

# Engineer your future with AI

AI-First **B.Tech** Program at Hi-Tech  
Institute of Engineering & Technology



# India's Next-Gen Innovators Are Being Held Back by Old-Gen Education

AI is set to transform every industry — from health and finance to mobility and education. According to McKinsey and the World Economic Forum, millions of new AI-related jobs will emerge in the coming years. However, less than 30% of Indian engineering graduates are currently equipped with the skills required to take on these roles.

**1.5 million**

engineers graduate annually, but only

**46%**

are employable



**Just 10%**

land jobs in AI and tech fields

**Only 2%**

of AI and tech professionals earn more than

**₹30 LPA**

## We Need a Radical Rethink

# Reboot. Rebuild. Reinvent.

MSOT is designed for this moment — offering AI-first B.Tech program in collaboration with leading college partners, real-world mentorship, innovation labs, and a career-ready curriculum. The future won't wait — and neither should you.

## At **Mirai School of Technology**, you don't just study AI.

You Code, build, and deploy real AI solutions—starting Day 1.

■ Sources: McKinsey Global Institute, World Economic Forum, Analytics India Magazine, Wheebox.



# Meet The Founding Team

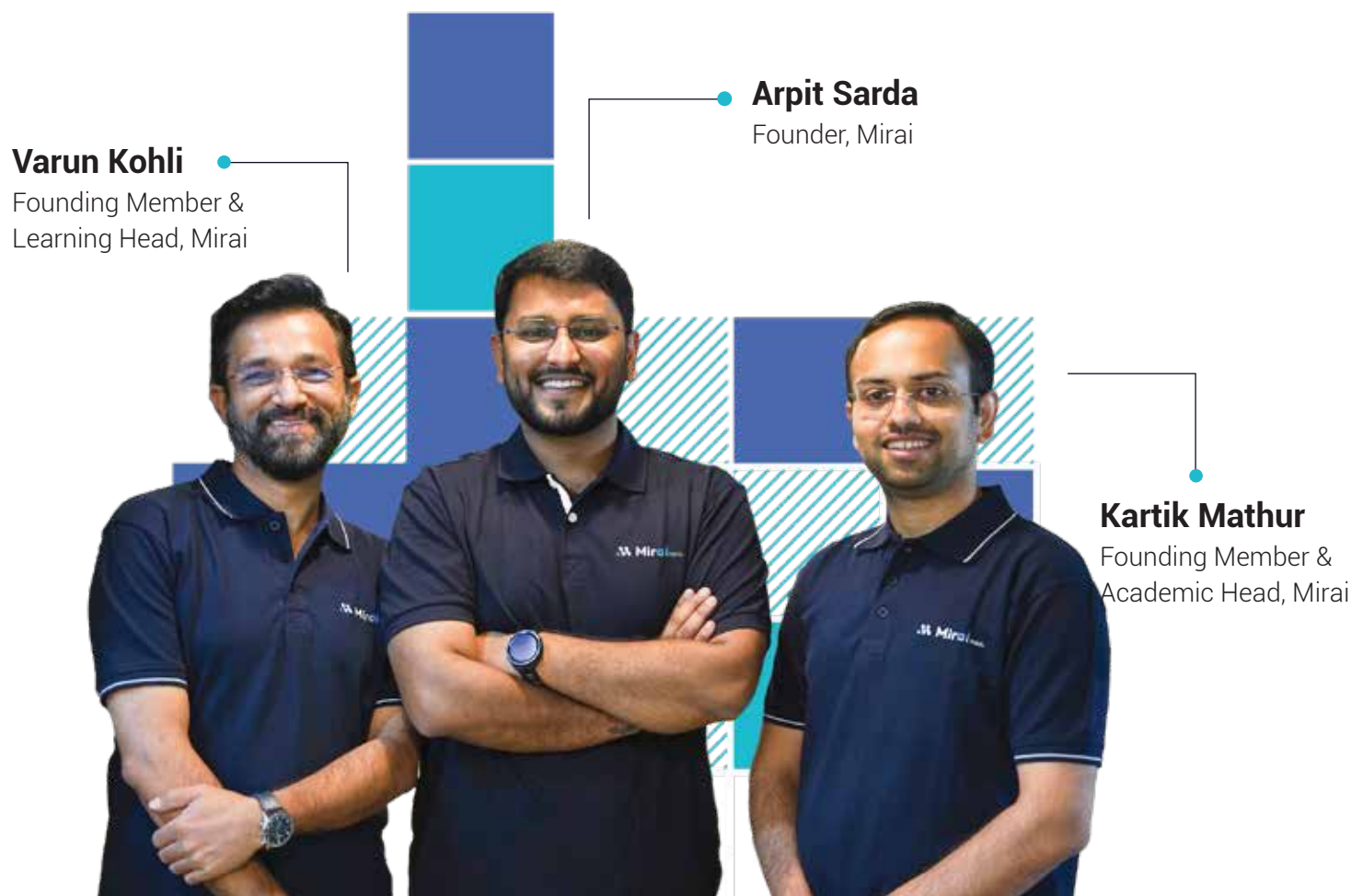
At MSOT, we're reimagining how tech education should work—by putting real builders at the heart of it.

