

Estd. 2004

No. 1 in Eastern U.P.

Vikas Agrawal & Arvind Tripathi's



MOMENTUM

बेतियाहाता चौक

Also at मेडिकल रोड खजांची चौक

(A division of Momentum Education Pvt. Ltd.)

PRE-FOUNDATION DIVISION

**Allow
our
Commitment
to
Change
Your
Destiny**



Gorakhpur
District Topper
ICSE Board
2024

Topper
CBSE Board
2025



KRISHNA GUPTA
99.40%



YASHITA RAI
98.40%

PROGRAM BROCHURE

For Students Presently in Class VII, VIII, IX

(Going to Class VIII, IX, X in 2026)

Boards | NTSE | NSEJS | PRMO | Olympiads

MOMENTUM HISTORY

Our **Success Story** in Engineering Entrance Exam JEE (Main & Advanced)
& Medical Entrance Exam NEET (UG)

2004

Momentum started by two IITians at Betiahata Chowk, Gorakhpur

2005

8 students selected in IIT-JEE in very first year. AIEEE – 25 selections, UPTU – 21 selections, 8th rank of Alpika Shukla in UPCPMT

2006

IIT-JEE – 14 selections, AIEEE – 88 selections, UPTU – 61 selections (within 5000 rank)

2007

IIT-JEE – 33 selections, AIEEE – 131 selections, UPTU – 89 selections (within 5000 rank)

2008

IIT-JEE – 38 selections, AIEEE – 143 selections, UPTU – 127 selections (within 5000 rank), IIT-JEE AIR – 97 and AIEEE AIR-68 achieved by Utkarsh Lath.

2009

IIT-JEE – 132 selections, AIEEE – 201 selections, UPTU – 228 selections (within 5000 rank)

2010

IIT-JEE – 46 selections, AIEEE – 285 selections, UPTU – 320 selections (within 5000 rank).

2011

IIT-JEE – 53 selections, AIEEE – 328 selections, UPTU – 364 Selections (within 5000 rank)

2012

IIT-JEE – 67 selections, AIEEE – 346 selections, UPTU – 90% of admitted students selected

2013

JEE Main – 382 selections, JEE Advanced – 83 selections, UPTU – 91.3% of admitted students selected

2014

JEE Main – 412 selections, JEE Advanced – 87 selections, UPTU – 92.5% of admitted students selected

2015

JEE Main – 415 selections, JEE Advanced – 67+ selections, UPTU – 94% of admitted students selected

2016

JEE Main – 423+ selections, JEE Advanced – 78+ selections, UPTU – 95% of admitted students selected

2017

JEE Main – 439+ selections, JEE Advanced – 91+ selections, UPTU – 96.2% of admitted students selected

2018

JEE Main – 452 selections, JEE Advanced – 88 selections, UPTU – 96% of admitted students selected

2019

JEE Main – 510 selections, JEE Advanced – 73 selections, UPTU – 96.3% of admitted students selected

2020

JEE Main – 567 selections, JEE Advanced – 58 selections, UPTU – 97% of admitted students selected

2021

JEE Main – 591 selections, JEE Advanced – 61

2022

JEE Main – 610 selections, JEE Advanced – 68

2023

JEE Main – 623 selections, JEE Advanced – 68 & NEET (UG) – 10+ selections

2024

JEE Main – 628 selections, JEE Advanced – 51 & NEET (UG) – 15 selections

2025

JEE Main – 634 selections, JEE Advanced – 58 & NEET (UG) – 18 selections



WHEN IT COMES TO YOUR CAREER,

YOU CANNOT AFFORD TO TAKE CHANCES

CHOOSE THE BEST
MOMENTUM



WELCOME TO MOMENTUM



Momentum a Phenomenon ...

“Turning Challenges into Opportunities”

Competition is everywhere and it is becoming tougher with each passing day. Many a time, the dreams of students who wish to become a doctor or an engineer remain a dream because of the lack of proper guidance. If they are mentored in the right way for the competitive exams, success could be theirs.

With the view of helping realise the dreams of thousands of students, Momentum was founded in 2004. Started as a humble coaching institute with barely 100 students, a simple vision and support from a few well-wishers, Momentum Institute has today become a true phenomenon. A phenomenon that is one of its kind and has become mightier with each passing year.

Momentum is a leader when it comes to coaching students for medical and engineering entrance exams. In the business of making others believe they can and we help them overcome all the hurdles to prove the fact that when they believe they can, they actually can. We at Momentum have motivated and guided thousands of aspirants, who are serving the nation as eminent Doctors & Engineers.

Momentum has three distinct divisions viz. Momentum Institute for Pre-foundation (for classes VII, VIII, IX & X). Momentum IIT-JEE for Engineering & Medical and Momentum Boards for Class X and Class XII that build foundation for various entrance exams such as National Talent Search Examination (NTSE) and Olympiads etc. and cater to the needs of various sets of students and their aspirations.

MOMENTUM

at a Glance

22
YEARS

Excellence in Education

Providing Quality Education to Students from Class 8th to 12th & 12th Passed

VARIOUS COURSES TO CHOOSE FROM

NO. 1 INSTITUTE OF EASTERN U.P.

