



India's First Industry-Focused

4 Year B.Tech Programme in Computer Science



"The greatest opportunity of our generation lies at the intersection of technology and human potential."

Dear Tech Leaders of Tomorrow,

If you're reading this, then you've chosen to do something you've never done before. You've chosen to be a small fraction of the 1.6 million engineering graduates who are equipped to tackle novel challenges in this ever-evolving tech landscape.

When we founded Newton School, we had a simple vision: create a learning environment where students don't just study technology—they live it, build with it, and master it in an environment that nurtures practical application over rote learning. This vision inspired our groundbreaking UG programme in Computer Science & Al and is the bedrock upon which Newton School of Technology was built.

As students today, you will be the architects of our technological future. You'll build the Al systems and digital infrastructure that solve real-world challenges. At Newton School of Technology, we've created an environment where your potential isn't just recognised-it's amplified through hands-on projects, industry mentorship, and a curriculum that dives deep into industry-relevant specialisation like Artificial Intelligence, Robotics, and Tech Entrepreneurship. We can promise your journey here will be as challenging as it is transformative. Come build real solutions, make connections with like-minded peers, and shape your futures together. You'll emerge not just with a degree but with the confidence and skills to thrive in a rapidly changing world.

The future of technology awaits. Are you ready to help shape it?



Nishant Chandra Co-Founder- NST IIT Roorkee



Mission of the University
To combine the Best of the East
(Yoga and Spiritual lore)
with the Best of the West
(Modern Scientific Research)
wherein science and spirituality
are amalgamated for peaceful
and mutually useful society
for the self-reform.





Index

Our Journey
Vision and Track Record
Why Choose NST
Curriculum Overview
Industry Mentors and Faculty
Industry Internships
Beyond The Classroom
Student Led Clubs
Startup Launchpad
International Trips
GoForGold Initiative
NST At Bengaluru ·····
Campus Facilities ·····
Student Testimonials
Eligibility Criteria
Scholarship Opportunities
Fees Structure ·····

Our Journey So Far

Newton School was founded in 2019 and has since grown from an ambitious startup into a transformative force in technology education.

2019

Foundation

Siddharth & Nishant co-founded Newton School.

2021

Expansion

Transformed the lives of 5000+ learners and onboarded 800+ active hiring partners.

2022

Acceleration

Secured Series B funding of \$25Mn

2023

Transformation

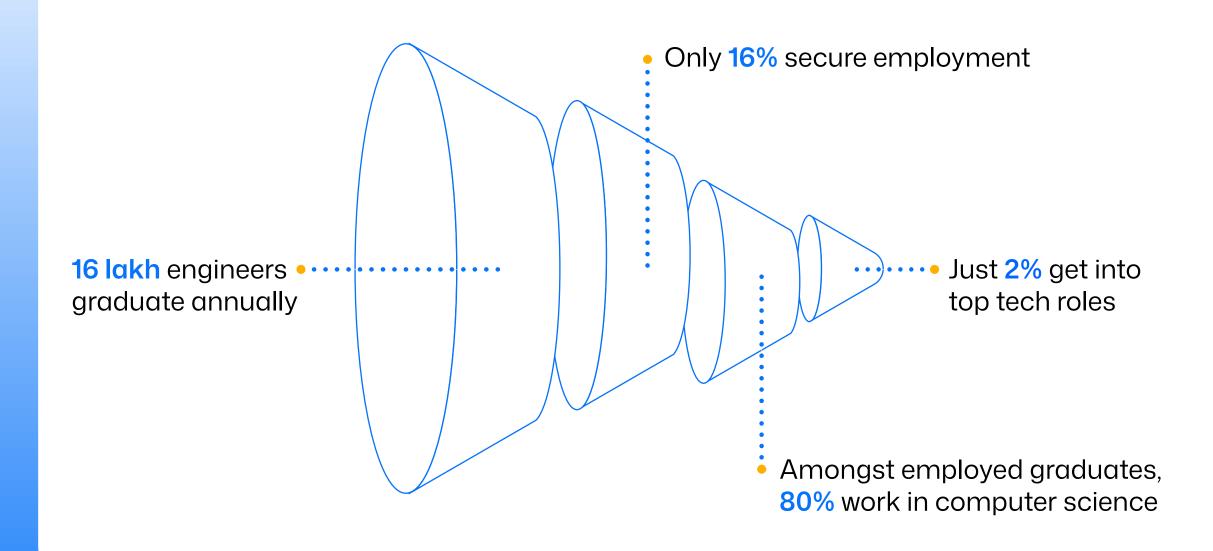
Introduced Newton School of Technology's Undergraduate Programme in India.

The Digital Revolution Awaits

Bridging India's Critical Tech Talent Gap

The digital revolution is accelerating, with India projected to create 9 Cr new tech jobs in the coming decade. However, traditional education isn't keeping pace:

The Current Reality:





Reinventing the Learning Process

At NST, we've redesigned technology education from the ground up. Rather than following traditional models, we focus on:



Practical, hands-on skill development



Deep industry connections



Global perspective and exposure



Project-based learning from day one



"Every student at NST transforms challenges into opportunities and redefines success."

> Siddharth Maheshwari, Co-founder-NST

Our mission is clear:

To transform passionate students into technology leaders ready to solve tomorrow's most pressing challenges.

Creating Industry-Ready Innovators

Note: These placements stats are from Newton School's online Full Stack Development & Data Science programs

98% Placement Rate

Nearly all our students secure positions at top tech companies

800+ Hiring Partners

Including Google, Amazon, Flipkart, Zomato, and Meesho

1,000+ Industry Experts

Fueling growth for industry's top talent.

4,500+ Students Placed

A proven track record of success

Newton School of Technology	VS	Traditional Programme
Cutting-edge, industry-driven curriculum aligned with the latest trends	Curriculum	Obsolete syllabus that's stagnant to this day
lmmersive hands-on learning through real-world projects	Learning Style	Theory-heavy approach with limited practical exposure
1:1 mentorship with industry experts guiding your journey	Mentorship	Minimal career guidance with limited personal attention
Access to 800+ active hiring partners	Career Support	No structured hiring network
Internships providing real-world experience	Internships	Limited or no internships
Integrated industry training & live projects	Industry Integration	Few opportunities to tackle complex challenges
Global learning experiences with study opportunities worldwide	Global Exposure	Limited international perspective



A Curriculum Engineered for Tomorrow's Digital Frontiers:

Our curriculum is meticulously crafted in collaboration with industry experts and academic leaders to ensure our students are equipped with the skills to tackle not only the tech problems of today, but also those of tomorrow.

Year 1 | Build

You'll start building functional interfaces that users actually want to interact with. You'll learn how great products are designed, structured, and scaled, and apply those learnings to projects.

What you will learn

Data Structures and Algorithms

Web Development

Introduction to Robotics

Core Maths - 1

Beyond Classroom Learning



Open Source for an Open World Pursue GSoC to Create lasting impact.



Competitive Programming Fuel your inner champion through ICPC.



International Immersion See how tech is changing the world.



Tech Hackathon Turn ideas into gamechanging innovations.

Projects



Develop interactive games or a Pinterest-style mood board.



Make a personal website that showcases your portfolio.



Create a social media feed that fetches and displays data from a server.



Create a social media analyser using Instagram API.

Year 2 | Innovate

You'll design and deploy secure, scalable systems that mirror the architecture of real-world apps. Your projects won't just live on GitHub; they'll mirror the backend logic of today's fastest-growing platforms.

What you will learn	
Advanced Programming	Advanced Data Structures and Algorithms
Database Systems	Data & Visual Analytics
Core Maths - 2	Machine Learning

Beyond Classroom Learning



Build features for Products Used by a Wide Audience

From Classroom to Campus - Creating Real-World Impact.



Freelancing Challenge

Earn, learn & build your personal brand.



Product Hunt Challenge

Build, launch. & get reviewed.



Big Tech Trek

Step into the offices of tech giants.

