SCALER
School of Technology

EXCEL. EXCEED. LEAD.

A 4-YEAR UNDERGRADUATE PROGRAMME
IN COMPUTER SCIENCE - 2024

WELCOME TO THE

SCALER
School of Technology

India's Ivy League
for Computer Science Education

Director's Desk

Anshuman Singh

Co-founder, Scaler
(A 6000 Crore Company)

Ex-Tech Lead, Facebook Messenger
Set up Facebook's London Office

AIR-5, Maths Olympiad
Cracked multiple IITs,
Joined IIIT - Hyderabad,
Represented India at the
Finals of Coding Olympics

Software is eating the world. Powered by tech, the world as we know is changing. And software engineers are driving this change. The need for skilled software engineers is increasing by the day.

Limited by an outdated curriculum and crippled by rote learning, 90% of tech graduates today are not adept at handling new-age skills like Artificial Intelligence, Machine Learning, Data Engineering, and more.

Using past learnings and stellar outcomes as a structure, we have launched the next revolution in undergraduate education – Scaler School of Technology. Built for the Industry, by the Industry; it aims to develop and nurture tech talent to transform the tech industry, one batch at a time.

Our vision with this 4-Year residential programme is to bridge the evident gap between the Tech Industry and Tech Education. With tech experts as instructors, mentors, and batch success managers, we will ensure that no student is left behind. **The same vision has been echoed by many CTOs and industry leaders, including NITI AAYOG's former CEO, Amitabh Kant**.

"Today, where even top-tier institutes like IITs are running old syllabi, Scaler does the job of producing high-quality engineers."

**Amitabh Kant,
Ex-CEO, NITI Aayog,
Govt. of India**

From my experience of building Facebook Messenger, setting up Facebook's London office, and interviewing 500+ candidates from multiple countries, I can confidently state that this innovative structure is the first-of-its-kind in the world to be implemented at the graduate level.

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Preparing for the Future: Computer Science

According to estimates from Coursera, in the next 10 years, there will be 9 crore new jobs in software engineering alone. Every year 10 lakh students apply for CS at top IITs, but only 500 seats are available. Which means only 0.05% of the total applicants make the cut.

16 lakh students
graduate as engineers, each year

of which, only
16% find a job,

out of those,
80% are CSE jobs

and only 2% earn
more than 8 LPA.

High-quality software engineers are in very high demand and will continue to be. Unfortunately, the current curriculum is not enough to get a job, let alone make a career. We feel that India is the youth capital of the world and for our growth, this needs to be fixed.

No. of new SDE Jobs

90L+ JOBS
There will 90 Lakh Jobs by the time you graduate

50L

30L

2020s   2024   2025

Introducing Scaler School of Technology

The first-of-its-kind 4-Year Programme in Computer Science that preserves and upholds the Skills-with-Degree culture. This is to help our learners break away from the rat-race culture of conventional education and scale ahead in the tech industry through:

- A revolutionary UG program delivered by 100+ tech leaders from Google,Microsoft, Uber, etc.

- A curriculum that enables every student to graduate with more than a year of industry experience.

- A team of veterans who help build future tech leaders with skills at par with a Sr. Engineer / SDE- II in the industry.

4 Years
UG Programme with 1-Year paid internship

Eligibility
Class 12th pass-outs and current students

Fully Residential
In the vicinity of top tech companies in Bangalore

Unique Selective Admission
to identify the top 2% talented students

Expertise that Delivers: Scaler's Proven Track Record

Our Alumni Work at*

Google   amazon   Adobe   PayPal   Microsoft   TARGET | & 900 more

₹ 900 CR	amazon	3700+	₹ 1.7 CR
Salary created for Scaler graduates in the last 4 yrs	Hired more Scaler graduates than all the IITs combined	Learners placed at top tech companies	Highest salary, 21.6 LPA average salary of learners

*Verified by KPMG, the data is explicitly from Scaler's working professional course

Supported & Mentored By India's Top Tech Leaders

Rajan Anandan
Ex-VP SEA, Google

Binny Bansal
Co-Founder, Flipkart

Deepinder Goyal
Co-Founder, zomato

Apurva Dalal
Engineering Lead
Ex- twitter

Kunal Shah
Co-Founder, CRED

Amrish Rau
CEO, Pine Labs
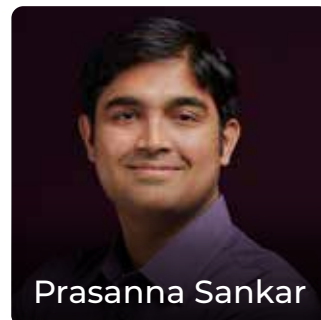
Prasanna Sankar
Co-Founder, RIPPLING

Jacob Singh
Ex-CTO, blinkit

and 100+ more Industry Leaders

Scaler School of Technology

Founded on 6 Pillars of Holistic Education

Future-Proof Curriculum

A holistic curriculm designed by top tech experts

Learn From Top Instructors

Daily classes from instructors who have built FB Messenger, Uber, Hotstar & many more

