

Indian Institute of Technology Hyderabad Brochure 2026



*Inventing &
Innovating in
Technology for
Humanity (IITH)*

QS Rankings



**Ranked 588 in QS World
University Rankings 2027**



**Ranked 270th
in QS Asian University
Rankings 2026**

NIRF Rankings



**Ranked 6th in NIRF
(Innovation)**



**Ranked 7th in NIRF
(National-Engineering)**



**Ranked 12th in NIRF
(National - Overall)**



**Ranked 15th in NIRF
(National - Research)**





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Vision

IITH will be the cradle for inventions and innovations. It will advance knowledge and scholarship to students in science, technology and liberal arts, and equip them to handle the challenges of the nation and the world in 21st century.

Mission

To be recognized as ideators and leaders in higher education and research, and to develop human power with creativity, technology and passion for the betterment of India and humankind.

Core Values

Integrity

Scientific Enquiry

Academic Freedom

Excellence

Diversity of Ideas



Dear Friends,

It gives me immense pleasure to present 2026 edition of our Institute Brochure, capturing another defining phase in our journey of academic excellence, research, innovation, entrepreneurship, and societal impact. Over the past 17 years, IIT Hyderabad (IITH) has evolved into one of India's finest and fastest-growing technology institutions, distinguished by its interdisciplinary academic model, deep-tech innovation ecosystem, and unwavering commitment to addressing national priorities while advancing global scientific research.

The past year has been particularly significant for the Institute. Our continued progress in global rankings reflects the collective efforts of our faculty, researchers, students, staff, alumni, and partners. IITH is now ranked 588th globally in the QS World University Rankings 2027, registering a remarkable 76-place improvement over the previous year. The Institute also entered the Global Top 400 in Engineering & Technology in the QS World University Rankings by Subject, while maintaining its strong standing in the QS Asia Rankings with one of the world's highest research impacts, reflected in our 123rd global rank in Citations per Faculty. We are equally proud that 31 faculty members secured 46 positions in the Stanford-Elsevier World's Top 2% Scientists List, reaffirming the growing global influence of research carried out at IITH. Nationally, we continue to strengthen our position with NIRF Rank 7 in Engineering, 6 in Innovation, 12 Overall, and 15 in Research.

Innovation continues to define the character of IITH. With the motto of the institute being "Inventing and Innovating in Technology for Humanity (IITH)", we adopted Sanskrit phrase "नवोन्मेषेण देशनिर्माणम्" (Nation Building through Innovation) in our logo. During the year, we organised **Innovation Day 2026** and the **first Inter-IIT UG Innovation Meet (RISE 2026)**, bringing together young innovators from IITs across the country.

IITH mentored nearly 300 Start-ups, generating more than ₹1,500 crore in revenue and creating over 1,100 jobs, continue to translate research into impactful technologies and entrepreneurial ventures. This year our total filed patents stand at 800+ and granted patents stand at 430+. With a strong intention to achieve Viksit Bharat at the earliest, IITH has started Product-Based PhD, this year., wherein the PhD student will show a product in four years instead of the thesis.

Our research ecosystem expanded substantially with the establishment of new Centres of Excellence and strategic national initiatives. The launch of the Integrated Lung Health (ILH) Centre, the VIGRAHA Centre for AR/VR technologies for the Indian Army, the Centre of Excellence under the National Critical Mineral Mission, Centre of Excellence for Clean Coal Energy & Net Zero (CLEANZ), and new collaborations in Semiconductors, Advanced Manufacturing, and Communications further strengthened our interdisciplinary research landscape. Centre for Creative Arts has been set up with more than 10 Padma Awardees as Distinguished Professors Strengthening our international academic collaborations, joint research Centres with Deakin University, Australia (AMRIT), Swinburne University of Technology (SIMMECT), and Shimane University have been set up. To support the LOTUS program of Japan, a Japan Culture Centre has also been set up and all 300 LOTUS students who visited Japan in 2025 have been trained in Japanese language and culture. A plan for Japanese training for all the 1000 LOTUS students of 2026 has already been in place. IITH has played the role of a Hub like last year to ensure that the number of LOTUS applications increased from 600 to 1600 this year. IITH has also set up a JEOL Microscopy Training Centre at IITH to train students and faculty across the country on high end microscopy. The inauguration of India's first Dai Nippon Printing (DNP) R&D Centre at IITH, along with innovation hub established by AGC, the Centre of Excellence in Advanced Communication Technologies with C-DOT, and multiple industry partnerships, reflects the confidence that global industry places in the Institute's research capabilities.

International engagement has also grown significantly. Building upon our long-standing partnership with JICA and Japanese universities, the Institute hosted the **Japan Academic Day**, the **Japan-India Universities Forum**, **Japan Career Day**, and the **Japan Co-Research Day**, while welcoming several international delegations and expanding collaborations with leading global universities and industries. These partnerships continue to strengthen our role as a bridge connecting academia, research, industry, and innovation across continents.

Director's Message

The Institute remains deeply committed to creating technologies that improve lives. Our research continues to advance frontiers in 6G Communications, Autonomous Navigation, Artificial Intelligence, Semiconductors, Critical Minerals, Additive Manufacturing, Quantum technologies, Healthcare, Climate resilience, and Sustainable engineering. The recognition of IITH as a FIT India Model Vehicle-Free Campus, our growing renewable energy initiatives like setting up of ≈ 5 MW Solar Plant generation in the campus, sustainable waste management through STPs of 2600 kLD capacity and our vision of becoming a Net Zero campus by 2030 reflect our belief that technological excellence must be accompanied by environmental responsibility.

Equally important is our commitment to nurturing future-ready graduates. New MTech programmes in Critical Minerals and Metals Processing, Defence Technologies, Photonics, and AI for Chemical Engineers continue to redefine Engineering education through project-based learning, industry engagement, and multidisciplinary thinking. Through initiatives such as Visit IITH, the IITH Podcast Series, Extra Mural Lectures, the Annual Book Fair, Prerna, and community outreach programmes, we are also creating meaningful opportunities for young learners and society to engage with science, technology, and innovation.

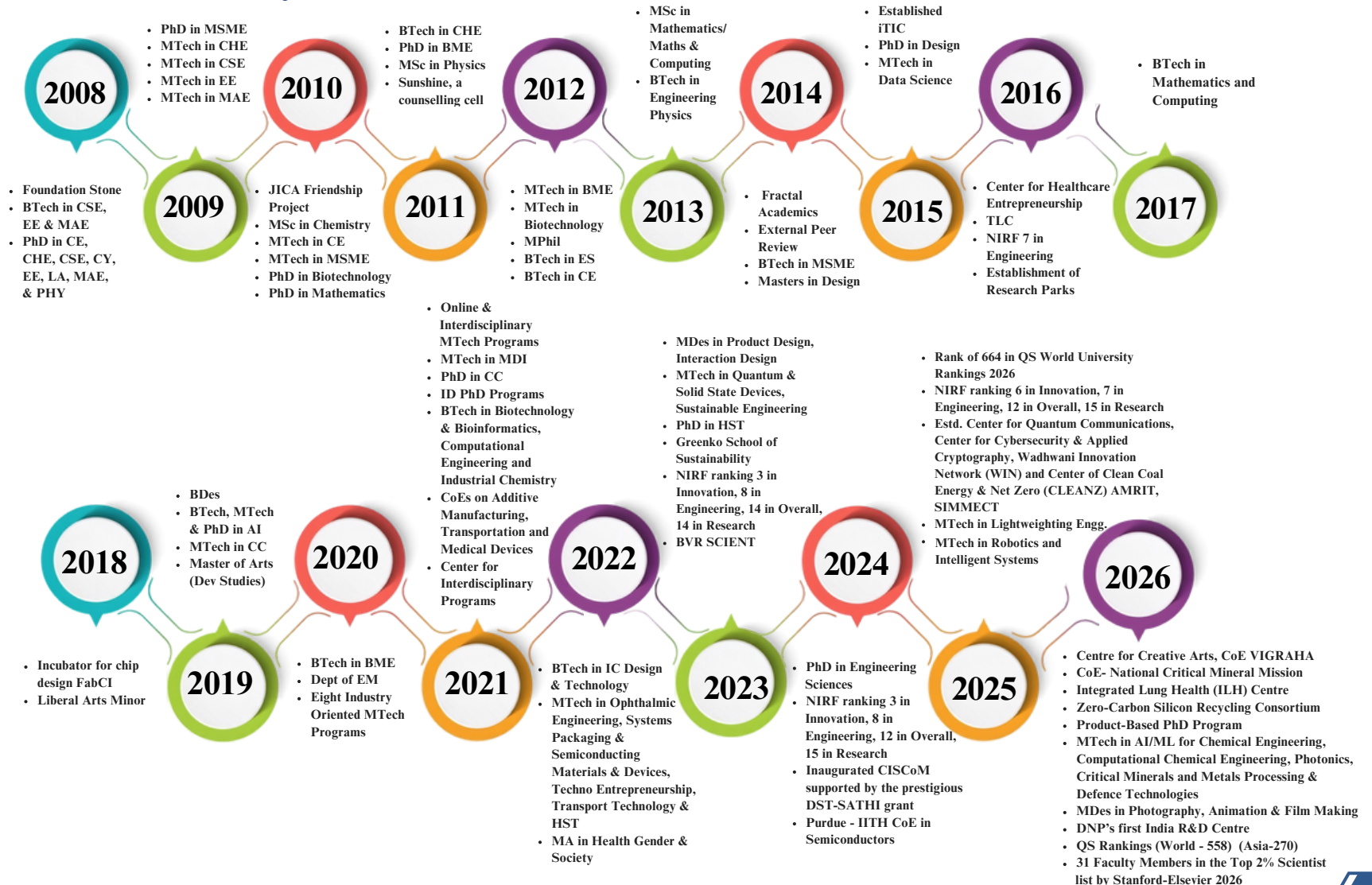
The vibrancy of IITH extends well beyond classrooms and laboratories. Events such as ELAN & nVision, the Inter-IIT Sports Meet, the IITH Half Marathon, Sundays on Cycle, international conferences, innovation competitions, and distinguished lectures by global leaders have created an intellectually stimulating and socially connected campus, fostering creativity, collaboration, and holistic development.

As we look ahead, our vision is both ambitious and purposeful. Guided by Vision 2030, IITH is steadily expanding towards a larger, greener, and globally connected research university with enhanced academic programmes, world-class research infrastructure, stronger international partnerships, and deeper societal engagement. Our aspiration is not merely to achieve higher rankings, but to build technologies, enterprises, and human capital that contribute meaningfully to Viksit Bharat, Atmanirbhar Bharat, and sustainable global development.

I extend my heartfelt gratitude to our faculty, students, staff, alumni, industry partners, government agencies, philanthropists, and collaborators whose unwavering support continues to shape the remarkable journey of IITH. Together, we will continue to advance knowledge, inspire innovation, and create technologies that serve humanity.

Prof. B. S. Murty
Director, IIT Hyderabad

IITH's Journey so far



Programs Offered

Undergraduate Programs



Bachelor of Technology:

- Artificial Intelligence
- Biomedical Engineering
- Biotechnology and Bioinformatics
- Civil Engineering
- Chemical Engineering
- Computer Science & Engineering
- Electrical Engineering
- (IC Design & Technology)
- Engineering Science
- Industrial Chemistry
- Materials Science & Metallurgical Engineering
- Mathematics & Computing
- Mechanical & Aerospace Engineering
- Engineering Physics
- Computational Engineering

Bachelor of Design

- BDes

Master of Science (MSc)

Chemistry

- Chemistry

Mathematics

- Mathematics
- Mathematics and computing

Physics

- Physics

CIP (Centre for Interdisciplinary Programs)

- Medical Physics (with Basavatkarm Oncology Inst.)

Regular MTech/MDes

Artificial Intelligence

- Artificial Intelligence

Biomedical Engineering

- Medical Sensing, Analysis & Simulation
- Nanomedicine & Biomaterials

Biotechnology

- Medical Biotechnology

Climate Change

- Climate Change

Civil Engineering

- Structural Engineering
- Environmental Engineering
- Hydraulic & Water Resource Engineering
- Geotechnical Engineering
- Transportation Engineering

Chemical Engineering

- Chemical Engineering
- AIML in Chemical Engineering
- Computational Chemical Engineering

Computer Science & Engineering

- Computer Science & Engineering
- Network & Information Security

Design (MDes)

- Visual Design
- Product Design
- Interaction Design
- Photography, Animation & Film Making

Electrical Engineering

- Communications and Signal Processing & Learning
- Microelectronics and VLSI
- Power Electronics and Power Systems
- Systems and Control

Entrepreneurship and Management

- Techno Entrepreneurship

Materials Science & Metallurgical Engineering

- Materials Science & Metallurgical Engineering
- Semiconductor Materials and Devices
- Industrial Metallurgy
- Integrated Computational Materials Engineering

Postgraduate Programs

Mechanical & Aerospace Engineering

- Mechanics and Design
- Integrated Design and Manufacturing
- Thermo-Fluid Engineering
- Aerospace Engineering
- Robotics and Intelligent Systems

Physics

- Quantum & Solid State Devices
- Photonics

CIP (Centre for Interdisciplinary Programs)

- Additive Manufacturing
- Medical Device Innovation
- Smart Mobility (with TiHAN)
- Ophthalmic Engineering (with LVPEI)
- Integrated Circuits and Microsystems Packaging
- Lightweight Engineering
- Critical Minerals and Metals Processing
- Defence Technologies

GSS (Greenko School of Sustainability)

- Sustainable Engineering
- E-Waste Resource Engineering and Management (with CMET)
- Energy Science and Technology

Online MTech/MDes Programs

Computer Science and Engg.

- Data Science

Design

- MDes by Practice

Heritage Science and Technology

- Heritage Science and Technology

Mechanical and Aerospace Engg.

- Computational Mechanics

Materials Science and Metallurgical Engg.

- Industrial Metallurgy

CIP (Centre for Interdisciplinary Program)

- Integrated Computational Materials Engineering
- EV Technology
- Critical Minerals and Metals Processing
- Defence Technologies

Master of Arts (MA)

Liberal Arts

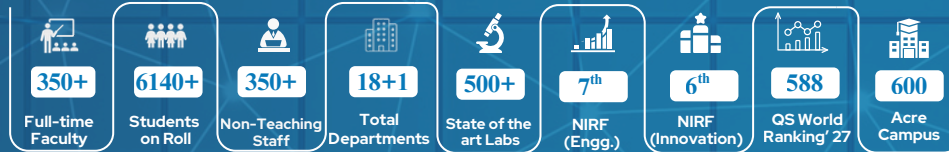
- Development Studies

PhD Disciplines

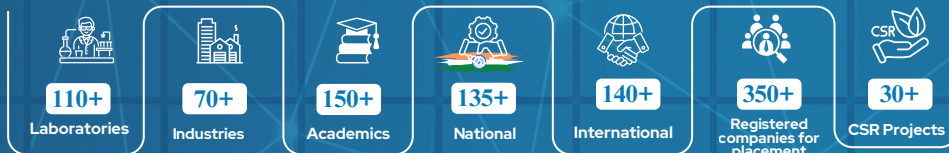
- Artificial Intelligence
- Biomedical Engineering
- Biotechnology
- Chemical Engineering
- Chemistry
- Civil Engineering
- Climate Change
- Computer Science & Engineering
- Design
- Electrical Engineering
- Engineering Science
- Entrepreneurship and Management
- Heritage Science and Technology
- Liberal Arts
- Materials Science & Metallurgical Engineering
- Mathematics
- Mechanical & Aerospace Engineering
- Physics
- Centre for Interdisciplinary Programs
- Greenko School of Sustainability
- Computational Engineering

IITH at a Glance

Academics



Collaborations



Research



Our Thrust Areas



Data as on 31/07/2026



Large Area Additive Manufacturing (LAAM): IIT Hyderabad developed India's Large Area Additive Manufacturing system for producing large metal components used in aerospace and defence, strengthening indigenous advanced manufacturing.



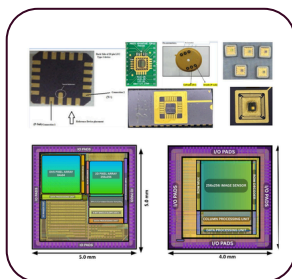
Palyanka – Medical Drone (TIHAN)
A heavy-payload autonomous ambulance drone designed to transport up to 200 kg for emergency medical evacuation, disaster relief and cargo delivery in difficult terrains.



VIGRAHA – AR/VR Defence Platform
A Centre of Excellence in AR/VR jointly established with the Indian Army for immersive simulation, defence training and research in virtual, augmented and mixed reality technologies.



DIGIPIN: IIT Hyderabad collaborated with India Post and NRSC-ISRO to develop DIGIPIN, a precise digital addressing system designed to improve location accuracy and support Digital India initiatives.



CMOS Image Sensor
Developed at IIT Hyderabad, the CMOS Image Sensor enables high dynamic range imaging for machine vision, autonomous navigation, surveillance, robotics, drones and biomedical applications.



