

JOB ORIENTED ADVANCE DATA STRUCTURES AND ALGORITHMS WITH SYSTEM DESIGN

For Professionals

By Professionals

- Founded by NIT Trichy Folks
- Course Designed by 30+ professionals from Top Tier Companies
- **Guaranteed Job Referrals** in Top Product Based MNC



ABOUT TUTORT

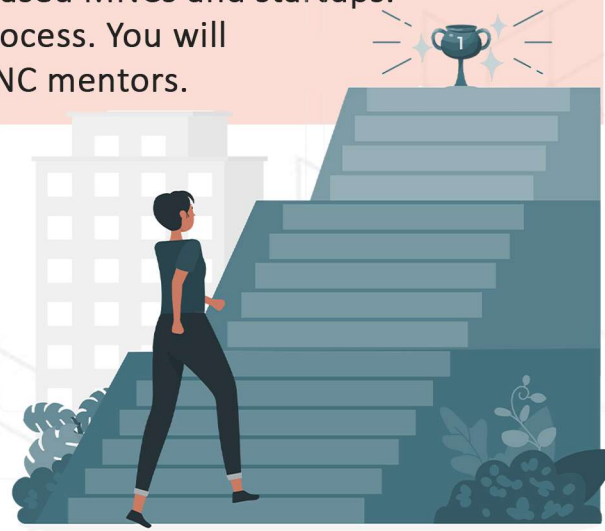
- ✓ We are an Ed-Tech startup founded by people coming from Google and Microsoft and alumni of NIT Trichy. We provide courses for **working professionals** in the field of Software Development, Data Science, Artificial Intelligence, and Machine Learning. These courses are designed with the help of **30+ professionals from top-tier companies**.
- ✓ We aim to bridge the gap between the students and the companies. We provide comprehensive knowledge and world-class training that satisfies top MNC's standards.
- ✓ Our instructors are from **FAANG and top-tier product-based companies** and have a highly experienced background that helps our students to gain more industry-relevant experience.

WHY TUTORT ?

- ✓ Learning software development can never be this easy with our latest curriculum, examples, carefully designed projects, and ultimate mentor support is provided for industry skills to be established. We make every penny you invest worth it.
- ✓ We provide dedicated Placement Assistance and Job Referrals to our students. We also have **tie-ups for placements** in companies like Microsoft, Amazon, JPMC, Walmart, Zoom, Juniper Network, Myntra, etc.
- ✓ We provide **Live Interactive Classes** as well as **one on one** doubt clearing sessions that help our students to constantly work on their projects and learnings. Our mentors are from companies like **Google, Microsoft, Amazon, Adobe, Paytm, Paypal**, etc.

Our Advantage :

- **Guaranteed job referrals** from various top product-based MNCs and startups.
- **No sales person** is involved during the enrollment process. You will directly interact with FAANG & top product-based MNC mentors.



PROGRAM FEATURES

FAANG AND TOP TIER MENTORS

- The course is designed by 30+ professionals of top companies.
- Get trained by FAANG and top tier mentors.
- For working professionals with live interactive sessions.

PERSONAL MENTORSHIP & STRUCTURE PROGRAM

- Structured, personalised & flexible program.
- One on one mentorship for doubt clearing sessions.

DEDICATED CAREER ASSISTANCE

- Career guidance by industry experts.
- Resume and mock Interview sessions.
- Guaranteed job referrals.



FLEXIBLE PASS (ONE YEAR)

- One year flexible pass so you can attend multiple batches with multiple trainers.
- Lifetime access (recordings and content) with updates.

PROFILE REVIEW BY

- Basic qualification check by the admission committee.
- Shortlisted candidates will get a call from the mentor (Google, Microsoft, Amazon, etc.)

FLEXIBLE PAY

- No cost EMI available on major credit cards (ICICI, HDFC, Axis, City, etc.).
- Interest- free loan available without credit card.

Our Advantage :

- You will get **one to one** calls from mentors to **check on your progress** .
- Flexibility to attend **live classes for two years** and access to recordings and materials for lifetime.

STUDENT SPEAK



ASHISH MISHRA
Software Engineer

“One of the best institutes for DSA and System Design. The trainer was so helpful in solving the issues and explaining concepts in a clear and easy-to-understand way, You will get assignments to practice so that you can check your understanding of the topics. The quality of instructors is quite good as they are from top companies. After I opted for there program , I myself got placed in top-tier companies.”