1:1 Mentorship

Monthly 1:1 career guidance from industry experts to help you succeed

1-Year Paid Tech Internship

Get real-world exposure with a compulsory 1-Year paid internship

100% Placement Assistance

900+ career partners and 100+ recruitment specialists

Learn by Building Products

Build 50+ real-world products that mimic engineering challenges

4-Year Undergraduate Programme in CS

Along with Scaler School of Technology's UG program, valued by top tech companies, our students would be advised to pursue a Bachelor's and Master's degree in parallel to ensure they have more flexibility with their career outcomes. By doing this, we want to bring the best of both worlds together. On the one hand, our learners will have access to a cutting-edge curriculum and pedagogy that ensures they are set up for success in Computer Science.

Formal degrees from a reputed university qualify students for a wide range of opportunities, including pursuing Masters abroad, obtaining work visas for migration, enrolling in MBA programs with the CAT & GMAT, and securing government jobs. To implement this thought process, the following programs are what we recommend& help our students to apply to.

Bachelor's degree
we recommend
Bachelor's of Science in Computer Science by BITS Pilani[*]

3 Years

Master's degree
we recommend
**Master's of Science in Computer Science by Woolf**[**]

1 Year

*This online degree program runs independently and SST students can pursue this degree in concurrently with the Scaler School of Technology's residential undergraduate program. It's important to note that the BITS Pilani degree is awarded separately, and admission to the degree program is solely at the discretion of BITS Pilani. Students will have to complete all requirements as set by BITS Pilani for the grant of the degree in the BITS Degree Programme.

**This degree is endorsed by the European Credit Transfer and Accumulation System (ECTS), a widely recognised accreditation system accepted by universities & organisations in the US, Europe, Canada, and numerous other countries, however, Woolf being a foreign institute is not recognised by UGC/AICTE.

Curriculum
That Ensures Outcomes

We developed a comprehensive curriculum based on detailed discussions with the top minds from the industry, while ensuring we do not compromise our academic standards. Our curriculum is crafted to sow strong foundational concepts of Computer Science, gradually elevating students to realise industry's expectations.
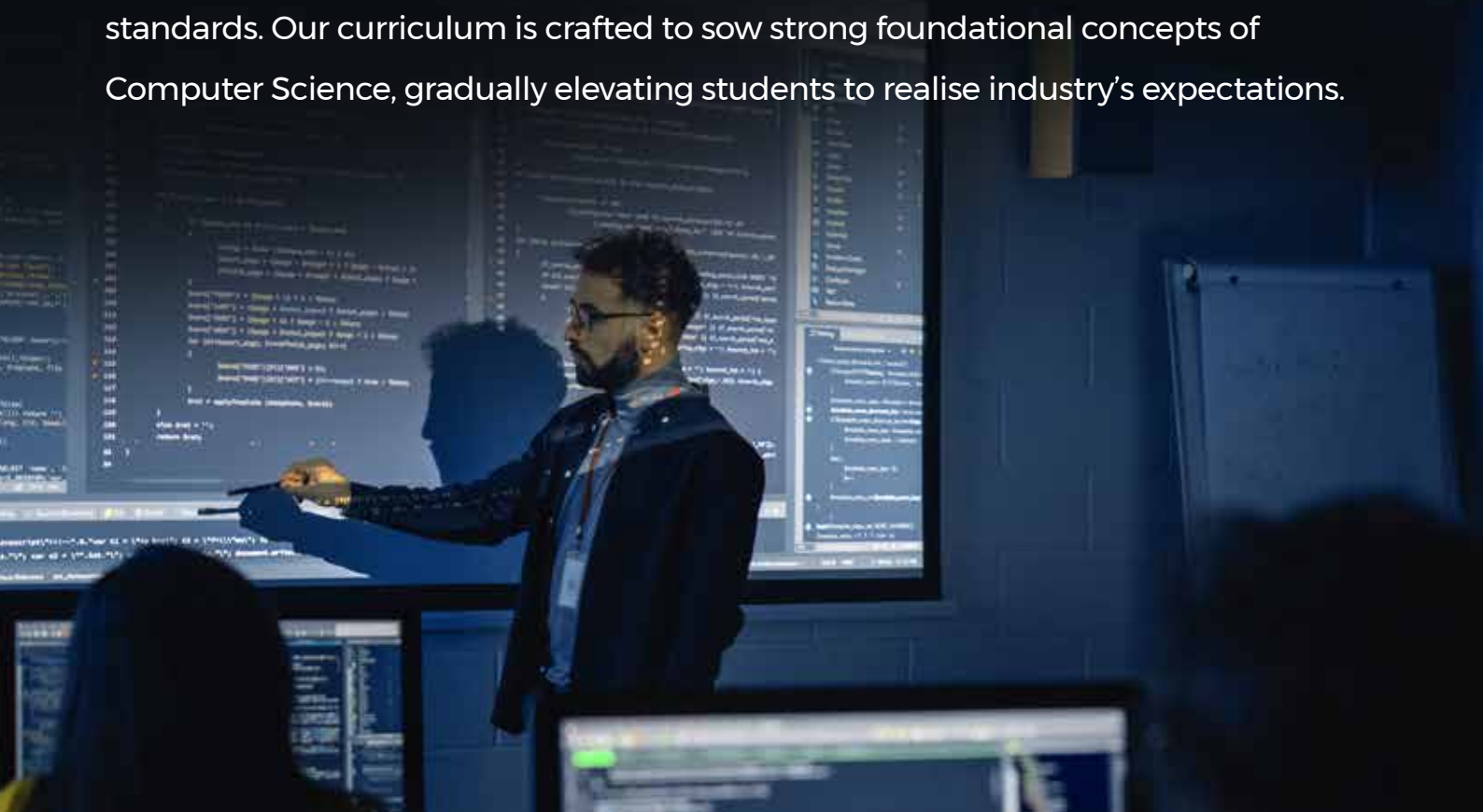
PHASE 1
Initial 2 Yrs

