Get a world-class Bachelor's degree in Computer Science & AI

The best of academia and industry

Newton School
of Technology

rishihood
university

Newton School
of Technology

in association with

rishihood
university

Founders' Desk

Nishant Chandra
Co-Founder, Newton School
IIT Roorkee; IIM Calcutta

Siddharth Maheshwari
Co-Founder, Newton School
IIT Roorkee

Newton School of Technology is a groundbreaking educational institution that aims to revolutionise the way students learn, innovate, and shape their future of students. In India, more than a million college graduates fail to get relevant employment opportunities every year in tech due to a lack of skills. With our residential Bachelor's program in Computer Science and Artificial Intelligence, we aim to bridge this gap.

At Newton School of Technology, education is not just about acquiring knowledge; it is about empowering individuals to think critically, solve complex problems, and make a positive impact on society. With this vision in mind, we have carefully crafted this undergraduate program that will redefine the boundaries of education and prepare students for the challenges of the modern world.

With this 4-year residential program in NCR Delhi, we aim to bridge the gap between academia and industry. Hence, we have established strong partnerships with 1500+ leading MNCs and startups, enabling students to gain practical experience through internships, industry projects, global conferences and collaborative initiatives. Notably, we have also engaged in fruitful collaborations with the Government of Goa, further enriching our students' educational journey.

We've helped over 2500 individuals start their tech careers with our practical learning approach, so we can confidently say that our program stands out as a one-of-a-kind offering in the country.

At Newton School of Technology, we are committed to developing the next generation of tech leaders!

Recognised by

Introducing

Newton School of Technology

Where Visionaries Are Born

A revolutionary residential 4-year Bachelor's program in Computer Science and Artificial Intelligence that blends theory with practical, real-world skills. With access to the best minds in the industry and cutting-edge technologies for learning, we train you to thrive in the fast-paced tech industry with this expert-led program from day one. Stay

ahead of the curve with:

1. Bachelor's program, where learning is driven by CEOs, CXOs and the best developers in the industry.

2. Global exposure with international study trips and distinguished faculty from prestigious universities such as MIT, Duke, and more.

3. Graduate as a top 1% software engineer thanks to an industry-centric curriculum that celebrates the entrepreneurial spirit and hands-on skill sets to solve problems.

4 years
The residential UG program at Rishihood University includes a 6-month internship with a guaranteed stipend.

Eligibility
Applicants must have completed their XII (PCM) from a recognised board in 2022 or 2023 and secured more than 50%.

Admissions
Only 200 students will be admitted to ensure a balanced teacher-student ratio.

Students get a personal MacBook Pro during the program to ensure they have the best resources to excel in their studies.

Why Newton School of Technology is the best choice?

Our alumni are working at:

Google Flipkart zomato xiaomi BYJU'S The Learning App

MAERSK MOTOROLA NYKAA DREAM11 Deloitte.

unacademy tcs TATA CONSULTANCY SERVICES publicis sapient snapdeal First Choice

genpact NUTANIX PayU YOURSTORY meesho

vimeo lenskart CleverTap udaan policybazaar.com airtel Koo

2500+
alumni working
in top companies

₹400crore
cumulative salary
of our alumni

₹5-40LPA
placement package
for our students

1500+
hiring partners
including startups
and top MNCs

₹40LPA
highest salary

Newton School of Technology

Get World-Class Degree in **Computer Science & AI**

Industry-driven curriculum
A curriculum meticulously designed with senior developers and academicians so you succeed in the rapidly evolving tech industry.

Classes with experts
Learn from international faculty from MIT, Duke University and tech leaders from Amazon, Google, and more.

Funded international study trips
Go on international study trips and attend funded conferences in Singapore, and Silicon Valley, to name a few.

100% placement assistance
1500+ hiring partners, including top MNCs and leading startups.

6-month industry internship
Get practical industry experience and a guaranteed stipend while interning with one of the top-tier companies.

Modern infrastructure
Study in a 25-acre+ campus with high-tech classrooms, luxurious hostels, sports amenities, and more.

