

# Engineer your future with **AI**

AI-First **BE CSE** Program at Rathinam  
Institute of Technology, Bengaluru



# 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 BE CSE 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.

**Varun Kohli**  
Founding Member &  
Learning Head, Mirai

**Arpit Sarda**  
Founder, Mirai

**Kartik Mathur**  
Founding Member &  
Academic Head, Mirai





# 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.

 **BE - AI/ML**

 **BE - ISE**

Future-ready engineering degrees designed for the tech-driven world, built to solve real-world challenges.

## 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 BE CSE

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

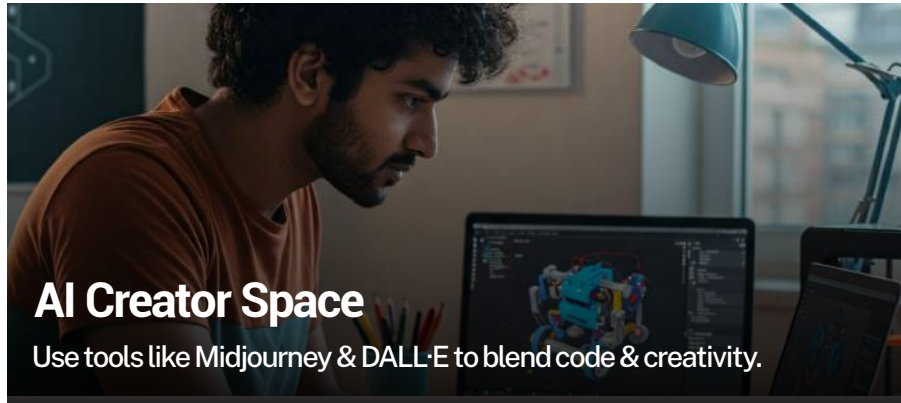






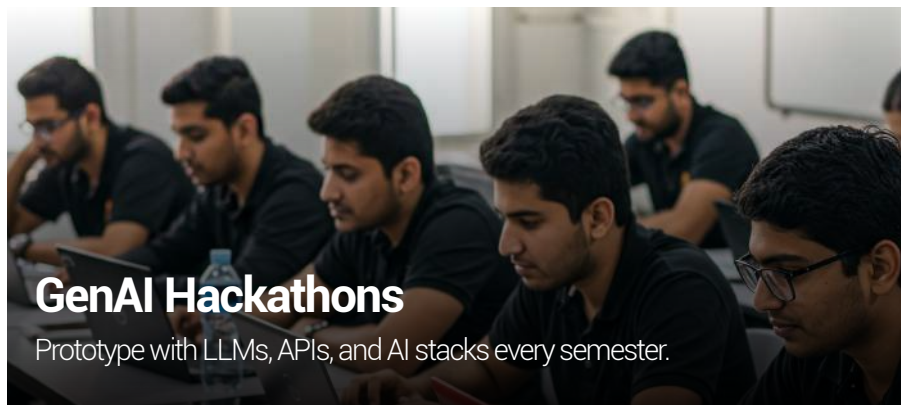
## Co-Pilot Coding

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.