LEARN

Fundamentals of DSA, Fullstack, Shell, Frontend & work on your Soft Skills

PHASE 2
Next 1 Yr

EXPERIENCE

A 1-year paid internship at a top tech company & receive a Pre-Placement Offer

PHASE 3
Final 1 Yr

SPECIALISE

In high demand fields like AI/ ML/ Algo Trading & bag placement offers from Tech Giants

Phase 1

Learn Fundamentals | Duration: 24 Months

Become a Competitive Programmer

Skills you will learn:

Java Basics | Classes and Objects | Discrete Mathematics | Learn Data Structures and Algorithms | Graph Theory - 1 | Competitive Programming

Build a Web Server with 100k+ Concurrent Requests

Skills you will learn:

Shell Scripting | Memory Management | Processes and Thread | Concurrent Programming | Computer Network | Socket Programming

Build an Online Excel Sheet with 1M+ Rows

Skills you will learn:

HTML / CSS | How Internet Works | Browser Architecture | JavaScript | DOM | Lazy Load | Website Optimisation Techniques | React

Build an eCommerce Website

Skills you will learn:

Databases | SQL | Schema Design | NoSQL & NoSQL Schema Design [Architecture not covered] | Indexing | MVC Frameworks | Get Started with Spring Boot | Get Started with Cloud | Integrate CDNs | Payment Gateway Integration

Implement https & RSA Encryption

Skills you will learn:

Symmetric Key Encryption | Block Cyphers | Public Key Encryption | NP-Hard / NP-Complete Problems | Public-Private Key Encryption

Master Product Roadmaps and Metrics

Skills you will learn:

OKR Framework | Metrics for Acquisition, Activation, Engagement, Retention, Monetisation | Hands-on with Mixpanel / Google Analytics | User Research and Need Discovery / Validation | Case Studies

Analyse Data to Derive Business Decisions

Skills you will learn:

SQL | NumPy, Pandas, Matplot, Seaborn | Web Scraping | Probability and Statistics | Case Studies

Phase 2

Gain Real-World Experience | Duration: 12 Months

Pre-Internship: Learn your Company's Tech Stack, Unit Testing, and Documentation

Skills you will learn:

Build a small project on the Tech Stack of the company you'll be joining | How to write Unit Tests | Art of Writing Documentation | Art of Handling Large Codebases | Debugging Tools

12-Month Internship with regular 1:1 Mentorship

Support you will receive:

Monthly / Biweekly check ins from a Personal Mentor | Correction on Hard and Soft Skills as needed | Support Material to help succeed in the role as needed

Phase 3

Specialise | Duration: 12 Months

Learn Project Management

Skills you will learn:

Project Timeline Estimation | Tools like Gantt Charts | Stakeholder Management Basics

Choose any 2 Specialisations

Engineering Leadership Track

Skills you will learn:

Low-Level Design & Design Patterns | System Design of Large Scale Products with Case Studies | Implement Handling Large Data Streams on Cloud | VoIP - Build your own Zoom | Cybersecurity Basics | Data Engineering: Create Data Lakes, Write | Spark / Map Reduce Jobs

MAANG Track

Skills you will learn:

Number Theory | Prob and Stats - 2 | Advance DSA | Advance Graph Theory

Algo Trading Track

Skills you will learn:

System Programming using C/C++ | Multi-Threading and Concurrent Programming - 2 | Advance DSA | Prob and Stats - 2 | Linear Algebra | Stocks and Derivatives - 101 | Quant Research Methods

AI/ML Track

Skills you will learn:

Prob and Stats - 2 | Linear Algebra | Classical ML - Supervised Learning | Classical ML - Unsupervised Learning | Computer Vision | NLP

The Learn by Doing Pedagogy

We understand our curriculum won't be impactful for our learners, if not paired with innovative teaching methods. To do justice to that, we make sure they Learn by Doing!