J.P.Morgan

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Success Story Video



SANTOSH MISHRA
Software Engineer

“Strongly recommend Tutort Academy's DSA and System Design for Working professionals. A well-structured program in terms of career assistance, the mentors are immensely helpful and encouraging. The live interactive instructor-led sessions, two-year flexible pass, and 1:1 doubt clearing sessions are great highlights. The best part of the program is you get to speak with a career counselor who is working in Top Tier & FAANG companies before you enroll ”

 Microsoft

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Read more on [Quora](#)



RITIK GUPTA
Python Developer

“ I had a great experience with Tutort Academy. The most unique educational platform for the DSA program in India right now, with FAANG instructors and high-quality training at an affordable price with life-time LMS access (content & videos). The support team is doing great work, quite responsive to whatever issues that we face! Highly recommended for Working Professionals. ”

 **NOVOSTACK**
invincible serendipity

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AKANSHA LIKHDARI
Software Engineer III

“I am very thankful to Tutort Academy and mentors, because of their support I cracked Walmart as an SDE-3. Their course content, mentors, doubt clearing sessions, and one-to-one mentorship really help a lot. Whenever I was stuck, I posted in groups, where we discussed and we used to get a call from a mentor ASAP. If you are serious about your career and pursue a role similar to SDE in a product-based MNC then Tutort Academy will really help you in the journey.”

Walmart 

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Success Story Video



STUDENT SPEAK



**GARIMA
GUPTA**
Business Analyst

"Rich Content, Excellent training & a great support team at Tutort Academy. Working professionals will benefit from top-notch amenities such as a one-year pass to attend lectures and career transitional services. The course is trained from a basic to an advanced level. If you miss out on any lecture or want to revise any topic you can refer to recordings anytime. Happy to be a part of Tutort Academy."



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**JAYANT
KUMAR**
Senior Data Engineer

"I always wanted to improve my programming skills. And I can say that Tutort Academy is the best place to learn Advanced DSA and System Design. Mentors are from Big Tech Firms such as Google, Microsoft, Adobe, & Amazon. The syllabus and assignments are a perfect fit for programmers. I am lucky I have a mentor from FAANG."



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**NIKESH
BISEN**
Software Engineer

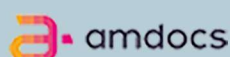
"There were various training platforms that came up when I searched for DSA programs and most of the training platforms are sales-oriented and I did not get proper guidance. When I got in touch with the team at Tutort Academy, I spoke to a professional working in google and he provided me with great insights and that is when I decided to get enrolled. I highly recommend the DSA & System Design programs that are offered at Tutort Academy for the ones who are passionate about coding. To grab a job to get rightly trained and today I am working Microsoft. Glad to be a part of it."



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Read more on [Quora](#)

OUR STUDENTS ALSO WORK AT



Our Advantage :

- Students can directly interact with mentors during the classes due to a small batch size.

PROGRAM SYLLABUS

MODULE 0:
Programming Basics



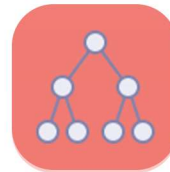
6
HOUR

MODULE 1:
Problem Solving DSA +
Algorithms + Advanced DSA



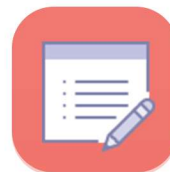
75
HOUR

MODULE 2:
Design Pattern + System
Design + 2 Real-World Case
Studies



65
HOUR

MODULE 3:
CS fundamentals + Resume
Sessions + Mock Interview
Sessions + Job Referrals



15
HOUR

Our Advantage :

- You will get assignments every week and doubt clearing one-on-one sessions.
- Every two weeks you get a call from your mentor to track your progress.
- After successfully completing module 1, students are eligible for -
 - Resume and mock interview sessions by FAANG mentors.
 - LinkedIn profile optimization session
 - Salary / Designation negotiation tips and tricks
 - Guaranteed job referrals in top product-based MNC
- You can start giving interviews after Module 2 and parallelly you can do Module 3.