Projects



Make a last-mile delivery optimiser for delivery app.



Build an e-commerce database design.



Develop a backend server for a social app.



Secure payment database similar to PhonePe.



Create a secure user authentication system.

Specialization tracks - What you will learn

Artificial Intelligence

Artificial Intelligence

Achieve a greater understanding of how machines think and make decisions.

Deep Learning

Build neural networks, the backbone of modern Al.

Robotics

Fundamentals of Robotics

Build reprogrammable machines with mechanical intelligence.

Fabrication Techniques & Execution

Design and prototype robots using rapid fabrication methods.

Tech Entrepreneurship

Art of Storytelling

Craft powerful narratives for users, teams, and investors.

Product Design & Development

Design and build products people love to use.

User Research & Market Study

Discover insights that shape smarter product decisions.

Beyond Classroom Learning



Industry Internships

From campus to corporateyour career starts here.



Development Projects

Build, iterate, and innovateone breakthrough at a time.



Product Launch Challenge

Launch and validate your software, hardware dreams.

Specialization tracks - What you will learn

Artificial Intelligence

Natural Language Processing

Extract insights from text & build language-aware products.

Computer Vision

Teach computers to see the world through images.

Robotics

Machines, Mechanisms & Kinematics

Design robot movements and predict their mechanical behaviour.

ROS, Computer Vision & SLAM

Program mobile robots with ROS, vision systems, & sensors like LIDAR.

Signals, Circuits & IoT

Connect code with hardware to build smart devices.

Tech Entrepreneurship

Finance for Startups

Create budgets, forecast finances, and attract investment.

Marketing & Sales for Startups

Learn practical growth strategies for customer acquisition.

Business Strategy

Master planning and scaling successful tech ventures.

Beyond Classroom Learning



Industry Internships

Real-world projects, impactful career growth.



Deep Tech Projects

Innovate & build your profile for higher pursuits.



Startup Incubation

From idea to investment-Opportunity to raise capital while you study.

Year 3 | Year 4

Projects

From Al assistant to underwater robots, in your third and fourth year, you don't just learn tech, you build real-world projects that solve problems and shape the future.

Artificial Intelligence

- Learn and teach sign language through an interactive app.
- A smart Al assistant that helps you track your medicines.
- An Al app that teaches users about local plants.
- An AR projector that turns shadow puppets into live animation.

Robotics

- Autonomous Underwater Vehicle.
- Autonomous Search & Rescue drones.
- Modular all-terrain vehicle.
- Medical and Assistive Robotics: nanorobotics, exoskeletons, wearables, etc.

- Swarm robots.
- Industrial Robotics: warehousing, sorting, and packaging.
- Bio-mimicking robots.

Tech Entrepreneurship

- Build your own tech product from scratch and get your first 50+ users.
- Do Product teardown & redesign of Public service apps like IRCTC
- Launch your own Al-based, SAAS tool for creators, test and improve it with real users in Bengaluru's startup circles.
- Discover student needs and design a blockchain-based solution to make campus life smarter.



Foundation & Enrichment Courses

Our Foundation and Enrichment courses are thoughtfully designed to nurture holistic growth and future-ready professionals.

















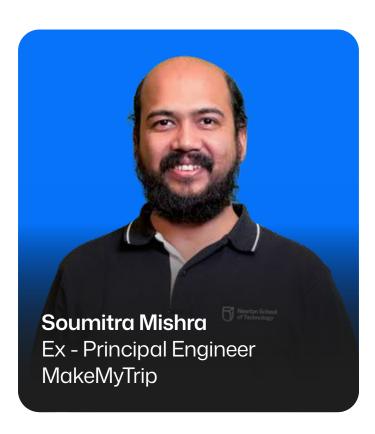
Learn From Industry Pioneers

Expertise That Shapes Excellence

At Newton School of Technology, you'll learn from a distinguished group of industry leaders, seasoned professionals, and academic experts. Our faculty members have built scalable systems, nurtured unicorn startups from inception to success, and held leadership roles in billion-dollar enterprises. Their diverse backgrounds span top tech companies, fast-growing startups, and leading academic institutions, giving you a rare

blend of practical knowledge and academic depth. With their mentorship and guidance, you'll gain first-hand insights, sharpen your problem-solving abilities, and develop skills that are not just relevant, but essential in today's dynamic and rapidly evolving tech landscape. At NST, you won't just learn how to build the future, you'll learn from those who already have.

NST Bengaluru Core Faculty







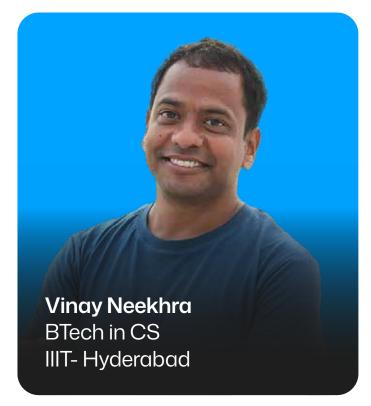


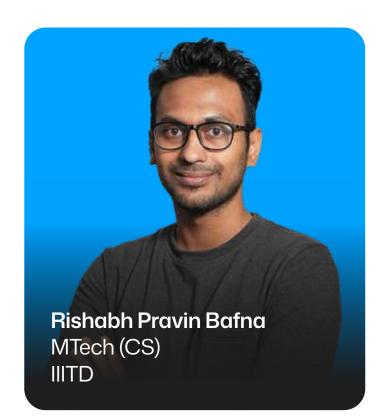


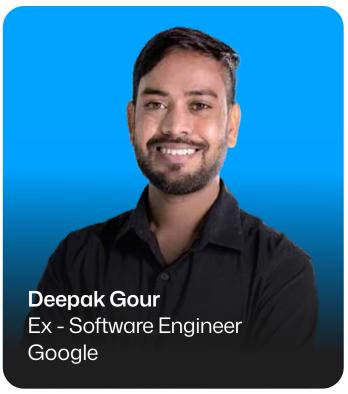


NST Faculty



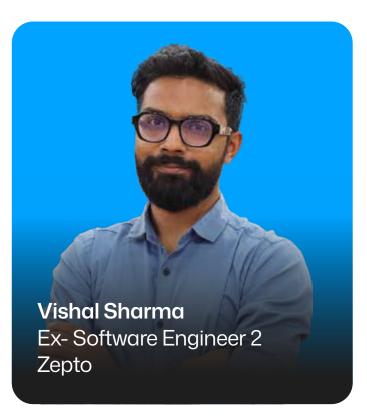






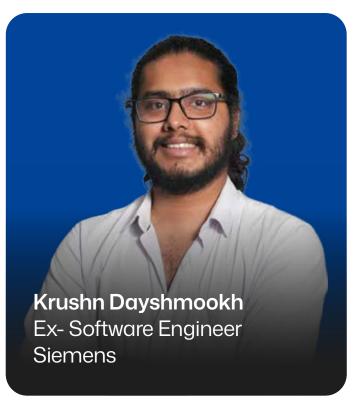


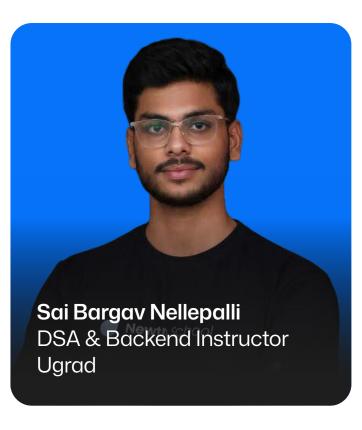


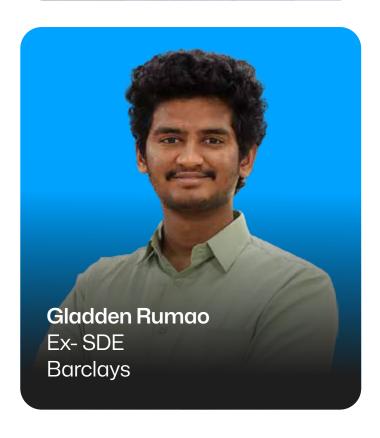












Immersive Industry Internships

We believe hands-on experience is crucial for building job-ready skills. Our commitment to practical learning ensures that every student completes a paid internship by their second year.

