



**Mentoring Students for  
Foundation - MHT-CET - IIT - MEDICAL**

## **GURUKUL SYSTEM**

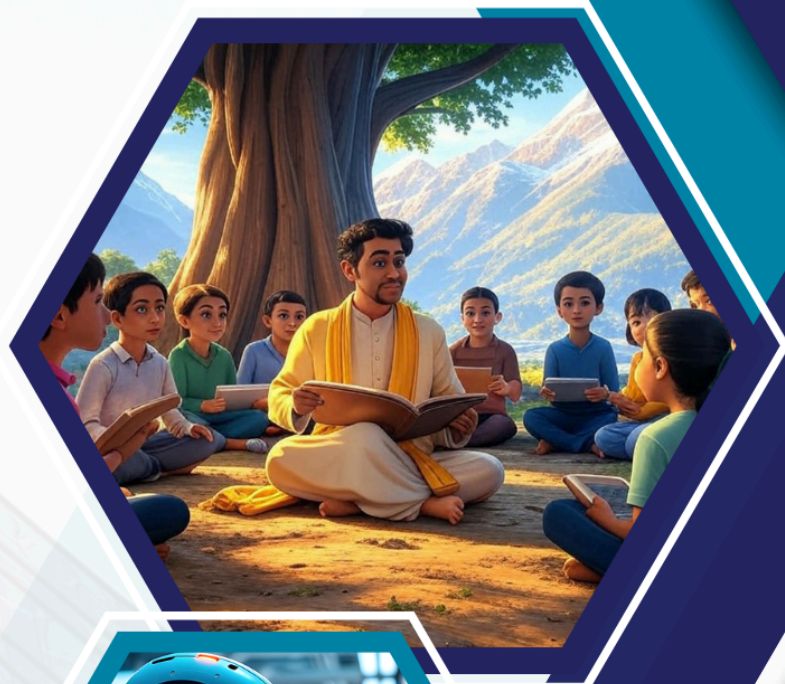
- **IIT-JEE**
- **NEET-UG**
- **MHT - CET**
- **FOUNDATION**



**[www.pentagonedu.com](http://www.pentagonedu.com)**



**[info@pentagonedu.com](mailto:info@pentagonedu.com)**





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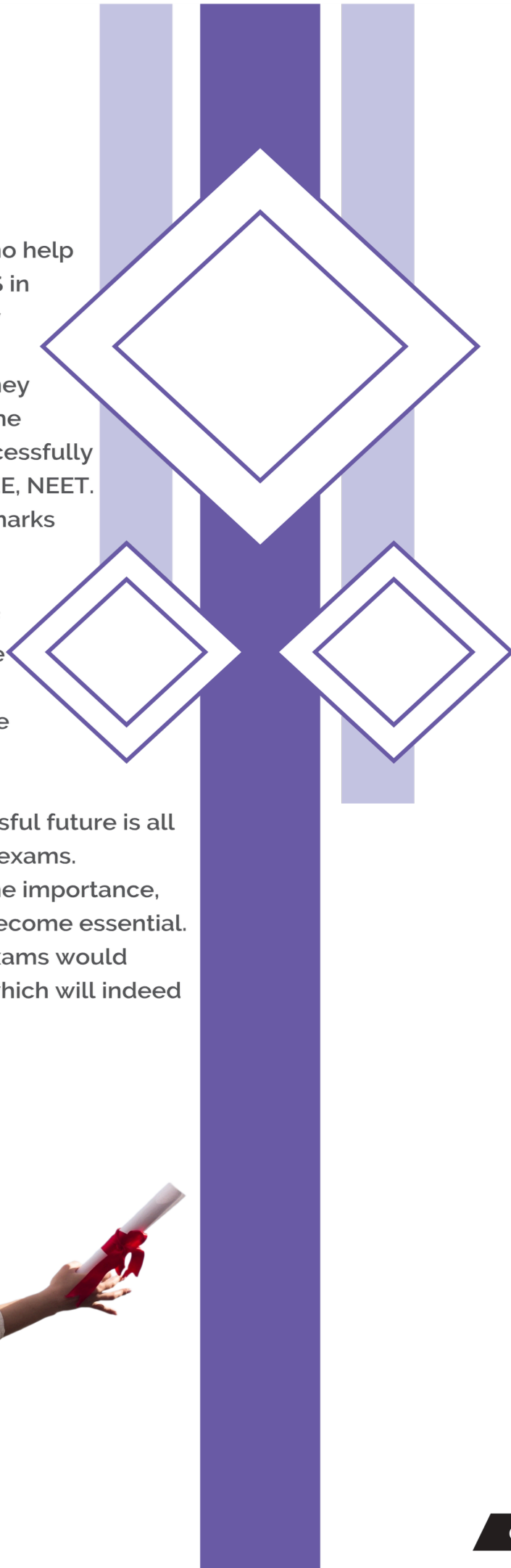


# Welcome To **PENTAGON**

PENTAGON is an initiative taken by intellectuals who help students prepare for IIT-JEE, NEET and OLYMPIADS in **KALYAN / BHIWANDI and KOLHAPUR**. The faculty consists of experts in the field of IIT-JEE, NEET and OLYMPIADS with an experience atleast 13 years. They enjoy a tremendous goodwill and respect among the student fraternity. Many of their students have successfully cleared other com-petitive exams apart from IIT-JEE, NEET. Dedication, Passion and perseverance are the hallmarks of this team.