5G/6G System-on-Chip (SoC)
An indigenous low-power System-on-Chip supporting reliable wireless connectivity for IoT applications, enabling next-generation communication systems and smart connected devices.

1. Academic Innovations:

- The first institute in India to introduce Fractal Academics, giving a lot of flexibility to students and faculty.
- Unique BTech program (Engineering Sciences) wherein students can choose their curriculum
- Industry-oriented BTech programs such as Artificial Intelligence, Biomedical Engineering, Biotechnology & Bioinformatics, Industrial Chemistry, Computational Eng. and IC Design & Technology.
- Departmental credits for BTech are limited to 60% to BTech, 5% to AI (Basic/Applied), 10% to Basic Sc/Engg, and 15% of Credits from liberal arts and creative arts, 10% free electives.
- Multidisciplinary and industry-oriented PG programs.
- Open to All Teaching (OAT) program: to open its courses to the whole world through hybrid classrooms.
- Unique departments/schools such as AI, Climate Change, Design, Liberal Arts, Entrepreneurship & Management, Heritage Science & Technology, a School of Innovation & Entrepreneurship, a School of Sustainability, Centre for Research in Education Assisted by Technologies (CREATE) and Centre for Creative Arts.

2. Industry Connect & Support to Innovation:

- Semester-long internship with 6 credits in BTech to get connected closely with the industry.
- Industry-defined MTech projects with a one-year embargo on the thesis content to be open to public.
- Minor, Double major, dual degree in entrepreneurship and an MTech Techno-Entrepreneurship through its Entrepreneurship & Management department.
- BUILD (Bold & Unique Ideas Leading to Development) student projects with a 6-credit semester break option.
- Diploma to BTech students after 2nd Year to pursue their startup dreams (Option for BTech in next 5 years).
- Industry-oriented Interdisciplinary and Online MTech programs with an exit option of Executive MTech.
- Product-Based PhD supported by Industry Partners

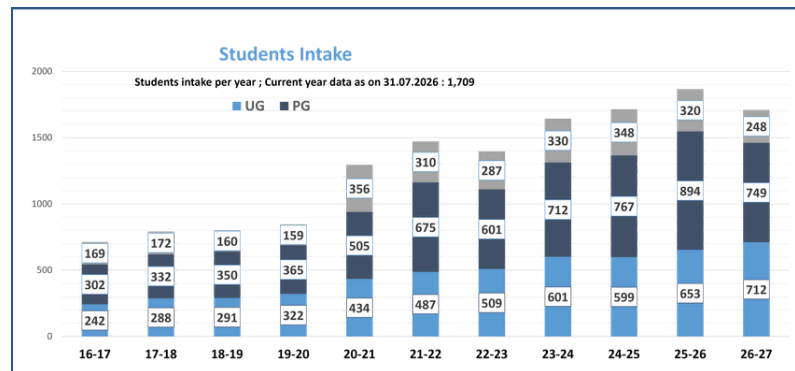
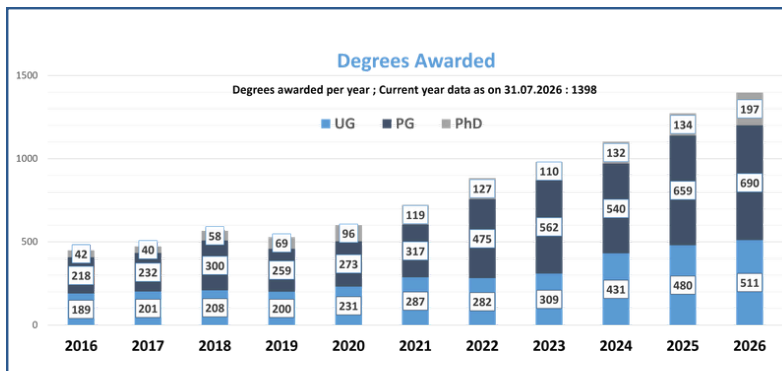
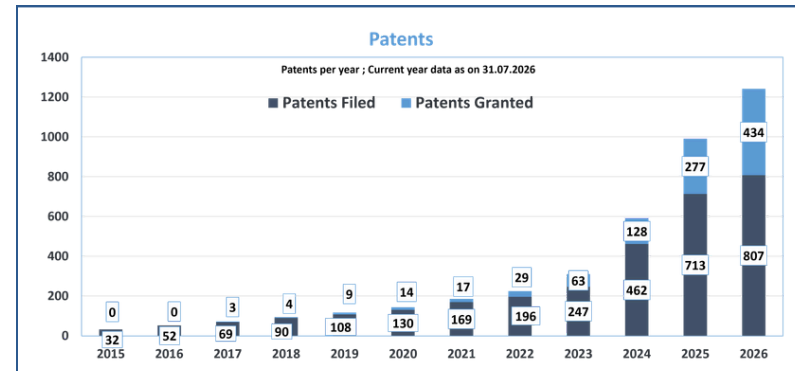
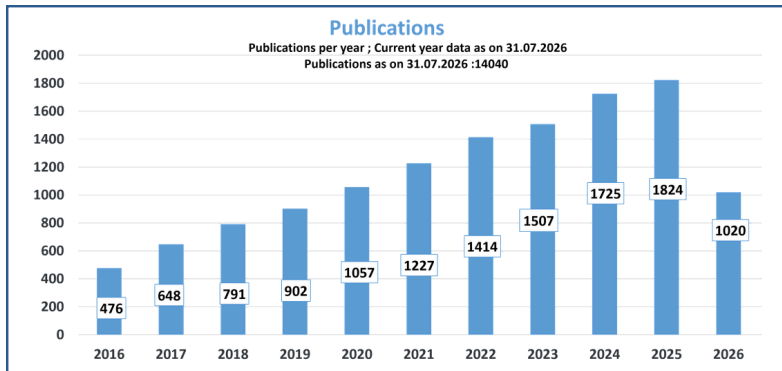
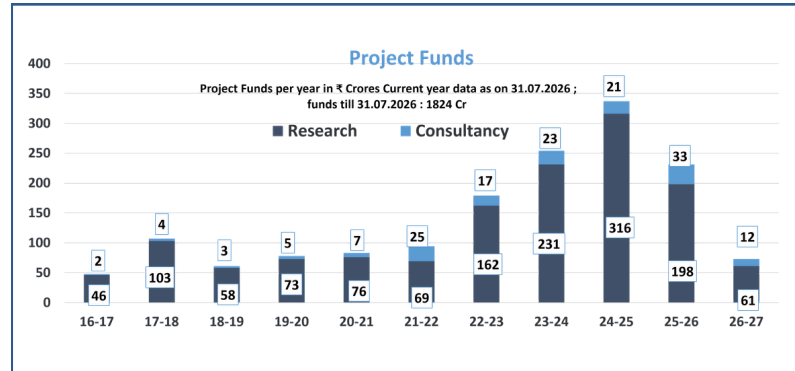
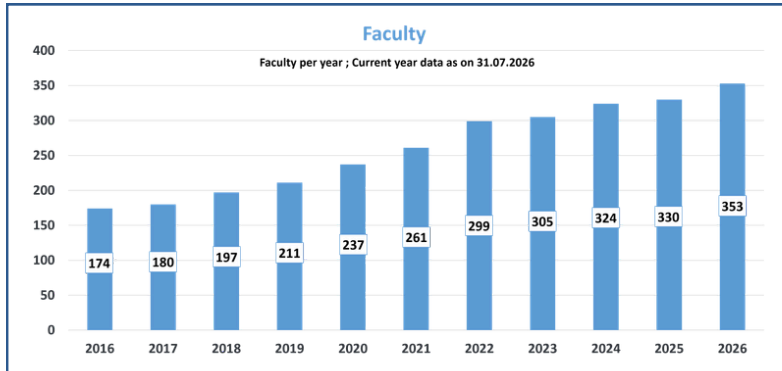
3. Research Innovations:

- First institute with an autonomous vehicle on campus since August 2023 (25,000 km and 30,000 passengers). India's First Test Bed for Autonomous Navigation.
- Leading institute in 5G/6G, Additive manufacturing, Materials characterisation, etc.
- Muscope, the world's smallest Microscope at IITH laboratory to look at the cells in microfluidic chips.
- About 30 Centres in various areas of research set up by government and industry funding.
- Technology Research Park (TRP) for industry and Technology Incubation Park (TIP) for startups, with 150,000 sq ft each.
- Joint Doctoral Program (JDP) and Jointly Supervised PhD (JSP) with several universities and Joint Research Centres with several overseas Universities/Institutes such as Purdue, Deakin, Swinburne, Monash, Shimane, and NIMS.
- Identified by JST (Japan Science Technology Agency) as a Hub for connecting Japan to India.

4. National Initiatives & Rural Development:

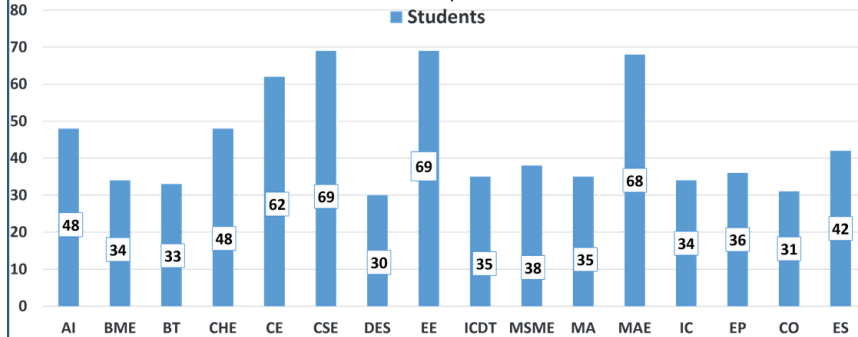
- Creating a Database of Indian Researchers abroad by IITH for the Vaibhav Summit conducted by MoE.
- Maintaining Research Scholars Database for all IITs.
- Training competent human resources in semiconductors field with support from MoE, Purdue & NTHU.
- Supporting research eco-system in India with 480+ equipment of IITH made available on I-STEM portal.
- Creating research, technology and startup culture among students of the country by enabling BTech students from 11 NITs (5 NITs from northeast) to spend their final year at IITH.
- Coordinating GIAN (Global Initiative for Academic Networking) program for the country.
- Several National Centres/Hubs such as TIHAN, 5G/6G testbeds, SITHI-CISCOm, CLEANZ, CoE on Critical Minerals, Heritage Science & Technology, Medical Devices, etc.
- RDC and MSME Skill Development Centre to train school Children and upskill rural youth.

Academics & Research



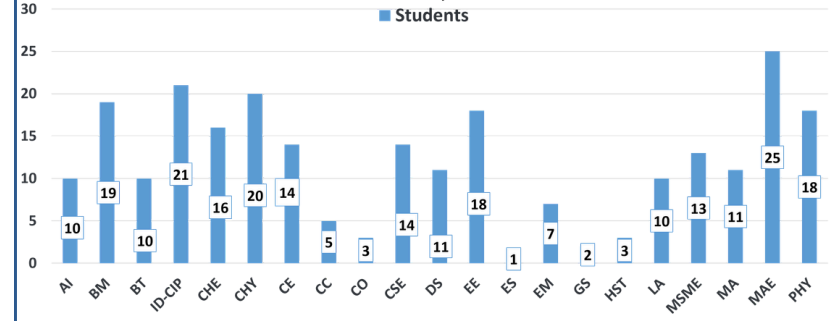
Department wise UG Students Intake

UG Students Intake for the year 2026-27 as on 31.07.2026 :712



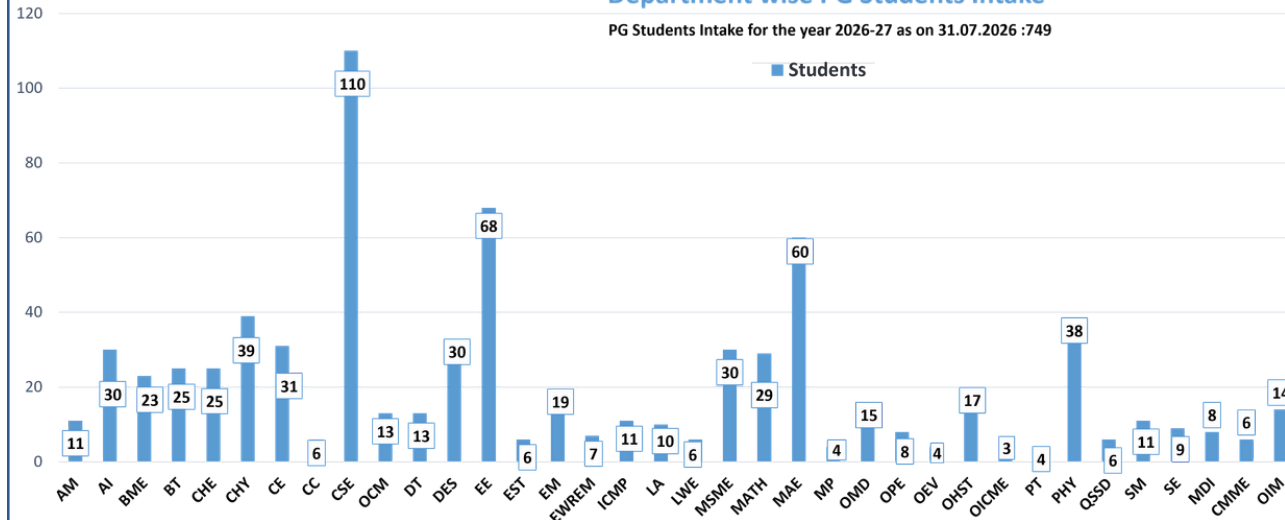
Department wise PhD Students Intake

PhD Students Intake for the year 2026-27 as on 31.07.2026:248



Department wise PG Students Intake

PG Students Intake for the year 2026-27 as on 31.07.2026 :749



AM	Additive Manufacturing
AI	Artificial Intelligence
BME	Biomedical Engineering
BT	Biotechnology
CHE	Chemical Engineering
CHY	Chemistry
CE	Civil Engineering
CC	Climate Change
CSE	Computer Science & Engineering
OCM	Online Computational Mechanics
DT	Defence Technologies
DES	Design
EE	Electrical Engineering
EST	Energy Science and Technology
EM	Entrepreneurship and Management
EWREM	E-Waste Resource and Engineering Management
ICMP	Integrated Circuits and Microsystems Packaging
LA	Liberal Arts
LWEE	Lightweighting Engineering
MSME	Materials Science and Metallurgical Engineering
MATH	Mathematics
MAE	Mechanical & Aerospace Engineering
MP	Medical Physics
OMD	Online MDes by Practice
OPE	Online Ophthalmic Engineering
OEV	Online EV Technology
OHST	Online Heritage Science & Technology
OICME	Integrated Computational Materials Engineering
PT	Photonics
PHY	Physics
QSSD	Quantum & Solid State Devices
SM	Smart Mobility
SE	Sustainable Engineering
MDI	Medical Device Innovation
CMME	Critical Minerals and Metals Processing
OIM	Online Industrial Metallurgy

Books Published



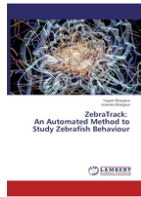
Dr Rekha Raja
Dept of AI



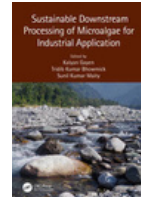
Dr Falguni Pati
Dept of BME



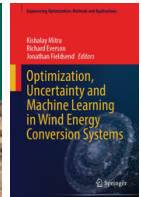
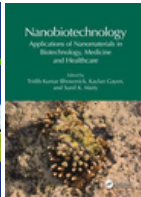
Dr Sikandar Shaikh
Dept of BME