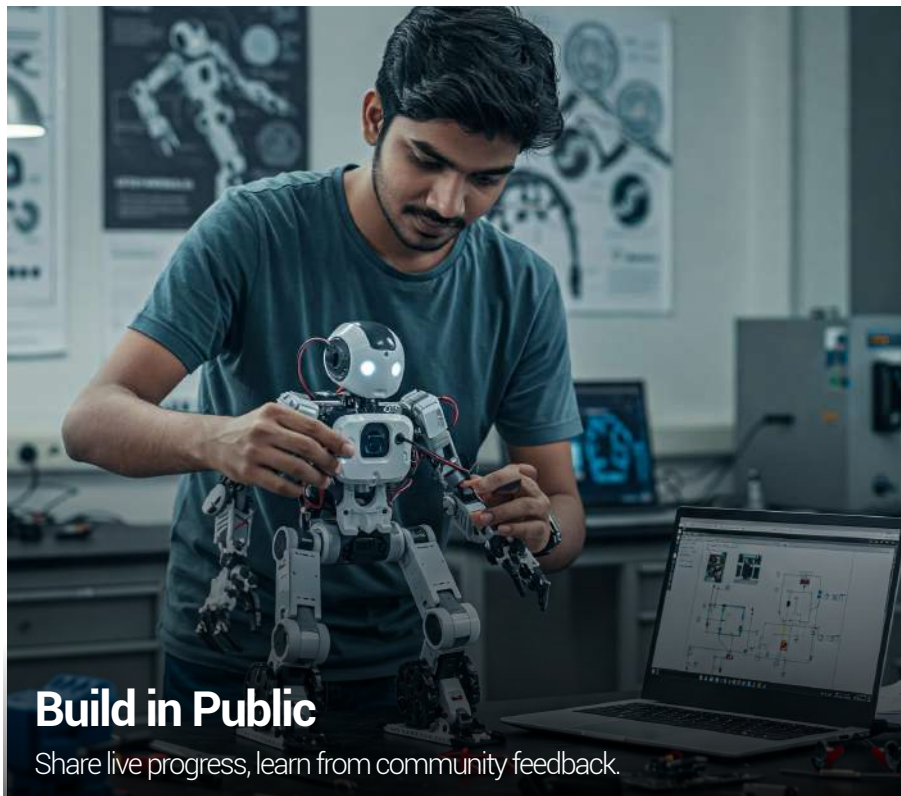
## Vibe Coding Sessions

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 Rathinam Institute of Technology, designed and delivered in collaboration with Mirai.

