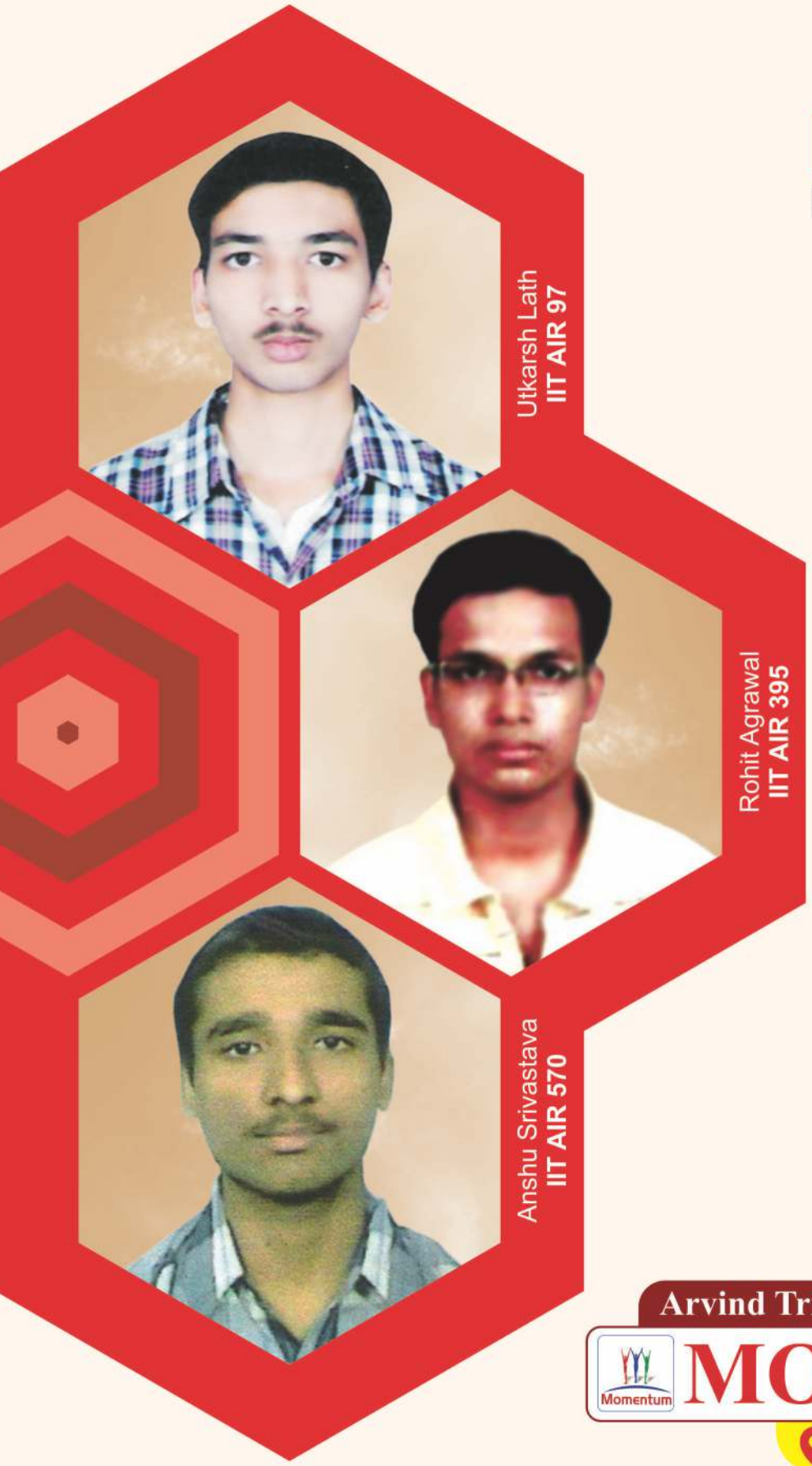
2022-2024

PROSPECTUS
FOR CLASSROOM COURSES



ENGINEERING
JEE & OTHER ENGINEERING ENT. EXAMS
Class XI, XII, XII Passed

BOARDS
UP, CBSE, ICSE, ISC

Arvind Tripathi & Vikas Agrawal's

MOMENTUM

बेतियाहाता

(A division of Momentum Education Pvt. Ltd.)

When Students join Momentum

they are not only prepared for relevant competitive/Scholastic Exam(s) but are also instilled with attributes like

Honesty, Discipline, Perseverance, Determination, Positive Attitude

& above all, with **Confidence**

Which eventually helps them grow into Highly successful individuals & leaders.

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 and Boards for Classes (IX, X, XI, 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

18
YEARS

Excellence in Education

Providing Quality Education to Students from Class 7th to 12th and 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

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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)

A lot has changed at Momentum during its transition from a humble coaching institute in 2004 becoming a frontrunner in the education industry. What still remains unchanged is the set of values, traditions and ethics that constitute the building blocks of Momentum. We live by the notion that the very essence of success is a strong value system. We still adhere to the age-old Indian concept of "Guru-Shishya" relationship where a guru unconditionally shares his knowledge reserve with his pupils and the 'Shishya' strives hard to quench his thirst for knowledge and attains a glorious life. This is the best "Guru Dakshina" that a student can give to his Guru.

For the last 18 years, we have been nurturing students and helping them excel in their endeavour to qualify in the toughest engineering and medical entrance exams in the country. This endeavour is actually a journey which we take along with our students. We feel their emotions, their frustrations, their dreams, their vision, their struggles, their joys; we remain testimonial

to this experience which they would remember as the most cherished achievement in their lives after qualifying the coveted competitive exams. We foster our students till they are ready to expand their wings and take a flight to the life they dream of.

Even today we are busy clearing doubts and strengthening fundamentals of students in their subjects, because these cleared doubts and strengthened fundamentals will strengthen the destiny of our nation, which actually lies in these hands that are holding the 'mighty' pen and with Momentum we can proudly say that their future is in safe and progressive hands.

Director
Momentum
Er. Vikas Agrawal (HOD, Physics)
Er. Arvind Tripathi (HOD, Chemistry)

Vision

To be the most admired brand in education sector, helping the young aspirants to make their dreams come true through high quality teaching, technology enabled systems and commitment.

Mission

To create an environment of excellence by imparting quality education and producing proficient professionals.