Hands-on learning
Dive into real-world projects, hackathons, and more that will sharpen your problem-solving abilities and prepare you to succeed in the tech industry.

Startup incubation fund
Get the unique opportunity to pitch your startup ideas directly to venture capitalists with the added advantage of a ₹1 cr startup fund managed by the students.

Prepare to Be a Tech Leader

At Newton School of Technology, we aim to empower the next generation of tech innovators. We strive to bridge the gap between academia and industry, equipping you with the skills and knowledge to tackle real-world challenges.

Through an industry-driven curriculum, hands-on learning, and global exposure, we nurture your potential to become agile problem solvers and tech leaders. With this UG degree valued by top tech companies, you will be prepared to succeed in the tech industry.

Newton School of Technology

recognises

Kunal Sharma

for successfully completing the

BS in Computer Science & AI program

is hereby conferred the esteemed recognition of

a graduate from the institution.

Signature

01/01/2024

Date

Sample Degree

Learn from The Best

Learn from India's top academicians, and industry experts from the top companies.

Ravinder Pal Singh
Chief Innovation & Strategy Officer
Alumnus - Harvard Business School

Kishor S. Trivedi
Hudson Distinguished Professor
Duke University

Sanjeev Kumar
Dean, School of Public Leadership
Prev. Lecturer, Yale University

Parag Singla
Prof. of Computer Science
IIT, Delhi

Dr. Sushil Chandra
Dean, School of Education
Prev. Scientist G, DRDO

Dr. Kirti Dutta
Dean, School of Entrepreneurship
Dean Research, Research Cell

Prasad Jayanti
Ex. Head of Computer Science
Dartmouth University

Siddhartha Jayanti
Research Scientist
Google Research, PhD MIT Boston

Rishabh Garg
Software Engineer
Google

Ravi Kumar
Software Engineer
Amazon US

Prateek Kumar Sinha
Software Engineer
Microsoft

Rahul Thakur
Data Scientist
Unacademy

Shashank Gowda
Walmart

Anurag Khanna
amazon

Swati Jain
Microsoft

Trusted by The Best
Our Angel Investors

Together with our angel investors, we are nurturing the next generation of tech innovators and leaders, fostering a culture of entrepreneurship and driving meaningful change in the world.

Kunal Shah
Founder
CRED

Kalyan Krishnamurthy
CEO
Flipkart

Sujeet Kumar
Co-founder
udaan

Gaurav Munjal, Hemesh Singh, Roman Saini, Founders
unacademy

Shashank Kumar, Harshil Mathur
Founders
Razorpay

Girish Mathrubootham
CEO & Founder
freshworks

Puneet Kumar
Managing Director
STEADVIEW

Pratik Poddar
Partner
NEXUS

Foundation

CURRICULUM ROADMAP

1
Semester

Fundamentals of Programming
Learn basics of coding and write code in Java or Python.

Probability and Statistics
Maths course that is required to crack job interviews in product companies/ startups.

Science of Living
Learn about the science of emotions, social interactions, and the psychology of human behaviour.

Understanding India
Explore the social, political, and economic dimensions that shape modern India.

Global Grand Challenges
Identify, discuss and reflect on some of world's most pressing challenges and the impact of technology and innovation on addressing global challenges.

Indian Polity
Explore the heart of democracy through the Indian constitution, government bodies and the electoral process.

Leadership Colloquium 1
Explore the foundations of effective leadership and gain insights into different leadership styles.

Community Engagement
Discover the power of community engagement in creating positive social change. This will be done through hands-on community service.

> Semester 2 is dedicated to structured thinking like a tech wizard.
> You will learn multiple problem solving approaches. You will also work on developing your first website.
> By the end of this semester, you will be able to develop a full fledged exciting webpage like Netflix or Amazon. You will have multiple interactions with your industry mentors during the semester who will help you easily navigate this semester

2
Semester

Data Structures and Algorithms 1
Skills for programming and problem-solving. Learn core principles of organising data and designing efficient algorithms - your stepping stone to cracking top companies.

Web Application Development
Master the art of creating dynamic and interactive web applications like Flipkart, Netflix or more.

Object Oriented Programming
OOPs equips to write better and reusable codes.

