



INDIAN INSTITUTE OF TECHNOLOGY JODHPUR

At A Glance 2025





Greetings from **INDIAN INSTITUTE OF**

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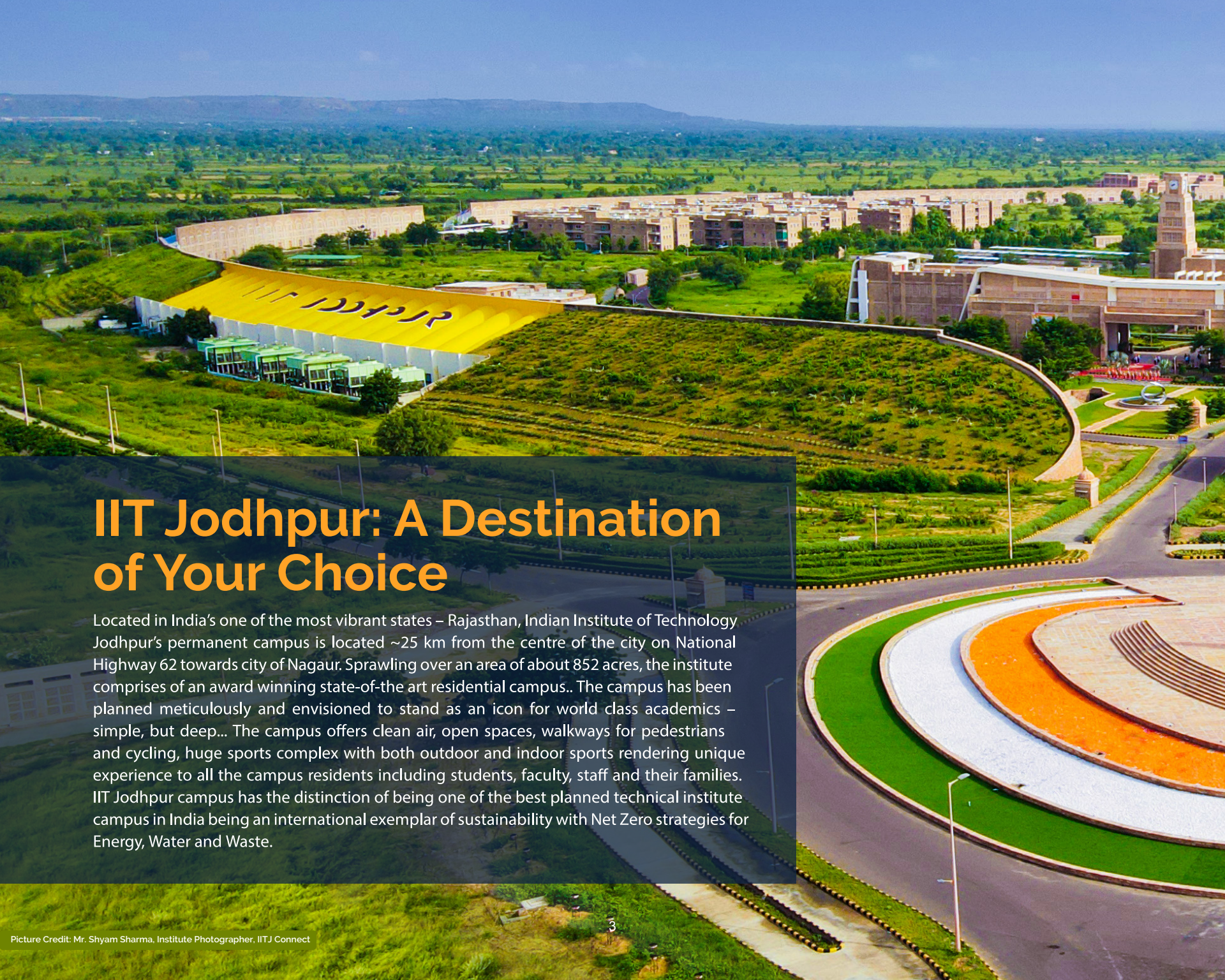
Institute Publication Committee

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June 2025



TECHNOLOGY JODHPUR



An aerial photograph of the IIT Jodhpur campus. The image shows a large, modern residential complex with multiple-story buildings in a warm, terracotta color. A prominent feature is a large, curved, yellow-roofed structure with the IIT Jodhpur logo on it. The campus is surrounded by lush green fields and a clear blue sky. In the foreground, there's a large, curved, multi-colored (green, orange, white) landscape feature. The overall scene is bright and sunny, with a clear blue sky and distant hills.

IIT Jodhpur: A Destination of Your Choice

Located in India's one of the most vibrant states – Rajasthan, Indian Institute of Technology Jodhpur's permanent campus is located ~25 km from the centre of the city on National Highway 62 towards city of Nagaur. Sprawling over an area of about 852 acres, the institute comprises of an award winning state-of-the art residential campus.. The campus has been planned meticulously and envisioned to stand as an icon for world class academics – simple, but deep... The campus offers clean air, open spaces, walkways for pedestrians and cycling, huge sports complex with both outdoor and indoor sports rendering unique experience to all the campus residents including students, faculty, staff and their families. IIT Jodhpur campus has the distinction of being one of the best planned technical institute campus in India being an international exemplar of sustainability with Net Zero strategies for Energy, Water and Waste.



Vision and Mission



A future-driven institute for nurturing excellence of thought; creating, preserving, and imparting knowledge; and using transformational technologies/ interventions with a multidisciplinary approach for responding to societal challenges and aspirations.

On completion of about a decade of its existence, IIT Jodhpur began to re-imagine and revamp its academic curriculum through a series of workshops amongst faculty members, seeking inputs from relevant experts from industry and academia. Further, through a process of brainstorming the institute has prepared its new Strategy and Vision document to define its trajectory and targets for the five years (2021-2025). The Vision and Strategy for the 5 years 2021-2025 has been crafted using the principles - namely "Re-imagine, Redefine, Disrupt, Innovate".

The document charts a path to broaden the existing vision and mission of IIT, Jodhpur, is being implemented through strategies rooted in the world/ needs of tomorrow. The Vision document also entails transformation of IIT Jodhpur into a holistic institute for knowledge creation and dissemination of all traditional and emerging technologies and their fusion for national/ societal benefits in diverse areas like industry, finance, sustainability, environment and critical problem-solving (grand challenges).