Prof Anamika Bhargava
Dept of BT



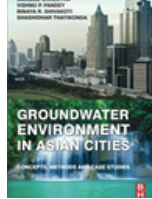
Prof Sunil K Maity
Dept of CHE



Prof Kishalay Mitra
Dept of CHE



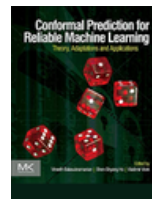
Prof Sudarsanam Putla
Dept of CHE



Prof T Shashidhar
Dept of CE



Dr Chandrasekharam D
Dept of CE



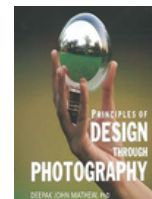
Prof Vineeth N B
Dept of CSE



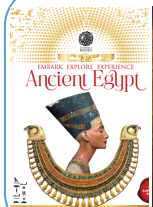
Dr Ramakrishna Upadrashta
Dept of CSE



Dr Rogers Mathew
Dept of CSE



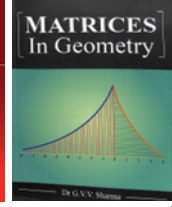
Prof Deepak John Mathew
Dept of Design



Prof Ankita Roy
Dept of Design



Prof Uday B. Desai
Dept of EE



Dr G.V.V. Sharma
Dept of EE

Books Published



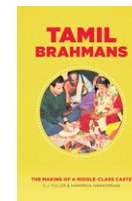
Dr Amrita Datta
Dept of LA



Dr Anindita Majumdar
Dept of LA



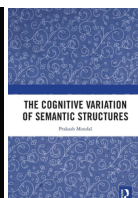
Dr Chandan Bose
Dept of LA



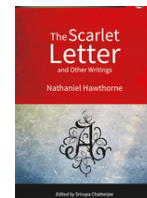
Dr Haripriya Narasimhan
Dept of LA



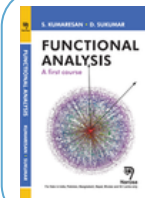
Dr Prakash Mondal
Dept of LA



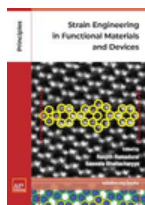
Dr Shubhita Bhattacharjee
Dept of LA



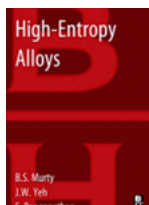
Dr Sriprata Chatterjee
Dept of LA



Prof Sukumar D
Dept of Maths



Prof Ranjith Ramadurai
& Prof Saswata Bhattacharyya
Dept of MSME



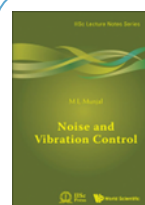
Prof B S Murty
Dept of MSME



Prof B S Murty &
Prof. P P Bhattacharjee
Dept of MSME



Prof Chandra S Sharma &
Dr Mudrika Khandelwal
Dept of CHE & MSME



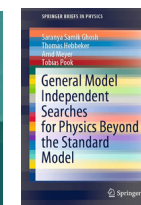
Prof B Venkatesham
Dept of MAE



Dr Mahesh M S
Dept of MAE



Prof Prem Pal
Dept of PHY

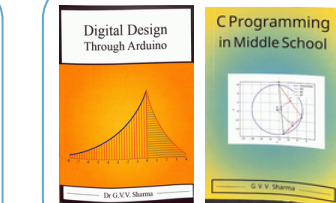


Dr Saranya S Ghosh
Dept of PHY

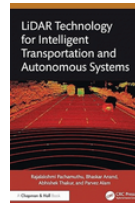
Books Published



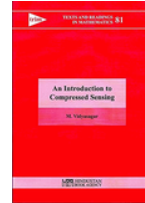
Prof. Narasimha Mangadoddy
Dept of CHE



Dr. G.V.V. Sharma
Dept of EE



Prof. P. Rajalakshmi
Dept of EE



Prof. Vidyasagar M.
Dept of EE



Prof. G. Narahari Sastry
Dept of BT



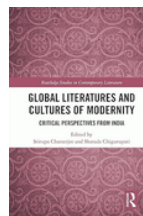
Prof. C. Krishna Mohan
Dept of CSE



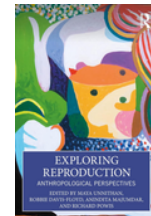
Dr. Rashmi Singh
Dept of LA



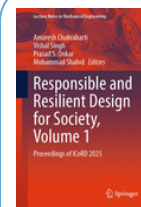
Dr. Shubha Ranganathan
Dept of LA



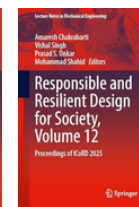
Dr. Srirupa Chatterjee
Dept of LA



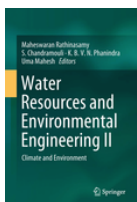
Dr. Anindita Majumdar
Dept of LA



Dr. Prasad S. Onkar (Vol 1-12)
Dept of Design



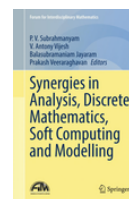
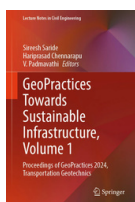
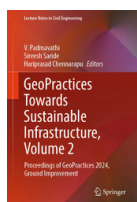
Dr. Konda Reddy Mopuri
Dept of AI



Dr. Maheswaran Rathinasamy, Prof. Phanindra, K. B.V.N.
Dept of CE



Prof. Sireesh Saride
Dept of CE



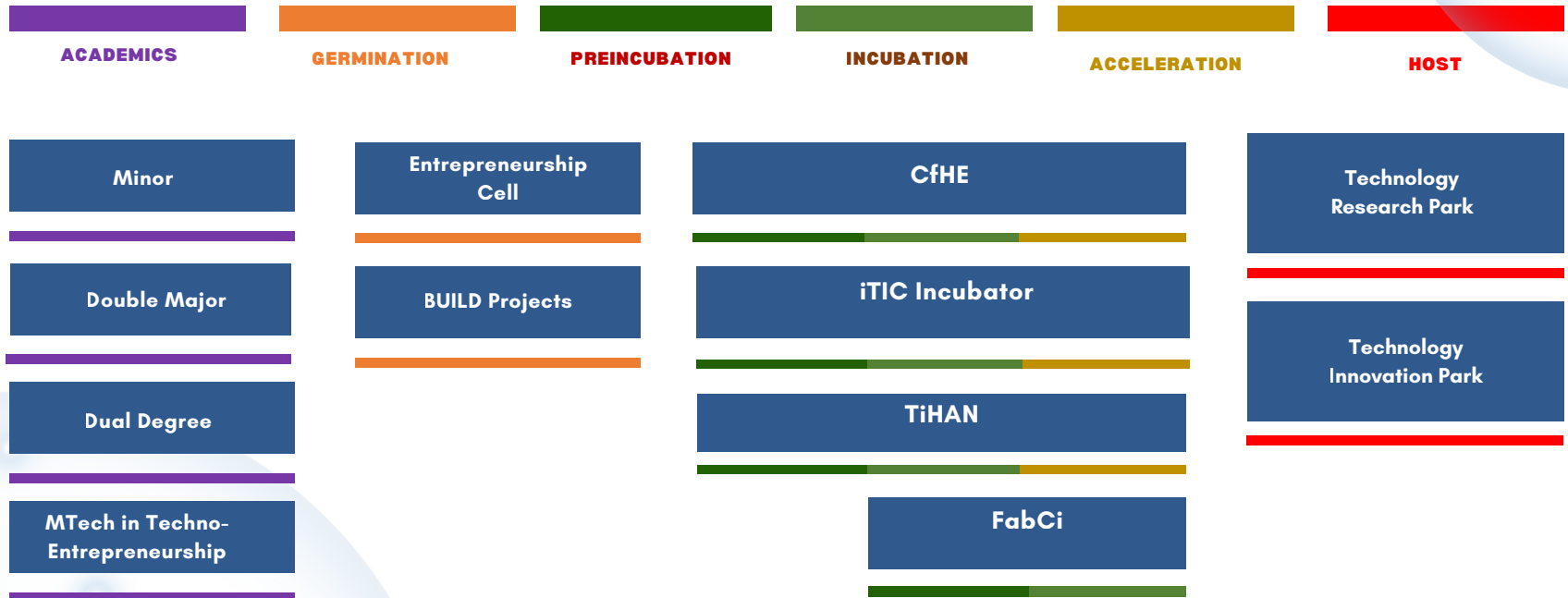
Prof. Balasubramaniam Jayaram
Dept of MATH



Prof. Ashok Kumar Pandey, Prof. Prem Pal,
Dept of PHY

Innovation at IITH

IITH Entrepreneurship Ecosystem



Center for Healthcare Entrepreneurship
For Details, Visit: <https://cfhe.iith.ac.in/>

i-TIC Foundation
For Details, Visit: <https://itic.iith.ac.in/>

NMICPS TiHAN Foundation
For Details, Visit: <https://tihan.iith.ac.in/>

Fabless Chip Design Incubator (FabCi)
For Details, Visit: <http://fabci.iith.ac.in/>

Technology Research Park
For Details, Visit: <https://trp.iith.ac.in/>

Board of Governors



Chairman
Dr B V R Mohan Reddy
Founder Chairman and
Board Member of Cyient Limited



Member (Central Govt nominee)
Smt Saumya Gupta, (IAS)
Joint Secretary to Govt.
Dept. of Higher Education
Ministry of Education



Ex-Officio Member
Prof B S Murty
Director, IIT Hyderabad



Member (State Govt nominee)
Dr Yogita Rana, (IAS)
Principal Secretary to Govt. of
Telangana, Education Department



Member
Prof Vinod Krishan
Senior Professor & Dean
Indian Institute of Astrophysics



Member, Senate Nominee
Prof K Siva Kumar
Professor, Department of Electrical
Engineering, IIT Hyderabad



Member
Dr Prema Ramachandran
Director
Nutrition Foundation of India



Member, Senate Nominee
Prof Vinod M Janardhanan
Professor, Department of Chemical
Engineering, IIT Hyderabad



Member
Prof M Lakshmi Kantam
Professor, Institute of Chemical
Technology Mumbai



Secretary
Shri V Venkat Rao
Registrar, IIT Hyderabad

Deans



Ashok Kumar Pandey Dean
(Academic)



Prof Prem Pal
Dean (Administration)



Prof Mahendrakumar Madhavan
Dean (Alumni & Corporate Relations)



Prof Sushmee Badhulika
Dean (Faculty)



Prof. Arabinda Halder
Dean (Innovation, Translation &
Startups)



Prof Tarun Kanti Panda
Dean (International Relations)



Prof Munwar B Basha
Dean (Planning)



G Narahari Sastry
Dean (Sponsored Research &
Consultancy)



Prof Prasanth Kumar R
Dean (Students)



Prof Bheemarjuna Reddy Tamma
Dean (Digital Transformation)



Dr. Pradeep Kumar Yemula
Associate Dean (Planning)

Distinguished Professors



Prof Abhay Deshpande
Distinguished Professor, Physics and Astronomy, Stony Brook University



Dr Bayya Yegnanarayana
INSA Senior Scientist, International Institute of Information Technology



Prof Amba Kulkarni
University of Hyderabad, Distinguished Professor, Department of Heritage Science & Technology



Prof Jun Murai
Professor & Dean of Graduate School of Media and Governance Keio University, Japan



Prof James Francis Antaki
Professor, Cornell Engineering, USA



Dr Mallikarjun Tatipamula
Chief Technology Officer, Ericsson Silicon Valley, USA



Dr Paresh Kumar Narayan
Professor, Monash Business School Monash University, Australia



Prof Nemkumar Banthia
University Killam Professor, The University of British Columbia, Canada



Dr Omkaram Nalamasu
CTO and Senior Vice President Applied Materials, USA



Prof Pramod K Nayar
Senior Professor, UNESCO Chair in Vulnerability Studies, Dept of English, UIH



Dr Saraswat V K
Member of NTI Aayog & Scientific Adviser to Defence Minister, GoI



Prof Seeram Ramakrishna
Mechanical Engineering National University of Singapore



Prof Shekhar C Mande
Distinguished Professor, Bioinformatics Centre, Savitribai Phule Pune University, Pune.



Dr Vidyasagar M, FRS
SERB-National Science Chair, India



Prof Chennupati Jagadish
Australian National University, University Killam Professor, The Department of MSME



Prof Harish Chandra Verma
IIT Kanpur, Distinguished Professor, Department of Physics



Dr Padma Subramanyam
Padma Vibhushan, Distinguished Professor, Center for Creative Arts



Smt. Radha Reddy
Indian Kuchipudi Dancer, Distinguished Professor Department of Liberal Arts



Smt. Sudha Ragunathan
Padma Bhushan, Distinguished Professor, Center for Creative Arts



Sri Raja Reddy
Padma Bhushan, Indian Kuchipudi Dancer, Distinguished Professor, Center for Creative Arts



Dr L. Subramaniam
Padma Vibhushan, Distinguished Professor, Center for Creative Arts



Prof Suresh Bhargava
Order of Australia, Distinguished Professor Department of Chemical Engineering



Dr Sanjay Mathur
Director, Institute of Inorganic Chemistry, University of Cologne, Germany



Dr Uma Sharma
Padma Bhushan, Kathak Dancer, Distinguished Professor, Centre for Creative Arts



Prof Vinod Tare
Centre for Ganga River Basin Management & Studies (cGanga), IIT Kanpur, Distinguished Professor, Department of Climate Change



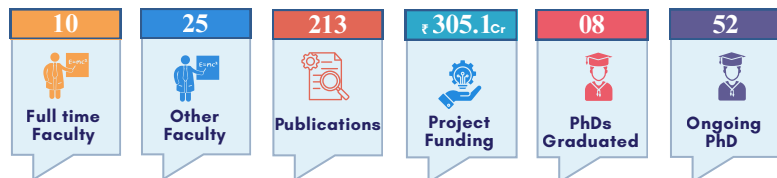
Vishwa Mohan Bhatt
Padma Bhushan, Distinguished Professor, Centre for Creative Arts



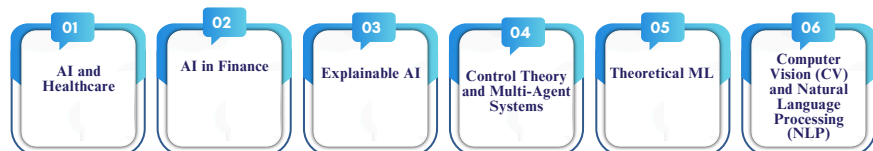
Prof Rafal E Dunin-Brokowski
Ernst Ruska-Centre for Microscopy and Spectroscopy with Electrons, Germany Distinguished Professor, Department of MSME

Artificial Intelligence

For more details, visit: <https://ai.iith.ac.in>
Email id: head@ai.iith.ac.in



Thrust Areas



Highlights

- India AI Impact Summit 2026 Pre-Summit Event in January 2026
- Department launched a unique certification program on Cyber-AI in collaboration with Mindgraph
- Conducted an Ideathon on AI Day 2025
- Publications at top-tier AI venues: NeurIPS, ICML, CVPR, ECCV, ACL, AAMAS, TMLR, etc.
- Center of Excellence on Sustainable Infrastructure (Project AiSwARYAM)



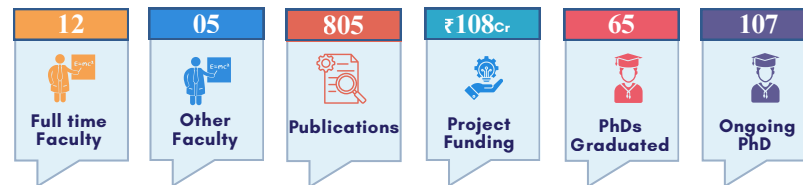
Major Facilities

- In-house Data Center provides a robust, high-performance computing ecosystem with 30+ servers
- India's first and only NVIDIA AI Technology Center (NVAITC)

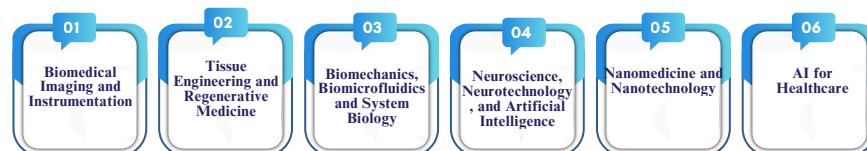


Biomedical Engineering

For more details, visit: <https://bme.iith.ac.in/>
Email id: head@bme.iith.ac.in



Thrust Areas



Highlights

- Prof. Falguni Pati's team secured the ICMR First-in-World Challenge Research Grant for the clinical translation of a 3D bioprinted cornea for partial keratoplasty.
- Dr. Avinash Eranki's MURL reported progress on India's first image-guided HIFU device for non-invasive tumour treatment.
- Dr. Nagarajan Ganapathy's MinDH Lab joined ISRO's HOPE Analog Mission for AI-enabled mental health and physiological monitoring.
- Prof. Subha Narayan Rath received the Faculty Research Excellence Award (Engineering Category, Above 40 Years), alongside five faculty promotions across the department. Bilateral Bioengineering Center of Excellence for Lung Health with Justus Liebig University Giessen assembled during 2025, inaugurated at IITH on 7 January 2026.