Mirai School of Technology was born from a shared belief: the next era belongs to those who build with AI, not just learn about it. At MSOT, we're reimagining how tech education should work—by putting real builders at the heart of it.

Leading this mission is Arpit Sarda, a CS graduate from BITS Pilani and Postgrad from IIM Kozhikode, with global experience at JP Morgan and Cars24.

Joining forces with him are Kartik Mathur and Varun Kohli, co-founders of Coding Blocks, one of India's top tech education platforms. Kartik, an NSUT graduate and renowned educator, has trained over 50,000 students—many now at Google, Microsoft, and Amazon. Varun, with 20+ years in EdTech and IT, has led institutions like Vidyamandir Classes and Chanakya IAS, shaping tech learning at scale.

With experts like **Arpit**, **Kartik**, and **Varun** shaping your journey, you're not just learning from educators—you're learning from builders.



# The Mirai Advantage

## Built for what's next



### AI-First Education

Stay ahead with the tools, stacks, and trends that will shape 2030 and beyond.



### Code with AI from Day 1

Start building real AI-powered applications right from your very first class.



### Infra Designed for Coders

Code in smart classrooms, with robotics & Apple labs featuring built-in debugging zones.



### Selection of Top 20%

Study with a selective, merit-based cohort, fostering peer learning and competition.



### Tech Practitioners as Teachers

Learn directly from industry experts working with GenAI, LLMs, and code copilots.



# Discover Mirai's AI-First Education

MSOT's curriculum isn't just about learning theory; it's about mastering the AI tools and technologies that will shape tomorrow's world. We combine multidisciplinary learning with cutting-edge industry knowledge, giving students an unparalleled understanding of the fast-paced AI sector.

Explore future-ready tech program offered at top partner colleges.



## B.Tech CS (AI/ML)

Future-ready engineering degree with AI at its core, built for real-world impact.

## Mirai vs Traditional Education

| Key Factors              | Mirai                                 | Traditional Education     |
|--------------------------|---------------------------------------|---------------------------|
| Curriculum Focus         | Tech-driven, AI-first curriculum      | Outdated                  |
| Learning Approach        | 30+ real-world AI projects            | Theoretical learning      |
| Certifications           | 8+ AI certifications                  | Minimal certifications    |
| AI Tools Exposure        | 15+ cutting-edge AI tools             | Limited AI tools exposure |
| Internship Opportunity   | Chance to get 6-month paid internship | Unpaid or no support      |
| Mentorship Network       | 20+ career mentors & experts          | Lack industry exposure    |
| Classroom Infrastructure | Smart classrooms & Apple labs         | Basic classrooms          |
| Placements               | 100% placement support                | Limited support           |
| Personal Laptop          | Apple MacBook                         | Not included              |



# The AI-First Curriculum Advantage

Mirai's AI-first curriculum runs alongside your college curriculum, blending core computer science and software engineering with hands-on AI applications, creating an enhanced learning experience and preparing you for real-world challenges.

## Mirai's Curriculum Track for B.Tech

Get hands-on with real code, AI tools, and industry-grade projects from day one of your B.Tech journey.