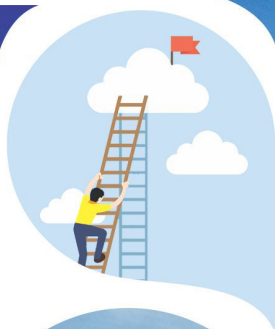
THOUSANDS OF MOMENTUMITES QUALIFY IN
COMPETITIVE EXAMS EVERY YEAR

LARGE ALUMNI NETWORK

HIGHLY TRAINED AND QUALIFIED TEACHERS

SINCERE & HARD WORKING EMPLOYEES

CONTENTS



Director's Message	05
Dear students (& parent) congratulations	06
Momentum Pre-foundations	07
Popular Olympiads in India	15
Gateway to Global Recognition	18
NTSE (National Talent Search Examination)	20
Why Integrated Classroom Course for Olympiads, NTSE & Class X is Important?	23
Dear Concerned Parents	24



Er. Arvind Tripathi
(Director & HOD, Chemistry)
B.Tech. IIT-Varanasi (BHU)

Director's Message



Er. Vikas Agrawal
(Director & HOD, Physics)
B.Tech. IIT-Varanasi (BHU)

Momentum created in 2004 by the vision and toll of Er. Arvind Tripathi, a Chemical Engineering Graduate from IIT-Varanasi (BHU) and Er. Vikas Agrawal, an Engineering Graduate from IIT-Varanasi (BHU). We had a very humble beginning as a Premier Institute for IIT-JEE with a vision to provide an ideal launch pad for serious JEE aspirants. Along the way to the realisation of the vision, we went beyond merely coaching for IIT-JEE. We actually started to make a difference in the way Students think and approach problems. We started to develop way to enhance Students IQ. We started to leave an indelible mark on the Students who have undergone Momentum training. We started changing lives. And all of this was not a sheer coincidence. It was the urge, the compelling desire, to always aspire for perfection and in the process, continuously keep on setting newer benchmarks of excellence which enabled us and our Students to achieve what we have achieved. Today, aiming for the unachievable and continuously raising the bar has become a part of the MOMENTUM. The success of our Students was inspiring and so was their faith in Momentum. Our Medical (NEET-UG) division is also parallelly preparing students aspiring to become doctors and we deliver same quality education and results in NEET-UG division also.

“ This Journey from just an IIT-JEE Coaching Institute to the most powerful brand in Eastern U.P. for serious education has been exhilarating. However, the Journey is not over yet. We are here with our Medical division (NEET-UG).

For us, at Momentum. The Journey will never be over.

For us, this Journey itself is the destination. ”

Er. Arvind Tripathi and Er. Vikas Agrawal
(Founder Director) (Founder Director)

Dear students & parent

congratulations

as with this booklet in your hand,
you are just heading in the
right direction towards joining the
most Ethical, Disciplined
and Committed Institution of Gorakhpur.

**Why all sincere Students consider
MOMENTUM to be the only choice for their
complete academic transformation?**

MOMENTUM PRE-FOUNDATIONS

Classroom Courses for Class VIII/IX/X/NTSE/Olympiads 2026-2028

i know no limits ...
i see no boundary in my thinking ...
i believe ... and therefore ...

i can

LEARNING TO TAKE CHALLENGES EARLY

Since its inception in 2011 Momentum Pre-Foundations has been nurturing the students of junior classes namely VII, VIII, IX and X. It trains students for the sure shot ways of getting success in NTSE, Olympiads, JSTSE & NMMS etc. apart from School Exams. It also prepares students by giving them a good foundation for Medical, Engineering & other Competitive Exams such as KVPY, NSEs etc. well in advance. It helps a great deal in spotting the talent early, thus giving a headstart in the dynamics of careers and competitions.

Students of Momentum have given exciting results in this short period and it is getting better with each passing year. The students are provided with highly competitive & motivating environment that helps them perform very well. Momentum is the right place, where we nurture the students to bring out the best in them by providing various success tips.

“What we get by an achievement is not as important as what we become by the achievement.”

PRE-FOUNDATION DIVISION COURSES OFFERED

For Students Presently in Class 7, 8 & 9

(going to Class 8, 9 & 10 in 2026)



FUTURE

Building Strong Foundation
for a Proud Future

For Class 8, 9, 10 Students

(Students Studying in class VI, VII, VIII, IX and moving to class VI, VII, VIII, IX & X)

Admission Process : Direct admission on the basis of marks/grades obtained in the previous class or through Admission cum Scholarship Test (ACST)

Two Year Integrated Classroom Course for NSEJS | IOQM | Olympiads | Class IX & X

Starting From : Last week of March / First week of April, 2026

Class Schedule : Monday to Saturday 2 days, 2 lectures per day; Sunday 4 lectures, 7:30 – 1:30

Course Description

- Science & Maths Syllabus of Class VIII, IX & X will be taught thoroughly
- Regular class tests will be conducted on School/Board as well as Olympiad pattern
- The result of each test shall be displayed on centre notice board and sent to the parents through SMS
- Thorough Preparation for School/Board Exams
- The Classes shall continue till Jan., 2027 and then the students will be free for their final examination
- The students shall rejoin in the Last week of March / First week of April, 2027 to continue the syllabus of next class.

Course Highlights

- Entire syllabus of Class IX & X will be revised along with doubt clearance
- Social Science, Mental Ability & English will also be taught
- Special Classes for **NSEJS | IOQM | Olympiads** preparation
- Relevant study material will be provided in Science, Maths, Social Science, Mental Ability & English

Tests During Course

- Fortnightly Subjective Tests & Objective Tests
- Olympiad Pattern Tests
- NSEJS, IOQM Pattern Tests
- Complete Syllabus Tests
- Term Tests

Additional Benefits

1. Special Classes and Test Series are conducted to prepare the students for Olympiads/ Scholarship Exams.
2. CRP - special assignments will be given to practice the questions of Text book thoroughly.