Major Facilities

- MicroCT
- In Vivo Imaging System
- CryoSEM
- HIFU System

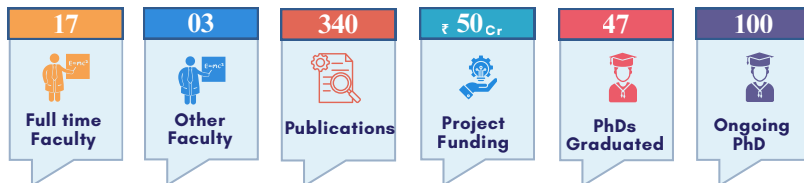


HIFU System

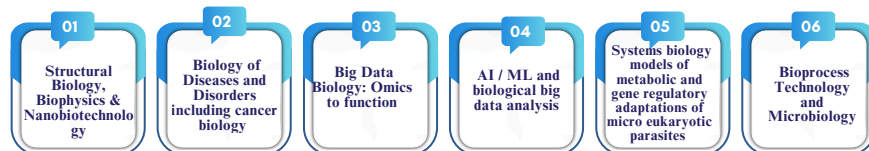
Biotechnology

For more details, visit: <https://biotech.iith.ac.in>

Email id: head@bt.iith.ac.in



Thrust Areas



Highlights

- Dr. Rahul conducted 5-day online workshop on "Computational Methods in Advanced & Precision Oncology" (7-11th April 2025)
- Dr. Anamika Bhargava conducted a Workshop: Pharma and Biopharma (08th August 2025)
- Dr. Gunjan Mehta organized first International Conference cum Workshop on Single-Molecule Biophysics (SimBio2026) (January 2026).
- Student awards: Ms. Harshita Bansal got DAAD KOSPIE Scholarship for research visit to TU Darmstadt, Germany for 6 months, Ms. Akriti Kumari got Best Poster Award at the India Yeast Meeting 2025, Ms. Sumona Garg got Best Poster Award (X SEEC 2025), Ms. Sumona Garg got (GYTI-2024) Appreciation Award, Ms. Saanya Yadav got Mehta Rice Engineering Scholarship 2025

Major Facilities

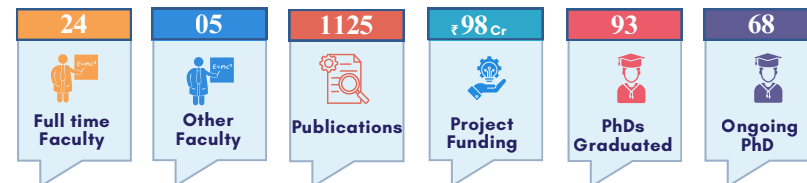
- Ion Channel Assay System
- BD FACS Melody TM Cell Sorter
- CD Polarimeter
- Microscale Thermophoresis
- Octet K2 (Bio-layer Interferometry)
- Mosquito Robotic Liquid Handling System
- Fast Protein Liquid Chromatography (FPLC)
- High-performance liquid chromatography (HPLC)
- Isothermal Titration Calorimeter
- Spectramax-Microplate Reader
- Cell Analyzer
- Upright Fluorescence Microscope
- Real Time PCR
- Multimode Plate Reader
- Cell Imaging System
- Molecular Imager Chemidoc
- Isoelectric Focusing Unit



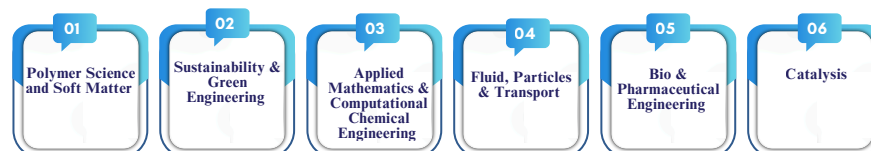
Chemical Engineering

For more details, visit: <https://che.iith.ac.in>

Email id: head@che.iith.ac.in



Thrust Areas



Highlights

- Extended study of a new shear-thinning fluid model that mimics a class of viscoplastic materials
- Developed software to reproduce the homing signal of a naval torpedo using trial data
- Developed first-principles and Large Eddy Simulation (LES)-based models and integrated Bayesian Optimization (BO) for catalyst design and accelerated materials discovery.
- From Kachchh to Mars: Towards Self-Sustaining Energy Systems for Mars.

Major Facilities

- Horiba Labram HR Evolution Confocal Raman Spectrometer
- Optical Tweezers
- HR- Powder XRD
- Leica SP8 Confocal Microscopy
- Microwave Plasma Atomic Emission Spectrometer (MP-AES)
- Dynamic Light Scattering (DLS)
- Differential Scanning Calorimetry



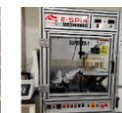
BET Analyzer (Micromeritics ASAP 2020)



Leica SP8 Confocal Microscope



Fixed Bed Reactor



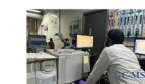
Electrospinning



Electrochemical Workstation



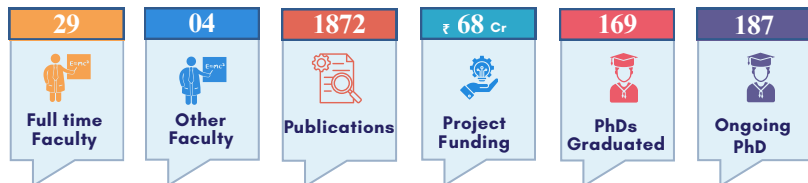
HPLC



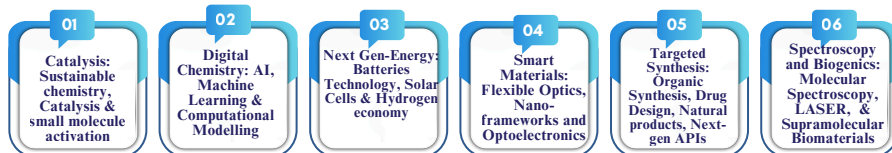
Chemistry

For more details, visit: <https://chemistry.iith.ac.in>

Email id: head@chy.iith.ac.in



Thrust Areas



Highlights

- Development of NMC-811 cathodes for LIBs (TRL 3-4) and NASICON-type NVOF cathodes for SIBs (TRL 3)
- Total synthesis of Natural products
- Spin-controlled electrocatalysis
- Commercialization of fluorinated heterocyclic building blocks
- Design of new materials for energy and catalysis areas using AI-enabled molecular simulations
- Next-generation photonic and optoelectronic devices
- Development of Flexible molecular crystals
- Sustainable glycosylation strategies and glycopolymer synthesis
- Development of transition-metal-based anticancer metalodrugs

Major Facilities

- Nuclear Magnetic Resonance (NMR) Spectroscopy, Differential Scanning Calorimetry (DSC) & Thermogravimetric Analysis (TGA), Electrochemistry and Battery Equipment, Electron Spin Resonance (ESR) Spectrometer, High-Resolution Mass Spectrometry (HR-MS), Cryostat, High-Pressure Liquid Chromatography (HPLC), Laser Spectroscopy Facility.



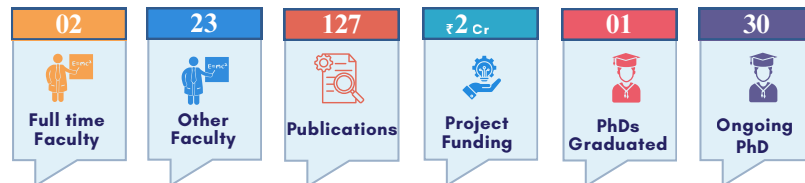
Electrochemistry and battery equipment



Climate Change

For more details, visit: <https://cc.iith.ac.in>

Email id: head@cc.iith.ac.in



Thrust Areas



Highlights

- MoU with UNU -CRIS
- MoU with ICAR-IIRR (ICAR-Indian Institute of Rice Research, Hyderabad)
- One Patent - Ambika S, Antara Roy, Pollution and health – An App for decision Making, Patent Application no: 202541026338 (Filed).

Major Facilities

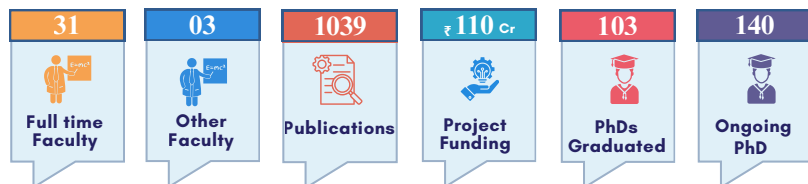
- Computation Facility 3 Servers provided.
- Two servers, 192 core AMD EPYC 9654 processor
- One server, GPU intel xeon 16 core processor.



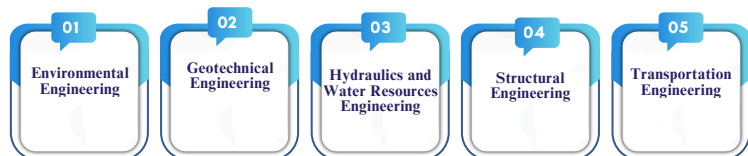
Civil Engineering

For more details, visit: <https://civil.iith.ac.in>

Email id: head@ce.iith.ac.in



Thrust Areas



Highlights

- Experimental and computational studies on hydraulics, hydrology, remote sensing, and irrigation engineering

Major Facilities

- Open-Path Eddy Covariance Flux Tower
- Borehole Video Camera
- Open Channel Flume
- River Surveyor, Terrameter
- Advanced Computational facility

Open Path Eddy Covariance Flux Tower



Inverted Research Microscope



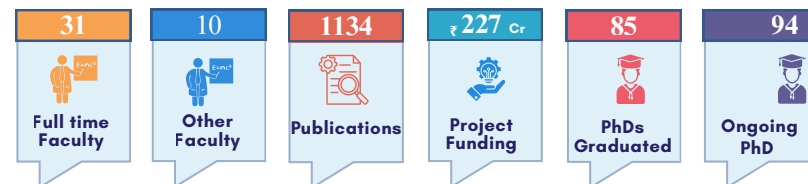
Open Channel Flume



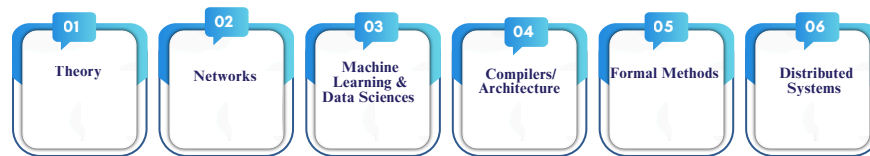
Computer Science & Engineering

For more details, visit: <https://cse.iith.ac.in>

Email id: head@cse.iith.ac.in



Thrust Areas

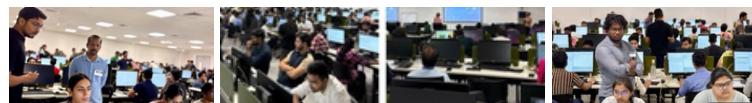


Highlights

- Conducted the AI on ARM Platforms and Research Opportunities in Computer Architecture (ROCA) workshops.
- Hosted major technical events, including INAE CEEE 2026, ACM India Annual Event 2026, and Cryptology Conclave 2026.
- Organized advanced training programs, including Linux and Systems Security Bootcamp 2026 and 5G Security Bootcamp, under ISEA Phase III
- Historic achievement as the CSE team qualified for the ICPC World Finals 2026 for the first time.
- Launched the Professional Certificate Program in AI & Emerging Technologies in collaboration with TalentSprint to empower professionals in advanced digital technologies
- Expanded academic excellence with the addition of five new faculty members during the last year

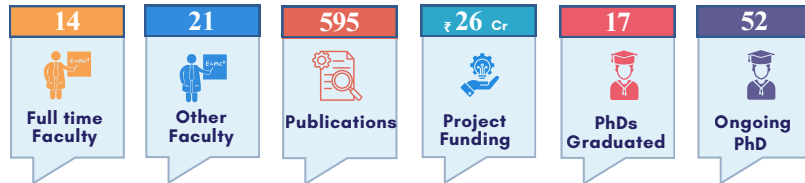
Major Facilities

- High-Performance Computing (HPC) Cluster with SLURM for AI/ML and scientific computing.
- OpenStack-based Private Cloud infrastructure for scalable computing resources.
- MAAS-enabled Bare-Metal Provisioning for automated system deployment.
- Advanced Storage Infrastructure featuring NAS, Ceph, and Lustre storage systems.
- High-Speed Networking infrastructure for data-intensive research.
- Learning Management System (LMS) and In-House ERP for academic and administrative operations.
- Zero-Touch Provisioning and Laboratory Resource Management System for efficient infrastructure management.
- Modern teaching laboratories with 270+ high-performance computing workstations supporting AI, Data Science, Systems, and Programming.

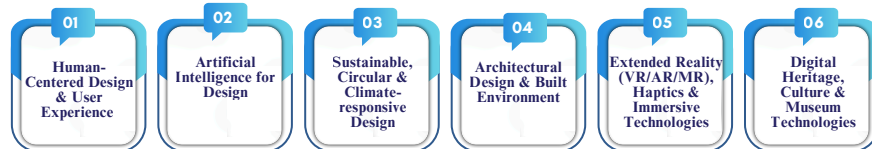


Design

For more details, visit: <https://design.iith.ac.in>
Email id: head@des.iith.ac.in



Thrust Areas



Highlights

- ServeDes 2025
- ICoRD 2025
- DoDCon 2025
- Ayaam 2026
- Design Odyssey 2026
- Department of Design, IITH & MIT WPU University Immersion Program 2026
- Innovation: AhaarVikram (Economical Solar Cooker) and Vegetable Dryer for Preservation (Rythu Bazaar Project)
- Digital Preservation/Conservation of Telangana indigenous architecture, North East Indian indigenous habitat, Kashi tangible heritage, Ramappa Temple and Warangal Fort, etc.
- Design students Designed The N-Gen Post Office at @ IITHyderabad, marking a significant step towards modern, digital, and citizen-centric postal services on campus
- Design concluded its 7th cohort of PG certificate program in Visual Design and User Experience with the final review and valedictory ceremony at the IIT Hyderabad campus
- Uncharted Paths Talk

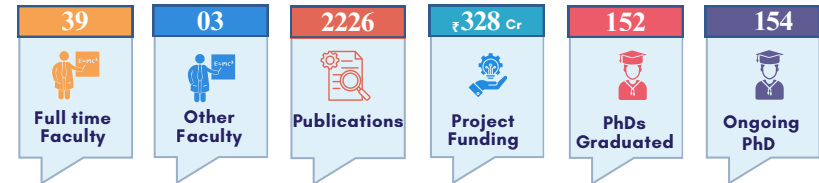
Major Facilities

- Rapid Prototyping Lab (Wood/Metal)
- Digital Heritage Lab
- Design for Sustainability Lab
- Design Innovation Centre
- Center of Design Excellence
- Interactive Digital Reality Application Lab
- Graphos Studio
- Space Design Lab
- Large/Medium Format Printing and Publication Lab
- VR-Cave
- 3d Printing/Laser Lab
- Animation Studio
- Film and Audio Lab
- Photography Studio

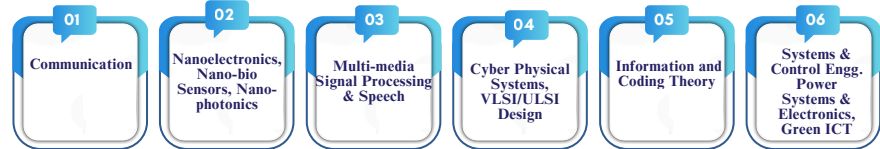


Electrical Engineering

For more details, visit: <https://ee.iith.ac.in>
Email id: head@ee.iith.ac.in



Thrust Areas



Highlights

- Academic Collaboration with Renesas, Micron India
- International Collaborative workshops on Semiconductor manufacturing with Purdue University, USA and National Tsing Hua University (NTHU), Taiwan
- Skill development program in chip design with TCS
- Deployment of Indigenous 5G gNB solution for FWA connectivity in India
- Transfer of Technology of Autonomous campus shuttle to Enertech Pvt. Ltd.
- Transfer of Technology of tethered drone to ATL technologies Pvt. Ltd.