1

Integrated Lab Sessions

Post every lesson to ensure every class has hands-on components.

2

Gamified Learning Platform

Real-time gamified tracker to keep a track of learners' growth.

3

Hackathons

Brainstorm in collaboration with our career partners and brace for real-world hackathons like ICPC, GSoC and more.

4

Fireside Chats

Expert sessions by Industry Leaders & top CTOs to get first-hand industry insights.

Teaching Army Who'll Go the Extra Mile!

Our learners will be taught and mentored by those who are breaking new ground, have developed scalable systems and products, nurtured unicorns and decacorns, and built a legacy in the tech industry.

Meet Our Instructors

Gain real-world knowledge directly from the tech veterans, who have been there, done that.
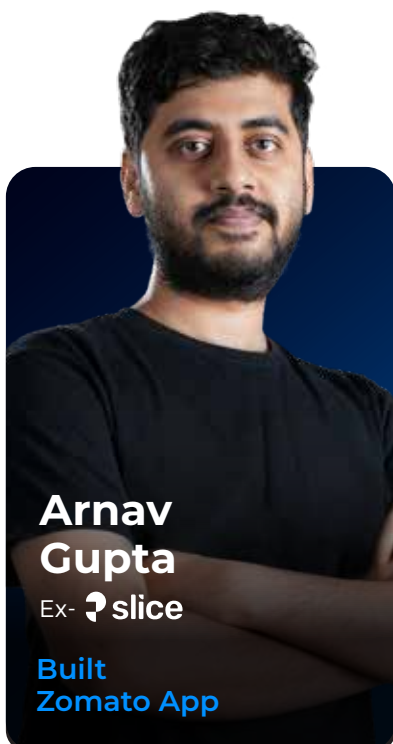
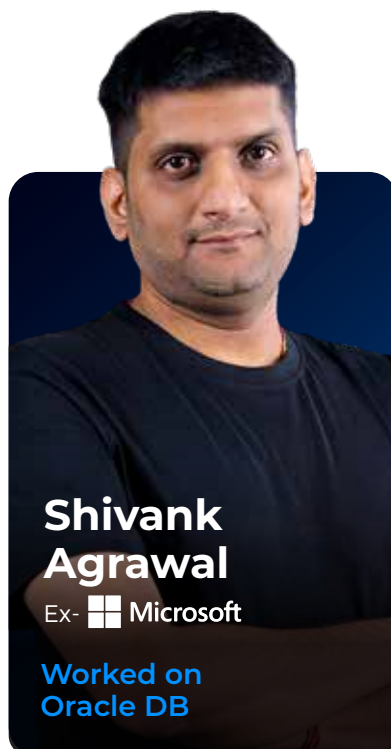**Anshuman Singh**
Ex- facebook

Built Facebook Messenger

Srikanth Varma
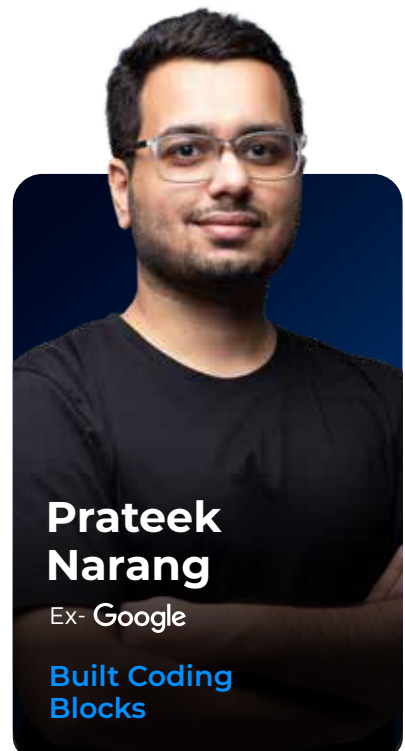Ex- amazon

Built AI @ Amazon

Naman Bhalla
Ex- Google

Worked on Google Ads

Arnav Gupta
Ex- slice

Built Zomato App

Shivank Agrawal
Ex- Microsoft

Worked on Oracle DB

Prateek Narang
Ex- Google

Built Coding Blocks

and 100+ more Tech Veterans as Instructors

Meet Our Mentors

Our team of industry experts will mentor learners, provide end-to-end clarity and help them overcome the uphill battles of tech. They will resolve queries, give interview tips and placement assistance to ensure every learner is on the right track.

Goutham Harsha

Tech Lead @ Google

Worked at : Google, Apple & Microsoft

Udit Agarwal

Engineering Leader @ amazon

Worked at Microsoft, Amazon & Adobe

Divya Karia

Software Engineer @ Google

Worked on : Google ADs & Google Play

Vinod Kumar

Software Engineer @ ∞ Meta

Worked at: Microsoft, Amazon & Facebook

and 100+ more Tech Veterans as Mentors

Meet Our Super Mentors

To fuel learning and pour inspiration we'll hold quarterly sessions with Industry Leaders and top CTOs from companies like Google, Uber, Cred and many more.