Classroom Program

for Students Going to Class 8 in 2026

MUON

One Year
Classroom Program

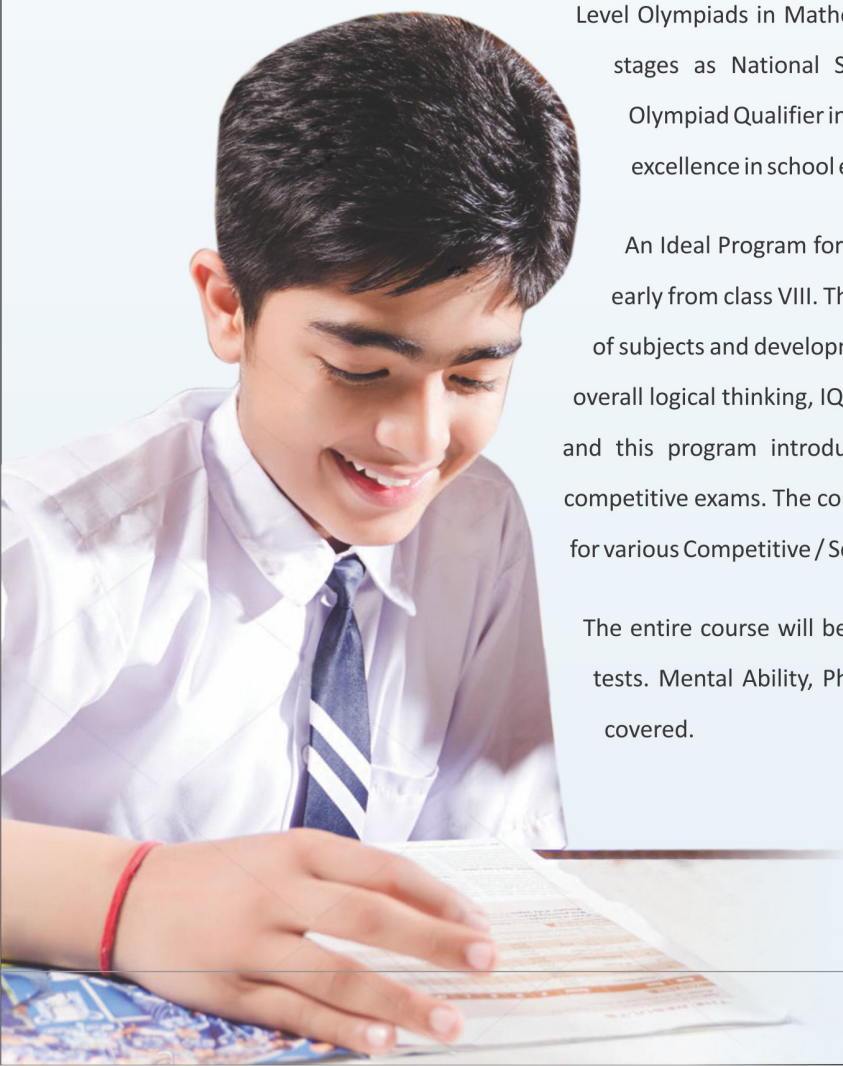
www.momentumcoaching.in

This Program focuses on enhancing the Logical Thinking, IQ, Mental Ability, Science, and Mathematics of the Students at a level required for National Level scholastic exams for Class X. This program will simultaneously build strong foundation for International

Level Olympiads in Mathematics and Junior Sciences (National and Regional Level) stages as National Standard Examination in Junior Science (NSEJS), Indian Olympiad Qualifier in Mathematics (IOQM) & Green Olympiads & will also ensure excellence in school exams.

An Ideal Program for Students who wish to begin scaling the heights of success early from class VIII. This program helps the Students in imbibing the fundamental of subjects and development of personality. The program is specifically designed for overall logical thinking, IQ and scientific aptitude which will be useful throughout life and this program introduces the basic academic structure required to excel in competitive exams. The course will lay a Strong Foundation & Preliminary Preparation for various Competitive / Scholastic Exams like IOQM, Junior Science Olympiad.

The entire course will be covered in 4 Phases including Classroom interaction and tests. Mental Ability, Physics, Chemistry, Biology & Mathematics subjects will be covered.



Integrated School Programs

for Students Going to Class 9 in 2026

Transformational Program

PHOTON & QUANTUM

2 YEAR
Integrated School Program

for JEE (Main & Advanced)/NEET-UG 2030

www.momentumcoaching.in

The Long Term Goal of this Program is to help each & every Student get a Top Rank in JEE/NEET moreover equal emphasis is also given on achieving excellent performance in Boards as well as Combined Engineering Entrance Exams. As NSEJS & IOQM are major milestones in Class X. Students are meticulously prepared for delivering a remarkable performance in these Exams. Students will be simultaneously prepared for all the aforesaid exams within the School Schedule only. These Four years of intensive IIT-JEE | NEET(UG) training within the school framework works like an ambrosia for IIT-JEE.

This Program is a dream of Momentum to bring renaissance in our Education System at Gorakhpur and we try to move towards an Ideal School Education. Thousands of hrs. of classroom teaching coupled with constant input from Momentum Team brings out the best in you. Dedicated academic operations team provides feedback at any point of time apart from scheduled Parent - Teachers meetings.

Momentum prepares you for JEE (Main & Advanced) | NEET (UG) in a Pattern Proof Mode. This means that you are prepared to give your best and optimum performance even if the pattern of the exam is change at the last minute. We are the only institute whose Students do well not only in JEE (Main & Advanced) | NEET (UG) but also in X and XII Boards & other Engineering and Medical Entrance Exams.

We encourage Students / Parents to choose an Integrated Program over after-the-school regular program to prepare for IIT-JEE | NEET (UG) without additional stress.