Major Facilities

- Microscope Based Fluorescence Lifetime System
- CRETEC CABL-9500C Electron Beam Lithography
- Silicon Etch System Using XEF2
- Mask Aligner
- PECVD System



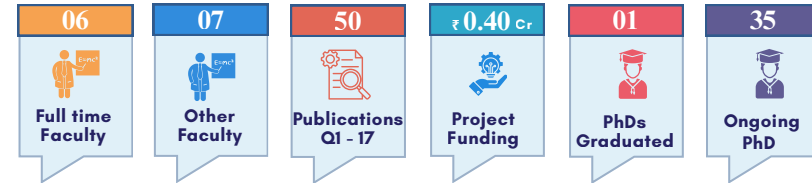
Plasma Asher



Entrepreneurship & Management

For more details, visit: <https://em.iith.ac.in>

Email id: head@em.iith.ac.in



Thrust Areas



Highlights

- Co-organized the Innovation Day 2026 and the national inter-IIT undergraduate innovation meet, RISE@IITS
- 6-day Deep Tech Entrepreneur Spirits Program in collaboration with Kyoto University, Japan
- Tongali Project – Student startup founders from Japan engaged in a series of activities
- focused on entrepreneurship, collaboration, and knowledge exchange
- Workshop on “Ideation to Scaleup: Navigating Operational Challenges”
- 7-Day Faculty Development program on Advanced Research Methodologies



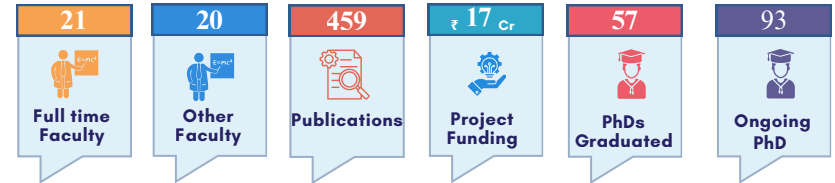
Major Facilities

- Consumer Research and Neuromarketing Lab
- Decision Analytics Lab
- Entrepreneurship and Startup Lab
- Financial Management Lab
- Strategy and Competitiveness Lab

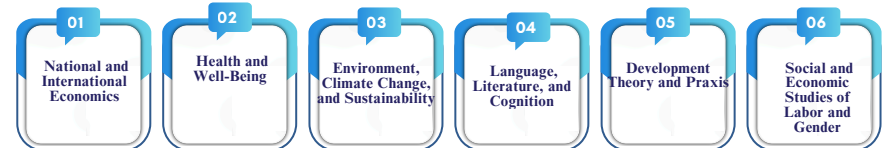
Liberal Arts

For more details, visit: <https://la.iith.ac.in>

Email id: head@la.iith.ac.in



Thrust Areas



Highlights

- Establishment of the Centre for Creative Arts; 14 Padma awardees Other as distinguished faculty
- Film Festival **कामेरा** on Gender and Labour organized by Dr. Aardra Surendran
- Organization of Department Day in March 2026 led by Dr. Chandan Bose
- Documentaries: Bagaal, Gyur Sa (Dr. Rashmi Singh)
- Student Engagement: Visit from Premia Academy; Summer Workshop, Why Liberal Arts?
- Masterclass on Impact Evaluation (Prof. Mahati Chittam, Dr. Gaurav Dhamija)



Major Facilities

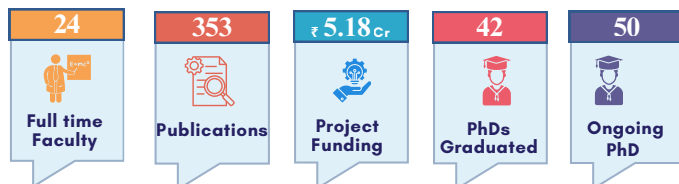
- Cognitive Science –
 - Transcranial Magnetic Stimulation (TMS) System,
- Development Studies
 - STATA Software
- LINGUISTICS
 - 2-channel electroglottograph (EG2 PCX)
- ECONOMETRICS LAB
 - R Studio Software



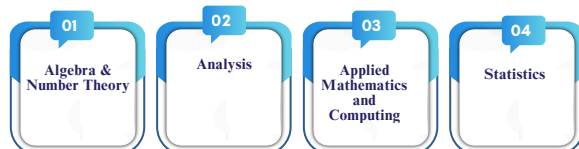
Mathematics

For more details, visit: <https://math.iith.ac.in>

Email id: head@math.iith.ac.in



Thrust Areas



Highlights

- Constructed and studied C^* -algebras associated with analytic functions on various domains.
- In the context of wind-driven Ekman flows, which are central to geophysical fluid dynamics, we established the long-wave instability, thereby uncovering a new instability mechanism.
- The 4th International Conference on Recent Advances in Applied Mathematics (RAAM 2026) organised as an annual global forum bringing together researchers, academicians, and young scholars to discuss the latest developments in Applied Mathematics.

Major Facilities

- Computational Mathematics Laboratory – High-performance workstations with MATLAB, Mathematica, Python libraries
- Graduate Research Zones – Dedicated spaces for PG and PhD research.



Conference on Data-driven Statistical Decision Making (CDSDM 2026)

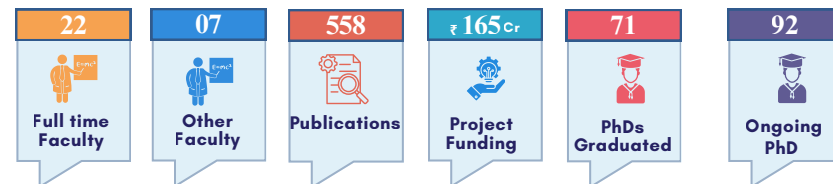


Annual Foundation School-II at IIT Hyderabad

Materials Science & Metallurgical Engg

For more details, visit: <https://msme.iith.ac.in>

Email id: head@msme.iith.ac.in



Thrust Areas



Highlights

- Design and development of high-entropy alloys/complex concentrated alloys and intermetallics, creep-resistant steels, superalloy welds, advanced Ti-alloys and Ni-base superalloys for Defence, aerospace, automotive, energy and naval sectors.
- Development of advanced structural materials through additive manufacturing processes such as laser powder bed fusion (LPBF) and electron beam powder bed fusion (EBPBF).
- Development of advanced functional materials and devices, including multiferroics, functionalized 2D materials, spintronic materials/devices, printed and flexible electronics, sensors, thermoelectrics, nanostructures for plasmonics, electrocatalysts and sustainable bacterial cellulose-based materials.
- Sustainable energy and environmental materials research, including carbon capture, clean-coal technologies, hydrogen generation, storage and transport thermoelectrics for waste-heat management and catalytic materials.
- Non-ferrous extractive metallurgy, recycling of Li-ion batteries, hydrometallurgical extraction, and sustainable recovery of critical metals and rare earth elements from secondary resources.

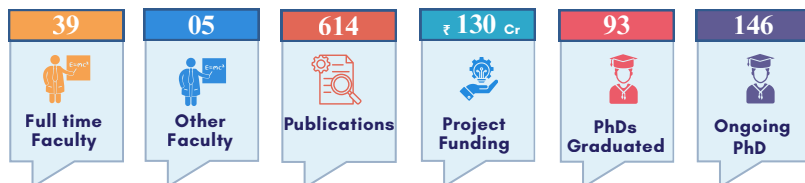
Major Facilities

- Transmission and Scanning Electron Microscopes, Focused Ion Beam facility, UV-Vis and Raman spectroscopy.
- Advanced additive manufacturing facilities - laser powder bed fusion and electron beam powder bed fusion.
- High-temperature mechanical testing facilities including creep, fatigue and thermomechanical testing.
- Thermomechanical Physical Simulator / Gleeble facility being established through DST-FIST support.
- Thin-film and powder XRD, AFM, Nanoindenter, CVD, Sputtering, PLD, Thermal Evaporator and PPMS.
- Semiconductor parameter analyzer, inkjet printer, and extrusion-based printer for functional materials and devices.
- Water Models for BOF, EAF and Ladle metallurgy, Hydrometallurgy,
- E-waste recycling, magnet recycling, solar cell recycling, electrochemical materials processing,
- Thermo-Calc Software, VASP, open-source phase-field modelling software MicroSim and GPU-accelerated computational materials.

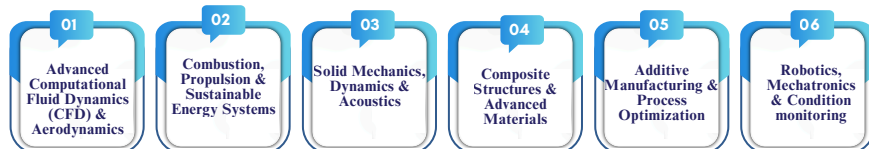
Mechanical & Aerospace Engg

For more details, visit: <https://mae.iith.ac.in>

Email id: head@mae.iith.ac.in



Thrust Areas



Highlights

- Unified Department Structure: The department strategically combines Mechanical and Aerospace Engineering into a single, cohesive unit to maximize interdisciplinary research.
- High-Impact Industrial Synergies: MAE drives a massive volume of sponsored research through active partnerships with premier national agencies and corporations
- Strong Technology Translation Capabilities: The department actively bridges fundamental research and commercial application, securing multiple patents for bringing functional prototypes from the lab to production lines.
- Engaged in Futuristic Technology Development
- Custom Testing Infrastructure: It utilizes specialized, internally built experimental setups
- Flexible and Hands-on Curriculum: Utilizing IITH's atomized Fractal Academics model, students can dive into niche, advanced specializations, and hands-on projects
- Specialized Interdisciplinary Degrees: The department anchors highly sought-after, industry-aligned programs, including online MTech in Computational Mechanics.
- Global Academic Footprint: MAE maintains strong international collaborations, including joint doctoral degree programs.
- Deep-Tech Startup Ecosystem: The faculty and alumni actively spin off successful commercial ventures.

Major Facilities

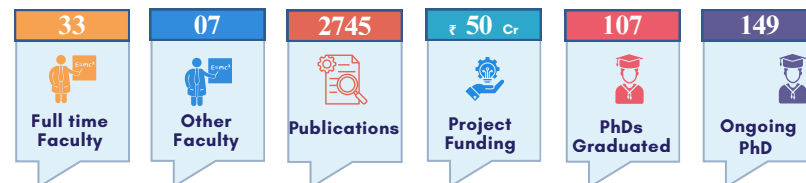
- Acoustics, Dynamics, and Vibration Lab
- Additive Manufacturing Lab
- CAELAB (Computer-Aided Engineering Laboratory)
- Composites Fabrication Lab
- Engineering Optics Lab
- Impact Mechanics Lab
- Material Characterization Lab
- Manufacturing Science Lab
- MEMS Lab (Micro-Electro-Mechanical Systems)
- Vehicle Dynamics Lab



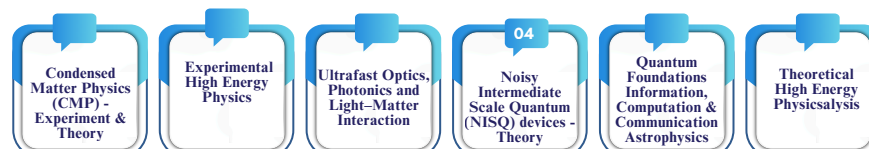
Physics

For more details, visit: <https://physics.iith.ac.in>

Email id: head@phy.iith.ac.in



Thrust Areas



Highlights

- Dr. Anupam Gupta reported groundbreaking advances in bacterial turbulence through two Physical Review Letters, uncovering universal behavior in active matter.
- Dr. Archak Purkayastha, Dr. Atanu Rajak, Prof. V. Kanchana, and Dr. Manisha Thakurathi made significant contributions to quantum physics, thermalization, topological matter, superconductivity, and computational materials.
- Prof. J. Suryanarayana, Dr. Mahesh Peddigari, and Prof. Saket Asthana developed innovative materials and devices for neuromorphic computing, energy storage, and next-generation electronic applications.
- Dr. Nithyanandan Kanagaraj established the Directed Energy Systems and Applications (DESA) Laboratory, secured multiple patents, and advanced research in photonics, coherent laser systems, and adaptive optics.
- Dr. Saranya Ghosh, Dr. Saurabh Sandilya, and Prof. Shantanu Desai contributed to frontier research in high-energy physics, CERN's CMS experiment, the J-PARC muon g-2/EDM experiment, and astrophysics.
- Dr. Kirit Makwana, Dr. Shinde Satish Laxman, Dr. Shubho R. Roy, and Dr. Yogesh Kumar Srivastava advanced research in plasma physics, quantum gravity, functional materials, terahertz photonics, and metamaterials.
- Dr. Mayukh Pahari expanded research activities in planetary science, spacecraft dynamics, and X-ray/UV astrophysics, strengthening the department's multidisciplinary research portfolio.

Major Facilities

- Vibrating Sample Magnetometer (VSM) ; MPMS ; X-Ray Diffraction (XRD) ; Terawatt Laser ; Sputtering System ; Telescope ; Observatory System ; 7-Tesla Cryomagnet



Advanced Experimental Research Facilities

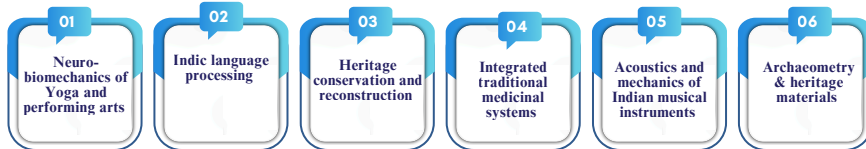
Heritage Science & Technology (Virtual Dept.)

For more details, visit: <https://www.hst.iith.ac.in>

Email id: head@hst.iith.ac.in



Thrust Areas



Highlights

- Markerless Motion Capture:** Scalable AI-driven platform for teaching, analyzing and tracking human movement in education, therapy and arts.
- Archeo-Metallurgy:** Scientific study of traditional Indian Panchadhātu and Ashtadhātu metal-making practices under IKS.
- Bharat Heritage Stack:** Large-scale digitization and technology-driven preservation of India's cultural heritage.
- Heritage Materials & Medicinal Systems:** Research integrating heritage materials, traditional medicine, archaeology, and Indian musical instruments.
- Immersive Heritage & Visualization:** 3D digital twins, photogrammetry, gamification, structural monitoring and AI for heritage conservation.
- Pioneering Academic Programs:** MTech and Executive MTech programs connecting traditional knowledge with modern engineering.



Ethnographic survey in Thanjavur (Swamimalai) with Padma Shri, Radhakrishnan shapathi, documenting the traditional lost-wax (cire perdue) technique of bronze sculpture making.



Traditional finishing and chasing of a bronze sculpture at a hereditary shapathi workshop in Swamimalai.

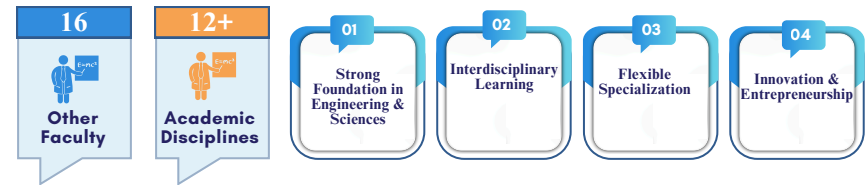
Major Facilities

- Supercomputing facility
- High-density electrophysiology and human motion analysis suite
- Archeometallurgy and archeochemistry lab

Engineering Science (Virtual Dept.)

For more details, visit: <https://es.iith.ac.in>

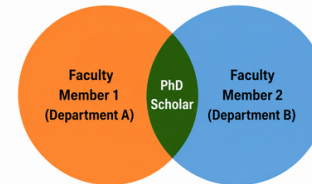
Email id: head@es.iith.ac.in



Highlights

- India's first interdisciplinary BTech Program in Engineering Science.
- Strong foundation in Mathematics, Computing, Core Engineering and Sciences.
- Freedom to specialize after the second year.
- Learn from faculty across more than 10 academic departments.
- Research-oriented curriculum with project-based learning.
- Excellent preparation for higher studies, research and industry.
- Degree awarded: BTech in Engineering Science with Specialization in ...

INTERDISCIPLINARY PhD PROGRAMME



PROGRAMME STRUCTURE – BTech

YEAR 1 – 2 FOUNDATION

Build Strong Fundamentals
in Mathematics, Sciences,
Computing and
Engineering

YEAR 3 – 4 SPECIALIZATION

Choose Your Area of
Specialization from
Multiple Disciplines
Across IIT Hyderabad

Freedom to explore. Flexibility to choose. Empowerment to excel.



Dr BVR Mohan Reddy School of Innovation and Entrepreneurship (BVR SCIENT)

For more details, visit: bvrscient.iith.ac.in

Email id: chair@bvrscient.iith.ac.in

Key Objectives

- Capability building for potential entrepreneurs
- Entrepreneurial Ecosystem Enhancement and
- Capacity building for entrepreneurial mindset.

Highlights

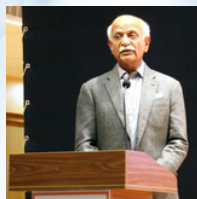
- Two philanthropic foundations, Cyient Foundation and The Shibodhi Foundation, in a unique collaboration with IITH, have established the Dr. BVR Mohan Reddy School of Innovation and Entrepreneurship (BVR SCIENT) on the IITH campus. The school features a state-of-the-art building with advanced teaching and learning facilities.
- Our aim is to nurture and develop world-class innovation and entrepreneurial talent.
- BVR SCIENT strategically leverages the diverse strengths of its academic units—particularly those specializing in entrepreneurship and management, design thinking, prototyping, and incubation—to access extensive technical knowledge and expertise.



Organised India's First Inter-IIT UG Innovation Meet 2026 - RISE @ IITs



- ▶ 100 team applications received from 17 IITs
- ▶ 35 applications shortlisted from 13 IITs
- ▶ 22 teams pitched their ideas at the event
- ▶ 15 lakh prize pool sponsored by CYIENT Foundation
- ▶ 12 jury members divided into 4 panels, with 3 members per panel
- ▶ 2,500+ students, corporate professionals, VC representatives, startup founders attended event



Exhibition:

44 stalls were set up by Incubators, Startups, Student Innovators, Faculty and Researchers to showcase their innovations alongside RISE@IITs.



Greenko School of Sustainability

For more details, visit: <https://gss.iith.ac.in>

Email id: chair@gss.iith.ac.in

Thrust Areas



Key Objectives

- Greenko Group and IITH are collaborating to establish the Greenko School of Sustainability at the Indian Institute of Technology Hyderabad.
- The School of Sustainability is designed to shape a world that harmonizes with nature and empowers future generations toward a more sustainable tomorrow.
- The objectives of the school are to conduct research and development, and education programs.
- The Greenko School of Sustainability is structured as a cross-disciplinary Centre that manages seamless participation and knowledge flow from all existing departments and centres of IITH. The School offers the following MTech programs:
 - Sustainable Engineering
 - Energy Science and Technology
 - E-waste Resource Engineering and Management

Highlights

- Co-organised The International Conference on Chemistry for Sustainability (ICCS) 2025 in collaboration with Department of Chemistry, IIT Hyderabad
- Global Sustainability Challenge: GSS provides technical expertise and mentorship to the Global Sustainability Challenge, supporting student-led sustainability solutions, particularly in Sustainable Energy across South Asia.