Rajan Anandan

Ex-VP SEA, Google

Apurva Dalal

Ex-Engineering Leader, Twitter
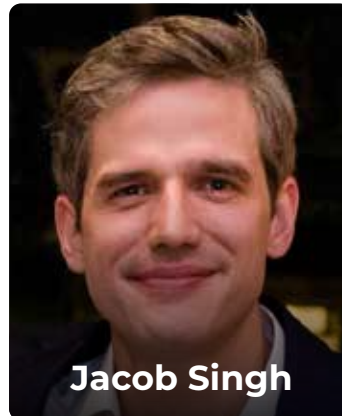
Jacob Singh

Ex-CTO, Blinkit
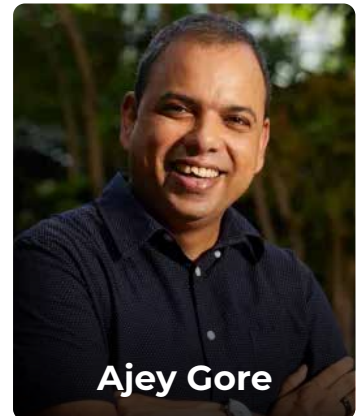
Ajey Gore

Operating Partner Tech, Sequoia

Success Managers

Guiding Learners at Every Step

Our Success Managers will go above and beyond to solve any problems and motivate learners to step out of their comfort zone. They'll ensure their group of learners graduate with flying colours.

Placement Assistance at Scaler School of Technology

Giving learners the choice of a stellar line-up to start their career!

Google amazon Adobe Microsoft TARGET

- **100% Placement Assistance:** Dedicated career support and guidance to help learners land at top tech companies

- **100+ Career Specialists** to ensure personal attention for CV building and interview preparation tips

- **30K+ Scaler Community** to network and connect

Google   amazon   Microsoft   Adobe   MindTickle!

Flipkart   Goldman Sachs   Myntra   OLA   media.net

OLX   NUTANIX   Atlassian   Paytm   gojek

Qualcomm   PayPal   ONEPLUS   UBER   wakefit

toppr   snapdeal   NVIDIA   intuit   salesken

SAMSUNG   TEKION   TARGET   zeta   cleartax

+900 more
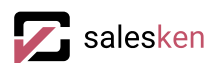
Life At Scaler
School of Technology

Main Campus

Our campus is situated in the vicinity of an IT Hub at the heart of India's Silicon Valley – Bangalore, offering learners proximity to tech giants and techies who are creating impact.

The campus is designed to enhance productivity with easy access to advanced software tools, technologies and high-speed WiFi.

Annex Hostel - Home Away from Home

From world-class facilities to essential amenities, we will take care of everything so our students can focus on one thing— their studies.

Facilities

Cafeteria, laundry, housekeeping, high-speed WiFi, reading rooms and medical centre to ensure comfort and convenience.

Support & Guidance

In case learners need any academic help or counselling, the residential faculty and Success Managers will provide after-hours guidance and support.
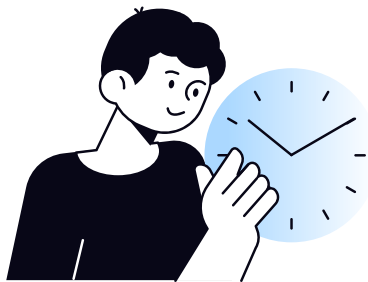
24/7 Open Library & Reading Rooms

To help learners stay updated with the latest developments we have all the sources they may require like course books, e-books, journals newspapers and white papers.

Safety & Security

Secured & separate residential spaces for girls and boys. Guarded by full-time security officials, and CCTV cameras.

Sports & Extra Curriculars

Access to a wide range of sports facilities including a swimming pool, football field, badminton, volleyball, basketball courts, etc.

Recreational Activities and Clubs

Our experiential learning isn't just limited to the classroom. A Scaler learner has access to all the opportunities essential for becoming a well-rounded and high-functioning individual.

Tech-Driven Clubs

AI & TedX

To enable learners to drive their philosophy of ideas by engaging with industry experts, experiencing modern technological frameworks and networking with leaders.

Recreational Clubs

Sports, Fitness, Cultural

To help learners stay culturally aware, participate, persevere, and instil the richness that art has to offer in everyday life. Sports leagues, competitions, theatre, dance, music, comedy, and special events are a few of the many ways for them to have fun and stay active.

Growth-Focused Clubs

Toastmasters & Entrepreneurship

To emphasise on developing intangible assets — public speaking and leadership skills. Improving these may open doors to new opportunities.