### Year 1: Building AI Foundations

#### Skills & Technologies

Python | JavaScript | C++ Programming | NodeJS

#### Core Subjects



Maths for AI



Advanced DSA  
in C++



Introduction to Data  
Science & Programming



Front-End Web  
Development

#### Real-World Outcomes



Industry immersion  
in healthcare, retail  
& e-commerce



Detect patterns  
like Netflix's  
recommendation  
engine



Create a job portal  
with real-time  
matching like Naukri



Participate in  
hackathons like SIH,  
ACM-ICPC, and more

# Year 2: Creating Practical Models

## Skills & Technologies

NoSQL | ReactJS | NumPy | Linux

## Core Subjects



DBMS and OS



Machine Learning  
& NLP



Computer Networks  
& System Design



Deep Learning

## Real-World Outcomes



Industry immersion  
in finance, fintech,  
& manufacturing



Build a cloud  
monitoring tool like  
AWS CloudWatch



Create a real-time  
object detection like  
Tesla's Autopilot



Compete in GSOC,  
Imagine Cup & more  
global events



# Year 3: Mastering Advanced AI

## Skills & Technologies

LLM Model Creation | Neural Networks | Prompt Engineering | Data Visualization

## Core Subjects



CyberSecurity



System Design (HLD)



GenAI



Blockchain

## Real-World Outcomes



Industry immersion  
in automotive and  
cybersecurity



Build a decentralized  
storage system like  
Dropbox



Create an e-voting  
platform like  
Microsoft Forms



6-Month paid  
Internship  
opportunity at top  
tech firms



# Year 4: Driving Change

## Skills & Technologies

NLP | Azure | AI Deployment | OpenCV

## Core Subjects



DevOps & Cloud  
Computing



Software  
Engineering



.NET  
Development



Spring Boot

## Real-World Outcomes



Industry immersion  
in logistics, HR, and  
supply chain



Build  
CloudKart – Scalable  
e-commerce like  
Shopify



Develop  
FinGuard – Secure  
digital wallet like  
PayPal



Get placed at top  
product and tech  
companies



# Learn From AI & Tech Experts

Get mentored by experts from top global tech companies and gain real-world skills that set you apart.



**Raghav Aggarwal**

System Engineer II, Google  
J.C. Bose University of Science and Technology



**Abhishek Srivastava**

Product Engineer, ex-DE Shaw  
IIIT Delhi



**Kanak Gautam**

Product Engineer, ex-NIC Tokyo  
IIT Roorkee



**Shubham Khanna**

Senior Software Engineer, Agoda  
MVN University



**Susmitha Lalam**

SDE 2, Amazon  
Vellore Institute of Technology



**Arnabi Mitra**

SDE 2, Amazon  
Govt College Of Engineering & Leather Technology



**Tushar Agarwal**

Computer Scientist II, Adobe  
Delhi College of Engineering



**Shasank Pandey**

Senior Software Engineer, Infuit  
West Bengal University of Technology



# 100% Placement Support For Future-Ready Careers

Get career-ready with global certifications, real-world projects, and dedicated 100% placement support from top tech mentors.



## 20+ Career Mentors & Hiring Experts

Personalized career guidance, mock interviews, and resume building, from a team that has placed over 10,000 students—and counting.



## AI-Focused Industry Certifications

Earn globally-recognized AI, cloud, and data science certifications, designed with top tech companies to boost skills.



## Paid Internships & 6-Month Apprenticeship Opportunities

Get hands-on experience with real-world AI projects at leading tech firms, enhancing your career with industry exposure.

## Global Tech Competitions

Showcase your skills at top AI and coding challenges like:



## Top AI Conferences & Seminars

Participate in the most prestigious global AI events like:



and many more...