The five Mission Statements have been identified by the institute to realize the Vision (2021-25):

- Foster humanitarian values, passion for learning, and creativity in faculty and students
- Move towards high quality, futuristic educational, and research ecosystem
- Develop socially responsible faculty, students, and future leaders, committed to creating a self-reliant India
- Catalyze a professional internal culture along with enabling infrastructure and ancillary services
- Forge effective national as well as international collaboration and partnership with industry and academia for diverse purposes and activities.

Our Logo

Symbolizing New Synergy, New Ethos

Balanced & Symmetrical Design: Represents the cyclical, expanding nature of knowledge.

Cultural & Technological Fusion: Inspired by Rajasthan's heritage and IIT Jodhpur's mission.

Symbolic Elements

- **Gears** – Technological innovation
- **Sun** – Energy, renewal, and learning
- **Butterflies** – Nature, transformation
- **Sanskrit Shloka** – Ancient wisdom

Color Significance

Indigo Blue – Wisdom, intellect, depth

Golden Orange – Creativity, vitality, progress

Core Message: Merges science, technology, and nature to reflect IIT Jodhpur's commitment to sustainable, impactful knowledge creation.



Campus infrastructure

Unique features



Total area 852 acres: Fourth Largest IIT Campus



ZERO Waste Water and Solid Waste Discharge



Service Tunnel



Thermally Insulated Double Walls



Berms (Unique Structures to Deflect Sandstorms)



Decentralized Wastewater Treatment System (DWTS)



Rainwater Harvesting

Prithvi Missile System Model

A Symbol of National Pride and Scientific Excellence

Installed prominently at the main entrance of the IIT Jodhpur campus, the Prithvi Missile System Model stands as a powerful tribute to India's scientific and strategic achievements. Inaugurated in the presence of Lt. Gen. Rakesh Kapoor, AVSM, VSM, Deputy Chief of the Army Staff, Indian Army, the model reflects the Institute's deep respect for indigenous technological innovation and its commitment to nation-building.

Developed by the Defence Research and Development Organisation (DRDO) under the Integrated Guided Missile Development Programme (IGMDP), the Prithvi missile was India's first indigenously developed ballistic missile, marking a watershed moment in the country's defense capabilities.

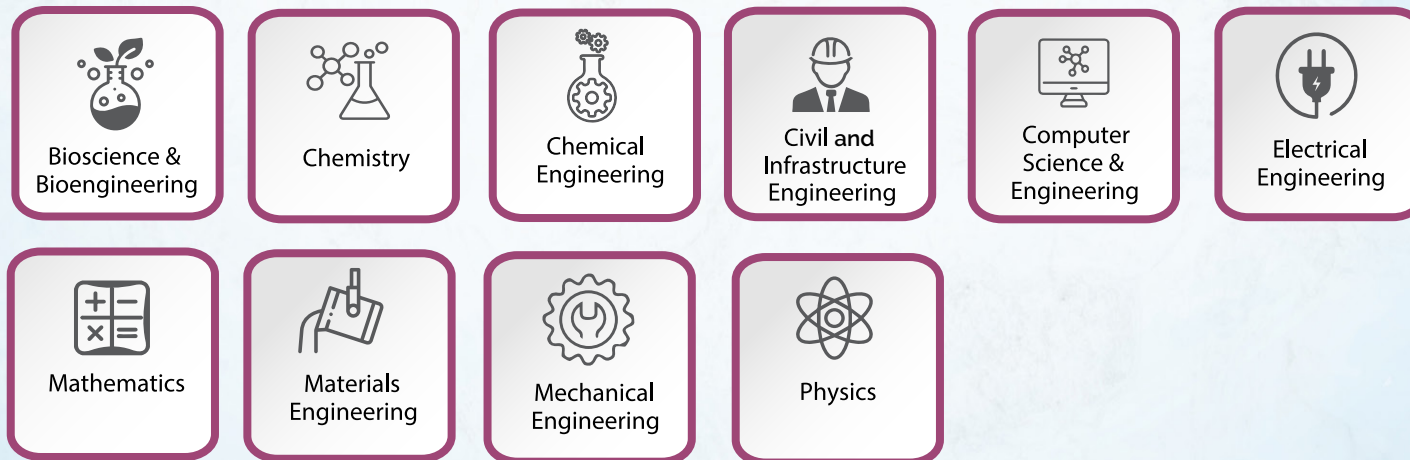
The installation serves not only as a visual landmark on campus but also as a symbol of IIT Jodhpur's growing collaboration with India's defense and scientific institutions. It inspires students, researchers, and visitors alike to strive for excellence in science, technology, and national service.

This iconic display is a proud reminder of India's journey toward self-reliance in defense technology and continues to instill a sense of patriotic fervour and technological aspiration within the campus community.