Scaler School of Technology v/s Traditional Education

	Scaler Advantage	**Traditional Education**
Curriculum	Real-world, ready for 2028 and beyond	Outdated
Instructors	Worked at Google, Meta, Microsoft and many more	No industry experience
Assignments	Code 50+ Apps and Products	Theoretical written papers
Mentorship	Monthly 1:1 sessions with industry experts	No dedicated guidance
Internship	Compulsory Paid Internship for 1-Year	No support for Internship Opportunities
Employability	Ready to work at top tech companies	Has to undergo extra training
Graduate	At the level of a top tech company's Senior SDE	Starts at the level of Junior SDE

Eligibility and Admissions

Scaler School of Technology looks forward to having those who aspire to become the top 1% of Software and Data Science professionals. To ensure each learner is given enough attention, SST is dedicated to maintaining a distinctive admission process, valuing quality over quantity. Our acceptance rate is a testament to the rigorous standards we uphold, which rival even those of esteemed institutions like Harvard University. This approach ensures that we welcome only the most capable and promising minds into our institute.
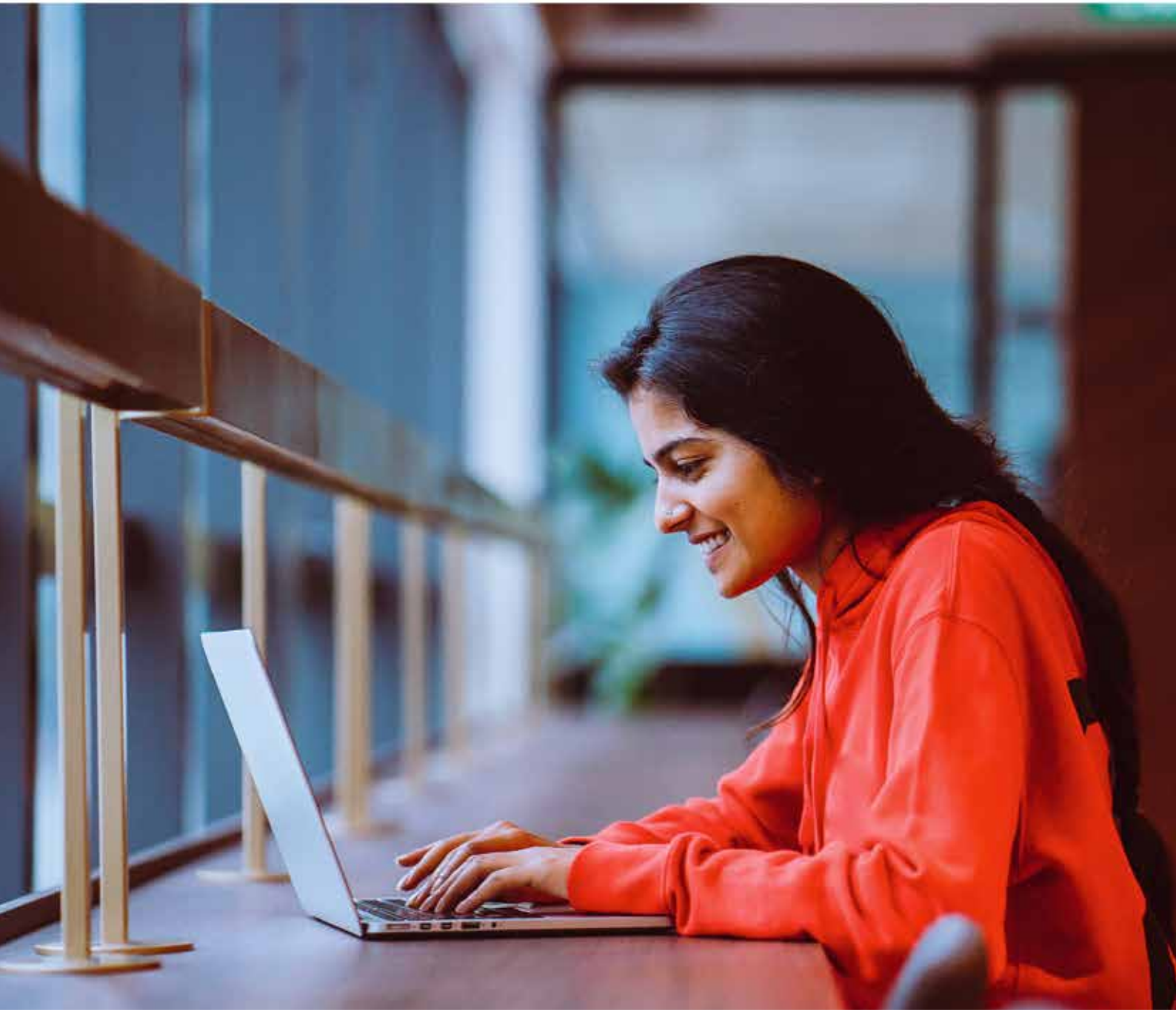
Rigorous Selection Criteria