## Rathinam Institute of Technology, Bengaluru



Delivering educational excellence for over 50 years



Experience tech learning in the heart of Bengaluru's startup hub



State-of-the-art modern facilities designed for innovation



IT Infrastructure: 150Mbps Wi-Fi, campus-wide connectivity



# 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.

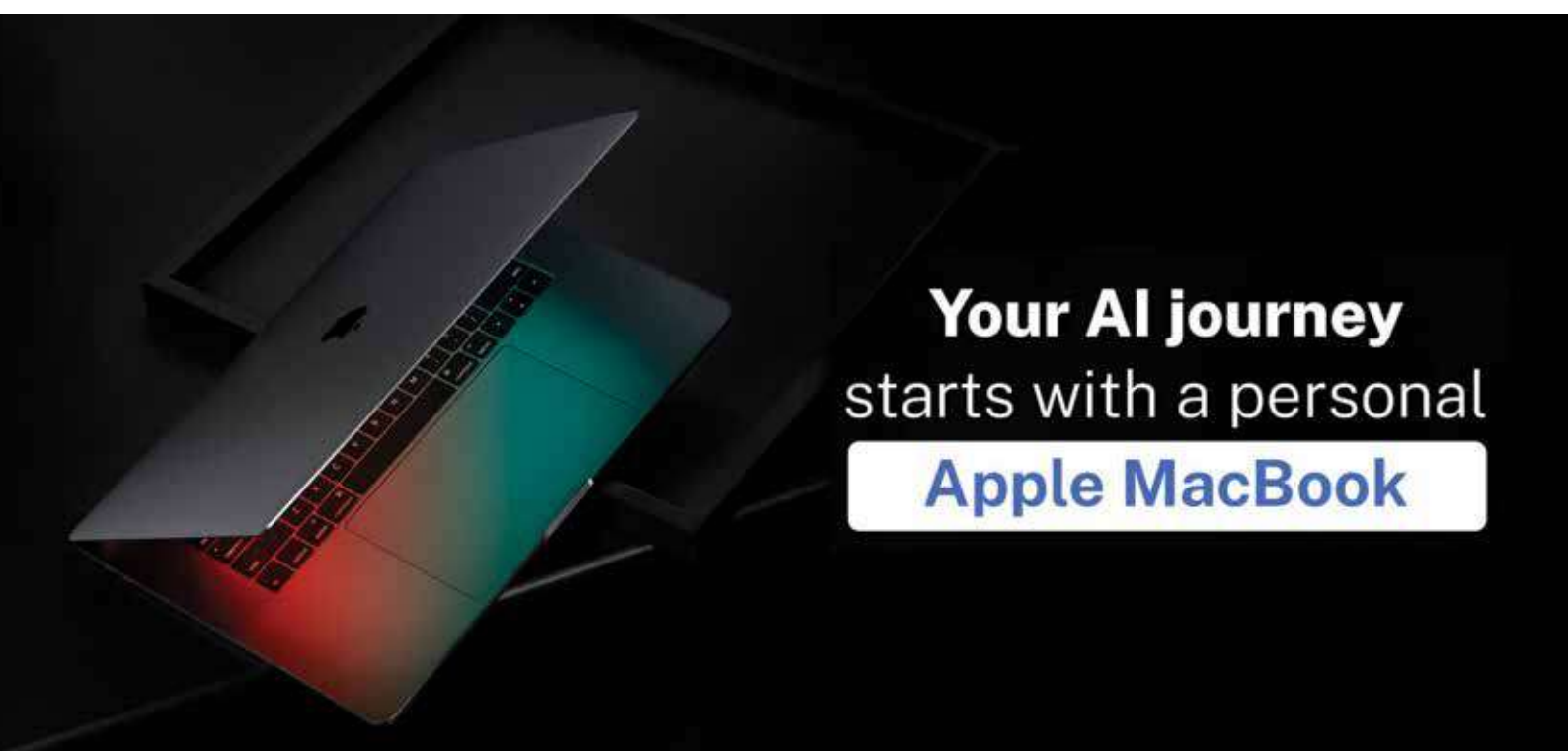
# Fee Structure

Semester-wise break-up of BE CSE course fees.

## BE CSE - 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.



# On-Campus Girls' Hostel

Comfortable, secure & connected — your home beyond classrooms.

## Hostel Room Options & Fees

Room type	Annual fee
5-Sharing with Attached Washroom	₹1,00,000
6-Sharing with Common Washroom	₹75,000

## All-Inclusive Dining

Enjoy 4 wholesome Veg 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.

## Hostel Amenities Include



Indoor Games



Washing Room



High-speed Wifi



24\*7 Security Personnel



CCTV Surveillance



Medical Kit

Live and learn in a supportive, safe and student-friendly environment just steps away from class!



# Off-Campus Boys' Hostel by Shyam Nest

Comfortable co-living with great food, fast internet and everything you need, just minutes away from college!

## Accommodation Options

Room type	Annual fee
3-Sharing*	₹1,44,000
4-Sharing*	₹1,32,000
2-Sharing*	₹1,20,000

\*Pick & Drop service to college included for all room types.



