

INFORMATICS PRATIBHA LABS

Your Pathway to IITs & BEYOND

From Algorithms to Achievements.
From India to the World.

ONE CHALLENGE
INFINITE POSSIBILITIES

LOGIC
FOCUS
IMPACT



INTERNATIONAL
OLYMPIAD IN
INFORMATICS

THINK | CODE | EXCEL



HIGHER ORDER THINKING

Master advance Problem-solving



WORLD-CLASS EXPOSURE

Compete with best minds in the world



GLOBAL PLATFORM

Represent India & connect worldwide



IITs & BEYOND

Get Admission in IITs & Top Universities



BUILD
LOGICAL
THINKING



SOLVE
COMPLEX
PROBLEMS



WIN
RECOGNITION



ACHIEVE
GLOBAL
EXPOSURE



SECURE
A BRIGHT FUTURE
AT IITs & BEYOND

START YOUR IOI JOURNEY TODAY

Be among the problem solvers. Be among the future leaders.



KNOW THE INFORMATICS OLYMPIAD (IOI)

BEYOND SCHOOL CODING

WHAT IS IOI



The **International Olympiad in Informatics (IOI)** is world's most prestigious competition for school going students in Computer science.

It tests a student's ability to solve complex problems using algorithms, logic and efficient programming under time constraints.

WHY SHOULD STUDENTS PREPARE?



Develop advance Logical Thinking and problem-solving skills



Gain international exposure and recognition on a global platform



Top institutes (including IITs) admit students based on IOI score



Build strong foundation for future careers in technology, AI & research



PATHWAY TO IOI



STUDENT'S TAKE AWAY FROM IOI PREPARATIONS

The IOI preparation journey empowers students with **strong problem-solving** and **algorithmic thinking skills**, enabling them to tackle complex challenges with confidence. They gain deep understanding of advanced data structures and algorithms, learn to write **efficient and optimized code**, and perform well under pressure in competitive environments.

Beyond coding, the course builds **persistence**, **logical reasoning**, **analytical mindset**, and **a growth mentality**. These skills not only help students excel in Olympiads but also lay a strong foundation for future careers in technology and innovation.



FROM IOI TO THE BOARDROOM

```
contacts: pfich_position: secret_key:
algorithm: a or;
print(onponent: base("positions")
algorithm;
```



IOI
Awardee

Top CS
Universities

Elite Tech
Companies

Global Tech
Leadership

Elite Tech
Companies



IOI AWARDEES

— BECOME —

GLOBAL TECH LEADERS IN FUTURE

IOI isn't just about winning a medal; it has produced architects of our digital civilization.

The skills learned here—Dynamic Programming, Graph Theory, and Computational Logic—are the same skills used by the founders of Ethereum, Quora, and Google DeepMind to change the world. We aren't just teaching code; we are building the architects of tomorrow.

90%+

Alumni in top-tier universities like MIT, Stanford, Harvard, and IITs

1st Tier

Google, Amazon, Meta, etc. have Recruitment Pipelines for IOI participants because of their superior "First Principles" thinking

JOIN WORLD'S MOST ELITE TECHNICAL NETWORK

Visionary

Vitalik Buterin

Canada

Founder Ethereum
2nd Largest Cryptocurrency

Just two years after competing in the IOI, Vitalik co-founded Ethereum. By applying the same complex logic used in Olympiad problems, he created a decentralized platform worth billions, powering the future of global finance and smart contracts.

AI Legend

Quoc Le

Vietnam

Lead scientist
Google DeepMind

A founding member of Google Brain. Mind behind "Sequence-to-Sequence" learning. If you use Google Translate or interact with Gemini today, you are using technology built on the algorithmic foundations Quoc mastered during his Olympiad training.

Academic Titan

Malvika Raj

India

Ph. D
University of California

Her story redefined Indian education. Got into MIT (Massachusetts Institute of Technology) without traditional Class 12 board certificate purely based on her IOI performance. She proved that elite universities value algorithmic thinking over rote memorization.

They are just a few of many-many such examples, like Adam D'Angelo (CTO of Facebook who later founded Quora and is in the board of OpenAI), Dustin Moskovitz (the Co-Founder of Facebook who later founded Asana), Petr Mitrichev (Lead engineer at Google who was the face of TopCoder and Google Code Jam). India also has its share of IOI achievers like Anish Shankar who became a senior researcher and engineer at Microsoft and eventually moved into high-level venture capital and advisory for deep-tech startups.

INFORMATICS PRATIBHA LABS



OUR IOI PREPARATION PROGRAM

From Concepts to Champions

COURSE MODULES



01 FOUNDATIONS

Problem Breakdown, Logical Thinking, Mathematical & Programming Foundation



02 ALGORITHMS

Cover all major algorithms - from Basic (Searching, Sorting) to Advance (DP, Greedy)



03 DATA STRUCTURES

Cover all major DS, from Array, Linked List to Graphs and Heaps.



04 ADVANCE PROBLEM-SOLVING

Optimizing Techniques, and other concepts like Big-O analysis.



05 CONTEST STRATEGY

Time Management, Heuristics, Mock Exams and Analysis, Performance monitoring

Why choose Us?



Olympiad-Focused Curriculum

Designed by Experts, aligned with international standards.



Daily Problem-Solving

Regular Practice with curated problems to build strong concepts.



Mock Contests & Leaderboard

Real exam experience with ranking and performance analysis.



Expert Mentorship

Learn from experienced trainers and expert IOI mentors.



Personalized Feedback

Detailed solution discussions and individual performance tracking.

Know your Chief mentor



Kamal Rawat

CEO, Ritambhara Systems

- ✓ 20+ years of technical experience
- ✓ Ex. Microsoft, Ex. Adobe
- ✓ Authored 6 books
- ✓ Trained more than 10,000 students and professionals personally.
- ✓ Academic advisor to multiple Universities.

PROGRAM DETAILS



DURATION

12 months



CLASSES

3 days/week



MODE

ONLINE / OFFLINE



BATCH SIZE

< 20 students



ELIGIBILITY

Class 8+

STRONG FOUNDATION TODAY - GLOBAL IMPACT TOMORROW!




IN-SCHOOL
TRAINING PROGRAM

RITAMBHARA TECHNOLOGIES

RESULTS THAT SPEAK




8000+
Students
Trained


100%
Placed
Worldwide


200+
in MAANG
Companies


10+
Yrs of Excellence
in Training





EMPOWERING GLOBAL
TECH TALENT SINCE 2016

WHAT WE DO?

 **Competitive Coding**

 **System Design**

 **GATE Exam Preparation**

 **IOI Preparation**

Ritambhara's curriculum demystifies complex computational concepts, transforming career trajectories and enabling engineers with over a decade of experience to successfully pivot into elite leadership and principal-level roles.

OFFERINGS HIGH-QUALITY TRAININGS AT EVERY LEVEL



K12

ioi



College

- ✓ icpc
- ✓ GATE Exam
- ✓ Placement Preparations



Corporate


- ✓ Coding Interview
- ✓ System Design
- ✓ Agentic AI

BE OUR PARTNER

meaningful education - GUARANTEED!

**START YOUR SCHOOL'S
IOI JOURNEY TODAY!**

Empower your students to compete with the best minds in the world.

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