸೆಂಟ್ರಲ್ ಹಬ್ ಮೆದುಳಿನ ಬಹುರೂಪಿ ದತ್ತಾಂಶವನ್ನು ಕಲೆ ಹಾಕತ್ತದೆ. ಹೀಗೆ ಕಲೆ ಹಾಕಲ್ಪಟ್ಟ ದತ್ತಾಂಶಗಳು ಬ್ಲೂಟೂತ್ ಲೊ ಎನರ್ಜಿ (ಬಿಎಲ್‌ಇ) ಮೂಲಕ ಕ್ಲೌಡ್‌ಗೆ ರವಾನೆಯಾಗುತ್ತದೆ. ಅಲ್ಲಿ ಕತೃ ಬುದ್ಧಿಮತ್ತೆ ಆಧಾರಿತ ಅಲ್ಗಾರಿದಮ್ ದತ್ತಾಂಶವನ್ನು ವಿಶ್ಲೇಷಿಸುತ್ತದೆ. ಆ ಮೂಲಕ ವೈದ್ಯರು ಮತ್ತು ಆರೈಕೆದಾರರಿಗೆ ಮೊಬೈಲ್ ಮತ್ತು ವೆಬ್ ಅಪ್ಲಿಕೇಷನ್ ಮೂಲಕ ತಲುಪಿಸುತ್ತದೆ.

ವಿಜಯ ವಿಶ್ವವಾಣಿ

ವಿದ್ಯಾರ್ಥಿಗಳ ನಾವೀನ್ಯತೆ ಮತ್ತು ತಾಂತ್ರಿಕ ಶ್ರೇಷ್ಠತೆಯ ಪ್ರಮುಖ ಪ್ರದರ್ಶನ

IIIT BANGALORE

IIIT-B Students Explore AI Ethics and Innovation at Immersion Programme in Paris

Our Web Correspondent

Posted on 24 Jul 2026 14:03 PM

IIIT-Bangalore

Summary

- The International Institute of Information Technology Bangalore (IIIT-Bangalore) has further strengthened its global academic engagement with 15 first-year BTech students from its Artificial Intelligence and Data Science (AI&DS) programme successfully participating in an international learning immersion programme at Aivancity School of AI & Data for Business & Society in Paris.
- As part of the exchange initiative, students attended a specialised

SME STREET

OLOGY BANKING & FINANCE SECTORS GLOBAL INVESTMENT LEGAL TENDER NEWS KNOWLED

Sectors Banking & Finance

IIIT-Bangalore Hosts VIBEWA National Banking Inclusion Meet

VIBEWA held its 3rd National Conference at IIIT-Bangalore, bringing bank employees and institutions together to discuss accessibility and inclusive banking practices.

SMEStreet Edit Desk
17 Feb 2026 16:22 IST

Follow Us

Listen to this article
0.75x 1x 1.5x
00:00/ 00:00

The 3rd National Conference of Visually Impaired Bank Employees Welfare Association (VIBEWA) was successfully held at the International Institute of Information Technology Bangalore (IIIT-Bangalore). The conference, themed "Inclusive Banking for the Divyangjan Bank Employees," brought together over 250 participants from across India, including employees with visual, hearing, locomotor and multiple disabilities representing Public Sector Banks, Private Sector Banks, Regional Rural Banks (RRBs), and financial institutions.

THE HINDU

HOME / NEWS / INDIA / KARNATAKA

IIIT-B develops webcam-based tool to track distraction in surveys

Published - January 03, 2026 08:44 pm IST - Bengaluru

RISHITA KHANNA

The team has explored whether eye-tracking could help understand respondent behaviour during surveys. | Photo Credit: FILE PHOTO

The International Institute of Information Technology Bangalore (IIIT-B) is developing a low-cost eye-tracking tool that uses a regular webcam to detect when people answering long surveys become distracted or mentally fatigued, a step to improve the reliability of public health and social survey data.