## All-Inclusive Dining

Enjoy 4 wholesome Veg meals daily

01

Breakfast

02

Lunch

03

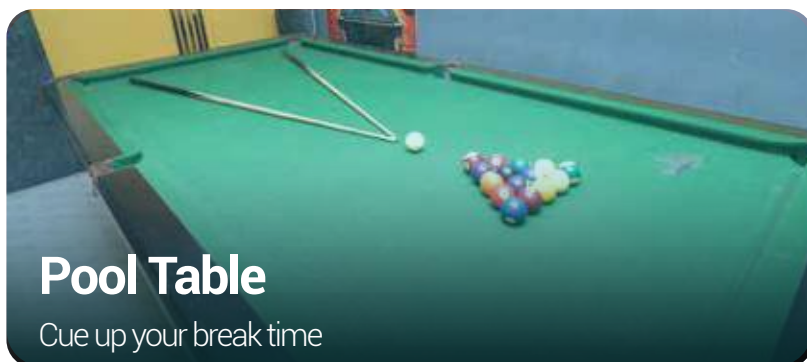
Snacks

04

Dinner

College-Day Lunch – Served fresh at the college premises

## Other Amenities Include



**Biometric**  
Entry



**Laundry**  
+ Ironing



**High-speed**  
Wifi



**Washing**  
Machine



**CCTV**  
Surveillance



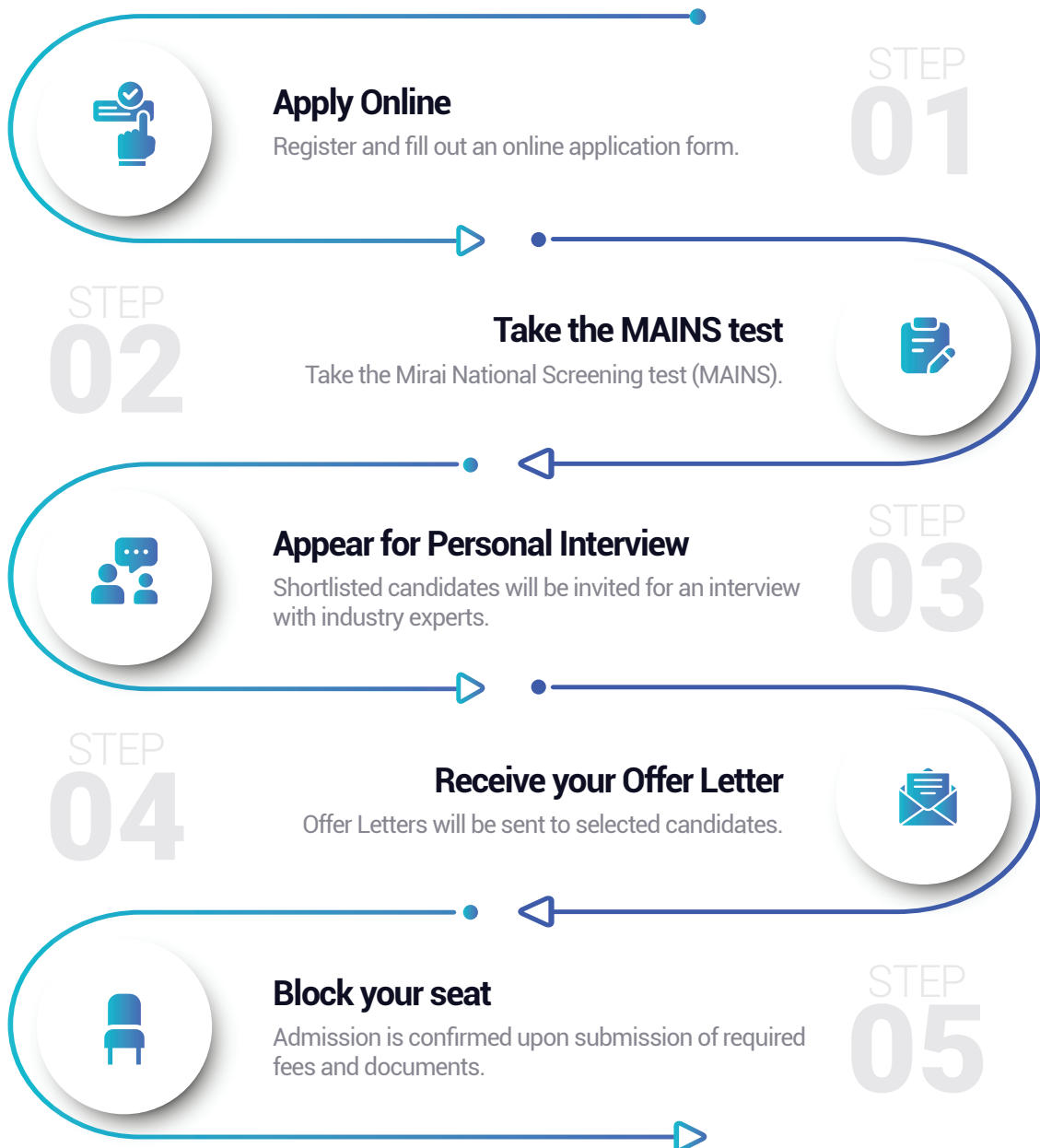
**TV in Every**  
Room

A safe, supportive space that lets you live worry-free and study your best.



# 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)



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