Our first-year students secure impactful paid internships, gaining industry exposure early in their academic journey. Many students go beyond by completing dual internships, demonstrating their dedication and growing expertise.

93% of Students Completed Internships with Top Companies



















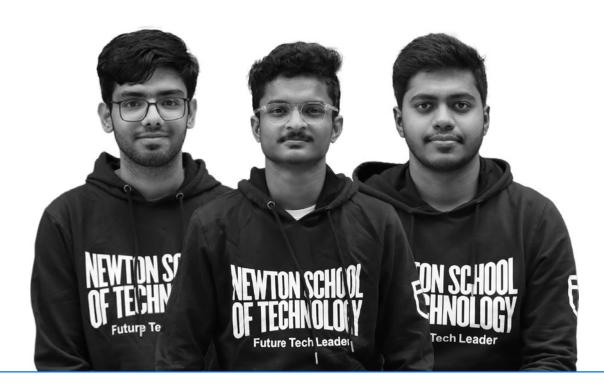
Building Your Professional Portfolio

Our students have proven their exceptional abilities by excelling in prestigious global programmes:

ICPC Success

Our 2023 batch of students (Priyanshu Jangra, Sai Kiran Bompelliwar, and Amod Ranjan) secured a regional **rank of 112** in the **ICPC** (International Collegiate Programming Contest), outperforming many third and fourth-year IIT students.

Participants of the ICPC are sought after by some of the biggest tech companies in the world and usually go on to make remarkable contributions to the tech industry or even start their own disruptive tech firms.





Google Summer of Code

Six of our students have been selected for Google Summer of Code (GSoC) — one of the world's most prestigious open-source programmes. Through GSoC, they're interning with global brands, building real-world software, and contributing to impactful tech projects.



Mehak Jain, Agnik Misra, Ashu Choudhary, Birajit Saikia, Krishna Dave, and Yakshit Savaliya secured internships with a stipend of ₹2.50 L through Google Summer of Code 2025.

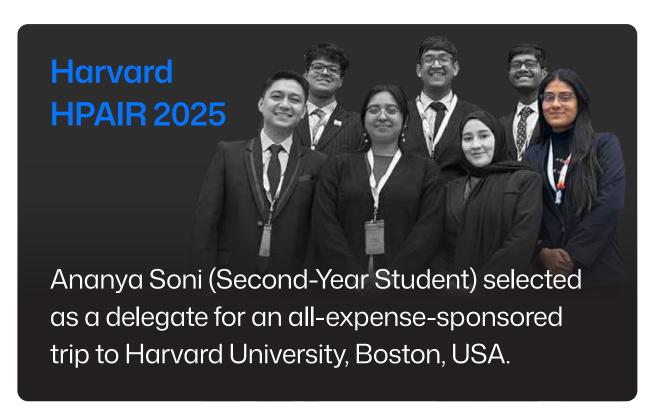
Beyond the Classroom

At Newton School of Technology-Bengaluru, learning doesn't end when lectures do. Our campus is a launchpad for leadership, exploration, and building things that matter through clubs, competitions, social impact, and global exposure.





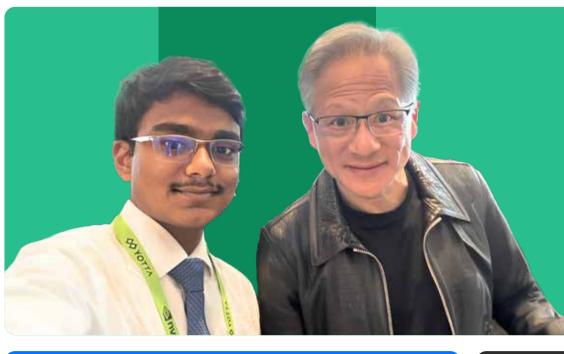
From Local to Global Opportunities



HPAIR 2024

Students from the 2023 batch attended an all-expenses-paid trip to Thailand as delegates.





Nvidia Al Summit

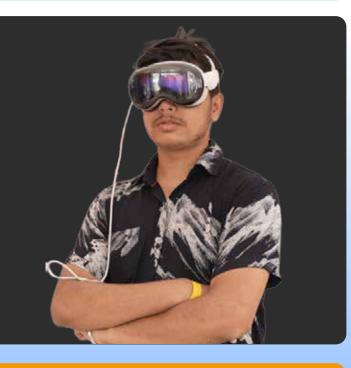
Students engaged with top industry leaders, like Jensen Huang, exploring Generative Al and Robotics through immersive, hands-on workshops.

AIESEC International Internships

Kartik Madaan, Parv Goyal, Vedant Satbhai, Prateek, and Raghavendra secured internships in Sri Lanka, Egypt, and Vietnam.

XR Creator Hackathon

Two NST teams were selected to participate in this prestigious global event.



IEEE Competition

NST Students Ranked Top 7% Globally in IEEEXtreme (1280 among 19916 participants), and the other 3 teams have also globally ranked within the top 8%, 10%, and 15%, respectively.

Amazon Smbhav Hackathon

Our students earned a coveted spot at this event, competing at the national level with bold ideas and sharp problem-solving skills.

Student-Led Clubs

Student-led clubs at Newton School of Technology are engines of creativity, collaboration, and innovation. It empowers students to turn ideas into prototypes, fostering real-world problem-solving skills and technical excellence.



Competitive Programming Club

The Competitive Programming Club is where logic meets speed. Members tackle algorithmic challenges, prepare for global contests.



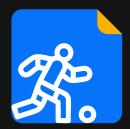
Software Development & Al Club

Students explore full-stack, machine learning, and Al—thinking like developers and data scientists.



Arts Club

Whether it's sketching, painting, digital art, or installations, The Arts Club is where ideas take visual form.



Sports Club

The Sports Club is where students play, train, and grow together, building discipline and leadership along the way.



Robotics Club

This club gives students a chance to build, program, and test robots—learning about sensors, motion, and automation.



Theatre Club

For storytellers who speak with more than words. The Theatre Club is a space to explore character, script, movement, and voice.



Photography & Content Creation Club

For students who want to frame stories through a lens. This club helps develop skills in photography.



Music Club

From classical to contemporary, the Music Club is a collaborative space where students tune their musical skills.



Dance Club

Energy, rhythm, and expression come alive in the Dance Club. Students train across styles and create spectacular performances.

New-Age Tech & Cultural Innovation Fests

Neutron and Tekron are student-led spectacles that combine technology, creativity, and culture into an electrifying celebration. From drone shows and Robo Soccer to coding face-offs and high-octane performances, these fests brought the campus to life.



1700+ 1100+ 150+ Registrations Footfalls Drones

₹10 Lakhs+ ₹5.5 Lakhs+ Sponsorships



1050+ 1450+ 15+ Registrations Footfalls Events

₹6 Lakhs+
Prize pool
Sponsorships







Infrastructure Support

Assistance based on the potential.

impactful technological solutions. StartX

offers a total fund of up to ₹1 Crore.

DedicatedMentorship

Guidance from industry experts.

newton **Startx**

Product & • · · · : Marketing Strategy

Learn how to build, position, and sell products effectively.