Core research areas of the School:



*This is an image of the proposed GSS building.

Centre for Interdisciplinary Programs

For more details, visit: <https://cip.iith.ac.in/>

Email ID: chair@cip.iith.ac.in

The Centre for Interdisciplinary Programs (CIP) has been created with a vision of fostering collaboration and integration across different academic disciplines at IITH. CIP @ IITH envisions creating new paradigms in education, integrating techniques, tools and science from multi- and cross-disciplinary expertise on the IITH campus to address complex and multifaceted challenges. Centre for Interdisciplinary Programs serves as a bridge between traditional academic departments at IITH.

The main goals of the Centre include

- Initiate and sustain new interdisciplinary programs
- Promote interdisciplinary research through joint PhD supervision. Programs include the Inter-Departmental PhD program and the IITH-Deakin University Joint Doctoral Program.
- Incubate new 'Centres of Excellence'

Objective

- To create opportunities for students, faculty, and researchers from different disciplines to collaborate, share knowledge, and work together on innovative projects.
- To offer unique degree programs by developing and delivering interdisciplinary degree programs that combine elements from various fields to prepare students for a dynamic and evolving job market.
- To provide hands-on experience by facilitating practical learning experiences through collaborative projects, internships, and real-world applications of interdisciplinary knowledge.

Research Verticals

- Artificial Intelligence, Computing, Communications & Networks
- Bioengineering & Healthcare
- Energy, Environment, Creative Design & Management
- Novel Materials & Computational Techniques
- Soft and Active Matter & Mechanics of Materials
- Robotics, Biomimetics & Instrumentation

Admissions to ID PhD: Admission to the Interdisciplinary PhD (ID PhD) program is based on collaborative research projects jointly proposed by faculty members from two different departments within the defined research verticals

Online PG Programs

- Integrated Computational Materials Engineering
- Electric Vehicle Technology

PG Programs

- **Additive Manufacturing:** The MTech program in Additive Manufacturing at the Centre for Interdisciplinary Programs, IITH, trains professionals to tackle real-world AM challenges through an interdisciplinary curriculum covering scientific principles and engineering applications. Emphasis is placed on hands-on learning, design for AM, and simulation-based optimisation.
- **Smart Mobility:** Powered by TiHAN, India's first National Testbed for Autonomous Navigation, our MTech in Smart Mobility fuses Artificial Intelligence, Computer Science, and Electrical Engineering to cultivate industry-ready leaders for the Autonomous Future and Next-Generation Mobility. Core Competencies :
 - Mastery of AI & Perception
 - Systems-Level Engineering & Deployment
 - Advanced Autonomous Navigation
 - Intelligent & Connected Mobility
- **Medical Device Innovation:** The MTech program in Medical Device Innovation at the Centre for Interdisciplinary Programs at IITH is an interdisciplinary initiative blending healthcare, engineering, and design to foster next-gen medical technologies with collaboration of Centre for Healthcare Entrepreneurship. Its curriculum focuses on advanced technical skills in Augmented Reality /Virtual Reality, Machine Learning, Signal/Image processing, embedded electronics, and human-centred design. A unique clinical immersion module exposes students to live medical procedures, enabling context-aware device design grounded in real clinical needs with additional integration of product management training—covering lifecycle management, market research, go-to-market strategies and data analytics—to cultivate strategic thinkers capable of driving healthcare innovations.
- **Ophthalmic Engineering:** The MTech program in Ophthalmic Engineering at the Centre for Interdisciplinary Programs at IITH, run in close collaboration with L.V. Prasad Eye Institute (LVPEI), combines engineering with ophthalmology to design advanced vision care technologies. The program covers AI-powered diagnostics, ophthalmic instruments, imaging systems, optical design software, and eye biomechanics simulation. It also explores specialized domains such as bio-fabrication for tissue engineering, optoelectronics for light-based diagnostic systems, and the use of lasers in ophthalmology. Students gain valuable clinical and translational exposure in L.V. Prasad Eye Institute (LVPEI), bridging academic learning with real-world impact in eye care.
- **Integrated Circuits and Microsystem Packaging:** Integrated Circuits and Microsystems Packaging (ICMP) MTech program at IITH is an interdisciplinary program that develops manpower and technopreneurs in IC Packaging. Semiconductor ICs are the backbone of the current revolution in electronics and computing. The ability to incorporate more functionality within the same area in an Integrated Circuit (IC) is transcending beyond transistor scaling to innovations in packaging. Heterogeneous Integration is the order of the next decade. This interdisciplinary program focuses on designing, fabricating, and characterizing electronic packages and microsystems.
- **Lightweighting Engineering:** The Lightweighting Engineering interdisciplinary MTech program is to develop a new generation of engineers and scientists with knowledge and skills in advanced technologies and trained in lightweighting engineering from the conceptualization stage to realization. The program focuses on the design, analysis, and development of lightweight structures and materials while maintaining or improving mechanical performance, durability, and safety. Students develop proficiency in modern design and simulation tools used in the analysis and optimization of lightweight structures. Integrate knowledge from different engineering disciplines to solve complex problems related to lightweight design and manufacturing.
- **Medical Physics:** MSc in Medical Physics is jointly offered with Basavatarakam Indo-American Cancer Hospital and Research Institute (BIACH and RI) and applies the principles, techniques, and methods of physics in both research and practical settings to prevent, diagnose, and treat human illnesses with the aim of enhancing human health and overall quality of life.
- **Critical Minerals and Metal Processing:** MTech in Critical Minerals & Metals Processing aims to develop highly skilled professionals equipped to tackle challenges such as low-grade ore beneficiation, efficient recovery of rare and critical elements, circular economy approaches through recycling of secondary resources, and environmentally responsible processing practices. Emphasis will also be placed on emerging areas such as digitalization in mineral processing, artificial intelligence applications, and advanced analytical techniques. With strong interdisciplinary collaboration, state-of-the-art laboratory facilities, and active engagement with industry and government agencies, this program at Indian Institute of Technology Hyderabad seeks to create a new generation of engineers and researchers who will contribute to India's resource security and global leadership in critical minerals and metals processing. This initiative aligns with national priorities and global sustainability goals, positioning graduates to play a pivotal role in shaping the future of resource-efficient and environmentally sustainable mineral industries.
- **Defence Technologies:** With Defence Atmanirbharta as its aim, this program is designed to provide students with "Defence acclimatization" helping them understand the broader context and technical foundations of Defence technologies.

166



No. of PG Students

133



No. of PhD Students

Centre for Continuing Education

For more details, visit: <https://cce.iith.ac.in>

Email ID: chair@cce.iith.ac.in

Overview

The Centre for Continuing Education, IIT Hyderabad promotes lifelong learning and professional development through quality education programs for students, academicians, researchers, industry professionals, and global learners. Leveraging the expertise of IIT Hyderabad's faculty, the Centre offers programs in emerging areas of science, technology, engineering, management, and interdisciplinary domains. CCE @IIT Hyderabad conducts executive education programs, certification courses, faculty development programs, workshops, and customized industry training in both online and offline modes. Through industry-academia collaborations and technology-enabled learning initiatives, the Centre supports skill enhancement, innovation, and continuous learning while addressing evolving academic and industrial needs.

Programs & Facilities

- Open To all Teaching (OAT): Open to All Teaching (OAT) is an initiative by IIT Hyderabad that extends the Institute's classroom learning to learners beyond the campus. Through live-streamed courses, working professionals, faculty members, homemakers, and students can participate in select IIT Hyderabad courses in real time alongside regular IITH students. Unlike recorded sessions, OAT offers interactive, live classroom experiences that enable direct engagement between participants and course instructors.

Learn more: <https://cce.iith.ac.in/Open-to-All-Teaching/>

- NPTEL (National Program on Technology Enhanced Learning)
- International/ National Conferences
- Workshops, Symposia and Training Programs
- Short-term and long-term Certificate Programs
- Faculty Development Programs and Teacher Training Programs
- Tailor-made corporate programs

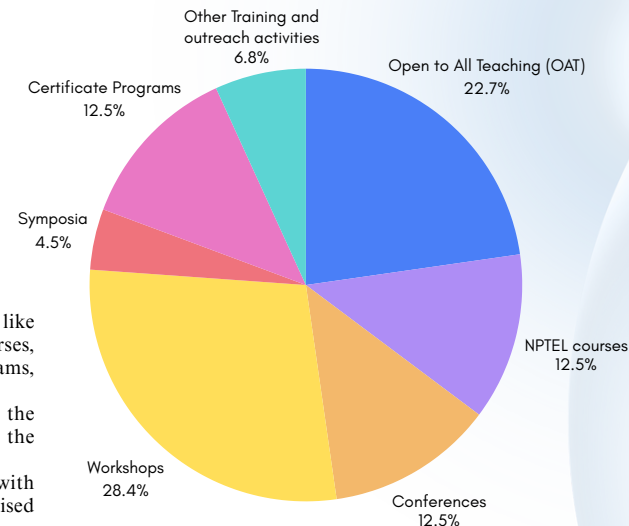
Convention Centre Facilities :

- Auditoriums
- Seminar Rooms
- Conference Rooms
- VIP Lounges

Scope and Functions

- To conduct all academic outreach activities like Conferences, Workshops, Certificate Courses, Symposia, Short-term courses, Training programs, and other similar activities of the Institute.
- To organise faculty development programs for the faculty of various technical institutes in the country
- To conduct certificate courses in collaboration with industry and academia to provide specialised expertise/skill development in diverse fields

Programs offered under CCE during FY 25-26



Centres/Centers of Excellence

Incubation Centres at IITH



CfHE (Center for Healthcare Entrepreneurship) provides comprehensive support to promote early-stage ideas, startups and entrepreneurs in medical devices and healthcare through its diverse and impactful ecosystem. To know more, visit: <https://cfhe.iith.ac.in/index.html>
Email ID: office.cfhe@iith.ac.in



TiHAN NM-ICPS TiHAN Foundation established at IITH under NM-ICPS, funded by the DST, GoI. TiHAN focuses on Autonomous Navigation and Data Acquisition Systems (e.g., UAVs, ROVs), and serves as a premier Technology Innovation Hub in this domain. <https://tihan.iith.ac.in/>
Email ID: office.tihan@iith.ac.in



iTIC iTIC is an incubator under the aegis of IITH and supported by the DST, GoI, a Not-For-Profit Society that focuses on creating a supportive and nourishing environment for budding entrepreneurs in the field of technology. To know more, Visit: <https://itic.iith.ac.in/>
Email ID: office.itic@iith.ac.in



FabCI Fabless Chip Design Incubator, a flagship program being executed with the support of the Ministry of Electronics and Information Technology (MEITY) precisely focuses on creating an ecosystem for grooming startups in the area of chip design.
Email ID: Fabci@iith.ac.in



CCS The Center for Cryptography and Cybersecurity aims to be a premier hub for cryptography and cybersecurity research in India. The center conducts research in cutting-edge technologies as well as engages in the training of students and professionals in these areas. To know more, visit: <https://ccs.iith.ac.in/>
Email ID: mvp@cse.iith.ac.in



cGodavari The Center for Godavari River Basin Management Studies (cGodavari) is a multidisciplinary, Multidepartment initiative to help restore and maintain the ecological health of the entire Godavari River Basin. The initiative is funded by the National River Conservation Directorate (NRCD), Ministry of Jal Shakti. To Know More : <https://www.cgodavari.in/>
Email ID: cGodavari.iith@gmail.com



CGDT Estd through an MoU between AMS, NEER, INTERACTIVES & IITH, to foster a close partnership that focuses on Geospatial AI & Digital Twins, cultivating a collaborative environment for project initiatives in Geo AI, drones AI, perimeter security AI, BIM AI & Digital Twins applied to Defence, industry, environmental safety, climate change, wildlife and more. <https://cgdt.coe.iith.ac.in/>
Email ID: cgdt@iith.ac.in



CLEANZ The Center of Clean Coal Energy & Net Zero (CLEANZ) is a CoE committed to promoting the development of high-impact coal-based technologies by integrating advanced scientific approaches with real-world applications. The Center aims to create scalable solutions for clean coal utilisation, CO₂ management, and the circular economy.
Email ID: office@cleanz.coe.iith.ac.in



CoDE The Center of Design Excellence (CoDE) at IIT Hyderabad represents a strategic collaboration between academia and the Telangana MSME industry, aimed at enhancing industrial capabilities through innovative design solutions. To know more, Visit: <https://code.design.iith.ac.in/>
Email ID: code@des.iith.ac.in



DBT-SAHAJ The DBT-SAHAJ facility for single-molecule and super-resolution imaging provides access to cutting-edge single-molecule imaging technologies for life science/biomedical research. Technologies available: 1) Single-molecule tracking in live cells, 2) Single-Molecule Localization Microscopy (STORM/PALM), 3) Single-Molecule FRET, 4) Single-molecule FISH, 5) 5D imaging of live and fixed cells, 6) Image processing and visualization. To know more, visit: www.singlemolecules.iith.ac.in. Email ID: gunjanmehta@bt.iith.ac.in



DIACOE DRDO Industry Academia Center of Excellence works on 7 Research Verticals. (Ultra-High Temperature Materials for Hypersonic Vehicles, Artificial Intelligence for Missile and Missile Defence, Technologies for Space Application, Adaptive Imaging and Image Processing, Nanoornithopter Technologies, Seeker and Homing Technologies & Additive Manufacturing)
Email ID: office.diacoe@iith.ac.in



DIC DIC at IITH works under the MHRD, GoI. Dept of Design – DIC has since been working towards the ecosystem's infrastructure in which Designers and Engineers in academia interact with real-world problems and stakeholders to shape creative entrepreneurial cooperation and collaboration.
Email ID: dic@iith.ac.in



ICMR-DHR ICMR has sanctioned Rs. 15.2 Cr for a Center of Excellence to IITH to foster innovation & product development in the field of Medical Devices & Diagnostics. To know more, visit: <https://bme.iith.ac.in/Renuweb/research.html>
Email ID: renujohn@bme.iith.ac.in



IITH-Nikon CoE The Nikon Center of Excellence for Optical Microscopy at IITH provides super-resolution confocal, TIRF, widefield fluorescence and stereo fluorescence microscopes to support high quality imaging across various fields of research. To know more, Visit: <https://coenikon.iith.ac.in/>
Email ID: shourya@msme.iith.ac.in

Centres/Centers of Excellence

KRIYA



To support the research activities of the AI department, a Center for Research and Innovation in AI (क्रिया) has been established with the support of JICA (Japan International Cooperation Agency) and Honeywell.
To know more, visit: <https://ai.iith.ac.in>
Email ID: head@ai.iith.ac.in

NVAITC



The NVIDIA AI Technology Center (NVAITC) at IITH is a joint initiative to accelerate AI research and its commercialization. It was established to facilitate research on AI algorithms and develop AI-based solutions for various sectors, including agriculture, smart cities, and language understanding.
Email ID: head@ai.iith.ac.in

SIMMECT



IITH in collaboration with Swinburne University of Technology (Swinburne), Australia have established SIMMECT—the “Swinburne-IITH Manufacturing, Materials, Energy, and Communication Technologies Joint Research Institute”. This Center aims to strengthen the research collaboration between IITH and Swinburne, fostering cutting-edge advancements with significant industry and societal impact.
Email ID: celiawong@swin.edu.au

Takshashila



The Takshashila- Center for Heritage Science & Technology, located within the Department of Heritage Science & Technology (HST) at IIT Hyderabad, focuses on applying science and technology to conserve and develop India's tangible and intangible heritage assets. This includes monuments, archaeological sites, traditional knowledge systems, cuisines, art, and languages.
Email ID: mohanr@bme.iith.ac.in

AMRIT



AMRIT (Advanced Manufacturing Research Innovation and Training) is a joint initiative launched in 2025 by the IITH and Deakin University, Australia, to advance next-generation manufacturing technologies. This collaboration focuses on additive manufacturing, smart materials, lightweight composites, automation systems, and Industry 4.0 technologies to foster innovation, workforce development, and startup incubation in India. Email ID: mgopinath@mae.iith.ac.in

SU IITH



SU IITH is established between Shimane University, Japan and IITH. This Center aims to cultivate the next generation of human resources with an entrepreneurial mindset, strengthening the Japan-India science and Technology partnership and preparing students, researchers and academics to lead industries and contribute to society in both nations.
Email ID: dean.ir@iith.ac.in

WIN



IITH in collaboration with the Wadhvani Foundation, has established a Center of Excellence, Wadhvani Innovation Network, to drive innovation and research in key frontier areas. The Foundation is supporting the initiative in the areas of Advanced Computing and Artificial Intelligence; Biotechnology and Bioengineering; HealthTech; SpaceTech; Quantum Technologies; Critical Minerals and Mining
Email ID: office@win.coe.iith.ac.in