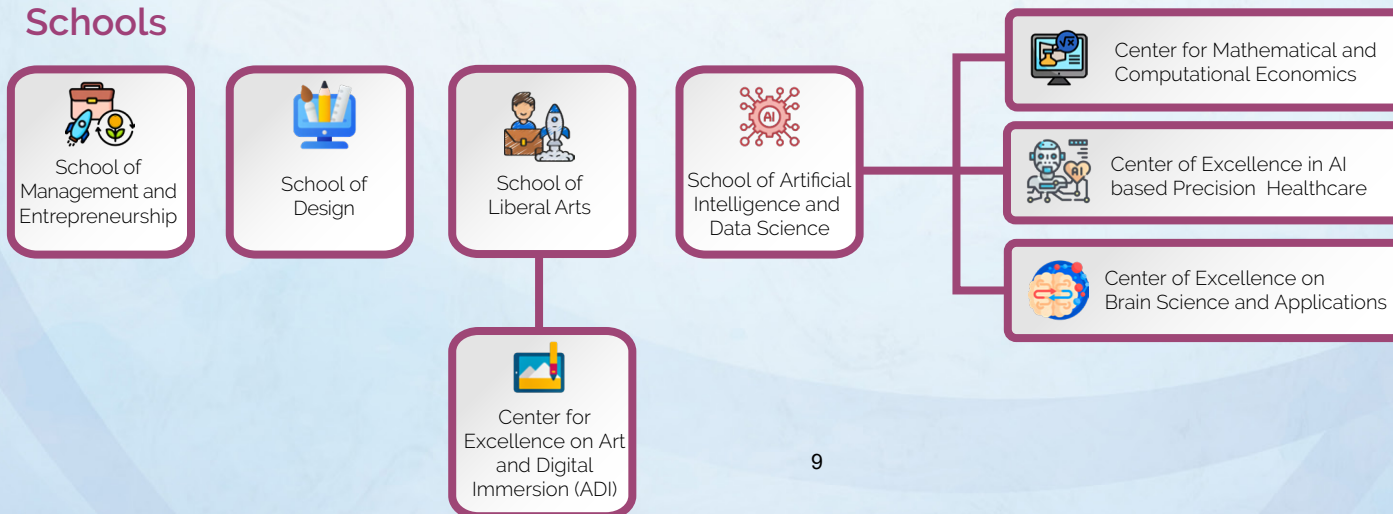
Academics @IIT Jodhpur

The Institute hosts a wide range of academic programs at Undergraduate, Post graduate and Doctoral Degree levels, across different traditional subjects as well as in emerging multidisciplinary and cross-disciplinary areas. The inherent mechanism established in the institute takes care of regular review of the curriculum and various courses thereby maintaining their relevance and usefulness in a rapidly changing technology scenarios. This exercise is carried out in consultation with subject experts from across the country as well as from other advanced countries.

Departments



Schools



Inter-Disciplinary Research Platforms (IDRPs)

Robotics and
Mobility Systems

Digital
Humanities

Smart
Healthcare

IoT and
Applications

Quantum
Information and
Computation

Space Science
Technology

IITJ-NLUJ Joint
Center on Law
and
Technology

Independent Centers

Center
for Education
Technology (CET)

Center for Emerging
Technologies for
Sustainable
Development
(CETSD)

Center for
Technology
Foresight and Policy
(CTFP)

Medical
Technology Center
(MedTech Centre)

Rishabh Center for
Research and
Innovation in Clean
Energy (RCRICE)

Manekshaw Center
of Excellence for
National Security
Studies and Research
(MCoENSSR)

Sponsored Centers

Center for
Advanced Security
Technology
Development in
CPS

Center of
Excellence in
AyurTech

Deep-Tech Bio
design Center for
Medical Technology

DRDO-Industry-
Academia Center of
Excellence
(DIA-CoE)

IITJ-JJM Center for
Sustainable
Drinking Water

IITJ-ARIES Joint
Center of
Astronomy and
Astrophysics

Joint Center

Undergraduate Programs

New curriculum: Design your own program

B.Tech. Programs



Bioengineering



Artificial Intelligence and
Data Science



Computer Science
& Engineering



Chemical
Engineering



Civil and Infrastructural
Engineering



Materials
Engineering



Mechanical
Engineering



Electrical
Engineering



Electronics Engineering

- New Broad-based Curriculum
- Flexible programme with right balance of knowledge and Hands-on Experience
- Provides opportunities for experiential learning
- Meet emerging demands of industry
- Focus on Developing technical capability in interdisciplinary areas
- Emphasize on Design thinking and Creativity from 1st year
- Option to pursue Entrepreneurship and Engineering Innovation in 8th semester
- Offers Minor, Interdisciplinary and Department Area Specialization as part of 4 year programme
- Student can opt Double B.Tech. within 4 year of programs through extra credits
- Option to convert B.Tech. into 5-year B.Tech. + M.Tech. Dual Degree in 7th semester
- Newly introduced technology - oriented B.S. programs with specializations in emerging technology domains
- BS program also provides an opportunity for a dual degree

Option to pursue Minor / Interdisciplinary Specializations

1. Artificial Intelligence (AI)
2. Cyber Physical Systems (CPS)
3. Internet of Things (IoT)
4. Smart Healthcare
5. Management
6. Entrepreneurship
7. Engineering Innovation

Bachelor of Science Programs



Physics with
Specialization



Chemistry with
Specialization

B.Sc.-B.Ed.



B.Sc.-B.Ed.

B.Sc./ B.S.



Applied AI and
Data Science

For More Information
Scan Me

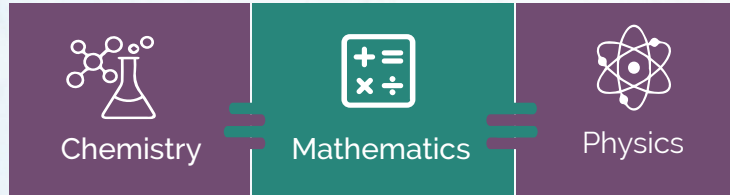


Post Graduate Programs

Preparing for Invention & Innovation

M.Sc. Programs

Science



Social Science



Medical Technologies

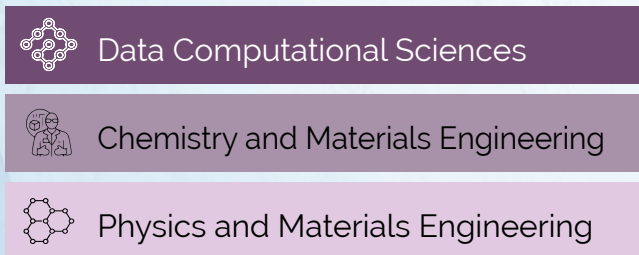


MBA



Provide academic rigor and innovation, not extreme specialization, rather flexibility and comprehensive knowledge with microspecializations

M.Sc. - M.Tech.



Scientific reasoning and development of analytical problem solving skills for future breakthroughs in new frontiers

Master of Design (MDes)