Academics

Class X & XII Percentage (Expected / Final) from any of the recognised boards

Entrance Test

The test will evaluate candidates' Class X mathematical aptitude and basic knowledge

Profile Evaluation

Post test clearance, candidates will be interviewed to assess their communication skills and team work

Exam Details

Scaler's National Scholarship & Entrance Test
is divided into three sections:

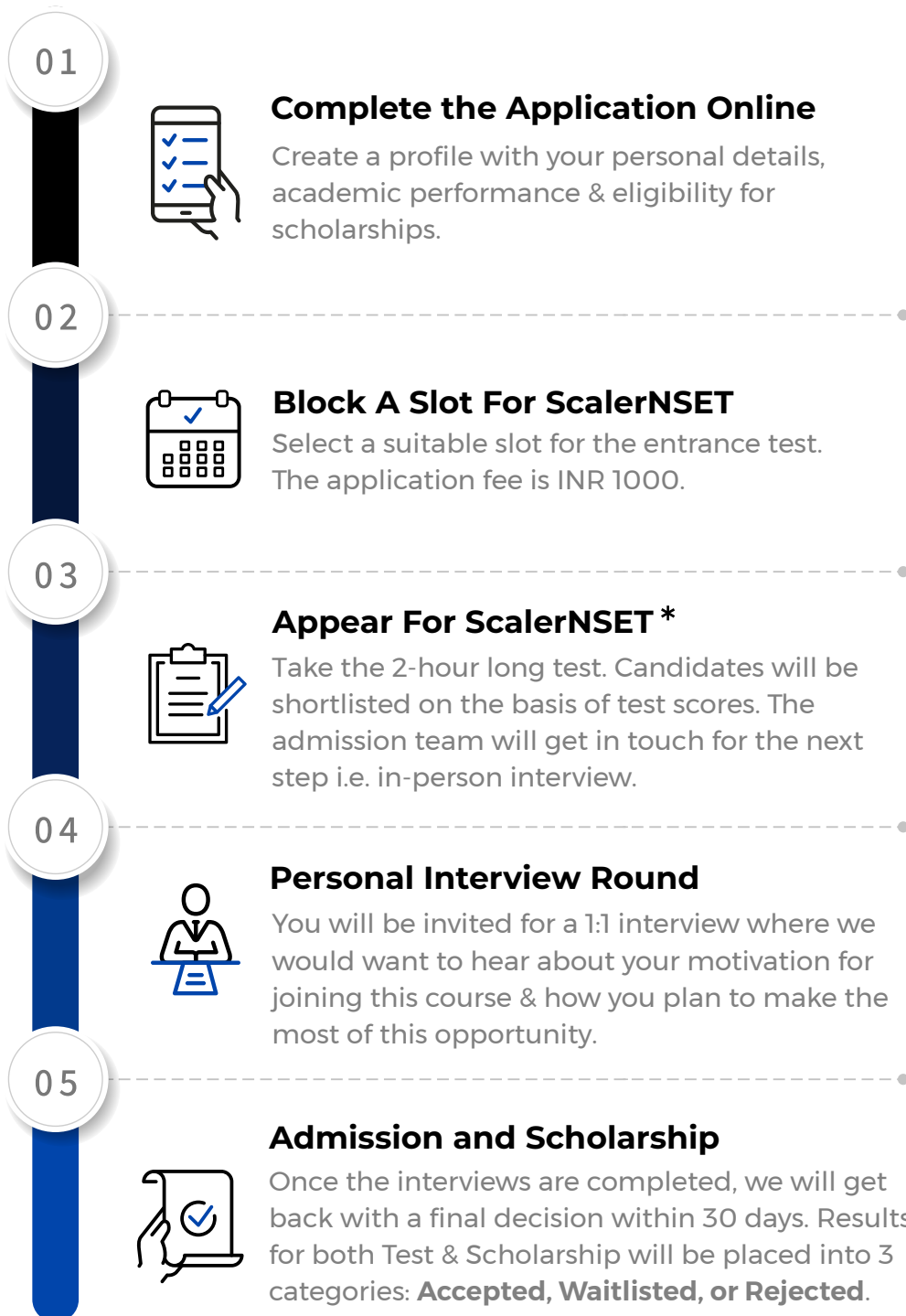| Maths | Logical Reasoning | Learning Ability |

Important Dates & Deadlines

It is advised to apply as early as possible, as more scholarships are offered in earlier rounds.

For updates regarding any changes in the dates, keep an eye on our website.

Application Process

Our application process chalks out your performance based on grades and aptitude including both objective & subjective questions.

01

Complete the Application Online

Create a profile with your personal details, academic performance & eligibility for scholarships.

02

Block A Slot For ScalerNSET

Select a suitable slot for the entrance test. The application fee is INR 1000.

03

Appear For ScalerNSET *

Take the 2-hour long test. Candidates will be shortlisted on the basis of test scores. The admission team will get in touch for the next step i.e. in-person interview.