InteractiveWorkshops

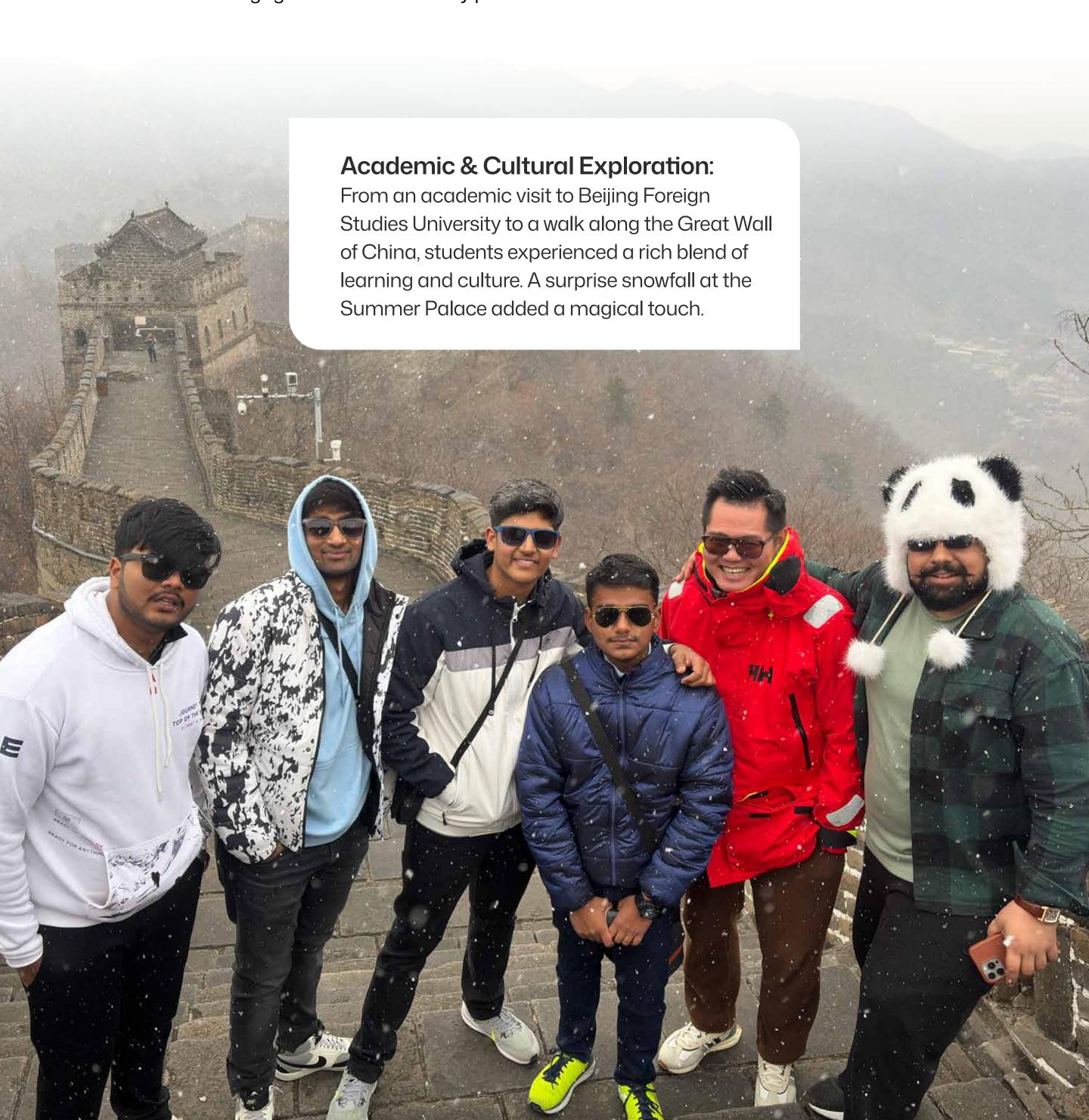
Monthly sessions led by startup founders and industry leaders.