Values

Student First

Hard Work

Employee Care

Accountability

Integrity

Passion

Team Work

SHAPE·IT

Our Success Story

2004

Momentum started by three 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 selections

Top Rankers of JEE-ADVANCED

Overall

Utkarsh Lath
IIT AIR-97

Ankesh Singh
IIT AIR-140

Ashish Gupta
IIT AIR-265

Rohit Agrawal
IIT AIR-395

Anshu Sri.
IIT AIR-570

Anurag Pandey
IIT AIR-607

Pranshu Gupta
IIT AIR-626

Devesh Srivastava
IIT AIR-627

Aakash Bhardhwaj
IIT AIR-643

Ankit Kr. Nayak
IIT AIR-17 (SC)

Shoubhik Gupta
IIT AIR-24 (Pd)

Dinesh Gautam
IIT AIR-28 (SC)

Akash Kr. Yadav
IIT AIR-732

Nandini Jalan
IIT AIR-733

Anuj Sureka
IIT AIR-736

Himanshu Sri.
IIT AIR-864

Sagar Srivastava
IIT AIR-865

Sujeet Chaudhary
IIT AIR-874

Atif Ashhar
IIT AIR-906

Shushant Singh
IIT AIR-955

Manish Baraik
IIT AIR-52 (ST)

Keshu Priyadarshi
IIT AIR-1010

Utkarsh Madhesiya
IIT AIR-1068

Puneet Dwivedi
IIT AIR-1094

Rishabh Deo
IIT AIR-1106

Rhytham Singh
IIT AIR-64 (SC)

Adarsh Sapre
IIT AIR-1164

Ankur Agrawal
IIT AIR-1214

Ishan Rana
IIT AIR-1311

Arpit Shukla
IIT AIR-1341

Aditya Singh
IIT AIR-1350

Ajit Dubey
IIT AIR-1389

Surendra Kumar
IIT AIR-97 (SC)

Ahmad Hasan
IIT AIR-98 (Pd)

Himanshu Singh
IIT AIR-1605

Saurabh Dixit
IIT AIR-1675

Kundan Tripathi
IIT AIR-1700

Varun Agrawal
IIT AIR-1718

Harshit Bangar
IIT AIR-1801

Prasoon Srivastava
IIT AIR-1838

Nitin Kr. Singh
IIT AIR-1866

Ayush Kr. Dixit
IIT AIR-1924

Vipul Garg
IIT AIR-1950

Shushant Mani Tri.
IIT AIR-1961

Ashutosh Mishra
IIT AIR-1976

Abhinav Srivastava
IIT AIR-2000

and many more ...

1077 selections in IIT-JEE in 17 years

Top Rankers of JEE-MAIN/AIEEE

Overall

Utkarsh Lath
JEE Main-4

Deepak Kumar
JEE Main-7 (SC)

Sushant Singh
JEE Main-13

Rhytham Kr. Singh
JEE Main-18 (SC)

Shushobhit
JEE Main-23 (SC)

Arpit Shukla
JEE Main-26

Himanshu Sri.
JEE Main-26

Ankit Nayak
JEE Main-30 (ST)

Amit Mohan
JEE Main-32 (SC)

Nitendra Gond
JEE Main-48 (SC)

Harshit Bangar
JEE Main-49

Gaurang Singh
JEE Main-50

Chandra Mohan
JEE Main-55

Sonal Nayak
JEE Main-55 (ST)

Ankesh Singh
JEE Main-56

Viplav Singh
JEE Main-58

Abhishke Kr.
JEE Main-71

Diwakar Shaw
JEE Main-71

Kumar Saurabh
JEE Main-73

Anmol Ramraika
JEE Main-76

Rohit Agrawal
JEE Main-78

Devesh Sri.
JEE Main-81

Kundan Tripathi
JEE Main-82

Ayush Pandey
JEE Main-88

Gaurav Kush.
JEE Main-96

Ashish Gupta
JEE Main-116

Pawan Kumar
JEE Main-117 (SC)

Ashok Paswan
JEE Main-126 (SC)

Dinesh Gautam
JEE Main-129 (SC)

Vivek Vihar
JEE Main-130

Aakash Bharadwaj
JEE Main-132

Mayank Sinha
JEE Main-147

Aditya Bhardwaj
JEE Main-164

Tushar Sri.
JEE Main-168

Alka Priya
JEE Main-169 (SC)

Ved Prakash
JEE Main-39 (SC)

Nitish Goenka
JEE Main-175

Sujeet Chaudh.
JEE Main-178

Sunil Kumar
JEE Main-171 (SC)

Akhilesh Gond
JEE Main-186 (SC)

and many more ...

Top Rankers of UPTU

Overall

Nandini Jalan
UPSEE-1 (GL)

Rohit Agrawal
UPSEE-06

Ravi
UPSEE-06 (AF)

Himanshu Sri.
UPSEE-08

Vijay Krishna
UPSEE-09*

Arpit Shukla
UPSEE-13

Ahmad Hasan
UPSEE-13 (Pd)

Adarsh Yadav
UPSEE-14*

Ritul Srivastava
UPSEE-16 (GL)

Shoubhik Gupta
UPSEE-17 (Pd)

Shivani Agrawal
UPSEE-19 (GL)

Sakshi Pandey
UPSEE-21 (GL)

Prasoon Sri.
UPSEE-23

Vidit Tripathi
UPSEE-30

Shubhra Chaudhary
UPSEE-31 (GL)

Abhishek Kr.
UPSEE-33

Amit Kr. Rai
UPSEE-33 (AF)

Prabhat Singh
UPSEE-35

Ankesh Singh
UPSEE-37

Swati
UPSEE-38

Nitish Goenka
UPSEE-38

Vishwajeet
UPSEE-38*

Shreya Pandey
UPSEE-42 (GL)

Shubham Singh
UPSEE-42*

Aman Jaiswal
UPSEE-46*

Ritika Gaur
UPSEE-46

Viplav Singh
UPSEE-50

Sushant Singh
UPSEE-51

Surendra Kumar
UPSEE-18*

Akhil Anand
UPSEE-20*

Ved Prakash
UPSEE-40 (SC)

Apurti Marodia
UPSEE-47 (GL)

Tushar Aditya
UPSEE-48 (SC)

Ankit Kr. Nayak
UPSEE-59 (SC)

Ashutosh Jaiswal
UPSEE-62*

Chandran Rai
UPSEE-62 (AF)

Amit Mohan
UPSEE-67 (SC)

Aditya Gupta
UPSEE-68

Ankur Tripathi
UPSEE-69

Akanksha Malhotra
UPSEE-71

Nitish Mall
UPSEE-73

Gaurav Kumar
UPSEE-76

Sonali Mishra
UPSEE-76 (GL)

Kr. Siddhant
UPSEE-79

Navneet Singh
UPSEE-80

Vishakha Pandey
UPSEE-83 (AF)

Kundan Tripathi
UPSEE-88

Rishabh Shekhar
UPSEE-90

and many more ...

WE BELIEVE, YOU CAN

"ACCEPTING CHALLENGES HOWEVER DIFFICULT"

Every great journey starts with a single step and conquering all major hurdles in life starts with self-confidence. When you believe you can do it, half of your task is done.