- A Single exhaustive comprehensive study material : additional problems will be supplemented wherever necessary. Students should not require any additional books etc.
- Work Books for Home Assignment.
- Class Revision Problems (CRP)
- Mock Board Test Papers.
- NSEJS & IOQM Mock Test Papers.
- Regular feedback & Test Analysis Sessions.
- Computer Based Test (CBT).
- Rank Improvement Program (RIP)

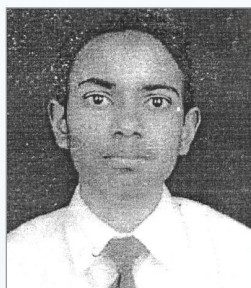
Momentum Students who were part of Integrated School Program



Amrit Saran Yadav
Roll No. - 335



Shailya Agarwal
Roll No. - 336



Ashutosh Kumar Singh
Roll No. - 362



Aditya Gupta
Batch - Quantum



Siddhant Mishra
Last Two Year



Harshit Mani Tripathi
Batch - Quantum



Utkarsh Madhesiya
Batch - Quantum



Asif Khan
5 Year Classroom Program



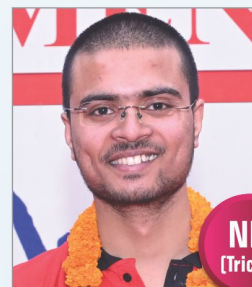
Prabhat Singh
4 Year Classroom Program



Akash Bhardwaj
AIR - 247



Prabhakar Singh
AIR - 347



Ambarish Singh
5 Year Classroom Program



Few Success Stories of our School Integrated Program



Akash Bhardwaj

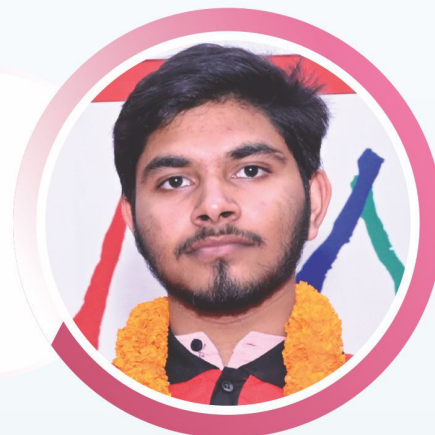


College Name : • IIT Kanpur • IIM Dhanbad

Prabhat Singh



College Name : • IIT Delhi



Asif Khan

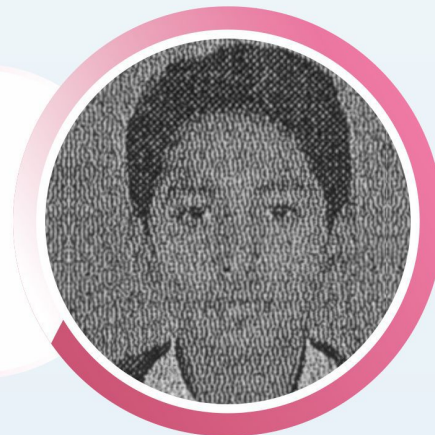


College Name : • IIT Kanpur

Utkarsh Madhesiya



College Name : • IIT BHU



and many more ...

Class 10th Board Result of our Pre-foundation students 2024

ICSE BOARD

Gorakhpur
District Topper
ICSE Board
2024



Krishna Gupta

99.40%



Saurabh Awasthi

97.20%



Aditya Yadav

96%



Dhawal Chaudhary

96%



Shubh Tripathi

96%

CBSE BOARD



Shanvee Ranjan Singh

95.33%



Amarnath Pandey

89.33%



Raj Aaryan

89%



Priyanshu Baranwal

88.16%



Class 10th Board Result of our Pre-foundation students 2025



Yashita Rai

98.4%



Abhinav Mishra

97.8%



Manshvi Srivastava

97.4%



Shaurya Pratap Singh

97.4%



Tejas Rai

97.4%



Snehraj Patel

97.2%



Saksham Shahi

96.4%



Kartik Kishor Sriva

96.2%



Aryan Singh

95.8%



Reet

95.6%



Annika Priya

95.4%



Ayush Kumar Pandey

95.4%



Mahi Jalan

95.4%



Shubh Agrawal

95.4%



Anand Singh

95%



Ashwati Singh

94.6%



Prath Chauhan

94.5%



Srishti Anand

94.4%



Yuraj Singh

94.4%



Arpit Jaiswal

94%



Shubhkeerti Singh

94%



Yuvraj Pandey

94%



Jheel Srivastava

93.4%



Class-10th Board Toppers



Aarav Tripathi

93%



Parnika Pandey

93%



Reeshika Singh

93%



Agrima Singh

92.6%



Ritushi Dubey

92.4%



Anshika Singh

92.2%



Abhishek Singh

92%



Ojas Agrahari

92%



Ananya Gupta

91.4%



Abhigya Singh

91.2%



Sandeep Singh

91%



Akshay Tiwari

90%



Divya Darshani

90%



Priyanshu Mishra

90%



Sankalp Kr. Singh

90%



Sanvi Srivatava

90%



Suraj Pandey

90%



Anant Raj

89.6%



Akhil Kr. Pathak

88%



Ananya Jaiswal

87.6%



Mandavi Singh

86.4%



Suryansh Srivatava

86%



Navya Yadav

85%



Suryansh Singh

85%



with Momentum Teachers

IIT-JEE (ADVANCED) RESULT 2025



CITY TOPPER

All India Rank GEN

780

Raj Gaurav Singh

Foundation Batch (Two Year Program)

58⁺ Selections
in **ADVANCED 2025**

I Raj Gaurav Singh, joined Momentum in 2023. I started my preparation in 2023. I was not sure about my selection initially but as the preparation proceeded, my chances increased significantly. I secured AIR 357 in JEE MAINS with a percentile of 99.979. And AIR 780 in JEE ADVANCED. I would like to thank, Vikas Sir and Arvind Sir and all the faculty members. Thankyou