Environment and System Thinking
Discover the role of system thinking in addressing complex environmental challenges.

Technology and Society
Get to the core of societal transformation through various facets of technology including ethics of AI/ML, modern technological marvels and more.

Professional Communication
Explore effective interpersonal communication strategies for building strong professional relationships.

Introduction to Statistics and Data Science
Learn essential statistical concepts and techniques for understanding and interpreting data.

Leadership Colloquium 2
An advanced version of the first course, you will explore second-level leadership principles like conflict management, working in teams, leading in a professional setting etc.

Community Engagement
Discover the power of community engagement in creating positive social change. This will be done through hands-on community service.

Achieve

CURRICULUM ROADMAP YEAR 2

Data Structures and Algorithms 2
Explore advanced topics such as graph algorithms, dynamic programming, and advanced data structures.

Software Engineering
Discover the methodologies and tools used by industry professionals to deliver top-notch software.

Database Management System
Enhance your ability to design scalable and robust databases that meet real-world business requirements.

Server Side Programming
Gain a deeper understanding of server-side languages such as PHP, Python, or Node.js

Art of Storytelling
Learn the importance of selling an idea to others in the most coherent way possible.

"Earn your first pay-check, by building the tech you love or researching on your area of interest

During your internship, you will learn few Hard skills while building the tech-stack of the company. Similarly you will learn few Soft skills like Project management, Product management, Understanding business models etc."

3
Semester

Silicon Valley

Israel

Singapore

> "Semester 4 is dedicated to completing learning required for a Software Developer. Post this, you will be in top 1% Software Developers and can crack MAANG Interviews and more
>
> By the end of this semester, you will be able to develop an app like Ola/ Uber/ Zomato etc.
>
> Outside the class, plan a trek to tech hubs - Silicon Valley or Israel or Singapore"

Industry Internship/Research Internship

Newton-Rishihood Internship Program (NRIP): A semester-wide immersive and experiential paid internship program with leading companies/startups in India.

Data Analytics and Visualisation

Master the art of transforming complex data into clear and compelling visual stories.

Rishihood University

4
Semester

Innovate

Operating Systems

Explore the intricate workings of process management, memory allocation, and file systems.

Mathematics for AI

Develop the mathematical intuition required to interpret and interpret AI models and results used in the industry.

Computer Networks

Prepare yourself to design and deploy scalable and resilient computer network solutions.

Computer Architecture

Delve into the intricacies of computer instruction execution and control unit design.

User Research and Growth Strategy

> You will learn core computer science subjects in this semester.
>
> You can expect to create a mini version of iOS or Android OS.
>
> Outside the class, shadow CXOs, understand their lives and learn on how to operate companies

Rishihood University

5
Semester

"Semester 6 is focused on Mastering Artifical Intelligence where you will learn all hands-on AI concepts. Learners who want to focus on computer science courses have the option to do so under electives.

By the end of semester, you can Build your own version of chatGPT OR apply robotics to Identify your hand movements with AI/ML.

Also, enjoy a college immersionprogram, where you can do a mini exchange program with top institutes."

6
Semester

AI: Machine Learning
Explore the exciting possibilities of AI that enable computers to understand and respond to human language.

AI: Natural Language Processing
Learn how computers can understand and interact with human language, and build technology behind voice recognition systems like Siri or Alexa.

Elective 1

AI: Deep Learning
Dive into the world of AI and neural networks to create intelligent systems that learn and adapt.

Compiler Design
Explore the art of transforming human-readable code into efficient machine-executable instructions.

Mobile Application Development:
Learn to build engaging and user-friendly mobile apps for iOS and Android platforms.

Elective 2

AI: Computer Vision and Image Processing
Discover the power of AI in understanding and analysing visual content, enabling applications like image recognition and object detection.

System Design
Master the principles and techniques for designing scalable and efficient software systems that meet real-world requirements.

Computer Graphics
Explore the creation and manipulation of visual content, from 2D graphics to 3D modeling and rendering.

Succeed

CURRICULUM ROADMAP **YEAR 4**

"

Entrepreneurship semester is focused on new age venture building, where you will learn fundamentals of building a startup.