We, at Momentum, simply help students to explore their full potential, boost their self- confidence in the best ways we know and help them realize their dreams.

Why should a student **choose Momentum** over other institutes?

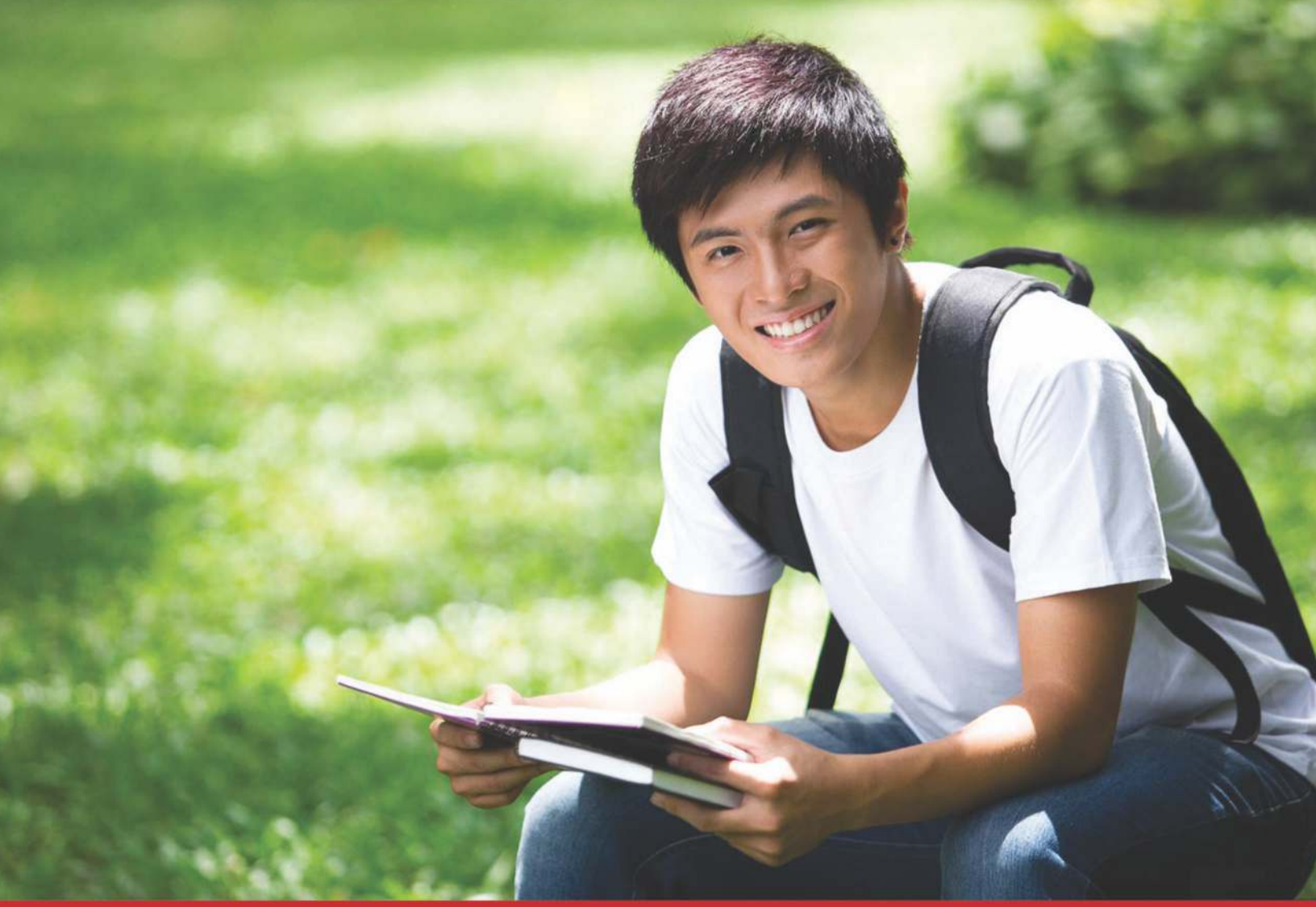
- Excellent Results
- Expert Faculty Team
- Personal Care
- Best in Test Preparation
- Conducive Learning Environment

Competitive Atmosphere

Competitive environment & focused learning at Momentum provide the necessary edge & exposure to students.

Innovative Study Material

Meticulous, relevant & original Study Material and Test Papers are prepared based on the latest pattern of exams designed by the expert faculty at Momentum.



Integrated Education

Integrate approach of teaching not only prepares students for entrance exams but also for School/Board Exams.

Special Classes

Not every student comes to Momentum with the acumen to be a topper. They are trained to become one at Momentum. Weak students are paid extra attention to cope up with brilliant students. Simultaneously, brilliant students are also trained to improve upon their good performances and outshine others.

Doubt Clearance

The students at Momentum find the doubt clearing system quite helpful. During doubt clearing hours, students can ask any doubt on any topic from the respective subject teachers in allotted room.

Motivational Classes

Momentum conducts motivational classes from time to time to inspire students to make them a winner. Our Honorable Directors himself conducts such sessions and make sure that each student gets motivated to face competitive exams confidently.

Momentum Quality System

- Strategic Lecture Plan
- Regular Feedback System
- Well-planned Test Schedule
- Parent-Teacher Meetings
- Simplified Test Discussion
- Standard Mentoring

"Finding newer ways of overcoming challenges"

If we are able to give wonderful result year after year and continue to grow at the same time, it is all due to the system at Momentum. Using the latest and the most innovative methodologies. this system is working strongly for the growth of the institute as well as career growth of the student.

The system functions in a transparent manner and parents can easily track their ward's performance and attendance in the class. Parents are informed about the result of tests and absenteeism of their ward via SMS. Same can be checked on our mobile app.

Over the years, the system has wonderfully evolved. Everything, right from lecture plans to course content, test schedules to examination system, parent-teacher meetings day-to-day administration, is planned well in advance for the entire academic year. Our work system has made us what we are today, which is followed religiously.

Individual Attention

- Standardized Education Delivery
- Planned & Documented Lectures
- Special attention to incompetent students
- Best support to genius students
- We take care of Ent. Exams & Board Exams
- Holistic Teaching

"Making challenges easy to handle"

The standardized education delivery methodology at Momentum ensures perfect and consistent coaching by our faculty members. The teaching methodology is so unique and holistic that it generates not only excellent classroom discussions but also insightful study material. Each and every lecture is planned to make sure that the content delivered is standard, complete and finished in stipulated time.

The students are given individual attention and to remove their personal doubts, we keep doubt sessions for each subject, 7 days a week.

Team Momentum
(HOD's for Engineering)

- Highly Professional
- Helping hands to students
- Mentor to the students
- Perfect blend of Academicians
- Subject Experts
- Dedicated to serve students

Mr. Vikas Agrawal

Time is neutral and does not change things. With courage and initiative, leaders change things.