JEE MAINS → AIR 357
JEE ADVANCED → AIR 780
Raj Gaurav Singh

All India Rank
1228
General Rank



RUCHIR DWIVEDI
Foundation Batch (Two Year Program)

All India Rank
1469
General Rank



SAHARSH GOENKA
Foundation Batch (Two Year Program)

All India Rank
1532
General Rank



AMRITANSH SINGH
Foundation Batch (Two Year Program)



Nitish Jaiswal
AIR-1003 (BC)



Ishaan Verma
AIR-1059 (BC)



Nandineesh Tripathi
AIR-1101 (GEN)*



Aishwarya Ojha
AIR-4239 (Gen)



Veer Pratap Singh
AIR-5585 (Gen)



Shreyansh Pratap Singh
AIR-6540 (Gen)



Anjali Bajaj
AIR-6645 (GEN)



Shivam Kumar
AIR-2925 (BC)



Harsh Kumar Rai
AIR-3500 (GEN)*



Sachin Kumar
AIR-4817 (BC)



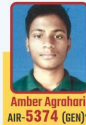
Shrevarn Kr. Jaiswal
AIR-4841 (BC)



Harsh Srivastava
AIR-5074 (GEN)*



Adarsh Upadhyay
AIR-5084 (GEN)*



Amber Agrahari
AIR-5374 (GEN)*



Nitin Kumar
AIR-6119 (BC)



Anuj Jaiswal
AIR-7964 (BC)



Milind Sharma
AIR-7986 (BC)



Mohd. Danish Ansari
AIR-8741 (BC)



Pushendra Pratap
AIR-540 (SC)



Mayank Kr. Gaud
AIR-627 (ST)



Amit Kumar
AIR-2339 (SC)



Ayush Paswan
AIR-2772 (SC)



Krishna Jaiswal
AIR-10397 (BC)



Aryan Kumar
AIR-11650 (BC)



Swastik Abhi Singh
AIR-12332 (GEN)



Anika Yasus Ansari
AIR-12393 (BC)



Akshat Singh
AIR-13354 (GEN)



Anany Singh
AIR-16677 (GEN)



Vishnu Tripathi
AIR-18035 (GEN)



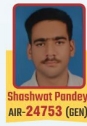
Aakash Pandey
AIR-19742 (GEN)



Prakhar Agrawal
AIR-20166 (GEN)



Anurag Mishra
AIR-22584 (GEN)



Himanshu Dwivedi
AIR-23452 (GEN)



NEET (UG) RESULT 2025



(GEN-EWS)
574

All India Rank

Priya Mishra

Foundation Batch (Two Year Program)

18⁺ Selections
in NEET (UG) 2025

I Priya Mishra, joined momentum 2 years ago, with the help of my parents and teachers. My teachers always guide me on every step. I am very thankful. I was able to score a rank of 574 in NEET UG 2025. In momentum, I find best teacher of my life. They always guide me and support me in every ups and down.

— Priya Mishra



SURAJ KUMAR

Rank-**2342** (BC)



PRANJAL PANDEY

Rank-**3155** (EWS)



ATHARV DUBEY

Rank-**4195** (EWS)



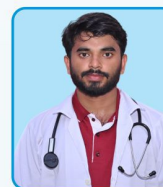
KAIF KHAN

Rank-**6098** (EWS)



SAKSHI SINGH

Rank-**6712** (BC)



DEERAJ MISHRA

Rank-**9719** (EWS)



SANCHITA

Rank-**16844** (GEN*)

and many more...





Popular Olympiads in India

The Homi Bhabha Centre for Science Education (HBCSE) is the nodal centre of the country for Olympiad programmes in Mathematics, Sciences and Astronomy. The programmes aim at promoting excellence in science and mathematics among pre-university students.

The programme is financially supported by Government of India, in particular, by Board of Nuclear Sciences (Department of Atomic Energy), Department of Science and Technology, Department of Space and Ministry of Human Resource Development.

Mathematical Olympiad Program in India

The Mathematical Olympiad Programme in India, which leads to participation of Indian students in the International Mathematical Olympiad (IMO), is organized by the Homi Bhabha Centre for Science Education (HBCSE) in collaboration with the National Board for Higher Mathematics (NBHM) of the Department of Atomic Energy (DAE), Government of India only. The 1st stage is conducted by Indian Association of Physics Teachers (IAPT).

The Mathematical Olympiad programme consists of Six stages, are as follows :

Stage 1 : Pre-Regional Mathematical Olympiad (PRMO)

Stage 2 : Regional Mathematical Olympiad (RMO)

Stage 3 : Indian National Mathematical Olympiad (INMO)

Stage 4 : International Mathematical Olympiad Training Camp (IMOTC)

Stage 5 : Pre-departure Training Camp for IMO

Stage 6 : International Mathematical Olympiad (IMO)

For Details on Mathematical Olympiad, visit HBCSE website: <http://olympiads.hbcse.tifr.res.in/>

Science and Astronomy Olympiad Programs in India

HBCSE, which is the nodal agency for the Science Olympiad Program in the country, conducts the program in close collaboration with Indian Association of Physics Teachers (IAPT), Association of Chemistry Teachers (ACT), and the Association of Teachers in Biological Sciences (ATBS). The first stage of the Olympiad examinations is conducted by IAPT, while the later stages are the responsibility of HBCSE.

The Science Olympiad program also follows 5 stages :

Stage 1 : National Standard Examinations (NSE)*

This stage is conducted by IAPT and organized in the Subjects of Physics (NSEP); Chemistry (NSEC); Biology (NSEB); Astronomy (NSEA); Junior Science (NSEJS).