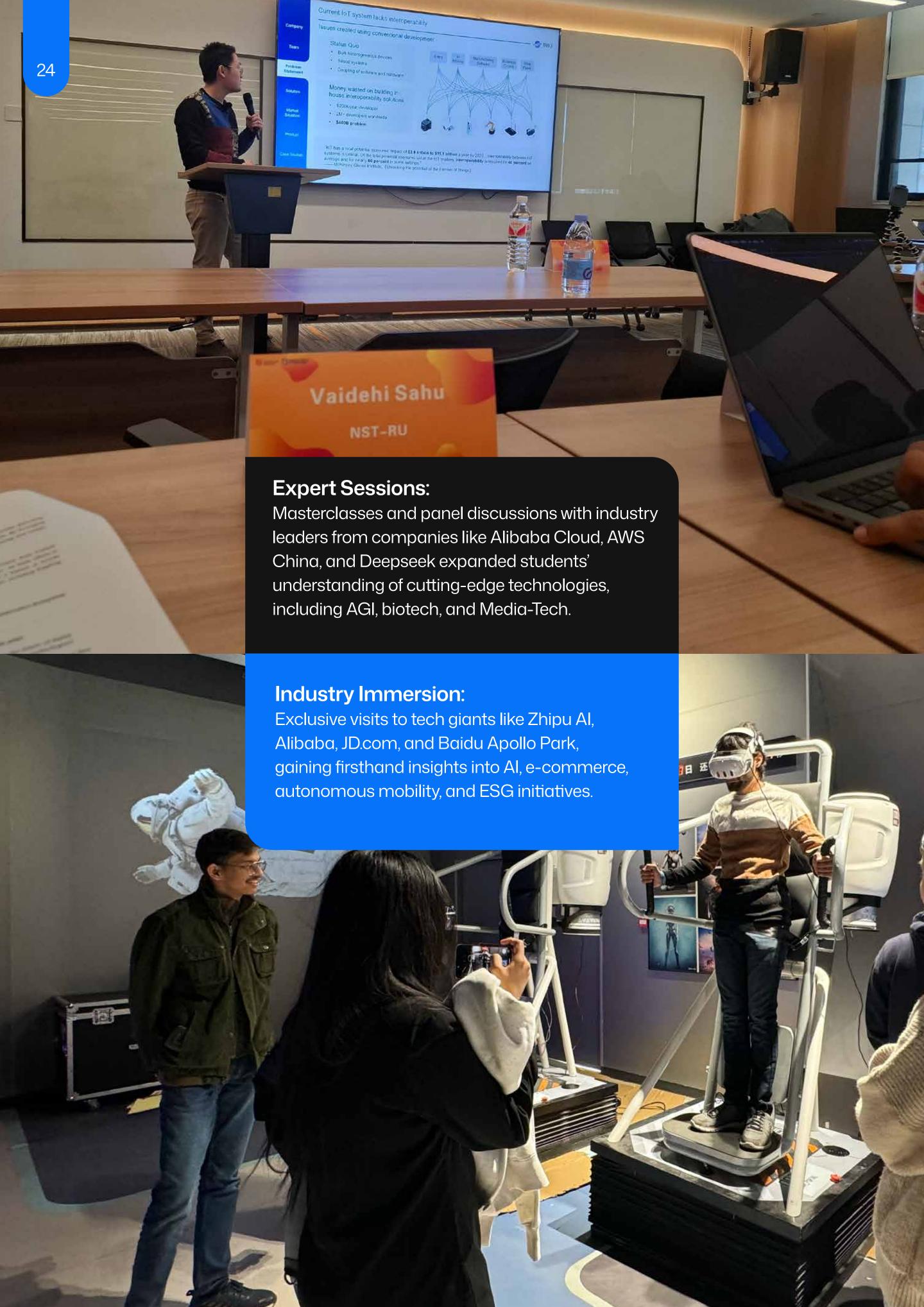


International Immersion Programme

NST Study Track in China

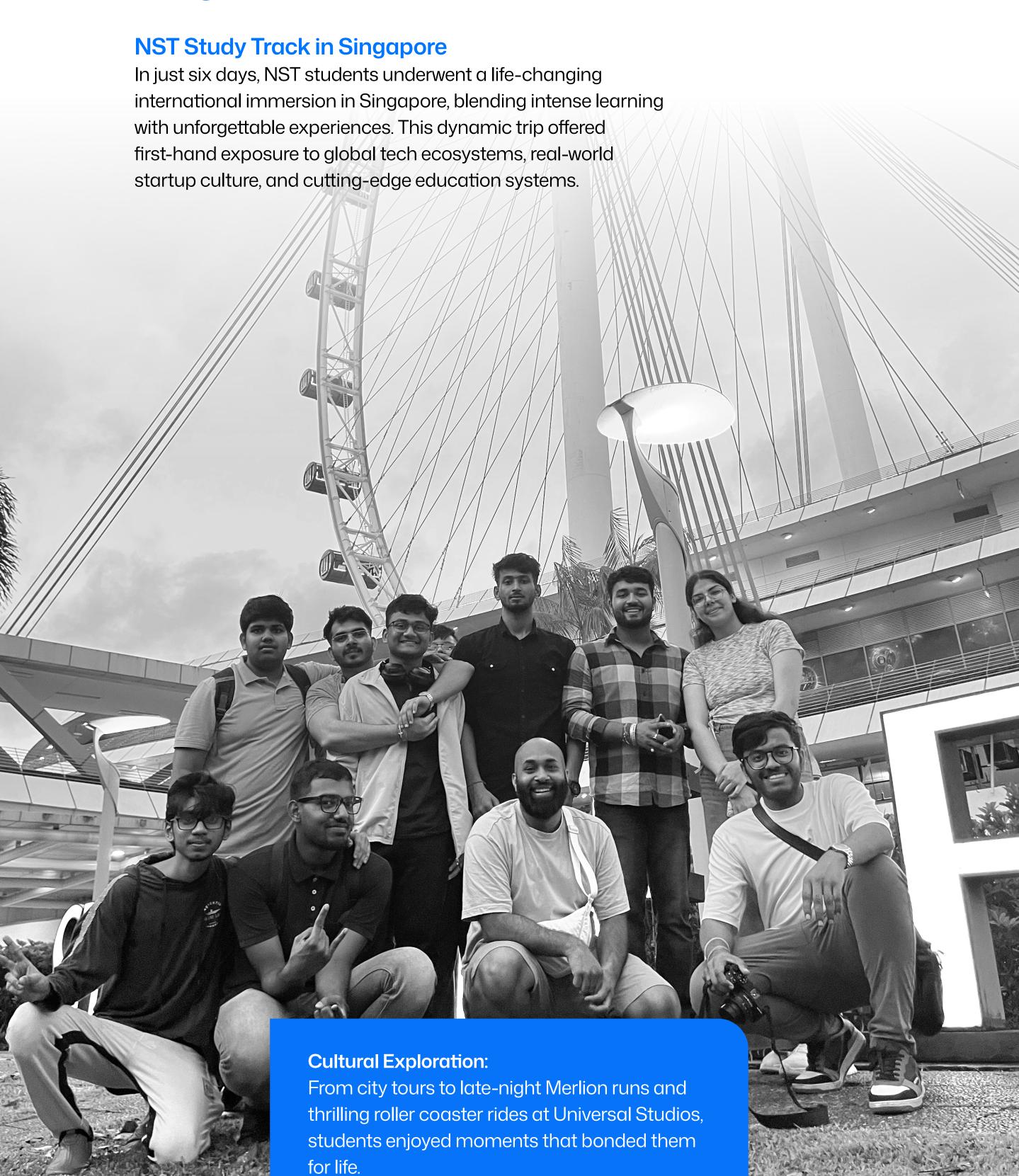
Newton School of technology students participated in an intensive international immersion experience in China, designed to blend global exposure with advanced tech learning and cultural enrichment. Over 100 hours, students engaged in 19 meticulously planned activities.