The above adage holds good for our Physics H.O.D. Er. Vikas Agrawal, a graduate from IIT BHU. With an impeccable record of guiding numerous students to leading technical institutes, he holds the distinction of producing many top rankers in IIT-JEE (Mains & Advanced). Known for his composure and serenity, his popularity derives strength from the art of dismantling complex problems into elements, easily understood and appreciated by the students.

He believes that everyone can achieve their goals, provided one gets right guidance, right direction to move on for the success in the competitive world.

He is of the view that if the students learn to visualize the subject, he/she shall definitely be able to solve even the toughest problems of Physics.

Mr. Arvind Tripathi

Chemistry can be a good and bad thing. Chemistry is good when you make love with it. Chemistry is bad when you make crack with it.

Our chemistry H.O.D. Er. Arvind Tripathi, an engineering graduate from IIT BHU in chemical engineering create this love for chemistry in classrooms. He is famous for his unique and highly exhaustive teaching methodologies. Motivated by his desire to work in the field of education, he started teaching chemistry for IIT and Medical. He devotes optimum time to the class-room teaching in order to quench his passion for teaching.

In his teaching career, he enabled thousands of students to get through the different all India level and state level competitions which he is still doing. Er. Tripathi maintains his close relationship with chemical industry in India and has been recognized by various organizations of repute for his excellence in chemistry.

Mr. Subodh Singh

Mr. Subodh Singh our Mathematics H.O.D. is a perfect example of boundless commitment to teach with excellence and to see his students succeed. He has been working as centre head and HOD Mathematics at FIIT-JEE, Gorakhpur since last 10 yrs.

It goes without saying that hundreds of his students have been benefited and are successful in IIT-JEE (Mains & Advanced) and the journey continues as a crusade. He believes, that teaching is not just a vocation for him but a life-time ambition to fulfill. He works tirelessly and tries to help students to mould their inborn intelligence of his students.

He feels that, in pursuance to help the students, a teacher must know clearly well the set goal of the students and the process of teaching be planned systematically.

Study Material

- Insightful Study Material
- Incorporates easy to use Tips & Tricks
- Covers latest Syllabus of the Boards
- Follows Exact Pattern of the Exams
- Enriched Solved Examples
- Graphic Presentations
- Micro Assignments

To supplement the teaching, we provide an exhaustive study material which contains 3 levels of objective problems.

1st Level : Concept building

2nd Level : Orientation towards IIT-JEE and other Pre-Engg. Tests.

3rd Level : Challenging problems in addition to the problems asked in IIT-JEE and other Pre-Engg. Tests.

An innovative features of our teaching method is the class revision problems (CRP) sheets.

Before the lecture starts, a CRP sheet having 10 questions pertaining to the subject, is given to each student. These questions are to be solved by the students, which is followed by an immediate discussion in the class. Such dynamic preparation on daily basis empowers the student to thoroughly assimilate knowledge of every topic in each subject.

Class Revision Problems (CRP)

- Improve Concepts
- Reduce Errors
- Develop Healthy Academic Habits
- Enhance Concentration
- Boost Test Scores
- Ensure Selection in Entrance Exams

"To challenge young minds"

Momentum Assignments give Momentumites a remarkable edge over others. The students are supposed to try the set of problems given at the end of every topic on their own without the support of the teachers. This happens on a routine basis.

Momentum Assignments ensure that the students concentrate on two of the most important factors necessary to crack the toughest of exams - subject knowledge and a regular practice of the subject with a clear-cut objective of time management and minimizing errors as the studies progress.

Our Assignments are well known for improving concepts, reducing errors, developing healthy academic habits, enhancing concentration, boosting test scores and above all, ensuring selection in Entrance Exams.

Test and Discussion

- Fortnightly Tests
- Term Tests
- Complete Syllabus Tests
- Momentum Revision Test Series (MRTS)
- Class Revision Tests (CRT)

"Bringing very close to success"

Regular tests are conducted.

These tests are designed on topics, which have been covered in last three weeks. All test papers are discussed on the same day. Test results are displayed on the notice board within two days of test. Answer sheets with individual suggestions are returned to each students within four days after test. After completion of whole syllabus, students are given 15 days break. The revision session are conducted according to a well-structured plan with "in built" revision test.

Apart from minor and major tests surprise tests an also conducted as CRT (Class Revision Test). They get an insight into where they stand and how much they need to put in.

Momentum Success Mantra

Classroom Courses
MOMENTUM
IIT-JEE
2022-2024

Momentum IIT-JEE was founded in the year 2004. Momentum IIT-JEE is meant for those who dream to pursue a career in engineering from the best Engineering Colleges of India. It is this arm of Momentum that prepares students for Engineering Examinations such as JEE (Main), JEE (Advanced) and other state level entrance exams. Since its inception, this arm of Momentum has been giving nothing but outstanding results in all the prestigious Engineering Entrance Exams.

JEE (Joint Entrance Examination)

The JEE body decided to commence a Joint Entrance Examination from the year 2013 for admission to the undergraduate programs in Engineering in two phases, i.e. JEE (Main) and JEE (Advanced). This new pattern of JEE aims to create an umbrella through a single combined entrance exam for the admission to various Govt. and Private Engineering Colleges in the country. It minimizes over 50 different Engineering Entrance Exams to one.

All the candidates aspiring to take admission in the undergraduate programmes at IITs and ISM Dhanbad for the year 2017 have appeared in the Paper 1 (B.E./B.Tech.) of JEE (Main)-2017. Based on the performance in Paper 1 of JEE (Main)-2017, top 2,20,000 candidates (including all categories) were eligible to appear in JEE (Advanced)-2017.

Admissions to IITs were based on category-wise All India Rank (AIR) in JEE (Advanced) subject to condition that such candidates were in the top 20 percentile categories. Admission to NITs, IITs and CFTIs participating through Central Seat Allocation Board were based on All India Rank subject to the condition that the candidate should have secured at least 75% aggregate marks, or be in the top 20 percentile in the class XII examination conducted by the respective Boards. The aggregate marks (qualifying marks) for SC, ST and PwD candidates were at least 65% in the class XII examination. As there is a significant variation in the percentage marks of toppers among boards, the category-wise top 20 percentile score of successful candidates of each board is used as an alternative for the benefit of the candidates.

Since there was no weightage of class 12th marks in calculation of ranks in JEE (Main) - 2017, therefore, the roll number of class XII was not verified in 2017 by the CBSE, however, the candidates had to show the marksheet of class XII (regular/improvement) with 75% marks at the reporting centres at the time of counselling/admission in IITs/NITs/IITs and other CFTIs. Further, the candidates who had been allotted rank in JEE (Main) - 2017 were advised to visit the website www.josaa.nic.in and www.csab.nic.in for counselling and admission process in IITs/NITs/IIITs and other CFTIs.