COURSE CONTENT

1

MODULE 0

Programming Basics | 6 Hour

Operators
Loops
Functions
Pointers
Memory Allocation

Note:

Foundational classes are provided for those who want to brush up on the basics.

2

MODULE 1

Problem solving in DSA | 35 Hour

Complexity Analysis
Array
Linked List
Stack and Queue
Tree
Graph
Heap and Priority Queue
Hashing and Map
Recursion

3

Algorithms | 25 Hour

Searching Algorithms
Sorting Algorithms
Back Tracking
Greedy Algorithm
Dynamic Programming
Divide and Conquer Algorithms

COURSE CONTENT

4

Advance DSA Topics | 15 Hour

LRU Cache
Trie
Suffix Tree
String Matching Algorithms
Ternary Search Tree

Note: Solve real-world problems asked in Google, Microsoft, Amazon, Adobe, etc companies. Will Solve 300+ quality-wise problems.

5

MODULE 2 Design Pattern | 25 Hour

Creational pattern
Structural pattern
Anti-patterns
Behavioural pattern
Refactoring

6

System Design | 35 Hour

Design Concepts
Data Persistence
Networks
Communications
Cap Theorem
Infrastructure
Behavioural UML Diagram
Structural UML Diagrams
High Level Design
Low Level Design

COURSE CONTENT

7 Real World Problems System Design

Designing a URL Shortening service like Tiny URL
Design a scalable e-commerce website (Amazon, Flipkart)
Design Messaging Service (Whatsapp/Facebook Messenger/Telegram)
Designing Youtube or Netflix
Google Search
Uber Design

Note: You need to work 2 case studies in system design .

8 MODULE 3 Computer Science Fundamentals | 12 Hour

Operating System
DataBases
Computer Networks

Note: After module 2 we have resume mock interview session LinkedIn profile optimization and role and salary negotiation sessions and tips and tricks we have from FAANG mentors.

Our Advantage :

- ▶ The course content is designed by 30+ industry professionals from top-tier MNCs like Google, Amazon, Microsoft, Adobe, Paypal, Zoom, Walmart, Freshworks, etc.

ABOUT MENTORS



Microsoft | **NISHANT GUPTA**

- ★ Currently working in Microsoft.
- ★ Has knowledge and teaching experience in DSA and System Design, and some other topics like Design, Problem Solving, Java, SQL, and MongoDB.
- ★ His students are well placed in top-tier companies and product-based MNCs like Microsoft, Jpmc, Walmart, Zoom, etc



Google | **GAURAV AGRAWAL**

- ★ Currently working in Google.
- ★ Has teaching experience in DSA and System Design, and has good knowledge of Algorithms, Programming, Big Data and Web Applications, etc



Microsoft | **SUNNY**

- ★ Currently working in Microsoft.
- ★ Has knowledge and teaching experience in Data Structures and Algorithms. Specializes in solving complex problems and algorithms.
- ★ His students are well placed in companies like Amazon, Amdocs, and Cisco.



Adobe | **SRIKANT**

- ★ Currently working in Adobe.
- ★ Has a good experience in DSA, System Design, Design Patterns, Databases, and Public Speaking.



amazon | **ABHISHEK**

- ★ Currently working in Amazon.
- ★ Has expertise in problem solving, designing, and critical thinking
- ★ Is passionate about Game Development, Competitive Programming, and Algorithms.

Our Advantage :

- Our mentor has industry-relevant experience from companies like Google, Amazon, Adobe, Microsoft, Paytm, Paypal, etc .

ADMISSION DETAILS

1

REQUIREMENTS

- ✓ Working professionals who have 2+ years of experience (Technical)
- ✓ The basics of programming such as if/else statements, loops & methods in some programming languages.



DURATION
7 months



PROGRAM FEE
₹ 49,999/- (Excl. all taxes)

2

FLEXIBLE-PAY OPTION AVAILABLE:

- ✓ Candidates can make the payment through Credit Card or Debit Card or Net Banking
- ✓ No Cost EMI options are also available
- ✓ FINANCIAL AID: Interest-free loan available on debit cards.

3

SELECTION PROCESS:



Our Advantage :

- No salesperson involved, directly talk with mentors during the whole admission process.

Start Your Journey With Us
NOW.



Apply Now



WhatsApp

FOR FURTHER INFORMATION (CLICK)



www.tutort.net



contact@tutort.net