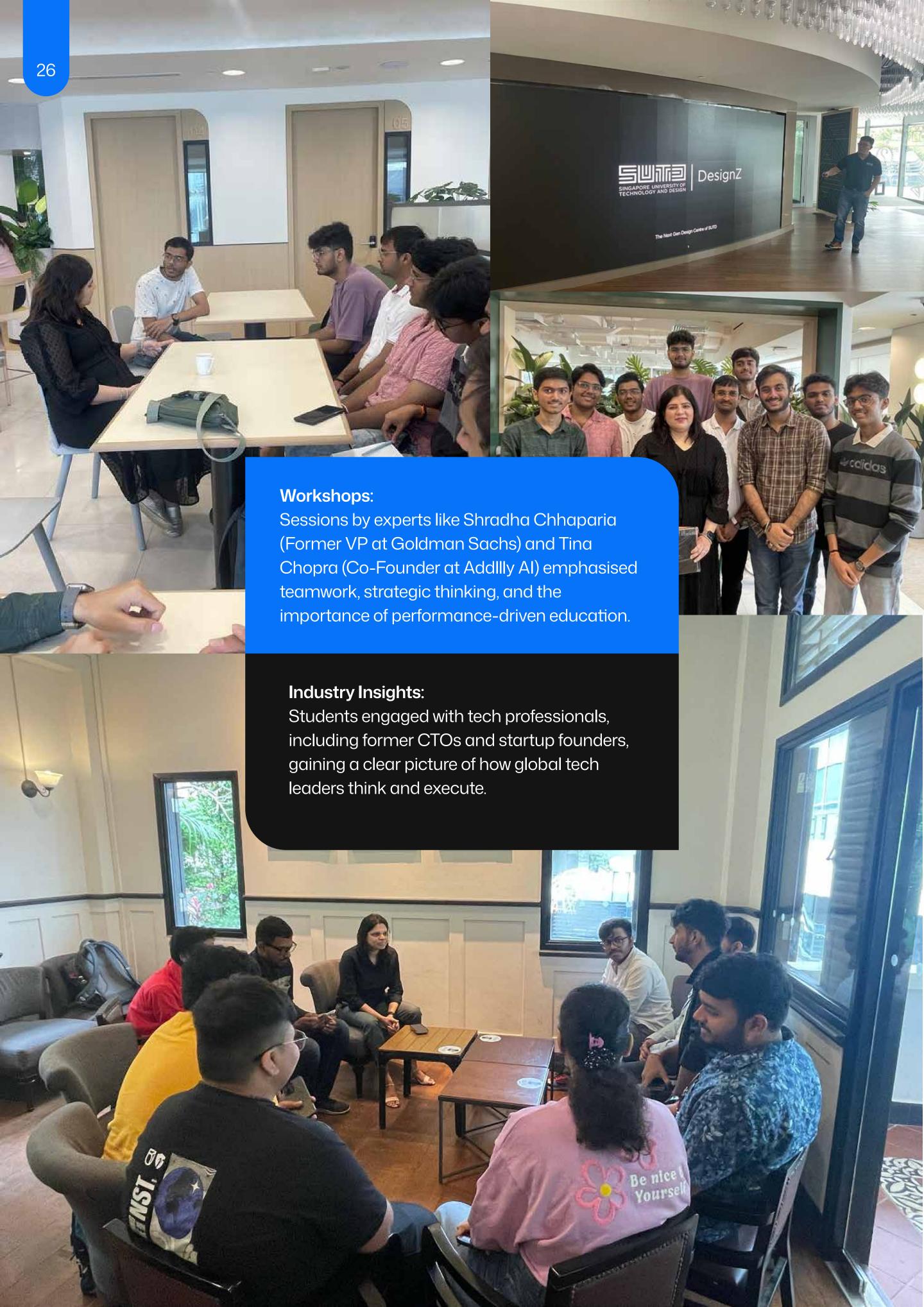


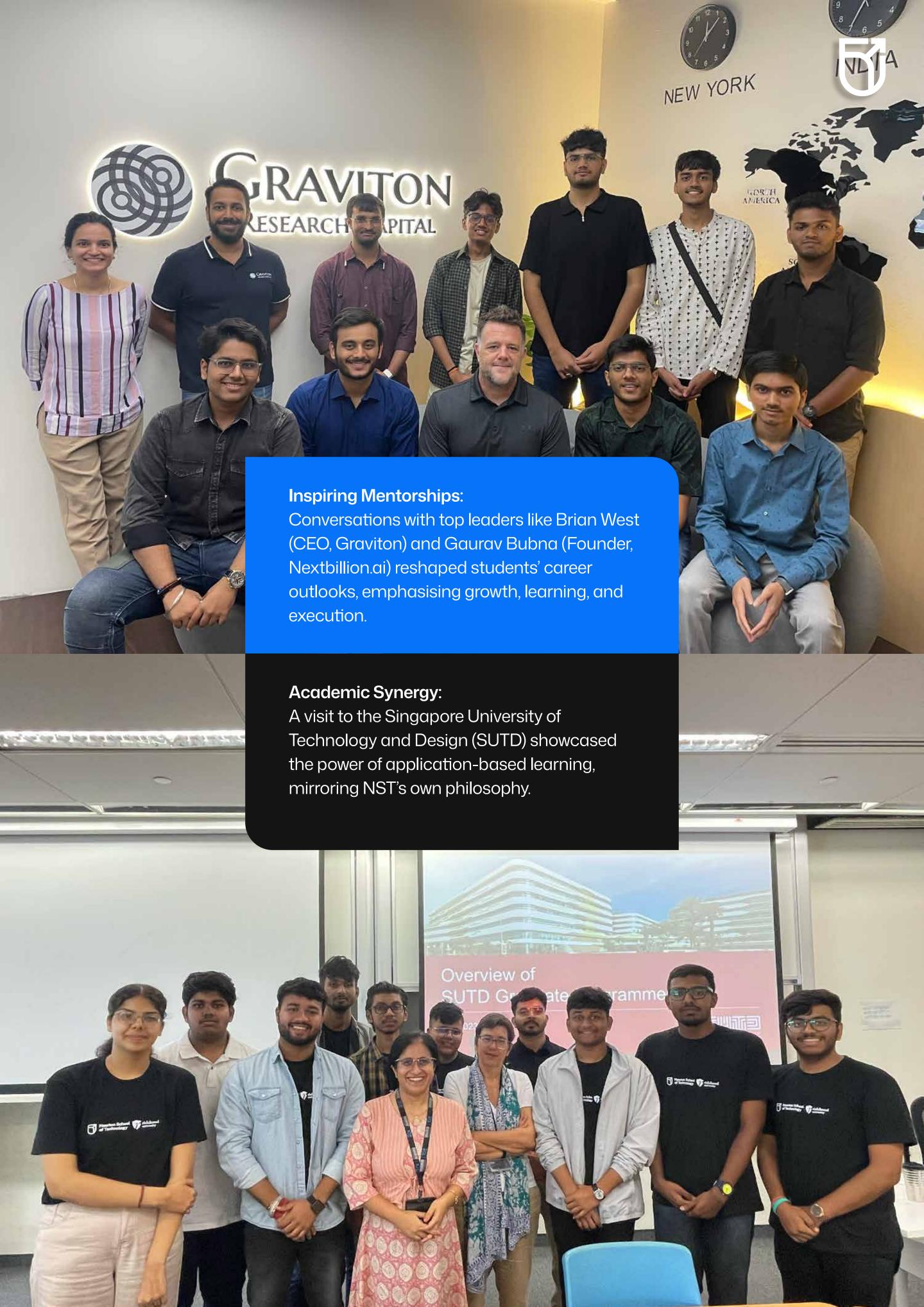




International Immersion Programme







GoForGold Initiative

Despite being a global technology powerhouse that produces millions of software engineers annually, India has yet to win a gold, silver, or even bronze medal at the International Collegiate Programming Contest (ICPC) World Finals. This represents one of the greatest untapped opportunities for our nation to demonstrate its intellectual capacity on the world stage.

At NST, we're determined to change this narrative. Our GoForGold initiative is more than just a training programme—

it's a mission to fulfil India's unrealised potential in competitive programming.

A Matter of National Pride

When our students compete in global arenas, they represent the aspirations of 1.4 billion Indians. Each line of code written and each problem solved is a step toward establishing India as a true programming superpower, not just in industry but in academic excellence.

The day India's flag rises at the ICPC World Finals isn't just a dream—it's our mission, and with NST's GoForGold initiative, it's only a matter of time.



Our GoForGold programme has trained close to 600 of the best coders from top institutions like IIT, BITS Pilani, Amritapuri and more.

Highlights



Team Development:

Building cohesive teams that complement each other's strengths



Expert Mentorship:

One-on-one guidance from champions who have stood where our students aim to be



Specialised Training:

Advanced algorithm workshops and problem-solving bootcamps



International Practice:

Regular participation in global competitions to build experience



GoForGold 2024 Mentorship Team



AmirReza Pourakhavan

2x ICPC World Finalist
International Grand Master



Shreyan Ray
IOI Silver Medalist
ICPC World Finalist
International Grand Master



Deepak Gour
ICPC World Finalist



Ashwin K
ICPC World Finalist



Himanshu Singh
ICPC World Finalist,
Grandmaster



Vivek Gupta
ICPC World Finalist,
Master on CodeForces,
7 Star on CodeChef



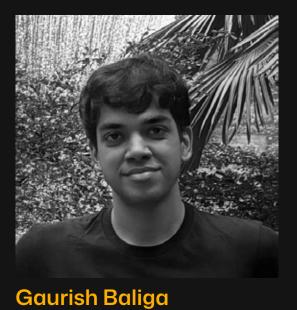
Jaskaran Singh
ICPC World Finalist,
Master on CodeForces