The project is funded by Machine Intelligence and Robotics CoE (MINRO).

The large-scale health and behavioural surveys are mostly carried out through door-to-door visits, with interviewers use questionnaires to ask respondents. These surveys are important for shaping public policy but are expensive and demanding to conduct. During the Covid-19 pandemic, such in-person surveys became difficult, pushing agencies to rely more on online surveys. However, researchers found that self-administered surveys often have high dropout rates and incomplete answers, particularly when respondents feel overwhelmed.

The project, led by IIIT-B professor Jaya Sreevalsan Nair with Beryl Gnanaraj, a PhD candidate at the institute, addresses this gap. The team explored whether eye-tracking could help understand respondent behaviour during surveys. The idea is to identify signs of cognitive overload such as loss of focus or prolonged hesitation which often lead to skipped questions or unreliable responses. By flagging such moments, survey organisers can better assess the quality of the data or redesign surveys to reduce respondent fatigue, Prof. Nair said.

Education TIMES
THE PATH TO EXCELLENCE

ALERTS

IIIT Bangalore invites applications for BTech and Integrated MTech programmes
Eligibility: Must have first-class in XII with Mathematics; JEE Main score
Deadline: June 8, 2026
Link: *https://admissions.iiitb.net/*

ITM Skills University, Mumbai, invites applications for BBA iConnect Scholarship programme
Eligibility: Class XII students with 60% marks
Deadline: May 30, 2026
Link: *https://www.itm.edu/bba-course/*

THE HINDU

HOME / NEWS / INDIA / KARNATAKA

No training, No AI: New IIIT-B system catches manufacturing flaws instantly

Published - November 29, 2025 09:50 pm IST - Bengaluru

RISHITA KHANNA

Researchers at IIIT-Bangalore have developed a computer-vision system that can spot flaws automatically on factory lines by comparing each product with a single perfect reference sample. | Photo Credit: SPECIAL ARRANGEMENT

Imagine if a factory could check every product on its assembly line by only comparing it to one perfect photograph without training, huge datasets, and expensive Artificial Intelligence (AI).

A team at the International Institute of Information Technology Bangalore (IIIT-B) has built a computer-vision tool that can catch even hairline scratches, dents and tiny alignment mistakes using a single reference image. The system was also showcased at the Bengaluru Tech Summit 2025.

The team comprising Jyotsna Bapat, Sasirekha G.V.K and H. Sanjeev from Integrated MTech built this for factories that struggle with one recurring problem: inconsistent human inspection and expensive AI-based inspection.

Workers get tired, lighting changes across shifts, and small factories do not have the thousands of labelled images needed to train modern AI models. Most cannot afford GPUs or specialised camera rigs either.

BENGALURU

IIIT-Bangalore advances smart signal technology with Reconfigurable Intelligent Surfaces for 5G and 6G networks

RIS panels are a cost-effective solution to network congestion and coverage gaps. Mounted on walls or poles, these panels serve as "plug-and-play" upgrades, eliminating the need for expensive infrastructure or additional towers.

NewsFirst Prime
29 Sep 2025 18:08 IST

International Institute of Information Technology Bangalore

ज्ञानमुत्तमम्

ज्ञानमुत्तमम् : Chapter 14, Bhagavad Gita, Verse 1

श्रीभगवानुवाच :-
परं भूय: प्रवक्ष्यामि ज्ञानानां ज्ञानमुत्तमम् |
यज्ज्ञात्वा मुनय: सर्वे परां सिद्धिमितो गता: ||1||

IIIT-Bangalore (Ecity Campus)
26/C, Electronics City Phase 1, Hosur Road,
Bengaluru, Karnataka- 560100
(+91)80 4140 7777 | (+91)80 2852 7636
www.iiitb.ac.in | Naviiina.iiitb.ac.in

/IIITBofficial
/IIITB_official
/IIITB_official
/IIITB_official
/school/iiitbofficial/