The States of **Madhya Pradesh, Haryana, Uttarakhand, Nagaland, Odisha & some other institutions** have joined JEE (Main) system. However, their admission criteria had been notified by the concerned authorities. Therefore, the

candidates seeking admission to the institutions in these states were also advised to fill in the JEE (Main) application form online.

Benefits of JEE

JEE is now the single entrance exam for all engineering aspirants in India to take admission into the Engineering/ Science institutions. There is no need to apply for several entrance exams. The students will now be free and relaxed after appearing in a single exam. This will considerably reduce stress-level and the student will be able to avoid the multiple exams which posed the challenge of preparing for different syllabi and patterns. It is also a substantial financial savings for parents. A simultaneous preparation of School! Board examinations and JEE will yield better results. Introduction of JEE, thus eliminates the unnecessary wastage of time, effort & money.

Institutes Participating under JEE and their Number of Seats

The seat allocation had been done through Joint Seat Allocation Authority (JoSAA) 2017 with the help of National Informatics Center (N IC). The two members of JoSAA 2017 are Joint Admission Board (JAB) at IIT Madras and Central Seat Allocation Board (CSAB) at MNIT, Jaipur.

The Joint Seat Allocation Authority (JoSAA) 2017 has been set up by the Ministry of Human Resources Development (MHRD) to manage and regulate the joint seat allocation for admissions to 97 institutes for the academic year 2018-19. This includes **23 IITs, 31 NITs, 23 IITs** and **20 Other Government** Funded Technical Institutes (Other-GFTIs). Admission to all the academic programs offered by these Institutes will be made through a single platform.

- 22 - IITs + ISM, Dhanbad = 10,900 Plus Seats
- 31 - National Institutes of Technology (NITs) = 20,000 Plus Seats
- 23 - Indian Institutes of Information Technology (IIITs) = 3400 Plus Seats
- 20 - Other Government Funded Technical Institutes (100-ISITs + 1000-GFTIs) = 5000 Plus Seats
- 6 - Indian Institutes of Science Education & Research (IISERs) + 1 - Indian Institute of Science (IISc) = 2500 Plus Seats
- 1 - Indian Institute of Space Science & Technology (IIST) + 3 - Indian Statistical Institutes (ISIs) = 500 Plus Seats
- 1000 - State Level Colleges (PETs) = 5 Lac plus Seats
- Overall 2500 Institutes participate for 5.5 Lac seats through JEE

For more information, refer :
http://josaa.nic.in/SeatInfo/root/SeatMatrix.aspx

Note : No. of seats are subject to change as per Govt. policy.

Important Dates of JEE

Start of Online Application for JEE (Main) January - 20	1st week of December
Last date for Online submission of Applications	1st week of January
JEE (Main) - Online Examination	1st and 2nd week of January
Start of Online Application for JEE (Main) April - 20	Last week of January (expected)
Last date for Online submission of Applications	Last week of January (expected)
JEE (Main) - Online Examination	2nd week of April
Declaration of JEE (Main) Result	Last week of April
Registration and payment of fee for JEE (Advanced)	Last week of April to 1st week of May
Admit cards available for downloading for JEE (Advanced)	2nd week of May to 3rd week of May
JEE (Advanced) - Entrance Exam	3rd week of May
Online Declaration of JEE (Advanced) Results	2nd week of June

Eligibility Criteria for JEE

- **Performance in JEE (Main) :** The candidate should be among the top 2,20,000* (including all categories) in Paper-1 of JEE (Main) for candidate who wish to appear in JEE (Advanced). The percentages of various categories are : 27% for OBC-NCL, 15% for SC, 7.5% for ST and the remaining 50.5% is OPEN for all.
- **Age Limit :** Candidates of GEN and OBC-NCL categories must have completed 17 years at the time of admission and should be an Indian National.
- The upper age limit for JEE (Advanced) is 25 years for GE and OBC-NCL categories and this upper age limit shall be relaxed by a period of 5 years for SC, ST and PwD categories.
- **Number of Attempts :** The maximum number of attempts which a candidate can avail at JEE (Main) shall be limited to 03 (three).
- A candidate can attempt JEE (Advanced) a maximum of two (02) times in consecutive years irrespective of whether or not he/she passed the Qualifying Examination.
- **Appearance in Class XII (or equivalent) examination :** Those appearing in Class XII final (or equivalent) examination may also appear in JEE (Main) in the following year provisionally.
- However, admission criteria in the concerned Institution / University will be followed as prescribed by the concerned University/ Institution and as per the guidelines & criteria prescribed by the All India Council for Technical Education (AICTE).
- In addition to JEE score, the qualifying examination is Class-XII from any National/State or 'Approved' International Board.
- **75% cut-off Marks or Top 20 Percentile:** Candidates to qualify for the admission in the IITs/NITs/IIITs and such other CFTIs whose admissions are based on the JEE (Advanced)/JEE (Main) ranks, they should have secured at least 75% marks, or be in the top 20 percentile in the 12th class examination conducted by the respective Boards. For SC, ST and PwD candidates the qualifying marks would be 65% in the 12th class examination.
- There shall be no weightage for the 12th class marks in calculating the ranks in the JEE (Main) examination.
- **Subjects for calculating aggregate marks & cut off marks :** The marks scored in the following five subjects will be considered for calculating the aggregate marks and the cut-off marks for fulfilling the top 20 percentile criterion: (1) Physics, (2) Chemistry, (3) Mathematics, (4) a language (the language with the higher marks will be considered), and (5) any subject other than the above four (the subject with the higher marks will be considered).

For further details on eligibility criteria for the admission into IITs and ISM-Dhanbad, please visit: www.jeeadv.ac.in

Test Pattern of JEE (Main & Advanced)-2021

The admission to the undergraduate programmes at the JEE (Main & Advanced) is based on a two-tier test. The first test is called the JEE (Main) for NITs & IIITs shall be held during the month of January and April (only online) conducted by NTA. The second test, JEE (Advanced) for IITs & ISM-Dhanbad shall be held in the month of May (only offline) which is conducted by the IITs/JEE body.

Exam Structure of JEE (Main)-2021

The JEE (Main) exam consists of two papers; Paper-I for B.E./B.Tech & Paper-2 for B. Arch/B. Planning aspirants. Mode of the test is online only for Paper-I and only offline for Paper-2. Question papers are provided in both English and Hindi medium.