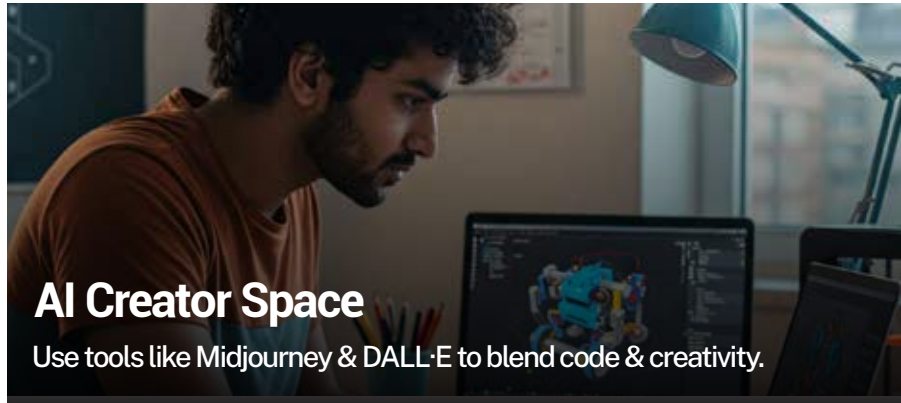
# Life@Mirai

Your life beyond classroom



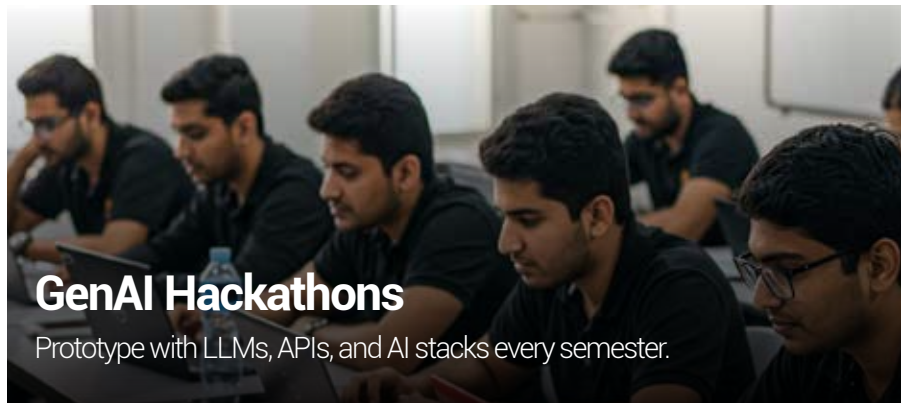
## Co-Pilot Coding

Code with GitHub Copilot, ChatGPT & AI assistants.



## AI Creator Space

Use tools like Midjourney & DALL·E to blend code & creativity.



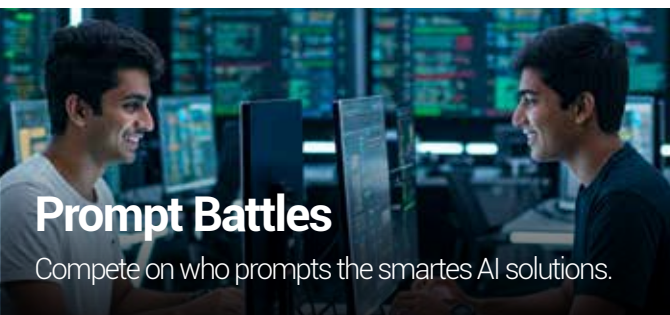
## GenAI Hackathons

Prototype with LLMs, APIs, and AI stacks every semester.