By the end of semester, you will have a tool-kit to become a tech entrepreneur/ leader.

During the semester, get mentorship from top Indian & global founders on entrepreneurship skills

"

7
Semester

Finance for Startups

Program Management

Startup Funding

How to Lead Teams

Building Company Culture

PR for Startups

Building Sales and Negotiation Skills

Industry Internship/Research/ Startup/ BS Project

8
Semester

1. Create your startup and pitch for ₹1 Crore seed money or
2. Intern at a large MNC/ startup or
3. Advanced B.S. Tech Project at Campus or
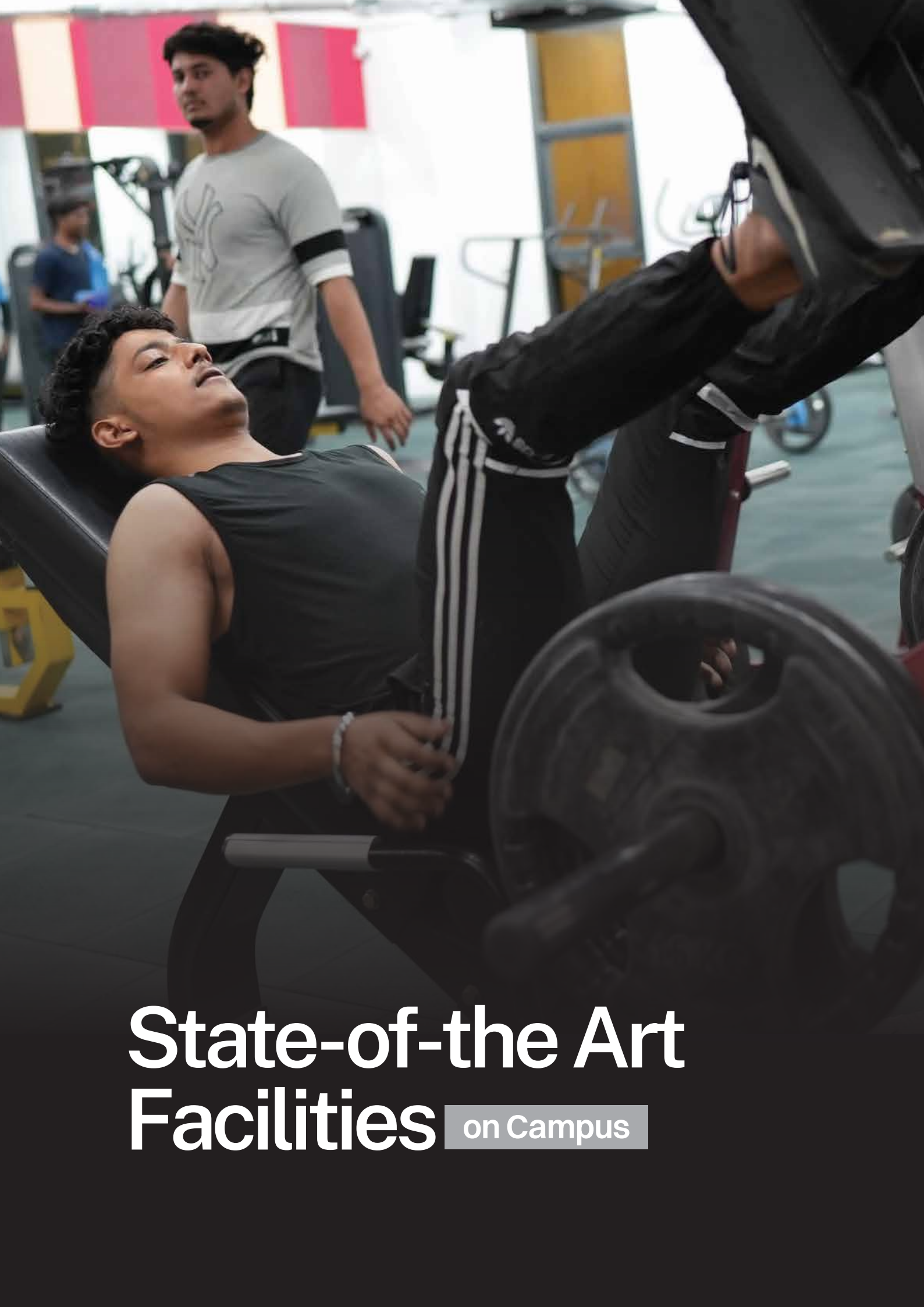4. Research under top faculties"