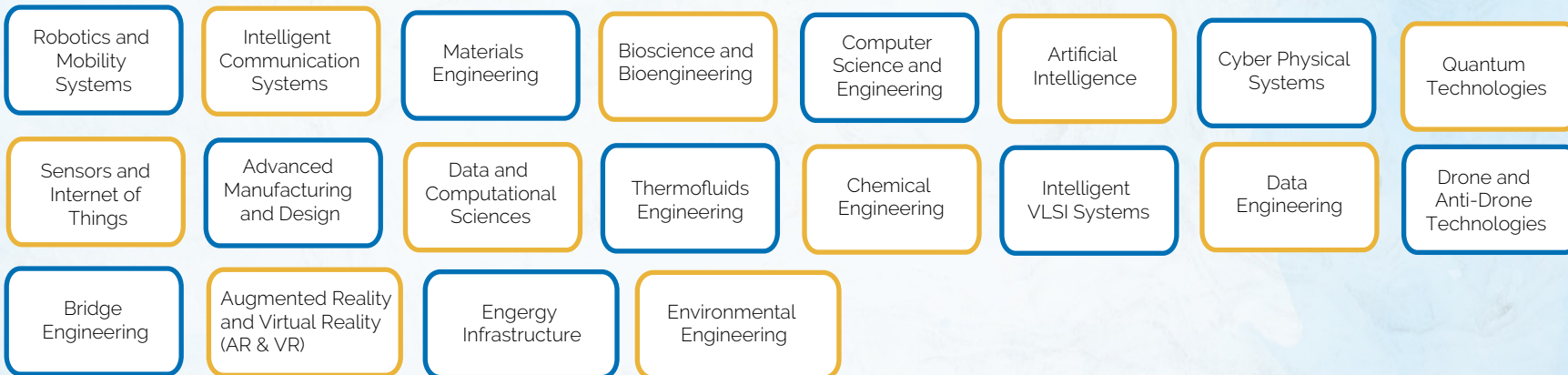
Build a strong foundation of knowledge, pursue excellence in academics and enhance creativity in an intellectually stimulating environment

For More Information Scan Me



Post Graduate Programs **PREPARING FOR INVENTION & INNOVATION**

M.Tech.

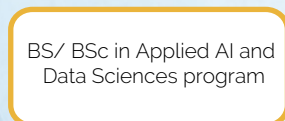


Online and Executive Programs

Executive MTech Programs



Online UG Program



Online PG Diploma program

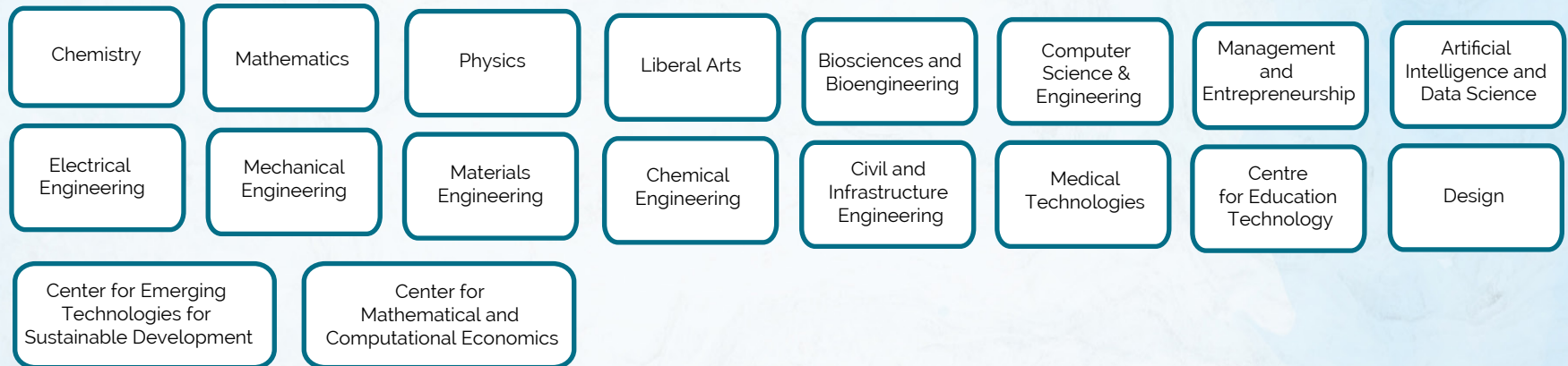


Online PG Certificate program



Research Programs

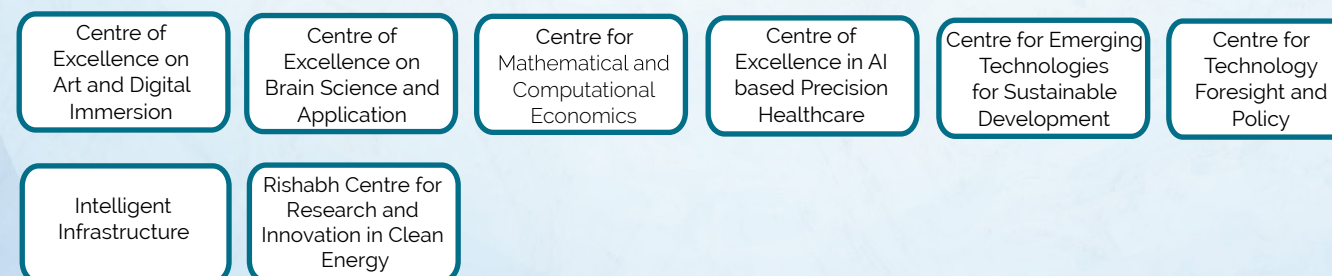
Ph.D.



Interdisciplinary Ph.D.



M.S. by Research program



R&D Landscape Aligned with Viksit Bharat

Thrust Areas



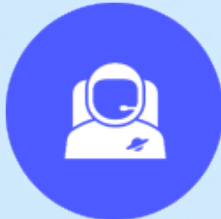
Major Research Initiatives @ IITJ



DST Hydrogen Valley -
Jodhpur Hydrogen Valley
Innovation Cluster (JHVIC)



Water related initiatives-
IITJ-JJM Center for
Sustainable Drinking Water



DRDO-Industry-Academia
Center of Excellence:
Advancing Defense
Technology and Innovation



Manekshaw Center of
Excellence for National
Security Studies and
Research (MCoENSSR)