Details of Enrollment Process, Syllabus, Exam Details, Examination Fees and other details are available on the IAPT Website: <http://iapt.org.in/>

Stage 2 : Indian National Olympiad (INO)

This Stage is conducted by The Homi Bhabha Centre for Science Education (HBCSE) and Organized in the Subjects of Astronomy, Biology, Chemistry, Physics (INAO, INBO, INChO, INPO).

Stage 3 : Orientation cum Selection Camps (OCSC)

Selection based on performance in INOs for a particular subject.

Stage 4 : Training of Indian Teams for International Olympiads at HBCSE

Selected teams undergo a rigorous training program at HBCSE in theory and experiments.

Stage 5 : Participation in International Olympiad (IO)

The selected students from each subject are teamed together with 2-3 Teacher Leaders to accompany them for the International Olympiads.

Other Olympiads

Other recognized International Olympiads than are not directly organized by HBCSE are

- 1. Asian Physics Olympiad (APhO) :** Participation is organized by IAPT.
- 2. International Astronomy Olympiad - Junior (IAO - Junior) :** Participation is organized by the National Council of Science Museums (NCSM).
- 3. International Earth Science Olympiad (IESO) :** Participation is organized by the Geological Society of India and one may consult their website for more information (www.geosocindia.org).
- 4. International Olympiad in Informatics (IOI) :** Participation is organized by the Indian Association for Research in Computing Science and one may consult their website for more information (www.iarcs.org.in/inoi).
- 5. National Mathematics Talent Contests (NMTTC) :** Organized by Association of Mathematics Teachers.
- 6. European Girls Mathematical Olympiad (EGMO) :** This is an international Mathematics competition.

Programs	Age	Class Studying (in addition to Age)
*NSE (P/C/B/A)	Not older than 19 years as on 1st July of appearing year	Class XII or Lower as on Nov. 30 of appearing year
*NSEJS	Not older than 15 years as on 1st January of appearing year	Only from Class X or Class IX as on Nov. 30 of appearing year



Gateway to Global Recognition

Olympiads are definitely a gateway to global recognition that provided a unique competitive platform to young geniuses. They help students analyse their weak and strong attributes and bring out the best in students. Olympiads are highly challenging in nature which improves student's aptitude and builds their confidence. They motivate students to aspire and strive for better result. In addition, they cultivate analytical thinking, improves conceptual understanding and enhances problem solving skills.

Each Olympiad is a separate exam with its own organizing body and a common set of rules and regulations. Olympiad exams thus serve as a platform to challenge the brightest minds in mathematics and science across the world.

Mathematics Olympiad Program

The Mathematical Olympiad Program in India consists of six stages, viz., Stage-I to Stage-6. (Refer: page of Popular Olympiads in India). Some of the Mathematical Olympiad Programs held across the world are :

1. Asian Pacific Mathematics Olympiad (APMO)
2. European Girls' Mathematical Olympiad (EGMO)
3. National Mathematics Talent Contests (NMTCS)
4. International Mathematical Olympiad (IMO)

Science and Astronomy Olympiad Programs

The Science and Astronomy Olympiad Programs in India also follow five stages, i.e., Stage-I to Stage-V. (Refer: page of Popular Olympiads in India). There are twelve Science Olympiads held across the world :

1. The International Mathematical Olympiad (IMO)
2. The International Physics Olympiad (IPhO)
3. The International Chemistry Olympiad (IChO)
4. The International Olympiad in Informatics (IOI)
5. The International Biology Olympiad (IBO)



6. The International Philosophy Olympiad (IPO)
7. The International Astronomy Olympiad (IAO)
8. The International Geography Olympiad (IGeO)
9. The International Linguistics Olympiad (IOL)
10. The International Junior Science Olympiad (IJSO)
11. The International Olympiad on Astronomy and Astrophysics (IOAA)
12. The International Earth Science Olympiad (IESO)

CBSE-TERI GREEN Olympiad

The GREEN Olympiad is an annual written examination on environment conducted by The Energy and Resource Institute (TERI). This examination attracts participation from school students across India and abroad.

Computing & Informatics Olympiad

It is conducted by IARCS. The main objective of the Indian Computing Olympiad competition is to identify Indian school students with outstanding skills in programming and algorithm.

World Robotics Olympiad

This is the top and largest robotic competitions in the world for 9 to 25 year old students who are studying in the field of science & technology.

Finance Olympiad

National Finance Olympiad (NFO) is organized by International Institute of Financial Market and sponsored by Economic Times. The Olympiad aims to make young students familiar with money management art.

Popular Olympiads / Scholarship Examinations at a Glance

Name of Exams	Eligibility Criteria Notification	Month of	Date of Exam	Date of Result
IMO International Mathematics Olympiad Organizing Body : SOF World http://www.sofworld.org/imo	For Classes 1st to 12th	July-Aug.	Level-I: Dec Level-II: Feb	Within 8 weeks of the Exam
NSO National Science Olympiad Organizing Body : SOF World http://www.sofworld.org/nso	For Classes 1st to 12th	July-Aug.	Level-I: Nov Level-II: Feb	Within 8 weeks of the Exam
iOM International Olympiad of Mathematics Organizing Body : Silverzone http://silverzone.org/newweb/index.html	For Classes 1st to 12th	Aug.-Sept.	Level-1: Nov / Dec Level-2: Jan / Feb Level-3: July / Aug	Level-1 : Jan. Level-2 : Mar. Level-3 : Aug.
iOS International Olympiad of Science Organizing Body : Silverzone http://silverzone.org/newweb/index.html	For Classes 1st to 12th	Aug.-Sept.	Level-1: Nov / Dec Level-2: Jan / Feb Level-3: July / Aug	Level-1 : Jan. Level-2 : Mar. Level-3 : Aug.
NSTSE National Level Science Talent Search Examination Organizing Body : Unified Council http://www.unifiedcouncil.com/	For Students studying in Classes : II to X and XI (PCM) & XI (PCB)/ XII (PCM) & XII (PCB) There is no exam for XI, XII PCMB group.	July-Aug.	Jan / Feb	March
JSTSE Junior Science Talent Search Examination Organizing Body : Science Branch, Directorate of Education, Delhi http://www.edudel.nic.in/welcome _folder/ntsejsts/JSTS/JSTSdetails.pdf	For Class 9th appearing students (For students of recognised school of Delhi only)	July-Aug.	January	March