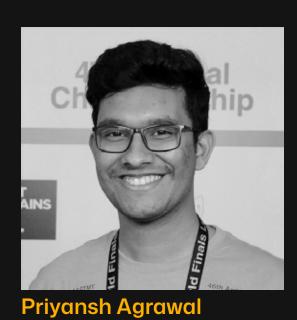
Aryan Choudhary

2x ICPC World Finalist,

Grandmaster on CodeForces



Master on CodeForces



ICPC World Finalist



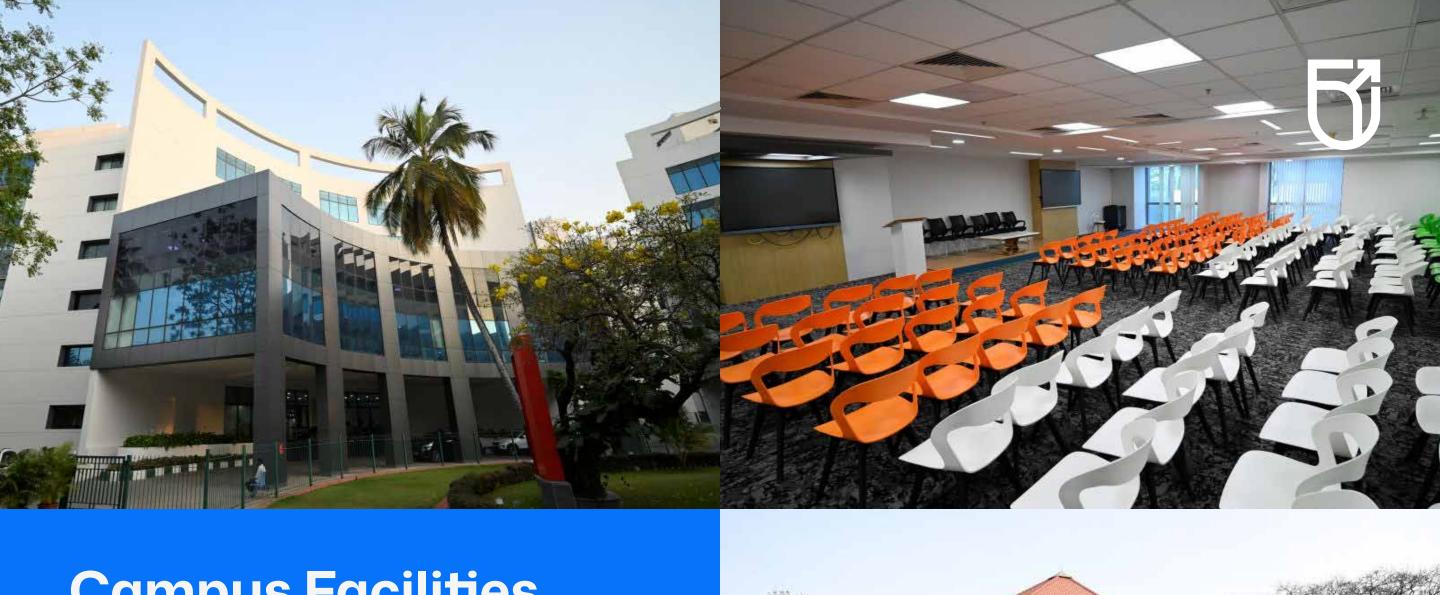
2x ICPC World Finalist, Grandmaster

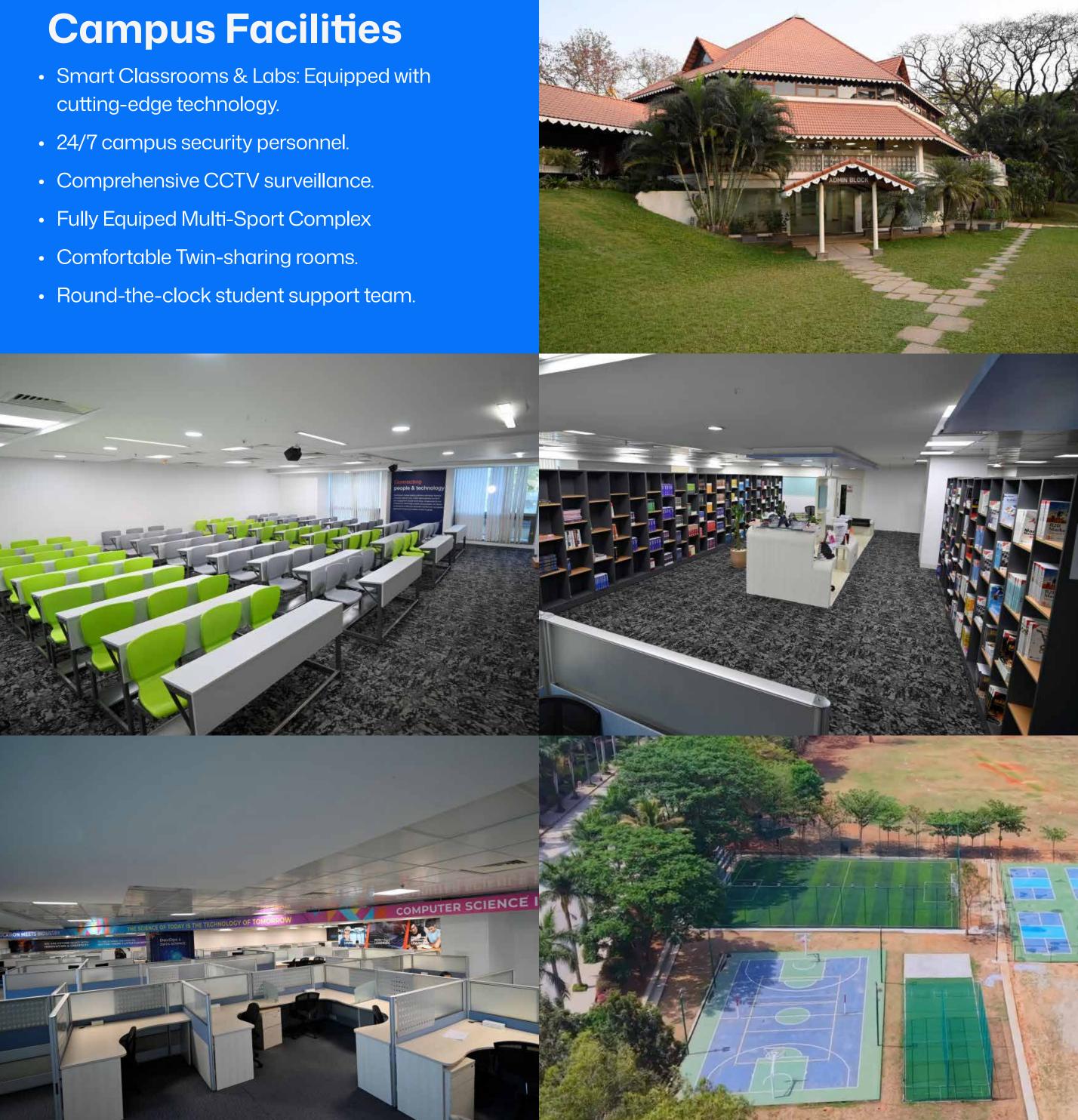
S-VYASA (Deemed to be University) (A+ NAAC accredited, AICTE approved)

The institution blends the Gurukula style of education with a modern scientific approach, placing a strong emphasis on practical, hands-on experience and in-depth research. Students at S-VYASA undergo a unique form of education that integrates Life Training and Character Building through Yoga as a way of life.

At S-VYASA University, we prepare you to launch your career by providing a supportive, creative, and professional environment from which to learn practical skills, build a network of industry contacts, and gain real-world experience.



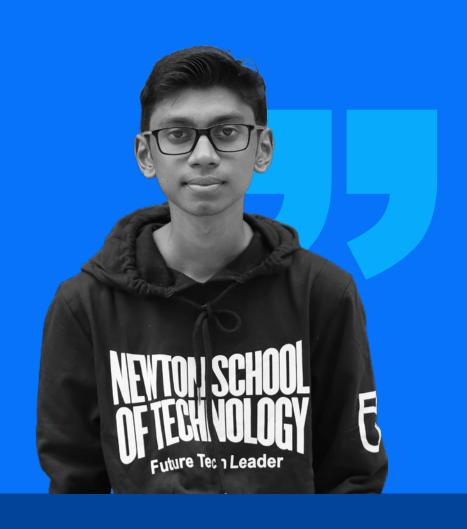


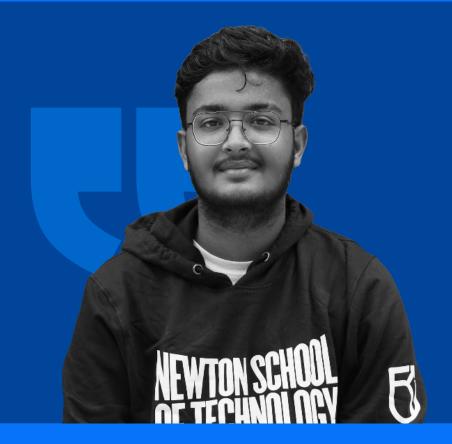


Cracked IIT. Chose NST

"What truly satisfies me is pursuing my passion rather than following a conventional path. Initially undecided between IIT or UPSC, my growing passion for Computer Science led me toward it. Despite securing a spot in NIT Roorkee, I realised I would have to spend years on subjects I wasn't passionate about. That's when I chose Newton School of Technology, where I could focus on coding, Python, DSA, and web development from day one. At NST, the emphasis is on practical, industry-based learning with constant faculty support. My experience here has been incredibly fulfilling, and I now know that true success comes from pursuing what you love, not just chasing a degree or a tag."

- Murali Madhav, NST Student





"For me, success isn't about a prestigious college name, but the skills I develop and the career I build. Despite securing a JEE Advanced Rank of 5669 and having the option to join IIT, I chose Newton School of Technology because it aligned with my passion for coding and mathematics. NST focuses on real-world skills from day one, offering hands-on experience and expert mentorship. I don't regret my choice because it's not about where you study but what you learn and how you apply it in the real world."

– Vaiditya Tanwar, NST Student

"Cracking JEE Advanced with an AIR of 7,953 was a proud moment, but I wasn't getting the CS specialisation that I was truly passionate about at IIT. But when I discovered NST, everything changed. From the very first day, I was building real-world projects, coding, and learning by doing. NST gave me access to startup clubs, helped me launch events like Code Wars with 950+ participants, and even gave me the space to develop my own startup ideas. Being surrounded by mentors, faculty, and visiting VCs like Prateek Poddar and Varun Mayya was truly an inspiring experience. For me, NST isn't just a college, it's a launchpad for the future."