AyurTech CoE sponsored by
Ministry of Ayush, Gol



Deep-Tech Bio design
Centre for Medical
Technology

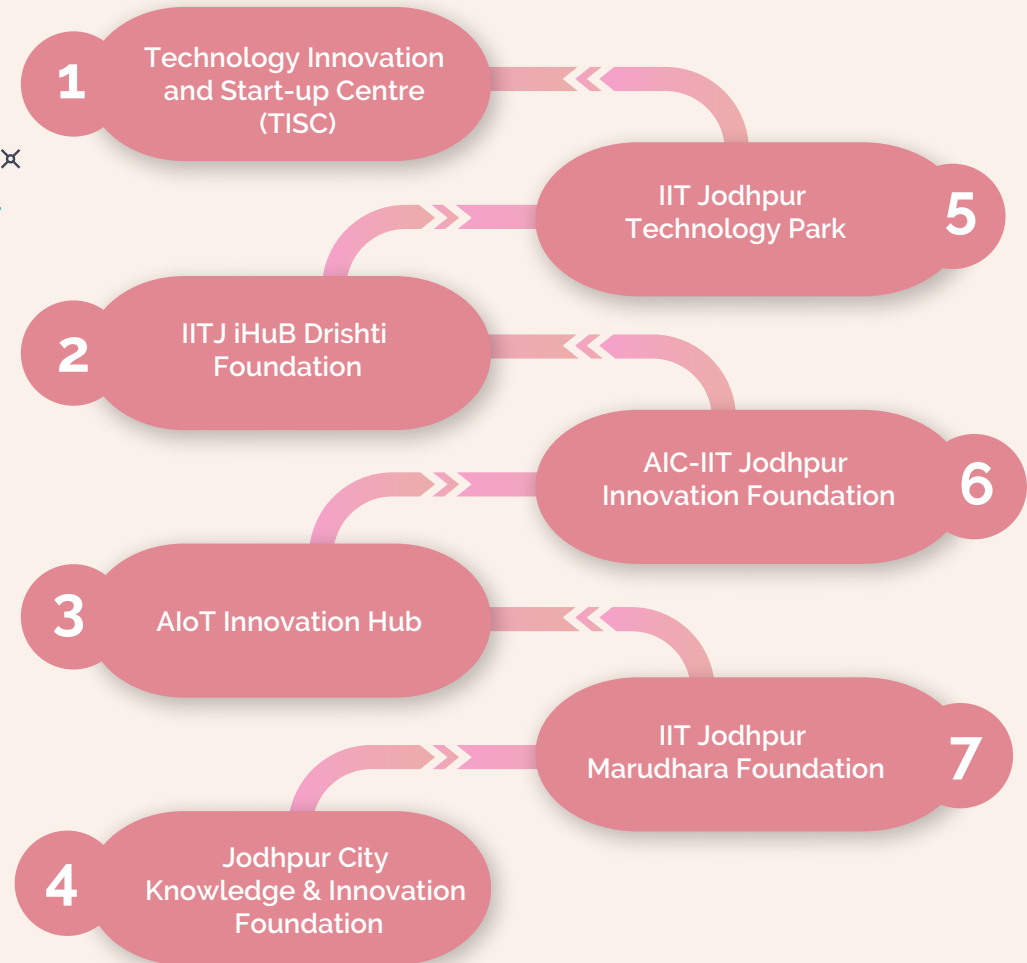
Manekshaw Center of Excellence for National Security Studies and Research (MCoENSSR)

IIT Jodhpur has officially inaugurated the Manekshaw Centre of Excellence for National Security Studies and Research (MCoENSSR), named after Field Marshal Sam Manekshaw. The centre is a Special Purpose Vehicle (SPV) that aims to foster collaboration between academia, government, and industry to address national security challenges and develop a "Security Industrial Complex" under Atmanirbhar Bharat. It will focus on interdisciplinary research in UAVs, anti-drone systems, directed energy weapons, and emerging technologies. The MCoENSSR will offer curated courses for personnel from Defence Forces, Security Agencies, and Law-Enforcement Organizations, focusing on next-gen hybrid warfare and emerging technologies. It will also provide research-based solutions to cater to new-age national security requirements. The centre will work in partnership with Indian military institutions to offer courses and organize events.