Other Centres:

- Center for Research in Education Assisted by Technology (CREATE)
- Center for Computational Engineering
- Teaching Learning Center (TLC)
- Cyber Security Operations Center
- Skill Development Center at RDC
- ILH-IITH Bioengineering Center of Excellence

NBV-SIC



Suzuki Innovation Center& Next Bharat Ventures at IITH are dedicated to advancing the Next Billion in India by supporting impact entrepreneurs committed to making a substantial difference. Empowering the community of great entrepreneurs creating greater impact, for the next billion.
To know more, visit: <https://nextbharat.ventures/>
Email ID: sic@nextbharat.ventures

SATHI-CISCO



Center for In-Situ and Correlative Microscopy is a consortium of 18 partner institutes supported through the DST-SATHI program. This Center would be the first in the nation to enable real-time characterisation across multiple length scales for fundamental and industrial R&D purposes. This Center is headed by Dr. Sairam Malladi.
To know more, visit: <https://sathi.iith.ac.in>
Email ID: sathi.ciscom@admin.iith.ac.in

STC²M²P



Sustainable Technologies Center for Critical Minerals and Metals Processing (STC M P)- CoE under National Critical Mineral Mission by Ministry of Mines, GoI. This CoE focuses on recovering critical minerals from e-waste, industrial residues, ash sources, and primary ores (Ni, Co, V, Ti). The CoE aims to drive innovation, reduce import dependency, and promote sustainable practices, strengthening India's mineral independence.
Email ID: narasimha@che.iith.ac.in

TRIHUB



IITH inked an MoU with the National Highways Authority of India (NHAI), Ministry of Road Transport and Highways, GoI, to establish a TRI HUB. This Center of Excellence at IITH will work on contemporary and cutting-edge technologies for National Highways in India.
To know more, visit: <https://trihub.iith.ac.in/Home.html>
Email ID: office.trihub@iith.ac.in

RDC



Rural Development Center(RDC) at IITH was established with a vision to support Rural development initiatives of the Government through innovative technologies being developed at IITH. RDC operates across 3 interconnected thematic areas— Education, Environment, Entrepreneurship & also runs a Skill Development Center to create employment opportunities for peri-urban & rural communities.
Email ID: office@rdc.iith.ac.in ; To know more, visit: <https://rdc.iith.ac.in/>

CQC



The Center for Quantum Communications (CQC) is a Center of Excellence at IIT Hyderabad focusing on Secure Quantum Communications. The Center hosts a branch of the Quantum Communications Technical Hub of the National Quantum Mission. Researchers in the CQC work on design, development of Quantum Key Distribution (QKD) systems, design and analysis of secure quantum network protocols, and QKD systems based on Photonic Integrated Circuits.
Email ID: cqc@coe.iith.ac.in

VIGRAHA



VIGRAHA (Virtual, Intelligent, Ground-breaking Research in AR/VR & High-tech Applications for Indian Army) CoE has established in collaboration with the Army Training Command, Shimla, represented by the Simulator Development Division (SDD), Secunderabad This collaboration aims to spearhead cutting-edge research and development for the Indian Armed Forces. To know more : <https://vighraha.coe.iith.ac.in/> ; Email ID: shivaji@des.iith.ac.in

CREATIVE ARTS



The Centre for Creative Arts at IIT Hyderabad promotes creativity and artistic expression by integrating Fine Arts and Performing Arts into the academic curriculum. The Centre fosters innovation, cultural appreciation, and holistic learning through courses and creative activities.
To know more, visit: https://la.iith.ac.in/creative_arts.html
Email: fic.ca@la.iith.ac.in

Campus Facilities



- 24X7 Hospital & Pharmacy
- Knowledge Resource Centre (Library)
- SBI, Canara, HDFC, and ICICI Banks on campus
- Recreation centre
- Tinkerer's lab
- E-Cell
- Lecture Hall Complex
- Supermarket
- World-class indoor and outdoor sports facilities
- Olympic-size Swimming Pool
- Cultural amenities
- Post Office
- Open Air Theatre with 40x20 ft LED screen
- Cafeteria (Domino's, Yummpys, Chennai Coffee Shop, AI Food GPT, Brown Bear Bakers and other outlets)
- Vending Machines
- Speciality Clinics
- Recording Studio
- Autonomous Vehicle for Campus Transport

Knowledge Resource Centre



The Inclusive Study Centre at KRC is a dedicated facility that promotes inclusive learning for **Persons with Disabilities (PwD) / Divyangjan**.



Knowledge Resource Centre (Library).

For more details, visit: <https://library.iith.ac.in/>

Functioning as IITH Library since 2008, it was rebranded as the Knowledge Resource Centre (KRC) and relocated to its brand new building on March 27 2024.

Scale & Built-up Area: Spans 9,325.61 Sq. mt. (100,380 Sq. ft.) across Ground + 3 Floors.

Smart Automation: Powered by Koha Integrated Library Software and RFID auto circulation system. Self-issue & return kiosks enable seamless round-the-clock digital operations.

Modern Infrastructure: Centralized AC, Campus Wi-Fi, Cyber Libraries (Lab-1 & Lab-2), RFID Security Gates, Book Scanners & CCTV surveillance.

Inclusive Access: Specially-abled ramp access & dedicated Inclusive Study Center(ISC) for Divyangjan.

Academic Spaces: 11 GD Rooms (4–14 seats), Virtual Classroom (81 seats), Seminar Room (56 seats), Video Conference Room (35 seats), & Recording Studio.

State-of-the-art facilities & initiatives at Knowledge Resource Centre

- RFID based Book Circulation System
- Search using Summon discovery tool
- Self Issue-Return Kiosk
- Information Kiosk
- RFID Security gate
- OPACs-Portable
- Recording Studio
- Learning-Commons-Lab1
- Research-Commons-Lab2
- Video-Conference-Room
- Virtual-Class-Room (AV-1)
- Book Scanner
- Digital Wall
- Displays
- Subject Guide
- Seminar Room (AV-2)
- Meeting-Room
- Services for Divyangjan (PwD) Users
- Inclusive Study Center(ISC)
- Best Library User Award
- Annual Book Fair



Academic & Research Tools & Services



Student Arena

The General Council is an umbrella term for various bodies which not only perform representation tasks, but also cater to student welfare, societies, entertainments etc. The General council strives towards the general welfare of the students.
<http://gymkhana.iith.ac.in/>

General Council



Cultural Council



The Cultural Council is a motivated group of individuals who believe that a college should have its fair share of fun & frolic alongside academics. Clubs under the Cultural Council are Infocus, Behind The Lens, Vibes, Rang De Manch, Gesture, Shuffle, Otaku, Silhouettes and LitSoc.
<https://www.instagram.com/culturals.iith/>

IITH's sports is one of the more brilliant facets of this campus life. IITH offers plenty of sports facilities, which include a common football & cricket ground, a hockey ground, a well-equipped swimming pool, floodlit courts for basketball, badminton, tennis, and multiple courts for volleyball. Facilities for indoor games like table tennis, caroms, and chess are also available.
<https://sports.iith.ac.in/>

Sports Council



The Media Council of IITH was formed in May 2014 & is a student council that helps take IITH to every individual in & outside IITH. They are involved in publicising our institute through social media, social events, etc. The Media Council is currently engaged in various newsletters of IITH like the academic newsletter, placement newsletter, with the guidance of different faculties, and PR Office of IITH.
<https://www.instagram.com/echo.iith/>

Media Council



The Institute Technical Council (ITC) council is headed by the Technical Affairs Secretary. It encompasses nine societies: AeroClub, Cepheid, Elektronika, Kludge, Infero, Lambda, Prakriti, Robotix and Torque, which cover the diverse nature of science and technology. Various events are organised from time to time, starting with the orientation of all these clubs.
https://www.instagram.com/scitech_iith/

Institute Technical Council (ITC)



Mess monitoring council, also known as MMC, assists in the robust functioning of mess in coordination with mess wardens & HCU. Headed by the mess secretary, it represents the students' voice. It also regularly inspects the operations to look for various faults & ensure that food quality is maintained at IITH. It strives to ensure that all the students have enjoyable and healthy meals at their second home.

Mess Council



The Academic Affairs Council (AAC) is the primary student body responsible for representing and addressing academic matters at IITH. Chaired by the Academic Affairs Secretary and comprising undergraduate, postgraduate, doctoral, and Student Gymkhana representatives, the Council works closely with students, faculty, and the institute administration to address academic concerns, recommend policy improvements, and foster a student-centric academic environment.

Academic Affairs Council (AAC)



Sunshine

Sunshine: The Counselling Cell

Since its inception on January 12, 2012, Sunshine- the counselling cell at IITH, has been committed to helping the student community. The dedicated team of Sunshine comprises a Faculty in Charge, 5 Psychological Counsellors, 19 faculty representatives, 20 student heads, 31 PG mentors, 28 PG buddies, 7 PhD dept representatives, 35 UG mentors, 41 UG buddies and 21 management team members.

To Know more Visit: <https://sunshine.iith.ac.in/>

Sunshine Mental Well-being & Counselling Cell provides a safe, confidential and supportive space for students facing academic, emotional, personal or social challenges. It promotes resilience, wellbeing and growth through professional counselling and peer support.



Relations @IITH

Email ID: dean.acr@iith.ac.in



Alumni Relations

IITH has built a strong network of alumni who create valuable opportunities for the Institute's development and to support its key strategic initiatives. The Alumni Relations Office at IITH aims to strengthen the Institute's bond with its 9500+ alumni across the globe. Our alumni are making meaningful contributions across industries, leading in technology, research, education, public service, and entrepreneurship. Many are professors, researchers, civil servants, and industry leaders. Through the alumni network, the student can find mentors, internship opportunities, excellence & scholarship programs, career guidance, and maybe even a future co-founder!

Activities:

- Facilitating the Legacy Project by the alumni to support the Institute for infrastructure development.
- Organising mentoring initiatives for current students and supporting the broader IITH community.
- Engaging alumni through various Alumni Get-togethers, Meet-and-greets (Both National and International), Reunions, Decennial Year celebrations and various alumni chapters.
- Creating opportunities by alumni to support students through scholarship programs that promote academic, research, and educational excellence by means of scholarship and Donor Awards

 Visit: <https://acr.iith.ac.in/>



Office of Career Services

The Office of Career Services (OCS) aims to augment placements, internships, and Pre-Placement Offers (PPOs) through a robust foundation of corporate relations, expanding opportunities for students across all programs.

The Office of Career Services (OCS) at IITH conducts a range of career-focused activities to support students in their placement journey. To enhance student readiness and bridge the gap between academics and industry expectations, thereby increasing placement outcomes. OCS regularly organizes knowledge-sharing sessions by professionals from reputed organizations and distinguished alumni.

Statistics:

Total number of Offers made: 665
Number of International offers made: 46
Number of companies Participated: 324
Average Package offered: ₹ 23.91 L per Annum
Number of PPOs: 120

Total number of Intern offers made: 376
Average Stipend: ₹ 1 Lakhs 4 thousand Per month
Number of International Intern offers: 34
Summer Internships: 232
Semester Internships: 108
PG Internships: 27

 Visit: <https://ocs.iith.ac.in/>



Corporate Relations

The Corporate Relations Office at IITH continues to drive strategic collaborations with industries, philanthropists and NGOs to strengthen the Institute's research, academic and societal impact (CSR initiatives) through:

- Building 40+ CSR collaborations, generating more than 11 crore in funding for research, infrastructure and student initiatives.
- Strengthening industry ties for joint research, prospective recruitment, and the establishment of Centres of Excellence.
- Attracting endowments for Chair Professorships and expanded scholarships, with a special focus on girl child support for hostel and mess fees.
- 30+ students benefiting directly through scholarships funded by alumni, corporates and NGOs.
- Leveraged 100% tax exemption under Section 80G to secure major contributions for strategic projects.
- Leading CSR funding initiatives, excellence awards, and targeted fundraising campaigns to advance institutional growth.
- Organised strategic events such as ESG forums to foster strong industry-academia collaborations and promote sustainable development initiatives.

 Visit: <https://acr.iith.ac.in/>



Public Relations

The Public Relations Office at IITH plays a pivotal role in enhancing the Institute's visibility and outreach.

It actively manages communications across five major social media platforms, ensuring timely dissemination of updates, initiatives, and achievements.

The PR Office handles media relations by engaging with over 500 national and regional outlets to share institutional news.

It publishes key dossiers such as the

- Media Management
- Social Media and Institute Website
- Visit IITH
- Publications of Institute Brochure, Annual Report, Calendar, and the quarterly e-newsletter KirIITH, each showcasing IITH's progress and
- Events & Podcast

The office coordinates dynamic content for the Institute website and digital video walls across campus. In addition, the PR team documents and promotes research activities and institutional events through impactful videos, photography, and event coverage.

 Visit: <https://pr.iith.ac.in/>

International Relations

Visit: <https://ir.iith.ac.in/>

Email ID: dean.ir@iith.ac.in

The Office of International Relations at IITH reflects the institute's vision and commitment to providing high-quality education without geographical boundaries, enhancing the diversity of its student body and forming strategic partnerships around the world.

- International Admissions and International Collaborations
- Coordinate international delegation visits to IITH
- Encourage, maintain and sustain relationships with foreign universities and build new partnerships
- Promote International admissions in neighbouring countries
- Promote international student exchanges (both inbound and outbound)

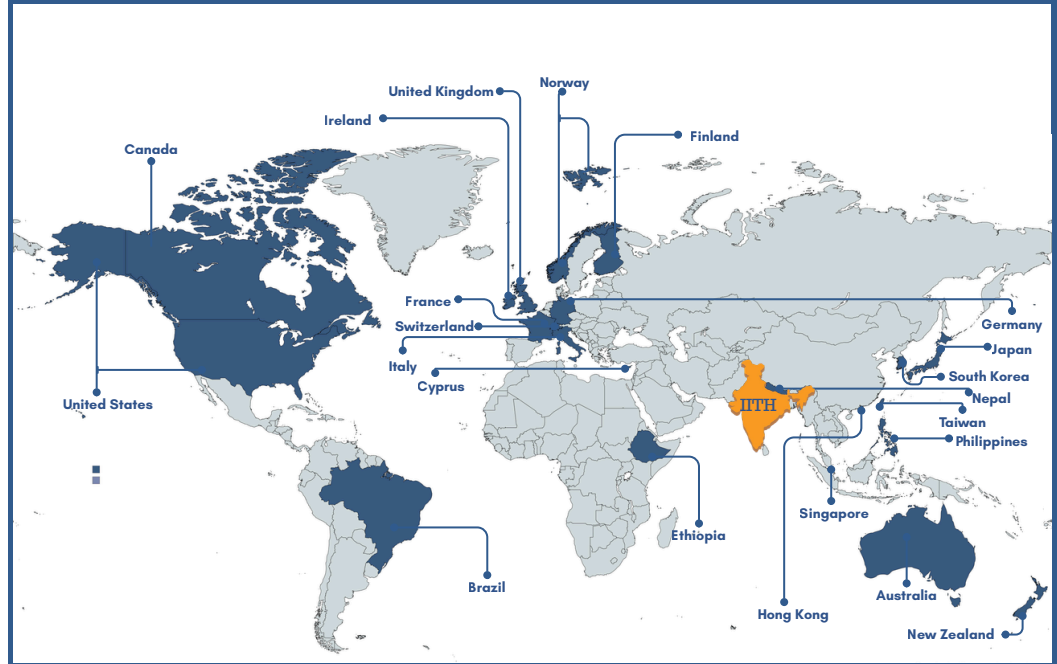
We are focused on building strong research collaborations with foreign universities.

To accomplish this, we envisage a 4-stage process:

- Faculty interactions (visits & workshops, video-conferencing, joint proposals, co-authored papers)
- Student exchanges (PhD and MS scholars to spend 3-12 months carrying out research at collaborators' laboratories)
- Joint supervision of research scholars, serving on doctoral and master committees
- Joint-degree programs (where sufficient sustainability and scalability of relations have been demonstrated)



Global Network of IITH



The International Relations Cell (IRC) is a student body working with the Office of International Relations (OIR). It works to promote the exchange of students, faculties, and ideas between IITH and its international partners and to establish the globalisation of IITH.

IITH boasts a strong and extensive global network, with over 120 Memoranda of Understanding (MoUs) established with leading academic institutions and renowned industries across the world like Mitsubishi, DNP and AGC etc.

These collaborations foster opportunities for joint research, faculty and student exchange, collaborative projects, and industry-driven innovation, enabling IITH to actively engage in knowledge sharing and contribute to advancements on a global scale.