Placement Opportunities at Newton School of Technology

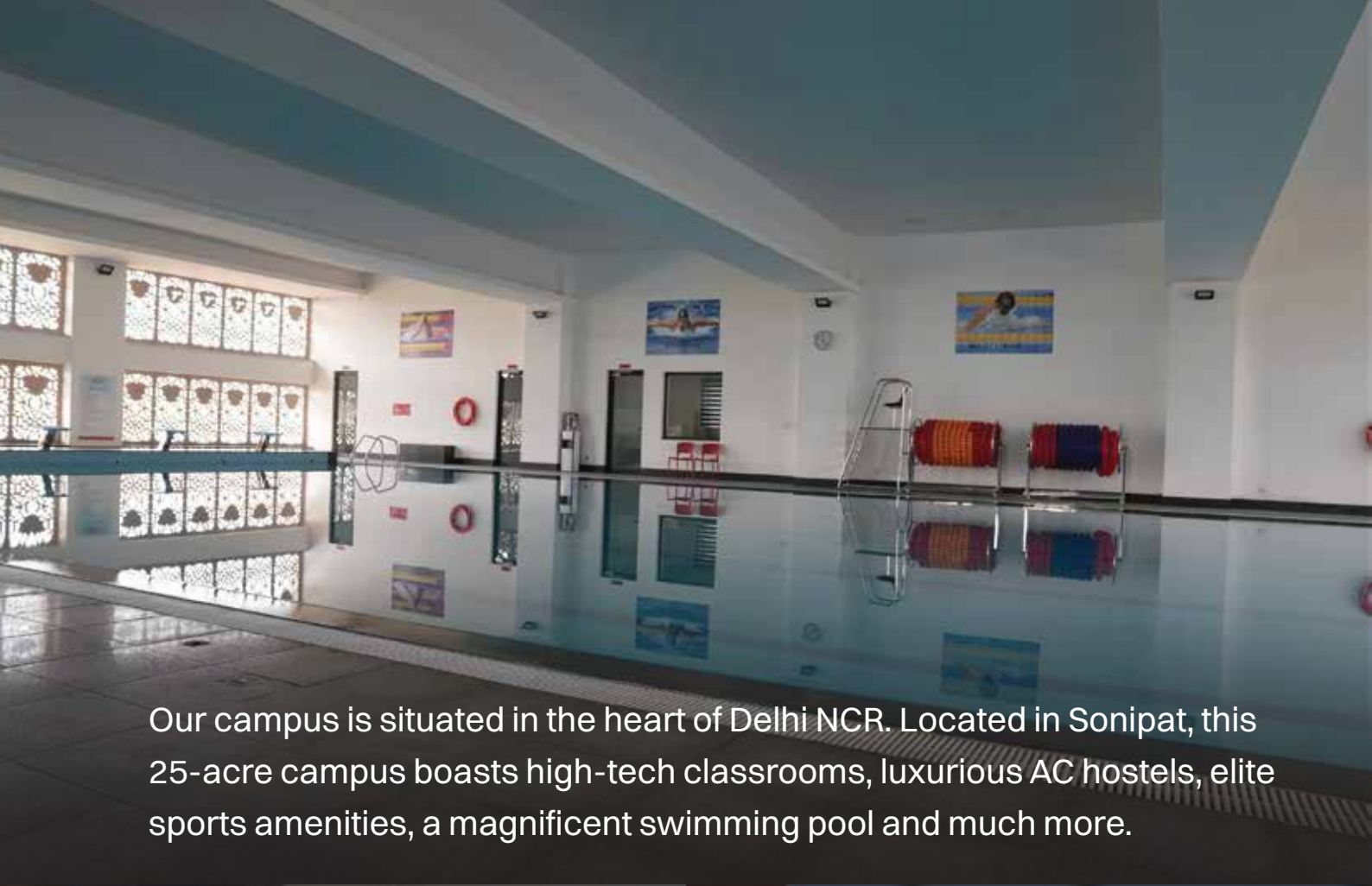1500+ recruiters for our batch of 200 students

We go the extra mile to ensure your career success. Our placement assistance includes personalised guidance, resume creation, portfolio building, interview preparation, and connections with top tech companies so you get your dream job in the tech industry.