Questions and Marks distribution for each Subject: (Physics, Chemistry, Mathematics)

B. E. / B. Tech	Paper-1	Objective questions with equal weightage **(MCQs)**	Physics Chemistry Mathematics	25 25 25	25 x 4 = 100 25 x 4 = 100 25 x 4 = 100	1/4	3 hrs. (9:30-12:30)
		Total		**75**	**300**		

Note : Candidates who wish to appear in JEE (Advanced) must write Paper-1 of JEE (Main)

Exam Structure of JEE (Advanced)-2021

The JEE (Advanced) consists of two objective type papers i.e., Paper-I & Paper-2. Each Paper consists of three parts - Physics, Chemistry and Mathematics with 3 separate sections i.e., Section-1, 2, 3 & 4 each having with different types of questions. In some Sections, incorrect answers are awarded negative marks. Question papers are provided in both English and Hindi Medium.

Paper - 1

Section	Question Type	Question Numbering	No. of Questions	Maximum Marks	Marking Scheme			
					Full Marks	Partial Marks	Zero Marks	Negative Marks
1.	Only one Correct	01-04	4	4 x 3 = 12	+3	-	0	-1
2.	Question Stem (Numerical Value)	05-10	6	6 x 2 = 12	+2	-	0	0
3.	One or More Correct	11-16	6	4 x 6 = 24	+4	+3,+2,+1	0	-2
4.	Non-negative Integer	17-19	3	3 x 4 = 12	+4	-	0	0
	Total	**01-19**	**19**	**60**				

Paper - 2

Section	Question Type	Question Numbering	No. of Questions	Maximum Marks	Marking Scheme			
					Full Marks	Partial Marks	Zero Marks	Negative Marks
1.	One or More Correct	01-06	6	6 x 4 = 24	+4	+3,+2,+1	0	-2
2.	Question Stem (Numerical Value)	07-12	6	6 x 2 = 12	+2	-	0	0
3.	Paragraph Type	13-16	4	4 x 3 = 12	+3	-	0	-1
4.	Non-negative Integer	17-19	3	3 x 4 = 12	+4	-	0	0
	Total	**01-19**	**19**	**60**				

Notes : Candidates will NOT be allowed to carry any electronic devices. Only BLACK ball point pens, downloaded admit card and an original photo identity card are allowed to be taken inside the examination hall. Candidates should use BLACK BALL POINT pen for darkening the bubbles. Candidate should write his/her Name, Roll No. and the name of centre and sign with pen in the boxes provided on the right side of ORS.

Year wise Total Number of B.Tech Seats at various IITs (2011-2022)

S.No.	Institute	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
1	IIT Bombay	1115	1026	963	929	903	903	880	880	880	880
2	IIT Delhi	1061	910	851	851	851	851	851	851	851	851
3	IIT Guwahati	785	702	645	645	615	660	660	660	615	615
4	IIT Kanpur	1016	910	831	827	827	853	827	827	827	827
5	IIT Kharagpur	1585	1453	1342	1341	1341	1341	1341	1341	1370	1341
6	IIT Madras	967	877	846	838	838	838	838	838	838	838
7	Iit Roorkee	1136	1043	975	975	970	1030	1065	1105	1155	1155
8	IIT BHU Varanasi	1149	1167	1091	1090	1090	1090	1090	1090	1057	1057
9	IIT (IMS) Dhanbad	952	1007	912	912	912	935	962	1005	1034	1034
10	IIT Gandhinagar	212	194	181	180	180	150	150	140	120	120
11	IIT Ropar	346	309	280	260	155	130	120	120	120	120
12	IIT Patna	361	250	225	225	200	200	200	200	120	120
13	IIT Jodhpur	352	247	240	180	120	120	160	200	160	160
14	IIT Bhubaneshwar	419	369	350	350	260	180	180	160	120	120
15	IIT Hydrabad	317	294	285	285	240	220	220	210	140	140
16	IIT Indore	294	275	260	260	260	120	120	120	120	120
17	IIT Mandi	282	200	182	150	150	145	120	120	120	120
18	IIT Palakkad	181	163	160	120	123	120	-	-	-	-
19	IIT Tirupati	203	180	180	120	120	120	-	-	-	-
20	IIT Goa	150	97	90	90	90	-	-	-	-	-
21	IIT Bhilai	143	127	120	120	120	-	-	-	-	-
22	IIT Jammu	213	154	150	120	90	-	-	-	-	-
23	IIT Dharwad	137	126	120	120	120	-	-	-	-	-
	Total	**13376**	**12080**	**11279**	**10988**	**10575**	**10006**	**9784**	**9867**	**9647**	**9618**

For Class 11 Studying Students

(Students studying in class X and moving to class XI)

Admission Process : Direct Admission on the basis of Marks/Grades obtained in this School/Board Exam or through Admission cum Scholarship Test (ACST) and MTSE

First Step Courses

Two Year Integrated Course for IIT-JEE (Main & Advanced)

Course Description

This course is divided in two years (sessions)

- **Year-1: Class XI (Session-1) :** It shall continue till 15th February, 2023 to complete the syllabus of Class XI and then the students will be free for their Class XI final exam.
- They shall then rejoin in the first week of March 2023 to continue the syllabus of Class XII.
- **Year-2: Class XII (Session-2) :** Class XII syllabus will be completed by September, 2023 & Class XI revision will be done from October, 2023 to 30th December, 2023.
- Certain top ranking students will be given some extra Tests in December, 2023. Selection of such students shall be at the sole discretion of the management.
- Students will be thoroughly prepared for School/Board Exam as well as Engineering Entrance Exams

Tests During Course • Fortnightly Tests • Term Tests • Board Level Tests • CRT

Course Highlights

Regular class tests will be conducted on school as well as entrance exams pattern. The result of each test shall be displayed on Centre Notice Board and sent to the parents through SMS. Relevant study material will be provided in Physics, Chemistry & Maths.

Additional Benefits

1. Test Series Course for preparation of JEE (Main & Advanced).
2. MRTS (Momentum Revision Test Series) for preparation of JEE (Main & Adv).
3. JARP* - a unique question bank for JEE (Adv.) aspirants.
4. Model Papers, Home Assignments & Online Test Series for aspirants of KVPY & HBCSE-Olympiads.

*JARP - JEE Advanced Revision Package

Note : After declaration of the class X board exam result, the students can apply for additional scholarship on the basis of performance / score in class X board. The application should reach to the office latest by 15th Sept., 2022. If any student write ACST & qualified for Scholarships then whichever is higher shall be considered for the purpose of Refund (out of Board Marks Scholarships or ACST).