Note : For complete list of exams and detailed information, please visit: <http://www.momentumcoaching.in>

NSEJS National Standard Examination in Junior Science

The **National Standard Examination in Junior Science (NSEJS)** is a national-level science exam in India and the first of five stages for selection to the **International Junior Science Olympiad (IJSO)**.

Key Exam Details (2025 Cycle)

Feature Details	Organizing
dy	Indian Association of Physics Teachers (IAPT)
Tentative Exam Date	November 23, 2025 (Sunday)
Exam Time	2:30 PM to 4:30 PM
Registration Period	Typically starts in August and ends in September
Application Fee	₹300 per student

Eligibility Criteria

- **Academic Level:** Must be enrolled in Class 10 or below.
- **Age Range:** Candidates for the 2025-26 cycle must be born between January 1, 2011, and December 31, 2012.
- **Nationality:** Must be an Indian citizen.
- **Other Restrictions:** A student cannot appear for other National Standard Examinations in the same year as the NSEJS.

Exam Pattern & Marking Scheme

The NSEJS is an **offline** (pen-and-paper) test.

- **Duration:** 2 hours.
- **Total Questions:** 60 Multiple Choice Questions (MCQs).
- **Total Marks:** 216 marks.
- **Question Types:** Includes single-correct questions with negative marking and multiple-correct questions with no negative marking.

Syllabus

The syllabus is based on the CBSE Science and Mathematics curriculum up to Class 10, emphasizing conceptual understanding. Key topics include Physics (e.g., Motion, Light, Electricity), Chemistry (e.g., Matter, Reactions, Periodic Classification), Biology (e.g., Cell Biology, Life Processes), and Mathematics (e.g., Algebra, Geometry).

Selection Process (Stages)

1. **Stage 1 (NSEJS):** Preliminary round.
2. **Stage 2 (INJSO):** Indian National Junior Science Olympiad.
3. **Stage 3 (OCSC):** Orientation-cum-Selection Camp.
4. **Stage 4 (PDT):** Pre-Departure Training.
5. **Stage 5 (IJSO):** International competition.



Who is eligible for NSEJS ?

To be eligible for NSEJS 2025, candidates must meet the following criteria: Class: Studying in Class 10 or below during the current academic year. Age: Born between 1st January 2011 and 31st December 2012. Citizenship: Must be an Indian citizen.

Eligibility Criteria for NSEJS

Eligibility is defined by age, academic level, and nationality. The students who fit into these criteria can only register for the NSEJS exam :

- **Class/Grade:** Candidates must be enrolled in Class 10 or below during the year.
- **Age:** Born between 1st January 2010 and 31st December 2011 (tentative; refer to official IAPT updates for confirmation).
- **Citizenship:** Only Indian citizens are eligible. Overseas Citizens of India (OCI) or Persons of Indian Origin (PIO) are not eligible as per the latest rules.
- **No Prior 10th Pass:** Candidates should not have passed Class 10 board examinations before 1st November 2025.
- **One Stream Only:** Candidates cannot register for other NSE exams (NSEA, NSEB, NSEC, NSEP) in the same session.

The above criteria clear that only the right young students can take part in this junior scientist exam.

NSEJS 2025-26 Syllabus Overview

The NSEJS syllabus is a blend of Physics, Chemistry, Biology, and Mathematics from Classes 8 to 10. It is aligned with the Junior Science Olympiad and IJSO syllabus.

Key Subjects Covered:

- **Physics:** Topics include motion, laws of motion, heat, light, electricity, magnetism, and sound.
- **Chemistry:** Topics include atomic structure, chemical reactions, acids and bases, the periodic table, and environmental chemistry.
- **Biology:** Topics include cell structure, genetics, human body functions, plant life processes, and ecology.
- **Mathematics:** Topics include algebra, geometry, probability, mensuration, statistics, and arithmetic.

Students can also practice with past NSEJS question papers and previous year papers to get a better understanding of the exam pattern and the level of questions.

How to Register for NSEJS

The registration process is simple and can be completed online. Students need to fill in their details, select a centre, and pay the registration fee. To sign up for NSEJS, you need to follow these steps:

1. **Visit the official IAPT registration portal:** The registration form is available online at the IAPT portal. Only online applications are accepted.
2. **Fill in student details such as name, school, date of birth, and class:** Ensure that all details entered are accurate. Incorrect information may lead to disqualification later.
3. **Select your examination centre:** Students must choose their preferred exam city from the available list. Seats are allotted on a first-come, first-served basis.
4. **Upload necessary documents (ID proof, school certificate, etc.):** These documents serve as proof of eligibility. Ensure that scanned copies are clear and valid.
5. **Pay the registration fee online:** Payment can be made through digital methods such as net banking, UPI, or cards. This confirms the application submission.
6. **Registration Fee for NSEJS :** The cost to register for NSEJS is generally ₹ 300. Students need to pay the fee when they fill out the NSEJS registration form.
7. **Download and save the confirmation slip:** Once the payment is successful, candidates must download the confirmation slip. It acts as proof of successful registration.

NSEJS Exam – Conducted by IAPT

NSEJS is the first step for aspiring young scientists. Only the top performers move on to the next stage before reaching IJSO.