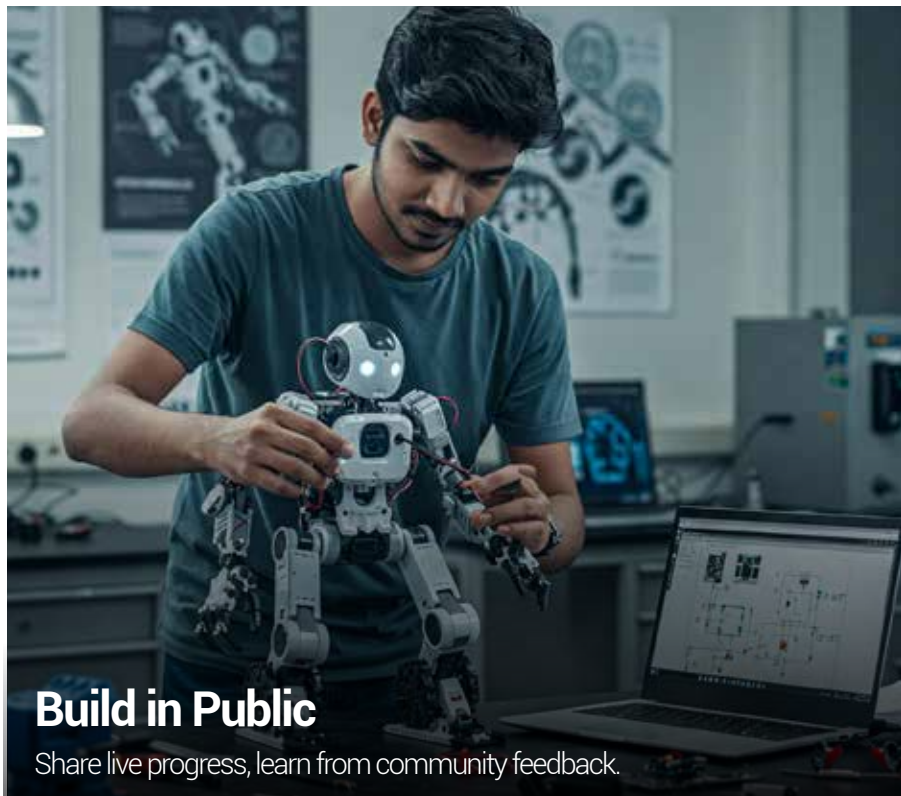
## Vibe Coding Sessions

Deep focus and collaborative sprints.



## Prompt Battles

Compete on who prompts the smartest AI solutions.



## Build in Public

Share live progress, learn from community feedback.



# Campus Built For The AI Era

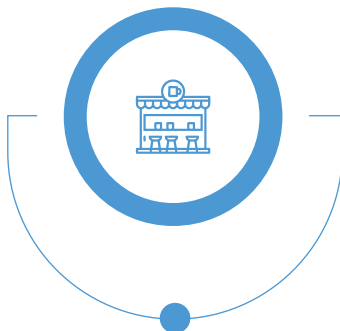
Experience AI-first undergraduate tech program at Hi-Tech Institute of Engineering & Technology, designed and delivered in collaboration with Mirai School of Technology.

## Hi-Tech Institute of Engineering & Technology Ghaziabad, Uttar Pradesh



Learn in AI-powered smart classrooms and Apple labs

Spacious cafeteria and hygienic mess with diverse meals



Located in Ghaziabad, Hi-Tech Institute offers easy access from across NCR and beyond

16-acre green campus built for focused learning



# Campus Amenities

Modern spaces designed to power hands-on learning, collaboration, and innovation.



## Mirai Hub

Smart classrooms for immersive, AI-driven learning.



## Mirai Lounge

A collaborative space for students to innovate & connect.



## MiraiVerse Lab

A creative space for building AI-powered virtual experiences and synthetic worlds.



## Sentient Robotics Lab

Dedicated space for robotics and autonomous systems.



## The AI Forge

Apple Labs and AI-powered coding arena.



## AI Tools from Day One

GitHub Copilot, ChatGPT, GCP & more included.

# Fee Structure

Semester-wise break-up of B.Tech course fees.

## B.Tech CS (AI/ML) Fee Structure

| Year             | Odd Sem   | Even Sem  | Total      |
|------------------|-----------|-----------|------------|
| Registration Fee | ₹ 25,000  | -         | ₹25,000    |
| Year 1           | ₹1,37,500 | ₹1,37,500 | ₹2,75,000  |
| Year 2           | ₹1,22,500 | ₹1,22,500 | ₹2,45,000  |
| Year 3           | ₹1,13,750 | ₹1,13,750 | ₹2,27,500  |
| Year 4           | ₹1,13,750 | ₹1,13,750 | ₹2,27,500  |
|                  |           |           | ₹10,00,000 |

The fee mentioned above covers only academic tuition and MSOT charges. Additional expenses, such as university registration, and examination fees, will be payable separately by the student as per actual costs.



# Your Home Beyond Classrooms

Comfort, community & care, a **hostel experience** built for student success.

## Hostel Room Options & Fees

| Room type             | Annual fee | Gender        |
|-----------------------|------------|---------------|
| Non-AC Double Sharing | ₹75,000*   | Male & Female |
| AC Double Sharing     | ₹1,00,000* | Male & Female |

\*Electricity is fully included in the fee for non-AC rooms. AC rooms come with inclusive usage, with minimal charges applicable for additional consumption.