100% placement assistance
Get the right support, resources, and opportunities needed to secure your dream job.

Unlimited mock interviews
Sharpen your interview skills, perfect your technique and tackle tough questions so job interviews are a cakewalk.

Interview with our hiring partners
Give interviews to the top companies in India and the world with our network of 1500+ hiring partners, including Google, Jio, Zomato and more.

Receive personalised guidance
Your personal placement coordinator will help you build your resume and LinkedIn profile and guide you through the process.

Shadow a CXO
Step into the shoes of a top executive and get first-hand exposure to the decision-making process.

State-of-the Art
Facilities on Campus

Our campus is situated in the heart of Delhi NCR. Located in Sonipat, this 25-acre campus boasts high-tech classrooms, luxurious AC hostels, elite sports amenities, a magnificent swimming pool and much more.

Life at Newton School of Technology

Experience an extraordinary student life at Newton School of Technology, where innovation, learning, and unforgettable memories await you.

Exclusive skill-developing clubs

Access to a wide range of clubs like 180DC, Microsoft student developer club, Toastmasters and more for holistic development.

Student fests

Find a stage for your passion and unleash your creativity with exclusive cultural and tech fests.

Research facility and publications

Discover limitless possibilities in research with cutting-edge facilities and impactful publications to propel your academic career to new heights.

Funded global conference

Be in the top 1% by attending fully sponsored global conferences and prepare yourself to become an influential tech leader and a visionary entrepreneur.

The Newton Edge over Traditional BSc Degree

Traditional CS Degree

- ❌ Outdated curriculum
- ❌ Only theory-based learning
- ❌ Lack of personalised guidance
- ❌ Very less support for placements
- ❌ No assistance for internships
- ❌ No global exposure

The Newton Edge

- ✅ Industry-driven curriculum
- ✅ Practical, hands-on experience 1:1 personalised guidance
- ✅ Pre-placement opportunity with 1500+ hiring partners
- ✅ 6-month internships with guaranteed stipend
- ✅ Funded international study trips at Singapore, Silicon Valley and more

Eligibility and Admissions

At Newton School of Technology, we are committed to developing top-notch developers in the country. With a limited batch of 200 students, we aim to provide personalised attention and support to each student, ensuring their success in the program and beyond.

Eligibility Criteria

Applicants must have completed their XII (PCM) from a recognised board in 2022 or 2023 and secured more than 50%.

Applicants must have secured a minimum score in each section of the NSAT.

Applicants must clear the online interview. Our experienced faculty and admission committee assess your skills, knowledge, and passion for the tech industry.

Application Process

Our team is dedicated to making the process as easy as possible for our students.

Step 3

1:1 online interview

A 1:1 online interview with our experienced experts to know you better and to understand your motivation for joining this program.

Step 1

Fill the application form

Fill the application by including your personal information and eligibility requirements.

Step 4

Admission

On clearing the rounds, receive an admission letter from Newton School of Technology.

Step 2

Take the NSAT Entrance test

Complete the 120-minute assessment which includes English, Mathematics and Logical questions.