- **Indian National Junior Science Olympiad (INJSO):** Qualifiers of NSEJS appear for INJSO. This exam further shortlists candidates for the training camps.
- **Orientation-cum-Selection Camp (OCSC) in Junior Science:** Selected students attend OCSC, where they undergo rigorous training. This camp prepares them for the International Olympiad.
- **International Junior Science Olympiad (IJSO):** Finally, the top students represent India in IJSO. Winning medals here brings global recognition.

Pattern of NSEJS

Understanding the exam structure helps students plan their preparation strategy. The exam pattern highlights duration, type of questions, and marking scheme.

Component	Details
Total Questions	60
Total Marks	216
Exam Duration	120 minutes (2 hours)
Mode of Exam	Offline (OMR , Pen & Paper based)
Type of Questions	Multiple Choice Questions (MCQs)
Sections	(A) 48 single-correct questions : +3 for correct, –1 for incorrect (B) 12 multiple-correct questions : +6 only if all options are correct and no incorrect options are marked
Medium	English and Hindi (selectable during registration)

Subject Wise Marks Distribution :

Subject	No. of Questions	Marks per Question	Total Marks
Physics	20	3 (+3, –1)	60
Chemistry	20	3 (+3, –1)	60
Biology	20	3 (+3, –1)	60
Mathematics	20	3 (+3, –1)	60
Total	80	–	240

NSEJS 2025–26 Preparation Strategy

A proper study strategy can make preparation easier and more effective. Students must balance concept learning, practice, and time management. To perform well in the NSEJS exam, students should follow these strategies:

- **Go through the NSEJS syllabus and the NSE exam syllabus carefully:** A structured study plan begins with understanding the complete syllabus. Prioritising topics ensures better time management.
- **Solve NSEJS previous year papers and NSEJS question papers regularly:** Practising past questions gives insights into exam trends. It also improves speed and accuracy.
- **Strengthen concepts in Physics, Chemistry, Biology, and Mathematics:** Conceptual clarity is more important than rote learning. Focus on application-based problems.
- **Focus on logical reasoning and application-based questions:** The exam tests scientific aptitude rather than memorisation. Developing analytical thinking is essential.
- **Revise NCERT textbooks from Classes 8 to 10 thoroughly :** A majority of the syllabus is based on NCERT content. These books provide strong foundational knowledge.
- **Manage time well during practice tests and mock exams:** Time-bound practice builds confidence for the actual exam. Regular mock tests simulate the real exam environment.

Why Integrated Classroom Course for Olympiads & Class X is Important?

Integrated Classroom Course for Olympiads & Class X

For every student, class X is an important milestone in his/her career. It is a turning point after which students have to opt for specialized streams (i.e. Science, Commerce, Arts etc.). To add to this, according to the new guidelines, for class X students. Therefore, a student must be up and working in his/her competitive gear and should be working hard to realize his/her dreams.

Right Way to Prepare

The 'load' of education should never become a 'burden'. So, a student must develop a systematic preparation plan so that his/her very essence of dream does not start irking him/her. Here, a good coaching institute comes into picture. It helps lay the foundation stone for an exciting career ahead. The classroom program should systematically cover all the necessary topics in detail and in a way that both the concepts involved in the theoretical and the application based part become crystal clear. These concepts should be thoroughly revised and further strengthened with the help of test papers and practice sessions.

Prepare Yourself for Higher Level of Concepts

Class X concepts are just an introduction to the daunting world of competitive exam drudgery. These are just a prelude to the concepts that will be dealt with in depth in classes XI and XII. Thus, a thorough understanding of these fundamentals goes a long way in securing that extra edge in competitive exam preparation.

Level of Competition

With every passing year, the level of competition in Olympiads and other entrance exams is increasing manifolds and often poses a daunting task in front of

aspirants who are meant to compete for limited number of scholarships. With the increasing number of aspirants, a student might feel intimidated and thus require an early edge over others in these exams.

This can be satisfactorily achieved by being regular with one's preparation and by setting the future targets well in advance. Unlike past years, when preparation for competitive exams was considered optimum only in class XII, the changing needs of the time and the increasing cut-throat competition has made it essential for students to start their preparation quite early.

Additionally, students should remember that sometimes unforeseen incidents in future can pose a stumbling block to one's preparation. Thus they should be prepared well in advance and avoid taking risks with last minute preparations.

Also, having an inborn spark is not the only characteristic that distinguishes a bright student. A hardworking student who has a desire to be a part of elite institutions, does not shirk away from putting dedicated efforts and is focused and disciplined in his/her preparation from the start of class X. He/she is also a notable achiever, on the path of success in all his/her endeavours.

Olympiads in Class X

In class X, students can appear for National Olympiads in Science, Mathematics conducted by Homi Bhabha Centre for Science Education (HBCSE) as well as other popular Olympiads/Scholarship Examinations. These examinations are critical in developing fundamentals of students which are sometimes overlooked in school examination testing.

Thus, for appearing in such exams, proper coaching is necessary as excelling in Olympiads can be a notable achievement to put in one's resume.



DEAR CONCERNED PARENTS

Our honest endeavour
is to inform you that these extremely
critical years of your child's life will define
the rest of his/her life. Your guidance,
motivation & support can help
your child study at the best
institution, fit for his/her
potential.

*For academic counselling ask to
our admission executive to meet our academic expert.*

Vikas Agrawal & Arvind Tripathi's



MOMENTUM

📍 **बेतियाहाता चौक**

Also at **मेडिकल रोड** खजांची चौक

📍 Betiahata Chowk, Gorakhpur

📞 6389138701, 02, 03

✉ momentumcoaching2004@gmail.com

🌐 www.momentumcoaching.in