## All-Inclusive Dining

Enjoy 4 wholesome meals daily

01

Breakfast

02

Lunch

03

Snacks

04

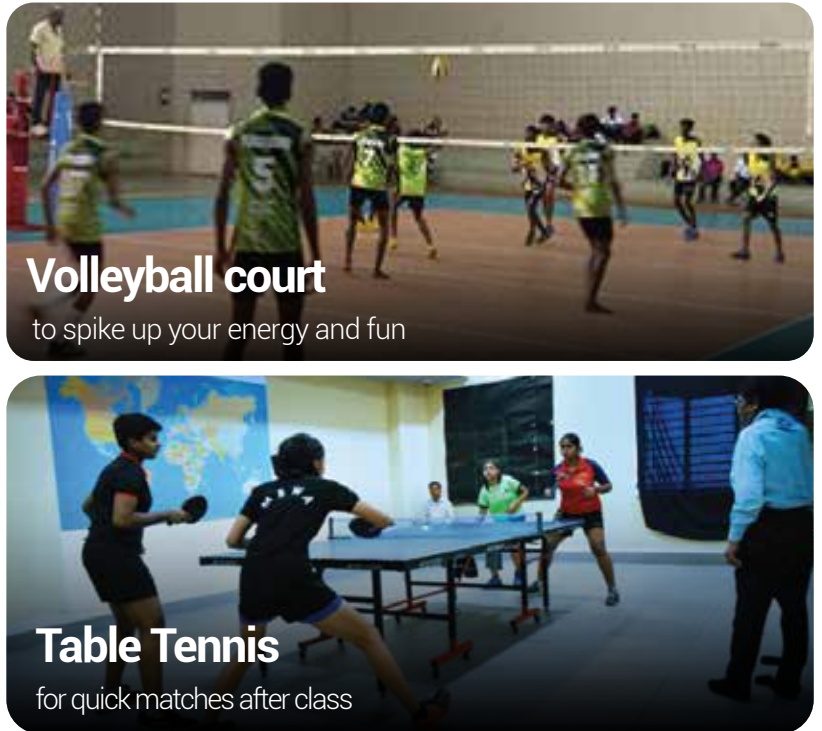
Dinner

A balanced menu designed for energy and focus, so you never miss out, even on your busiest days.

# Live Smart. Learn Better.

More than just accommodation, it's a lifestyle. With well-planned shared spaces and engaging activity zones, students enjoy a complete and enriching campus life.