Step 5

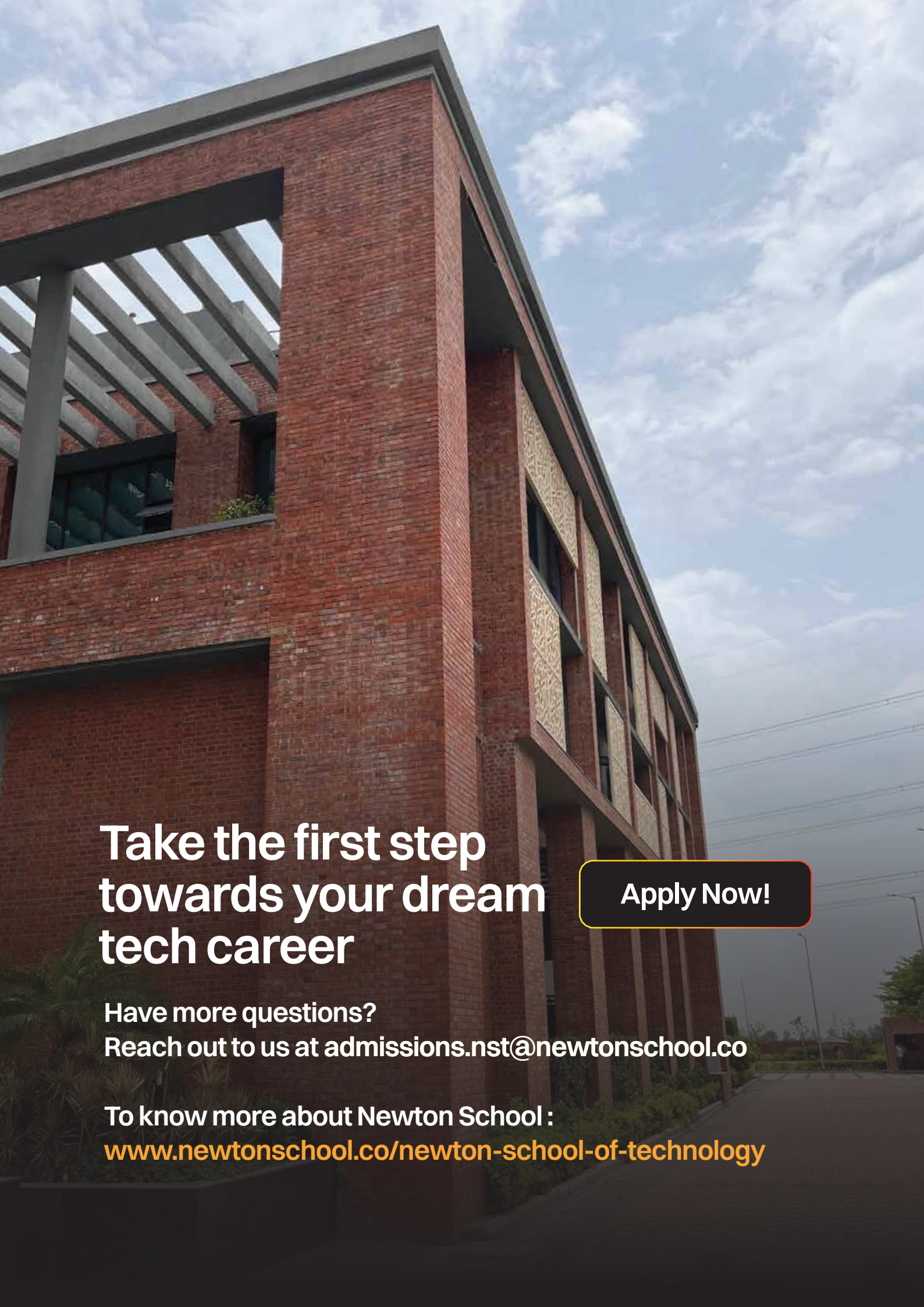### Enrollment

To enroll, simply follow the instructions provided in the admission letter and submit the required documents and fees.

Fee Structure

Year	Tuition fee	Hostel and Mess Fee	Total
Year 1	₹365000	₹160000	₹525000
Year 2	₹365000	₹160000	₹525000
Year 3	₹365000	₹160000	₹525000
Year 4	₹365000	₹160000	₹525000
Total	₹1460000	₹640000	₹2100000

Take the first step towards your dream tech career

Apply Now!

Have more questions?
Reach out to us at admissions.nst@newtonschool.co

To know more about Newton School :
www.newtonschool.co/newton-school-of-technology