International Relations

Visit: <https://ir.iith.ac.in/>
Email ID: dean.ir@iith.ac.in



Japanese Ambassador visited IIT Hyderabad on 3rd Japan Academic Day



Ms. Laura Williams, U.S. Consul General, visited IIT Hyderabad



DNP's first research and development (R&D) Center in India was inaugurated at IIT Hyderabad



MoU Signing between MITSUBISHI ELECTRIC, Japan & IITH



IIT Hyderabad inaugurated the JEOL-IITH Microscopy Training Centre, marking a new milestone in advanced research and innovation



The Kyushu University Forum (KYUDAI NOW) at IITH marked a step forward in India-Japan academic and research collaboration



IITH hosted 3rd Japan Academic Day to deepen India-Japan academic and research collaboration



IITH launched International Certificate Program in Integrated Product-Service System (IPSS) Design, jointly developed by Department of Design, IITH and POLL.design, in partnership with IICCI

Awards & Recognitions

Faculty – Fellowships

- Prof. Kiran Kumar Kuchi (EE): for being elected as a Fellow of the Indian National Academy of Engineering (FNAE) 2025.
- Prof. Kirti Chandra Sahu (CHE): for being elected as a Fellow of the Indian National Academy of Engineering (FNAE) 2025.
- Dr. Karthik (AI): for securing the ANRF Prime Minister's Early Career Research Grant (ECRG).
- Prof. Mahendrakumar Madhavan (CE): for receiving the Fellowship of the Institution of Structural Engineers (ISTRUCTE), UK.
- Prof. Suryanarayana Jammalamadaka (CH): for being elected as a Fellow of the Royal Society of Chemistry (FRSC).
- Prof. Sushmee Badhulika (EE): for being elected as an INSA Young Associate 2026.

Faculty – Editorial/Appointments

- Prof. Giridhar Madras (CH): for being appointed as the Director of RGUKT-AP, Srikakulam.
- Prof. Kishalay Mitra (CH): for becoming a Member of the R&D Board of Coal India Limited (CIL).
- Dr. Mayur Vaidya (MSME): for being appointed to the Editorial Board of Scientific Reports Journal
- Dr. Nithyanandan Kanagaraj (PH): for being appointed as an Assistant Editor of OPTICA Photonic Research.
- Dr. Nithyanandan Kanagaraj (PH): for being appointed as an Associate Editor of IEEE Photonics Technology Letters.
- Dr. Nithyanandan Kanagaraj (PH): for being elevated to IEEE Senior Member.
- Prof. Sai Santosh Kumar Raavi (PH): for being appointed to the Editorial Advisory Board of APL Engineering Physics.
- Dr. Prabhat Kumar (MAE): for being appointed to the Editorial Board of Scientific Reports Journal
- Prof. Saket Asthana (PH): for being appointed as an Associate Editor of Frontiers in Materials.
- Prof. Shekhar Mande (Distinguished Professor): for being appointed as the President of the Indian National Science Academy (INSA).

Faculty – Awards & Other Recognitions

- Dr. Amrita Datta (LA): for receiving the Elizabeth Adiseshiah Award 2025.
- Prof. Deepak John Mathew (DES): for receiving the Lifetime Achievement Award in Design Research from the Design Research Council of India.
- Dr. Gaurav Sharma (BT): for having GScholarLens featured by Nature.
- Prof. C. Krishna Mohan (CSE): for receiving a Research Impact Award.
- Dr. Konda Reddy (AI): for being a Best Paper Finalist at the CVPR 2026 Conference.
- Prof. B. S. Murty (Director): for receiving the Honorary Doctor of Engineering from Swinburne University of Technology.
- Prof. Rajalakshmi (EE): won the Federation of Telangana Chamber of Commerce and Industry (FTCCI) Excellence in Science and Technology (Individual) Award 2025.
- Prof. C. Malla Reddy (CH): for receiving the OPPI Scientist Award 2025.

- Dr. Sandipan Ray (BT): for receiving the Young Scientist Award at the 11th World Congress of Chronomedicine (WCC 2025).
- Prof. Dr. Saranya Ghosh (PH): for being among the laureates of the 2025 Fundamental Physics Breakthrough Prize through the CMS Collaboration.
- Prof. Satyavrata Samavedi (BME): for having his research featured through the “Voices in Molecular Pharmaceutics” initiative.
- Dr. Sk Zeeshan Ali (CE): for receiving the Associateship of the Indian Academy of Sciences.
- Prof. Sushmee Badhulika (EE): for receiving the Clarivate India Research Excellence – Citation Awards 2025.
- Prof. Sushmee Badhulika (EE): for receiving the VASVIK Industrial Research Award 2025.
- Prof. Vandana Sharma (PH): for receiving the IEEE India Council Award – Woman Technologist of the Year 2025.
- Prof. Vineet N. Balasubramanian (CSE): for receiving the National Award to Teachers (NAT-2025).
- Prof. Vineet N. Balasubramanian (CSE): for receiving a Research Impact Award.
- Prof. Vineeth N. Balasubramanian (CSE): for receiving the Outstanding Paper Award at the Logical Reasoning of Large Language Models Workshop, ICLR 2026.
- Dr. Jyothi Vedurada (CSE): for receiving the HPE Dr. APJ Abdul Kalam HPC & AI Award 2026.
- Prof. Rajesh Kedia (CSE): for receiving the Teaching Excellence Award.
- Prof. B. S. Murty, Prof. Giridhar Madras, Prof. Susmita Badhulika, Prof. Vineeth N. Balasubramanian, Prof. Narendra Kurra, Prof. C. Krishna Mohan, Prof. Kirti Chandra Sahu, Prof. K. V. L. Subramaniam, Prof. Pinaki Prasad Bhattacharjee, Prof. Falguni Pati, Prof. Sudarsanam Putla, Prof. Ch. Subrahmanyam, Prof. Surendra Nath Somala, Prof. C. Malla Reddy, Prof. Sunil Kumar Maity, Prof. Kishalay Mitra, Prof. Surendra Kumar Martha, Prof. Shantanu Desai, Prof. M. Deepa, Prof. G. D. Janaki Ram, Prof. Mayur Vaidya, Prof. Suresh Perumal, Prof. Kishore Natta, Prof. Shiv Govind Singh, Prof. Manish Kumar Niranjana, Prof. Alok Kumar Pan, and Prof. M. Narasimha were featured in the Stanford List of the World's Top 2% Scientists (Single-Year), 2025.

Alumni Awards:

- Dr Satyabrata Mahapatra (PH): for being appointed as an Assistant Professor at the School of Physical Sciences, IIT Goa.
- Dr Santhosh Sivasubramani (EE): for being appointed as a Faculty Member at the Center for Sensors, Instrumentation and Cyber Physical Systems Engineering, IIT Delhi.
- Dr Uday Roopavath (BME): for being appointed as an Assistant Professor at IIT Jammu.
- Dr Neeraja Sinha (CH): for receiving the Young Scientist Award in Chemical Sciences from the Telangana Academy of Sciences.
- Dr Neeraja Sinha (CH): for receiving the Outstanding Achievement Award from the German Government.
- Dr Ramunaidu Randhi (MA): for receiving the Best Faculty Award 2025 from the Indian Institute of Petroleum and Energy (IIPE), Visakhapatnam.
- Dr Chandrashekhara Lakavath (CE): for being appointed as an Assistant Professor at IIT (ISM) Dhanbad.

Awards & Recognitions

Student Recognitions:

- Mr. Aakash Singh (PH): for receiving the Best Poster Award at the XXIII International Workshop on the Physics of Semiconductor Devices (IWPSD 2025).
- Mr. Aditya Patankar (DES): for receiving the India's Best Design Student Award 2025.
- Mr. Alekha Meher (LA): for receiving the Best Paper Award at the International Conference on Digitalization for Inclusive Finance and Sustainability.
- Mr. Badweeti Kasinayana (CE): for receiving the First Prize in the Student Poster Presentation (Smart Mobility Category) at the Symposium on International Automotive Technology (SIAT 2026).
- Mr. B Bangaraju (MAE): for receiving the Second Prize in the Bharat Ratna Dr. A. P. J. Abdul Kalam Best Student Technical Paper Award at the International Conference and Exhibition on Advanced Materials and Structures (ICEAMS 2025).
- Ms. Bhagyshree Khandare (CE): for receiving the Best Oral Presenter Award at the 4th International Conference on 3D Printing and Additive Manufacturing (3D Printing 2025).
- Ms. Bhuvana Priya (CE): for receiving the Best Poster Award at the Conference of Transportation Research Group of India (CTRG 2025).
- Mr. Chinmay Barman (PH): for receiving the Best Poster Award at the XXIII International Workshop on the Physics of Semiconductor Devices (IWPSD 2025).
- Mr. Deewan Singh Teja (CH): for receiving the Best Poster Prize at the Theoretical Chemistry Symposium (TCS-2025).
- Mr. Lijin Lohithakshan (DES): for receiving the Best Documentary Film Award and the Film of the Festival Award at the 5th Culture Cinema Film Festival.
- Ms. Jyotirekha Dutta (CH): for receiving the SPARC Ling Award at the SPARC Conclave 2026.
- Mr. M Bobby Barnabas (CH): for receiving the Nanoscale Advances Poster Presentation Award at the 3rd International Conference in Nanoscience and Nanotechnology (ICNAN-2025).
- Ms. M. Saraya (CC): for receiving the First Prize at the Riverathon Hackathon.
- Ms. Madhumitha V (AI): for receiving the TCS Fellowship.
- Ms. Lakshmi Raja (MP): for receiving the Maitri Scholarship.
- Ms. Manaswini Ravipati (EE): for receiving the Unique Presentation Award at the 17th HOPE Meeting with Nobel Laureates.
- Mr. Mohit Singh (CE): for receiving the Best Poster Award at the PMRF Symposium.
- Mr. Mokilla Ramachandra Reddy (CH): for receiving the Best Poster Prize at the Professor A. Srikrishna Charitable Trust Symposium on Innovations in Natural Products and Synthetic Strategies (INPSS-2025).
- Ms. Neha Mishra (MSME): for receiving the Best Oral Presentation Award at the 9th International Conference on New Energy and Applications (ICNEA-2025).
- Mr. N. Shyam Sridhar (MAE): for receiving the Best Paper Award at the International Conference on Robotics and Mechatronics 2025.
- Ms. Priyanka Dewangan (PH): for receiving the Best Poster Presentation Award at the XXIII International Workshop on the Physics of Semiconductor Devices (IWPSD 2025).
- Ms. Priyanku Nath (CH): for receiving the Best Poster Presentation Award at the 18th International Conference on Polymer Science and Technology (SPSI-MACRO 2025).
- Mr. Ranjan Kumar Sahu (PH): for receiving the Best Poster Award at the IEEE–South Asia Ferroelectric Symposium 2025.
- Mr. Rudresh K (PH): for receiving the Best Presenter Award at the 2nd International Conference on Sustainable Science and Technology for Tomorrow (SciTech 2025).
- Mr. Sahil Dhiman (MAE): for receiving the IIM Swarna Jayanti Endowment Fund (SJEF) Travel Award at AAMS2025.
- Mr. Sahil Dhiman (MAE): for receiving the Best Oral Presentation Award at the IIM Annual Technical Meeting.
- Mr. Sahil Dhiman (MAE): for receiving the Best Paper Award at the Welding Research Scholar Symposium.
- Mr. Sahil Dhiman (MAE): for receiving the Best Poster Award at AERES'26.
- Ms. Sadia Basri (CIP): for receiving the Best Oral Presentation Award at the 19th International Water Association (IWA) Conference on Sludge Management.
- Mr. Sandeep Kumawat (CH): for receiving the Best Poster Presentation Award at the International Symposium on Frontiers in Sustainable Organic Synthesis and Chemical Biology (FSOSCB-2025).
- Ms. Sneha Joseph (CH): for receiving the Best Poster Award at the ICFast TOKYO-2026.
- Mr. Subhashish Guchhait (MAE): for receiving the Taylor & Francis Best Oral Presentation Award at the International Conference on Micro-Nano Fluidics 2025 (ICOM 2025).
- Ms. Sumona Garg (BT): for receiving the Best Poster Award at the X International Conference on Sustainable Energy and Environmental Challenges (X SEEC).
- Mr. Sumit Kumar Mev (PH): for receiving the Best Poster Award at the IEEE–South Asia Ferroelectric Symposium 2025.
- Ms. Suman Yadav (CH): for receiving the Best Poster Presentation Award at the International Meeting of the Battery Research Society (IMBRS 2025).
- Mr. Sunny Ladkat (LA): for receiving the Best Paper Award at the 3rd Doctoral Colloquium, Madras Institute of Development Studies (MIDS).
- Ms. Swarubini P. J. (BME): for receiving the TCS Fellowship.
- Mr. Siddharth Shrivastava (AI): for receiving the 2025 Global Google PhD Fellowship.
- Mr. Sivakalikiran (CE): for receiving the First Prize at the Riverathon Hackathon.
- Ms. Swapna Bhattu (CH): for receiving the Best Oral Presentation Award at the Joint Conference of the 10th Asian Pacific Congress on Catalysis (APCAT-10) – 4th International Symposium for Single Atom Catalysis (ISSAC-4).
- Ms. Utkarsha Mahanta (BT): for receiving the Carl Storm Opportunity Fellowship at the Gordon Research Conference (GRC-STIM 2026).
- Mr. Venkateshwaran G (CE): for receiving the Jal Shakti Hackathon Award.
- Mr. Yashwanth KB (BT): for receiving the 2nd Prize at the Quiz Competition in the “Harnessing Artificial Intelligence for Multi-Omics Data Integration and Analysis” Workshop.
- Mr. Aashish Sahu (MAE): for receiving the Best Paper Award at the International Conference on Robotics and Mechatronics 2025.
- Mr. S. Rami Reddy (MAE): for receiving the Best Paper Award at the International Conference on Robotics and Mechatronics 2025.

Vision 2030 & Beyond



- 8000+ Students
- 500+ Faculty
- 25+ Departments/
Schools
- 20+ UG Programs
- 50+ PG Programs
- 20+ Online Programs
- 50+ CoEs
- Support 50+ Villages



- 20,000+ Publications
- 3,00,000+ Citations
- 2000+ PhD Scholars
- 300+ PhD Graduation a year
- 300 Patents a year
- 500 Cr Funding a year
- 500+ Startups
- 2000 Q1 Publications a year
- 30% of funding from industry



- Green Campus
- Energy-efficient Campus
- Modularity & Flexibility
- Digital Campus
- Master Plan for 20,000
Students



- Deeptech Innovations
- Promoting Excellence
- Nurturing Interdisciplinary
Research
- Inspire inventions and
Innovations
- Locally Relevant Research
- Rural Development

Exclusive Facilities at IITH



Atom Probe Tomography (APT) is the first-of-its-kind facility in India. The LEAP 6000 XR incorporates key features from previous generations of the APT, while combining a deep UV laser pulse with a proven local electrode design for good yield and data quality.



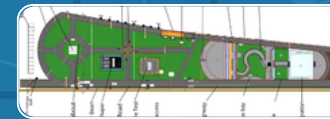
Brillouin light scattering (BLS) microscopy at IITH is the first-of-its-kind microscopy facility in India to investigate high-frequency (up to 500 GHz) magnons



Natural Language and Information Processing Lab. India's first-of-its-kind, indigenously developed, Artificial Intelligence (AI) based, government-funded, Multimodal Large Language Model (LLM) for Indian languages.



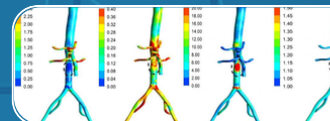
Nikon N-STORM Super-Resolution Imaging System with TIRF module and dual colour simultaneous imaging. First of its kind Single-Molecule Imaging facility in India for life-science research.



India's first integrated autonomous navigation testbed featuring advanced facilities like Windshaper, Drona – a controlled drone navigation testing centre, rainfall simulators, a 500-meter 3-lane road track for high-speed testing, and a dedicated vertiport for urban air mobility research.



The Raindrop Research Facility (RRF) simulates atmospheric conditions from clouds to the ground to improve rainfall prediction. Using machine learning-based digital in-line holography, it studies raindrop shapes and sizes at different altitudes, providing data for accurate forecasting and region-specific rainfall models.



Cardiovascular & Complex Fluid Mechanics Lab, First to establish among IITs.



Eranki Labs- First HIFU/FUS system to be Designed and Manufactured in India for Clinical and Veterinary use.



॥ नवोन्मेषेण देशनिर्माणम् ॥

భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

IIT Hyderabad Unveiled New Logo

IIT Hyderabad unveiled its official Sanskrit caption — **"नवोन्मेषेण देशनिर्माणम्"** (Navonmeṣeṇa deshānirmaaNam), meaning "Nation Building through Innovation." The caption reflects the Institute's shared vision of advancing knowledge, nurturing talent, and developing technologies that address societal challenges while contributing to the realization of a Viksit Bharat. Developed through suggestions from students, faculty and staff, the caption embodies the Institute's belief that innovation is the driving force behind national development and its enduring commitment to "Inventing & Innovating in Technology for Humanity (IITH)."

Inventing & Innovating in Technology for Humanity (IITH)

॥ नवोन्मेषेण देश निर्माणम् ॥
ಭಾರತೀಯ ಸಾಂಕೇತಿಕ ವಿಜ್ಞಾನ ಸಂಸ್ಥೆ ಹೈದರಾಬಾದ್
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

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To know more, please visit



www.iith.ac.in