## Hostel Amenities Include



**Gymnasium**  
(In Boys Hostel)



**Induction**  
Cooktops



**Filtered Water**  
Coolers



**High-speed**  
Wifi



**Hot Water**  
Geyser



**24\*7 Security**  
Personnel



**CCTV**  
Surveillance

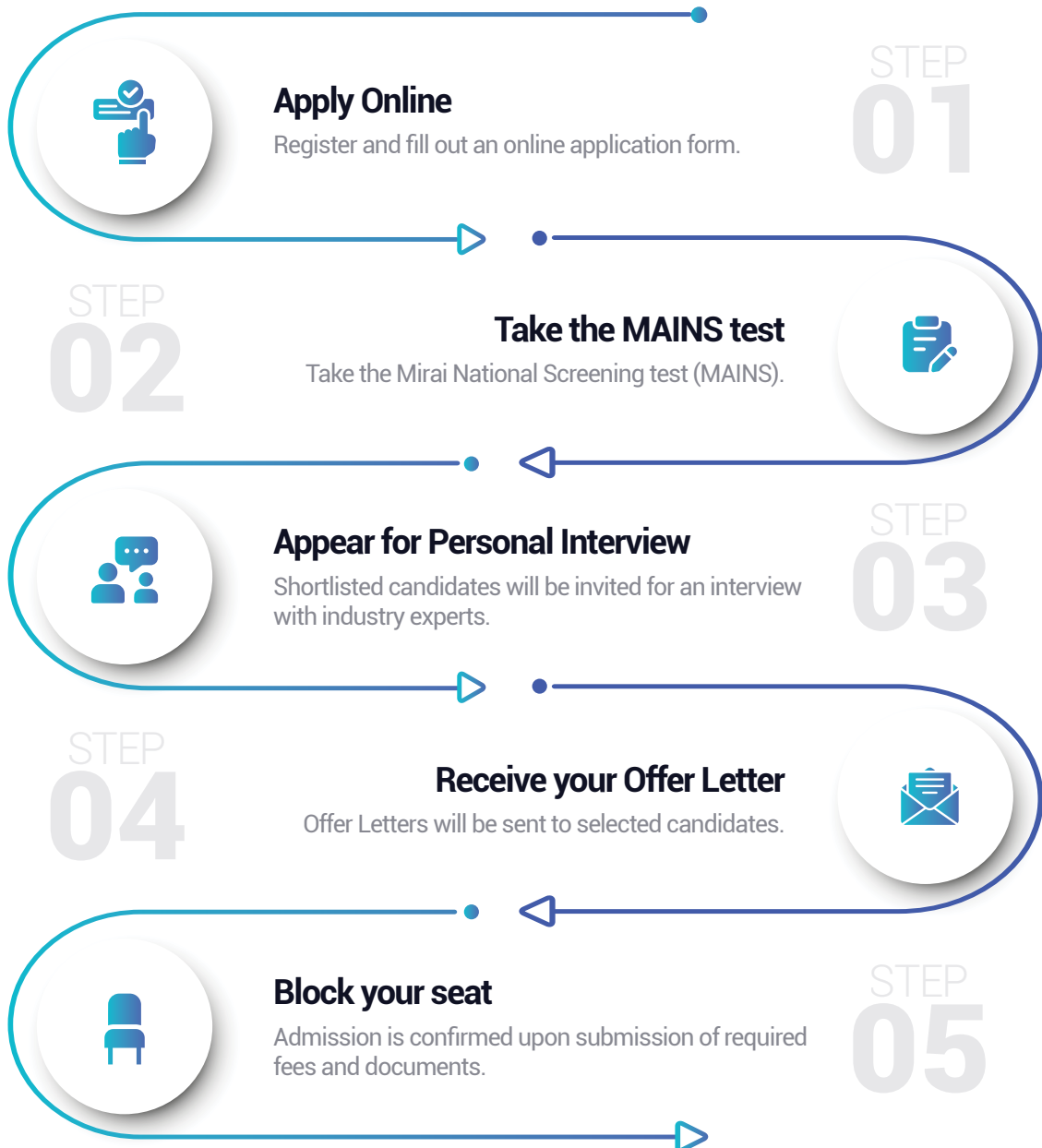


**Medical**  
Kit

All amenities are designed to offer a perfect mix of comfort, safety, and engagement, ensuring you're focused on what truly matters: growth.

# Admission Process

Join the top 20% to secure your spot in our elite cohort.



## Key Dates

After taking the MAINS, these are the key steps in your admission journey.

|                    |                                          |
|--------------------|------------------------------------------|
| MAINS Result       | Within 3 Days of the Exam                |
| Personal Interview | Within 10 Days of the Exam               |
| Final Offer        | Within 20 Days of the Exam, If selected. |

# Scholarship Program

Unlocking potential through financial support for future-focused education.

1

## Merit Scholarship

**Upto 100%**

Awarded to outstanding students in recognition of their academic achievements and potential.

## CodeHER Scholarship

**Upto 20%**

Empowering meritorious female students to pursue and excel in their tech journey.

2

## Armed Forces Scholarship

**Upto 30%**

Honoring the brave, empowering the next generation of leaders from armed forces families.

3

## Need-Based Scholarship

**Upto 30%**

Making quality education achievable for every deserving student, regardless of their financial background.

4

## Financial Assistance For You

Easy EMI available through our financing partners, subject to meeting financial eligibility criteria.



## Leading Investors Trust Us



SAAMA's key investments: BigBasket, Snapdeal, MediBuddy, & more

Alteria Capital's key investments: Zepto, Cars24, Lenskart, & more





**Scan the QR Code  
to apply now**



[connect@msot.org](mailto:connect@msot.org)



+91 88 6031 6031

Follow Us