Innovation Ecosystem at IIT Jodhpur

Section-8 companies



Our Faculty

277
Total
Faculty

157

Assistant
Professor

75

Associate
Professor

40

Professor

02

Professor of
Practice

02

Visiting Professor

01

Distinguished
Professor

Engagement with Industry

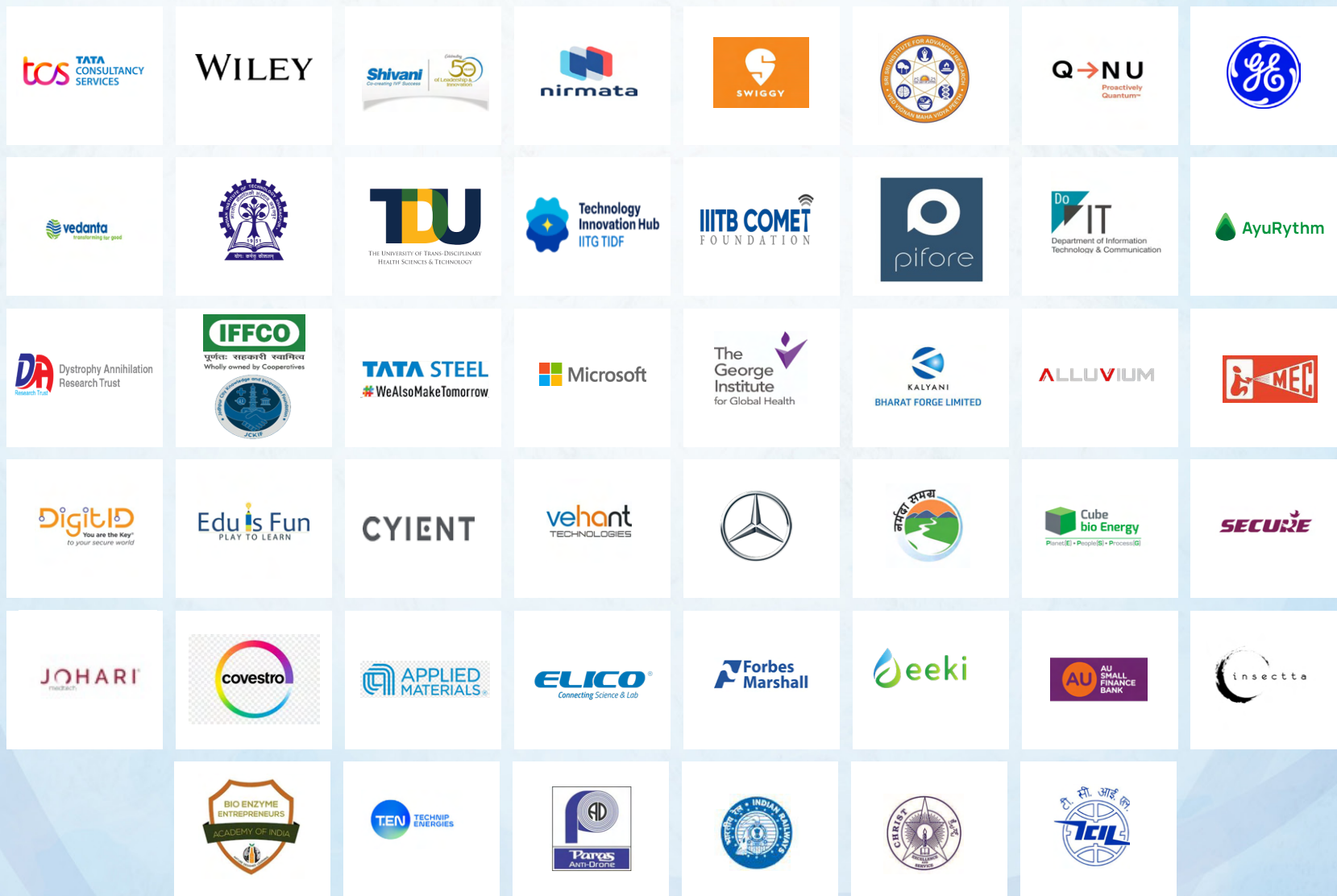


Collaborations (Academic Institutions)

The Institute collaborates with several institutes and organizations of national and international reputation for furthering its academic and research activities, which include joint academic and research activities including conduct of academic courses, projects, publications, technology development.



Collaborations (Government bodies and Industries)





Central Research Facility

The Central Research Facility (CRF) at IIT Jodhpur provides researchers with access to high-end equipment for multidisciplinary research. It is registered with the I-STEM portal of the Govt. of India and manages an external booking system for users across the country.



S. R. Ranganathan Learning Hub

The Library supports the teaching and research activities of the Institute by facilitating acquisition, organization and dissemination of knowledge resources, and also providing library & information services to IIT Jodhpur community.

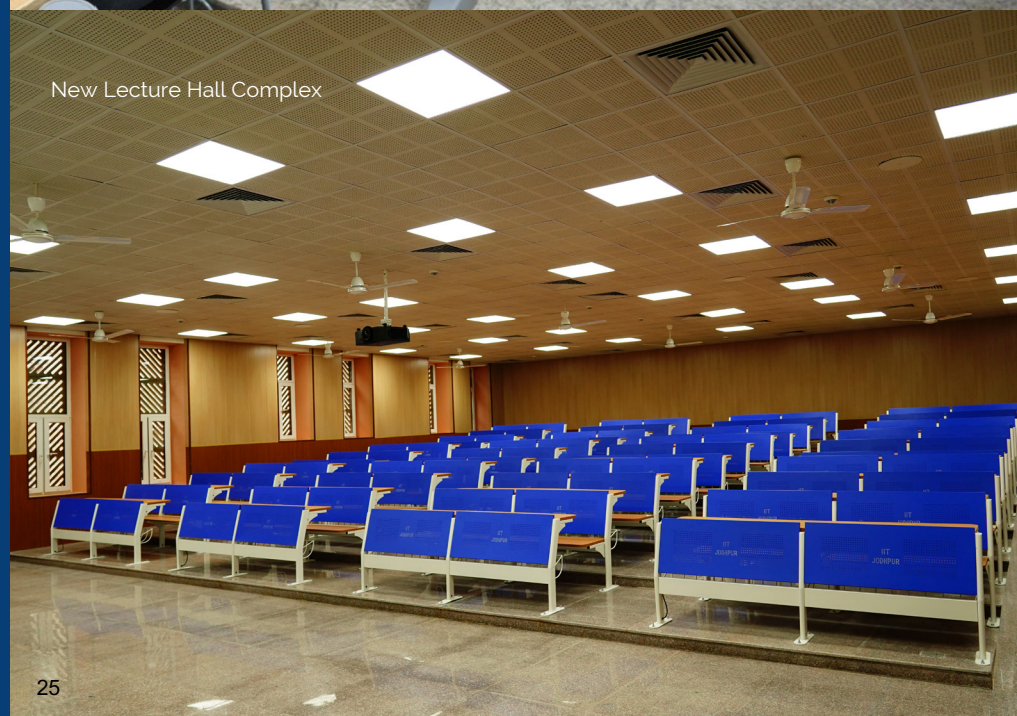
It houses a rich and growing collection of books, journal resources and databases catering to various information requirements of the users and provides seamless access to information both on-campus and off-campus. Most of the information being the digital form it can be accessed by the faculty and staff remotely from any location having internet facilities.





State-of-the-art Teaching Facilities

The institute has two lecture hall complexes equipped with the state-of-the-art digital technologies facilitating blended/hybrid mode of teaching. One caters to the classroom instruction requirement of a student strength of 1500 (approx.) including two large lecture halls of capacity of 320 and 625 seats. The new lecture hall complex houses 3 classrooms of 160 seating capacity, each. Additionally, every department building has its own well-equipped classrooms and teaching laboratories.



New Lecture Hall Complex



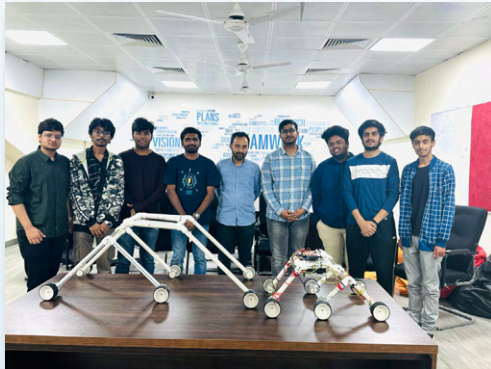
Digital Infrastructure & Automation (DIA)

The Digital Infrastructure and Automation (DIA) at the Indian Institute of Technology Jodhpur, serves as a key foundation for the institute's research, innovation, and technological advancement. DIA facilitates end-to-end network infrastructure to all users with a total of 9 Gbps internet capacity, Cert-In compliant cyber security measures, and a user-friendly website following GIGW guidelines. DIA operates a virtualization cluster with over 100 virtual machines on high-end servers, and offers an HPC facility with substantial resources, including AI supercomputers along with laboratory facilities. DIA also provides access to several licensed software including MATLAB, Mathematica, Cadence, Ansys etc. ERP modules, including HR, Academics, Accounts, R&D etc., support academic and administrative functions, contributing to the institute's objective of promoting efficiency and cutting-edge technology.