For Class 12 Studying Students

(Students studying in class XI and moving to class XII)

Admission Process : Direct admission on the basis of Marks / Grades obtained in the School/Board Exam or through Admission cum Scholarship Test (ACST) and MTSE

Second Step Course

One Year Integrated Course for IIT-JEE (Main & Advanced)

Starting From : First week of March / First week of April, 2022

Ending on : 30th December, 2022

Course Description

- Students will be thoroughly prepared for Class XII Board exam as well as Engineering Entrance Exams in this course
- Class XII syllabus will be completed by September, 2022 & Class XI revision will be done from October, 2022 to 30th December, 2022.
- Certain top ranking students will be given some extra Tests in December, 2022. Selection of such students shall be at the sole discretion of the management

Tests During Course • Fortnightly Tests • Term Tests • Board Level Tests • CRT

Course Highlights

- Regular Class tests will be conducted on school as well as entrance exams pattern
- The result of each test shall be displayed on Centre Notice Board and sent to the parents through SMS
- Relevant study material will be provided in Physics, Chemistry and Mathematics

Additional Benefits

1. Test Series Course for preparation of JEE (Main & Advanced)
2. MRTS for preparation of JEE (Main & Adv.)
3. JARP - a unique question bank for JEE (Adv.) aspirants
4. Model Papers, Home Assignments & Online Test Series for aspirants of KVPY & HBCSE-Olympiads.

*JARP - JEE Advanced Revision Package

For Class 12 Passed Students

(Power Step & Dropper / Repeater Batches)

Admission Process : Direct admission on the basis of Marks / Grades obtained in the School/Board Exam or through Admission cum Scholarship Test (ACST)

Power Step Course for IIT-JEE (Main & Adv.)

Starting From : April to July, 2022

Ending on : Last week of February, 2023

Course Description

- This course is specially designed for students who are aspiring for a better performance in IIT-JEE (Main & Advanced).
- Students are thoroughly prepared for IIT-JEE (Main & Advanced)

Tests During Course • Fortnightly Tests • Term Tests • CRT

Course Highlights

- Regular tests will be conducted on entrance exam pattern.
- The result of each test shall be displayed on Centre Notice Board and sent to the parents through SMS and by phone calls.
- Relevant study material will be provided in three subjects i.e., Physics, Chemistry & Mathematics.
- As per changed pattern of JEE (Main), students will be prepared from April 2022 to December 2022 then they will appear in JEE (Main) January 2023 and they will again attend revision classes in January/February 2023 for JEE (Main) conducted in April 2023.
- Those who are selected for JEE Advanced, will have to attend class in April/May 2023 also for JEE Advanced to be held in May 2023.

Additional Benefits

1. Test Series Course for preparation of JEE (Main & Advanced).
2. MRTS for preparation of JEE (Main & Advanced).
3. JARP* - a unique question bank for JEE (Adv.) aspirants.

*JARP - JEE Advanced Revision Package

ADMISSION PROCESS

Admission processes at Momentum may vary from one course to another course. Momentum offers "Direct Admission" (DA) option in all of its courses. The students can take admission either directly on the basis of Percentage of Marks secured by them in their last school/board exams or through "Admission-cum-scholarship Test" (ACST) and MTSE If they wish to avail a scholarship.

Direct Admission (DA)

1. Each course has a predefined specific percentage admission criterion. Broadly, for admission in an course a student should fulfill the required Grades or Percentage (aggregate marks) in either Science & Maths in Class VIII / IX / Class X Board / All India Secondary School Examination (AISSE) or Physics, Chemistry, Biology (PCB) / Physics, Chemistry Maths (PCM) in Class XII Board / Higher Secondary Certificate (HSC).
2. Those students who have secured minimum 60% aggregate marks in PCB/PCM in Class XII or X are eligible for admission.

Admission cum Scholarship Test (ACST)

1. Who could not perform well in their board exams, for such students, we are providing an opportunity to appear for our 'Admission cum Scholarship Test (ACST)' to showcase their potential for Medicine or Engineering as career. Those students who qualify this test are then given admission in the applied courses.
2. The admission test also gives an opportunity to a student to outperform and get scholarship in turn. A student, who has qualified our direct admission criteria, can also appear for ACST in order to avail scholarship.
3. If a student has taken direct admission and paid registration fee, admission fee & first installment of the tuition fee, then he/she cannot appear in ACST to avail any scholarship benefit.
4. A student can appear in the ACST for a maximum of two chances for seeking admission in a particular course.
5. The detailed syllabus of the admission test is different for different courses and can be obtained from the information desk at the applying centre.
6. For more details, please contact with the Centre Counsellors.

About MTSE (Momentum Talent Search Exam)

Till it's 6th edition conducted in January 2022, **MTSE** has already become most preferred examination for the students of eastern UP and Bihar to compete and assess their potential & performance. Every year **MTSE** filters the best talent through rigorous testing and has set examples of transforming the top performers into IITians and Doctors.

MTSE (Momentum Talent Search Examination) also a knowledge and aptitude test to be conducted by MOMENTUM in order to give a platform for the future IITians / Doctors of eastern UP and Bihar to reward or nurture talented students and aid them in fulfilling their career aspiration.

Documents Required for Admission :

Students are requested to attach the following documents along with duly filled application form at the time of admission.

1. Four recent passport size colour photographs.
2. Self-attested photocopy of mark-sheet of last qualifying exam.
3. Fee can be paid through Netbanking (NEFT/RTGS), (Credit/ Debit)/Cash.
4. Proof of Scholarship for other Categories.
5. Any other proof for availing Scholarship.

Scholarships

Any student can avail any one of the following scholarships.

(i) Based on Admission cum Scholarship Test (ACST)

For Two Year Courses (XI + XII)		For One Year Courses (XI)	
Scholarship % on Tuition Fee	**CRITERIA**	**Scholarship % on Tuition Fee**	**CRITERIA**
60%	Above 90% in ACST	60%	Above 90% in ACST
50%	Above 80% in ACST	50%	Above 70% in ACST
40%	Above 70% in ACST	40%	Above 60% in ACST
35%	Above 60% in ACST	35%	Above 50% in ACST
30%	Above 50% in ACST	30%	Above 45% in ACST
25%	Above 40% in ACST	25%	Above 40% in ACST
15%	Above 30% in ACST	15%	Above 30% in ACST

(ii) Based on Class X Board Exam performance where Mark System is applicable (Merit Scholarship)*

Name	Scholarship % on Tuition Fee	CRITERIA
Platinum	50%	• 95% or above (top 5 subjects including Maths & Science)
Diamond	25%	• 93% and above marks in top 5 subjects including Maths & Science
Gold	20%	• Above or equal 90% and less than to 93% marks in top 5 subjects including Maths & Science
Silver	15%	• Above or equal 85% and less than to 90% marks in top 5 subjects including Maths & Science

*The Scholarship Criteria will be based on last School/Board Exam.

(iii) Based on Board Class XII Exam performance (Merit Scholarship)

Scholarship % on Tuition Fee	CRITERIA
100%	Above 95%
30,000	93% - 95%
20,000	90% - 93%
15,000	85% - 90%
12,000	80% - 85%
10,000	75% - 80%
6,000	70% - 75%
4,000	65% - 70%

Note : Above scholarship will be given on tuition fee only.