04

Personal Interview Round

You will be invited for a 1:1 interview where we would want to hear about your motivation for joining this course & how you plan to make the most of this opportunity.

05

Admission and Scholarship

Once the interviews are completed, we will get back with a final decision within 30 days. Results for both Test & Scholarship will be placed into 3 categories: **Accepted, Waitlisted, or Rejected**.

*Note: To ensure a fair selection the test will be conducted online using a strict AI-based proctoring software that monitors the candidates' desktop activity, webcam video, and audio.

The applicants can schedule a mock test before appearing for the entrance if required.

Fee Structure

Year	Admission Fees (Non-Refundable)	SST Tuition Fee*	Hostel & Mess Fees
Year 1	50000/-	1,99,666/-	1,43,000/- Onwards
Year 2	-	3,99,666/-	163000/-Onwards
Year 3	-	3,99,666/-	Optional- internship
Year 4	-	3,34,000/-	187000/-Onwards

Note:
- Hostel & Mess Fees is on a triple sharing basis. For additional details and options for double, please discuss with your admission counsellor once you secure an offer.
- The admission confirmation fee is non refundable.
- Please note that while we strive to keep our course fees affordable, they may be subject to revision in the future due to factors such as changes in market conditions, inflation, or regulatory requirements.

BSc. Computer Science by BITS Pilani Fee Structure

Year	Year 1	Year 2	Year 3
Tuition fee	1,04,334/-	1,04,334/-	1,04,334/-

Note:
- For students enrolling in the BSc CS degree by BITS Pilani, students will have to pay this directly to them as per their schedule.
- Details of the BITS Course Fees can be found here.

Scholarships

At Scaler School of Technology, we are committed to removing financial barriers that may hinder academic pursuits. All Scholarships would be awarded by **the Scaler Impact Foundation**, which is supported by industry stalwarts like Vijay Shekhar Sharma (Founder and CEO, Paytm), Prasanna Sarkar (Founder, Rippling) & more.

List of Scholarships

Brightest Minds Scholarship

This scholarship recognises and rewards candidates with exceptional academic achievements in competitive exams.

Eligibility

With exceptional academic performance in tests such as the JEE, CBSE exam, KVPY, NTSE, etc.

Women in Code Scholarship

To support and encourage talented female students who have a passion for coding and a desire to pursue a career in technology.

Eligibility

Exceptional women candidates who can demonstrate their affinity for coding through tech competitions, events, or more.

Evalution Criteria

- Academic Achievements (Xth / XIIth%)
- Achievements in JEE or equivalent exams or Scaler NSET score
- Projects & contributions (Technical/ Non-Technical/ Leadership roles)
- Family's financial profile

Note: Scholarships will be awarded for the First Year. Students can receive scholarships in the subsequent years basis their academic and overall performance.

Early applicants will have better chances of receiving a scholarship. As it gives the admission counsellors adequate time to review the case thoroughly before presenting it to the scholarship committee.

Learner Testimonials

Our graduates say it best

Ishan Sarma SDE I, amazon

"Perhaps the biggest challenge in my journey was to find the right place that would give structure to my learning. Scaler's course really helped in a way my college couldn't. The course was structured, and the instructors were pretty awesome."

Yash Raizada SWE, Microsoft

"Scaler has acted as a platform where I could learn, experiment and explore outside my curriculum along with like-minded people and awesome instructors, which undoubtedly led to mastery in conquering complex CS concepts."

Vinayak G Bhat SWE, Google

"Scaler gave me a community of thousands of people coming together to work together towards a common goal. The community-focused learning and mentorship really pushed me to become a more confident version of myself!"

Bharath Veldi DevOps Engineer amazon

"Scaler's curriculum included all sorts of industry relevant content, which was indeed what I needed at the time. I learned how to manage my time efficiently to maximise my results, and this skill has proven to be unbelievably helpful and has pushed me closer than ever to my milestones!"

Abirami S SDE-II, **ZETWERK**

"I truly cherish my journey to Zetwerk, and I could not have accomplished it without Scaler's help. The curriculum is industry standard, which helps one prepare for real-life challenges in the best way possible."

Parth Dixit SDE, **amazon**

"Scaler was nothing short of a blessing. With the backing of my fantastic mentors and instructors, I sat for and proudly laid claim to my position as a Software Engineer at Amazon!"

Dhruv Sethi SDE, **amazon**

"Reflecting back on life, I would have done many things differently one of them being – Joining Scaler earlier. I am extremely happy with the direction my life has taken post-Scaler. 11/10 recommended!!"

Krishna Chaitanya SWE-III, **Walmart**

"Scaler was my guiding light. My experience with them has taught me consistency, discipline, and adaptation. For someone of my background to score offers from tech giants like Walmart speaks for itself!"

Take the first step towards becoming a part of the Top 1% of Software Engineers in the country!

Apply Now

Visit: scaler.com/school-of-technology