ANVISA (A Novel Innovation Space)

Indian Institute of Technology (IIT), Jodhpur proudly presents its cutting-edge Tinkering Lab: ANVISA (A Novel Innovation Space), dedicated to nurturing innovative ideas in science, technology, and entrepreneurship. Supported by the Academic and Co-Curricular Activity Council, Here's a glimpse



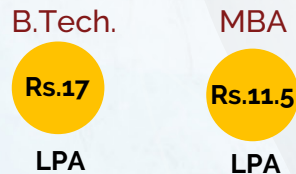
Training and Placement

200+ companies participated in Internship and Placement drives

Total no. of students already placed:



Average salary offered to the students

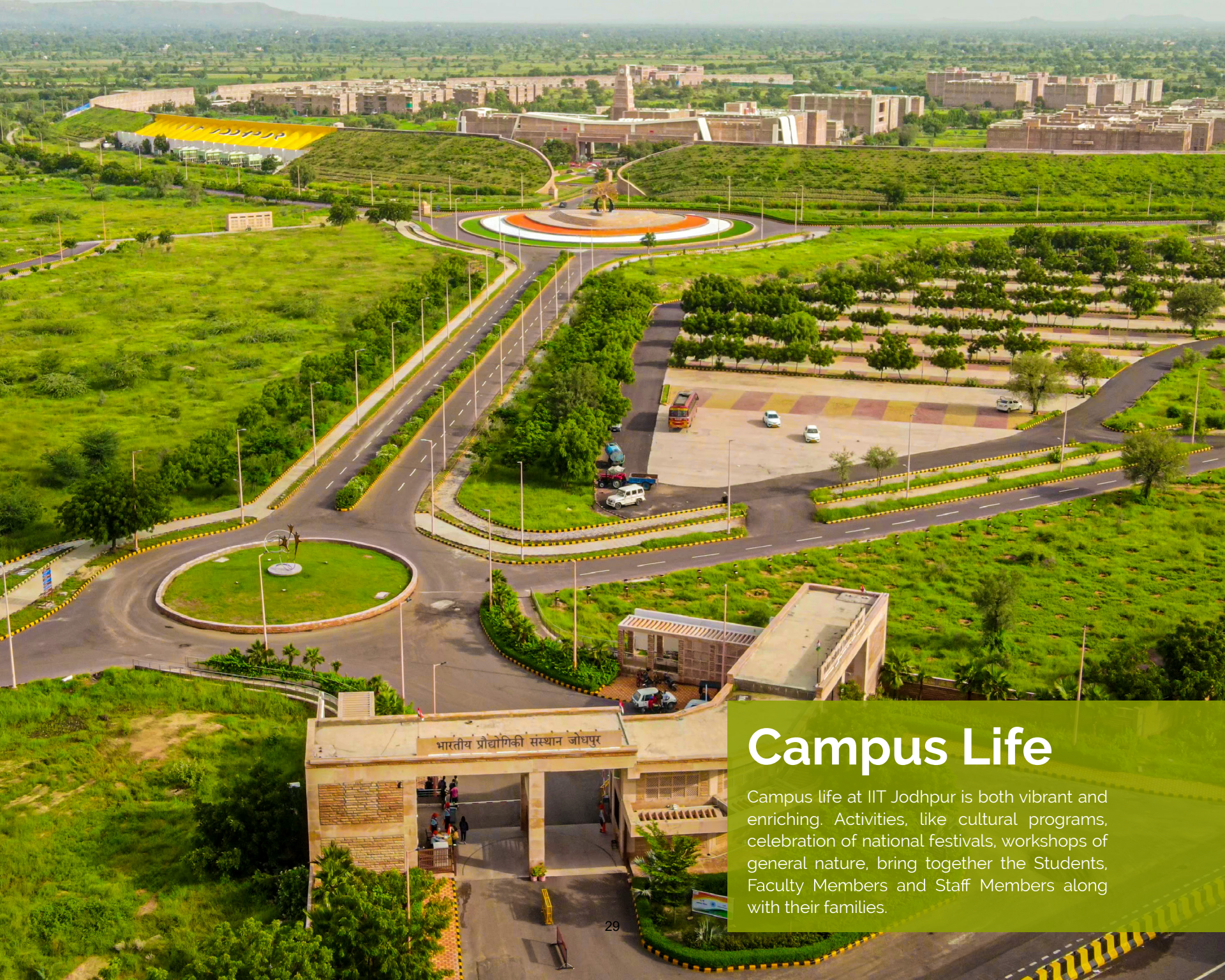


Maximum salary offered to the students:



OUR CAMPUS RECRUITERS





Campus Life

Campus life at IIT Jodhpur is both vibrant and enriching. Activities, like cultural programs, celebration of national festivals, workshops of general nature, bring together the Students, Faculty Members and Staff Members along with their families.

Campus Life



Campus Facilities



Grocery Store (Fresh N Green)



Bank



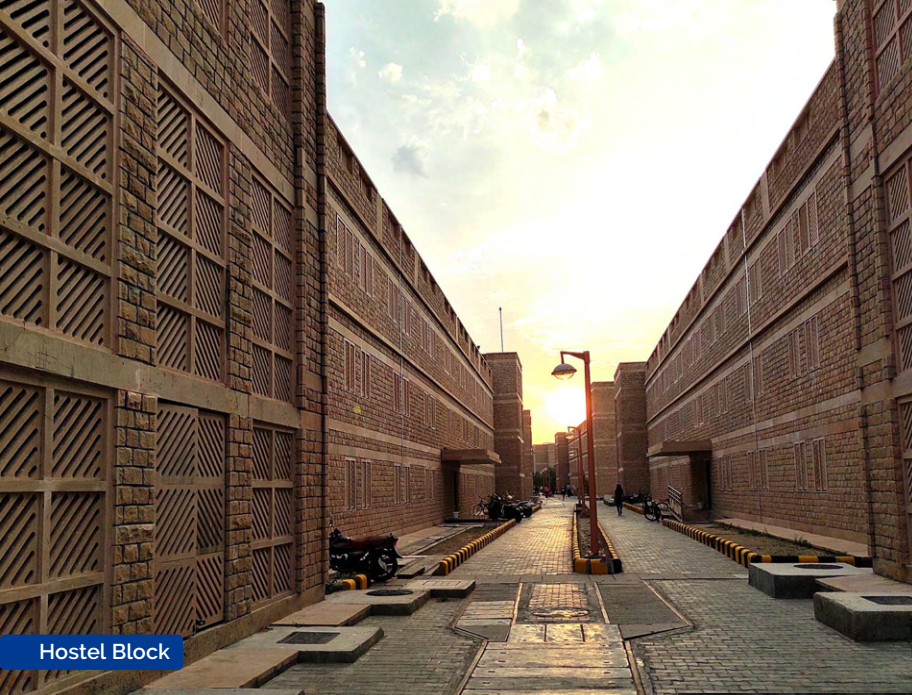
Health Centre



Tea Stall



Student Mess



Hostel Block



Food Court (Shamiyana)



Indoor- Outdoor Sports Facilities



Art Installations

The Institute has developed various theme based artworks within the campus to enhance its beauty.