- Harshit Jain, NST Student



These stories represent just a small sample of the many talented students who chose NST despite having offers from IITs, NITs, and prestigious international universities. Their decisions weren't made lightly—they recognised that in today's rapidly evolving tech landscape, the practical, industry-focused education at NST would better prepare them for future success than traditional theoretical approaches.



Admission Process

Cleared the Personal Interview round.

- Sign up on our website
 Fill out the application form with personal information.
- Take the NSAT entrance test
 Complete the 180-minute assessment covering
 General Aptitude, Mathematics, & English.

Demonstrated skills, knowledge, and passion for technology.

- Personal interview round

 Schedule an online personal interview after qualifying in NSAT.
- Counselling & admission

 Appear for on-campus counselling after clearing the interview.
- Follow the instructions in the admission letter and submit required documents and fees.

Scholarship Opportunities

At NST, we believe that financial constraints should never stand in the way of talent, ambition, and academic excellence. Our wide range of merit-based and need-based scholarships are designed to support deserving students in their educational journey. Whether you're a top performer, a promising leader, or someone who simply needs a financial boost, we're here to help you focus on what matters most—your future.



Merit-Based Scholarships:

Up to 100% waiver on first-year tuition fees based on NSAT & interview performance



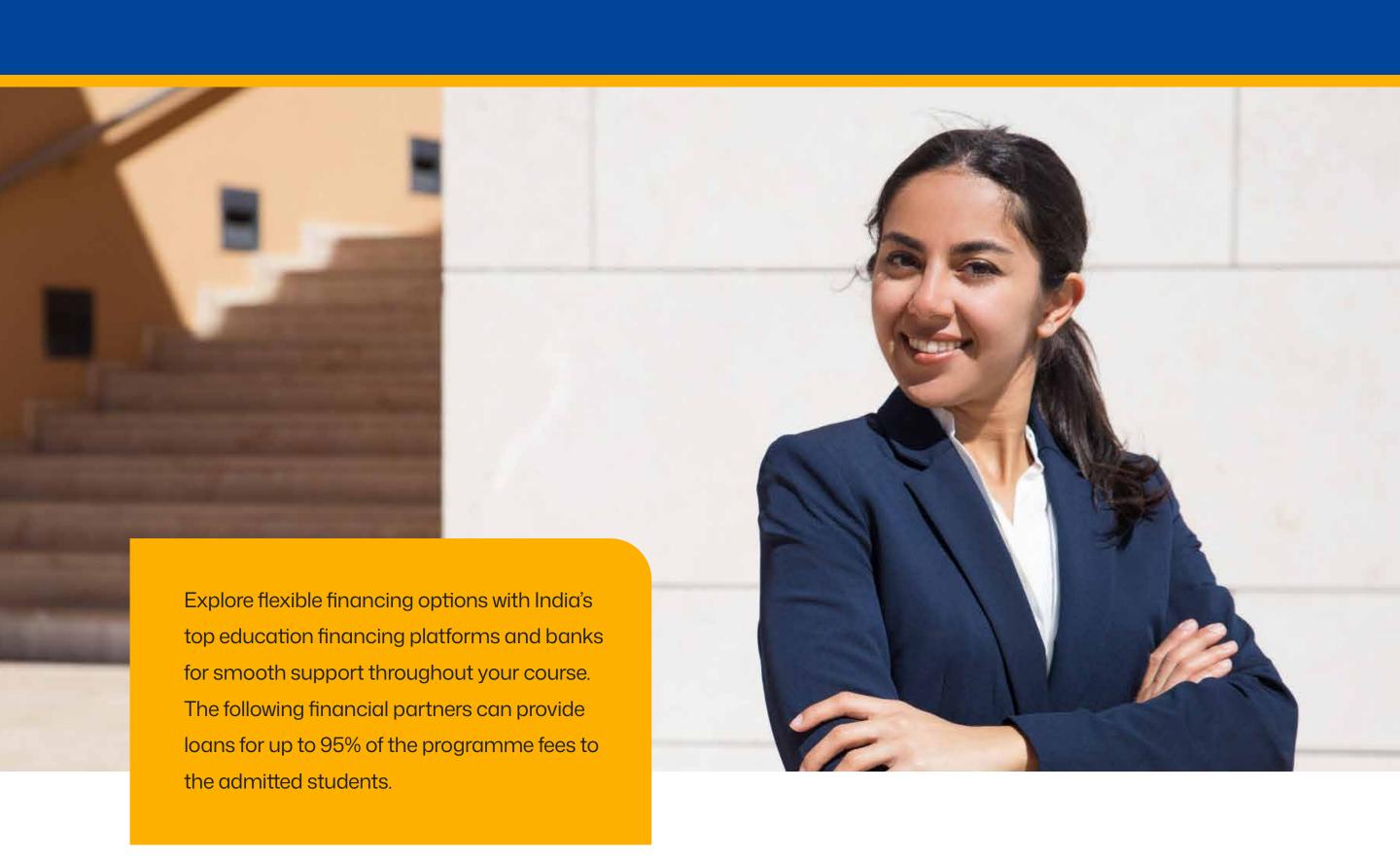
Young Women Leader Scholarship:

Up to 10% waiver on tuition fees across all 4 years for exceptional female candidates



Extraordinary Achievement Scholarship:

Up to a 10% tuition fee waiver across all 4 years for district or higher-level sports, national or international Olympiads, competitive exams, or standout coding and tech projects















More Than a Degree

At this point, we have introduced you to our industry-driven curriculum designed for tomorrow's challenges, our exceptional placement record that speaks for itself, and our students' global achievements that put India on the world stage. You've met our world-class mentors who have built billion-dollar enterprises and heard from students who chose passion and purpose over conventional paths. Now, it's your turn to become part of this story of innovation and transformation.

An Investment That Lasts a Lifetime

Year-on-Year Fee Structure Breakdown-2025

Fee Components	Year 1	Year 2	Year 3	Year 4
Seat Block Fee	50,000	-	-	-
Tuition Fee	3,00,000	3,00,000	3,00,000	3,00,000
Upskill & Technology Fee	1,20,000	1,20,000	1,20,000	1,20,000
Hostel & Mess Fee	1,90,000	1,90,000	1,90,000	1,90,000
Refundable Caution Deposit (IFRSD)	50,000	-	-	-
TOTAL COURSE FEES*	7,10,000	6,10,000	6,10,000	6,10,000

^{*} Fees structure for academic year 2026 will be updated soon

- 1. The seat block fee is a part of the total course fees payable.
- 2. Hostel & Mess Fees might be adjusted for inflation by 7 10% per year from 2nd year onwards. Staying in the hostel (Non-AC Two-Sharing rooms only) and availing the mess facility is mandatory for the first two years of the program. Electricity Charges will be additional and charged as per usage. In Years 3 and 4, students will have the option to continue availing hostel and mess facilities. Students who wish to stay independently may do so with official parental consent.
- 3. A one-time refundable security deposit of Rs 50,000/- will be payable at the commencement of the program and will be refunded upon graduation or withdrawal, subject to deductions for any damages or dues.
- 4. The Upskilling & Technology Fees is allocated to various skill development initiatives offered as part of this program. These may include access to the Learning Management System (LMS), specialized skill training, guest sessions, placement assistance, and other skilling opportunities. Additionally, an NSDC-accredited certification is part of this offering.

Join India's Tech Revolution

The 9 crore new tech jobs of the next decade won't just be filled—they'll be shaped, and led by people like you. NST graduates don't just participate in the future; they engineer it.

The question isn't whether technology will transform our world. The question is: Will you be among those leading the transformation?

Your journey from student to innovator begins with a single step.

Here to revolutionise tech education in India