(iv) Based on performance in Competitive Exams like NTSE & KVPY

Name	Scholarship % on Tuition Fee	CRITERIA
NTSE (Stage-I) Qualifier	25%	This Scholarship on tuition fee will be given to all National Talent Search Examination (NTSE) Stage-I Qualifiers, who have qualified 1st stage of NTSE. (Attach Proof)
NTSE (Stage-II) Qualifier	75%	This Scholarship on tuition fee will be given to all National Talent Search Examination (NTSE) Stage-II Qualifiers, who have qualified 2nd stage of NTSE (NTSE Certificate attested by Principal will be required).
KVPY – Aptitude Test Qualifiers	100%	This Scholarship on tuition fee will be given to those students who have qualified in Kishore Vaigyanik Protsahan Yojana Aptitude Test. (Attach Proof)
KVPY – Interview Qualifier	100%	This Scholarship on tuition fee will be given to those students who have qualified in Kishore Vaigyanik Protsahan Yojana Interview round. (Attach Proof)

(v) Scholarships for HBCSE Olympiads and Mathematical Olympiads Qualified students

Stages of Exam	Scholarship % on Tuition Fee	Merit Score
NSE(P/B/C/NJS) Qualified (Stage-I of International Olympiads)	75%	Eligible for INO
RMO / GMO Qualified	75%	Qualified for INMO
INJSO / INBO / INPhO / INChO / INAO / INMO Qualified (Stage-II of International Olympiads)	100%	Qualified for Next Stage

Note : Kindly attach proof for the same to avail scholarship

(vi) Based on performance score in Competitive Exams like JEE*

JEE (Advanced) Qualifier Marks	Scholarship % on Tuition Fee	CRITERIA
130 & Above	100%	The Scholarship on tuition fee as per the criteria mentioned in the table will be given to students on JEE (Advanced) score and these students also need to submit a proof of preparing for next year's JEE (Advanced) to improve their marks/selection. (Attach Proof)
125 & Above	75%	
110 & Above	60%	
100 & Above	50%	
90 & Above	40%	

(vii) Scholarship on JEE main marks

Marks	Scholarship
81 - 100	30%
101 - 125	40%
126 - 150	50%
151 - 175	75%
175+	100%

Awards & Prizes

Momentum IIT-JEE offers Award Scholarship for Momentumites who secure Rank in Engineering Entrance Exams as under.

AIR in JEE Advanced	AIR in JEE Main	Rewards
1	1	Rs. 5,00,000
2 - 10	2 - 10	Rs. 2,00,000
11 - 100	11 - 100	Rs. 1,00,000
101 - 200	101 - 200	Rs. 50,000
201 - 500	201 - 300	Rs. 25,000
501 - 1000	301 - 500	Rs. 15,000
1001 and above	501 - 1000	Rs. 5,000

Rules :

(a) One student shall be given one Award scholarship only whichever will be higher.

(b) The student must be of Classroom Course of Momentum IIT-JEE.

(c) If any other Institute claims him/her as a student of their Institute, he/she will not be eligible for the award scholarship.

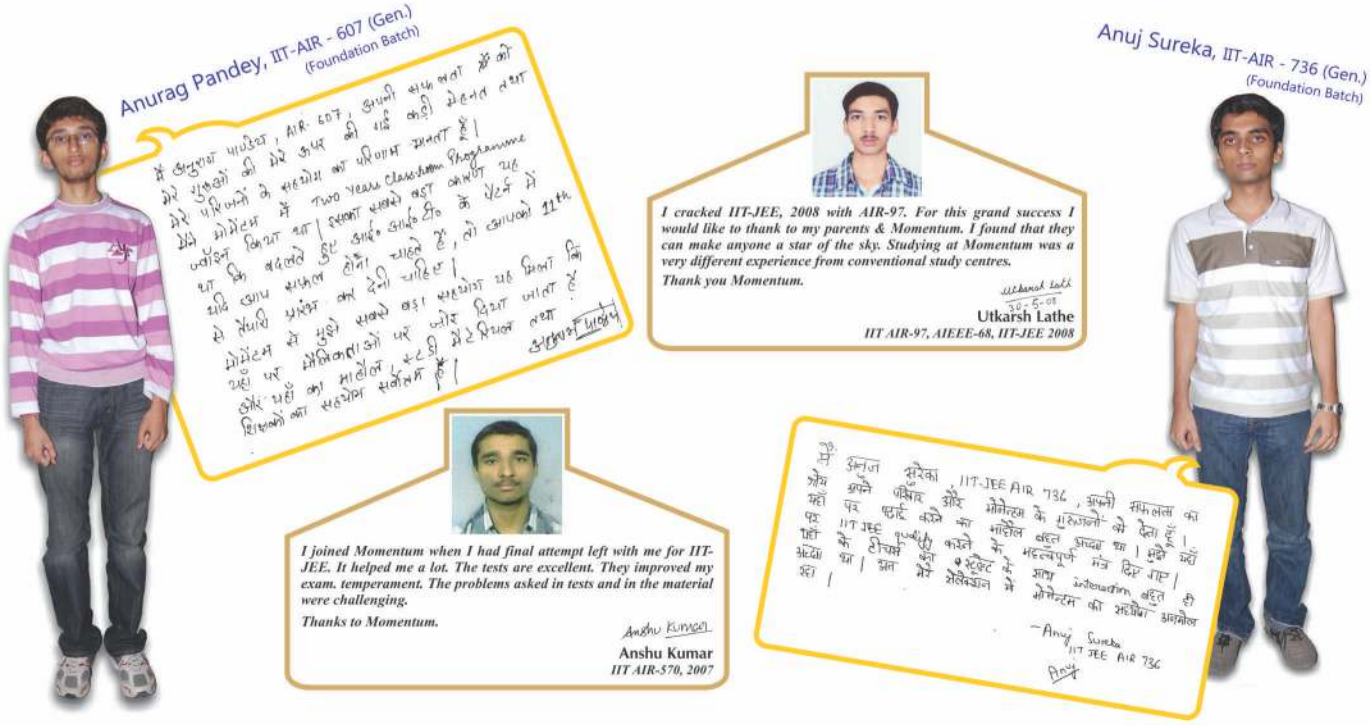
(d) Prize money is inclusive of GST.

(e) The Award scholarship is applicable only to All India Ranks of General Category and not to the ranks under any other head such as SC, ST, OBC, PH, Defence etc.

(f) The award scholarship will be paid in Indian Rupees only. (By Cheque).

In all cases, the decision of the Managing Directors Momentum shall be final.

Meaning of Scholarship (Scholarship means Fee Concession; Fee Discount; Fee Waiver) : If at any point of time government decides to charge GST on the scholarship/concession amount/tee waiver and in prize money, then it shall be borne by the students.



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