The Brain Tree

Standing tall as you take in the massive scale of IIT Jodhpur is the rightfully coined Brain Tree. Depicting two halves of nature and technology, man and woman it truly shows the spirit of IITJ combining the best of both worlds and working together in symphony. The Brain Tree, a symbolic amalgamation of natural sciences and technology, embraces all who walk through the gates of IIT Jodhpur. With growing branches of leaves symbolizing life and development on one side and neurons and electronics representing the advancement of technology on the other, the tree is a constant source of motivation for the students, faculty and staff to expand their knowledge. The tree also supports collaborative authoring and social annotation, and it cautions that some wisdom lies beyond human prerogative. Just like a tree, students here symbolize growth of the technological mind while also being rooted in values and aiming for the skies.

Friendship Fountain

The Friendship Fountain has been developed to enhance the beauty of the campus and installed in front of Chanakya Complex, the administrative building. It is a sculpture made from steel and decorated with jet brown granite boundary.



on IITJ Campus

Murals on the Berm outer surface

While the inner spaces of the berms are used for housing various facilities and amenities, the outer surface of these berms have been painted thematically representing the five natural elements commonly known as the Pancha Mahabhuta in Indian philosophy that are - Prithvi (Earth), Apas or Jala (Water), Tejas or Agni (Fire), Vayu (Air), and Akasha (Space or Ether). These five elements form the foundation of many Indian sciences and traditions, including Ayurveda, Yoga, and classical Indian Architecture (Vastu Shastra). The paintings extend over a linear length of more than 1265 m and a garden is also developed over the berms upto a stretch ~ 500 m long. While the berms showcase the grand fort like structure during the day time, the façade lighting enhances their elemental beauty during evening hours.



Circle of Success

The Circle of Success is installed in front of Jodhpur Club. This sculpture represents the circular dance of knowledge like the cosmic dance of Nataraja - an interplay of the circles of creation, preservation and destruction - besides the balletic form of the compass upon a drawing board releasing ripples in the form of circles. Science itself is a tool giving expression to thought and imagination. The circle is a universal symbol representing perfection, eternity. The circular form is also used to represent the Zero which was first used in India as a value on its own.



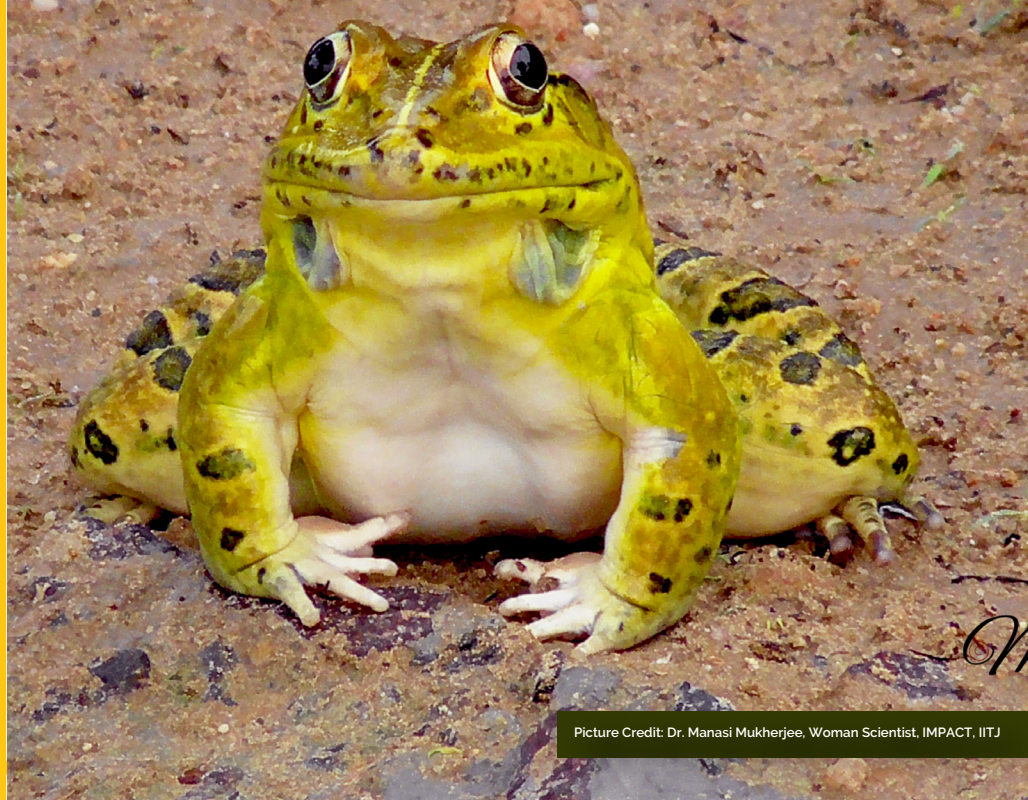
Unveiling of Divine Presence at IIT Jodhpur's 11th Convocation

During the 11th Convocation of IIT Jodhpur, the divine presence of Maa Saraswati Ji and Maa Laxmi Ji was unveiled invoking blessings of wisdom and prosperity for the campus community. This sacred event added a spiritual dimension to the convocation ceremony, symbolizing the institute's reverence for knowledge and well-being.

Our co-habitants

The IIT Jodhpur Campus is home to several species of native flora and fauna. Black Bucks, Chinkaras, Nilgais, Jackals, Snakes and the historical Khejri trees.





Picture Credit: Dr. Manasi Mukherjee, Woman Scientist, IMPACT, IITJ



Expanding Horizons, Shaping Futures



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