We believe in providing the highest quality of education in preparing the students for competitive examinations and are committed to make learning process fundamentally strong and enjoyable for the aspirants by using innovative teaching methods.

For parents it is important to know that successful future is all about giving their ward awareness for competitive exams. For achieving a professional career, so looking at the importance, imparting training to the child at school level has become essential. Training students at school level for competitive exams would enhance the skill levels of a child at the right age which will indeed help us to build the foundation for future.



# Message from DIRECTOR

Dear Parents & Students,  
Warm greetings from PENTAGON

**"Dream big, stay positive, work hard  
& enjoy the journey"**

Education is a challenge for every stakeholder before nurturing own professional path and numerous opportunities are available for the students in the direction they choose.

Having various options to choose from, it is necessary having a guide or mentor to help the students choose the right option for gaining academic excellence and creating professional forte. Needless to emphasize, among the frontiers of mentors or guides for such students, it's difficult to identify the best one. Among these frontiers, the name that stands lofty is PENTAGON, having established credentials for providing coaching to engineering & medical aspirants and various other national & international level competitive examination related to science and mathematics.

Within a short span of its establishment, PENTAGON has emerged as an epitome for science aspirants in the transformation of their dream into reality of professional quest & career growth gaining an edge over other competitors. It's essential for the students having tutelage when they are on the verge of making a career choice and vouch to an authentic & reliable institute like PENTAGON. At PENTAGON we provide high qualified & experience faculty members, quality study material, guiding inputs, testing platform, comprehensive performance analysis reports and adapt to demonstrative teaching methodology preparing students for competitive entrance examinations.

PENTAGON is currently producing highest number of IIT'ians, Doctors & Researchers. The results of PENTAGON are laudable to science aspirants who are looking for a mentor to guide them through his dream realisation of becoming an Engineer or a Doctor.

I extend my best wishes to those aspirants who have shown their intent to pursue their academic odessey with passion.

Best Wishes,  
**SHRI RAJENDRA KORI**  
Director PENTAGON



# VISION

Our vision is to provide commendable preparatory courses to Engineering and Medical aspirants that enrich the learning experience within a conducive & healthy environment.



# MISSION

The mission of PENTAGON is to help the Engineering & Medical aspirants in achieving their goals through a range of courses that stimulate self-regulated learning, develop analytical & logical skills and transform aspirants into global leaders. To accomplish our mission, we:

- ▶ Implement diverse types of course-related support such as collaborative learning, adaptive assessment and healthy peer groups.
- ▶ Boost the confidence of students to emerge as successful global leaders.
- ▶ Identify the weaknesses of the students and turning it into strengths.
- ▶ Have the best pool of administrators and faculty members who are highly qualified and experienced.
- ▶ Foster a sense of collaborative learning amongst students.



# VALUES

The values that underpin PENTAGON vision and mission are :

- ▶ Collaborative learning
- ▶ Integrated approach
- ▶ Student-friendly environment
- ▶ Knowledge as the biggest asset
- ▶ Professionalism, excellence , honesty, integrity and accountability.





# Why the PENTAGON ?

A student joins coaching institute with a goal and at PENTAGON, we make sure that every student's reaches his/her goal, by providing them the best possible resources. There is not one reason why a science aspirant should join PENTAGON but many.  
So let's find it out here :



## Best Faculty Members

We have the best pool of faculty members who are IIT'ians & Doctors & Researchers in their respective subjects. Besides their high qualification & great professional experience, all the faculty members are passionate about teaching and making the students learn in a logical way.

## Rigorous Testing

Once a topic is finished in the class, the students are tested to check if they have understood the concept. Besides topic-wise tests, we conduct major tests and mock tests. Attempting various formats of tests helps the students to gain confidence & get familiar with the exam pattern.



## Adaptive Assessment

Following the tests, students are provided a detailed assessment report through which they get to know their strengths and weaknesses. Understanding the weak points, they work harder with the help of faculty members and strengthen their concepts to perform well in future.

## Quality Study Material

Our comprehensive and quality study material is prepared by our faculty members and is updated regularly as per the examination pattern notified by exam conducting bodies. Our study material not only covers competitive examination curriculum but also school/board curriculum.



## Personalized Coaching

Knowing the fact that not every student follows the same pattern & pace of learning, we help the students through personalized coaching. Our faculty members are readily available for every student to sit with them for long hours and make them learn in a way they are able to grasp well.

## Innovative Teaching Methodology

Unlike traditional approach of teaching where students sit in a classroom, a teacher teaches using board, we at PENTAGON believe in innovative teaching methodology. Experiments are performed in the classroom to help the students learn applications of concepts in real-life.









-  Innovative Teaching-Learning Procedure
-  Real Time Learning
-  Improves Productivity in Class
-  Face to Face Interaction laced with Computer Aided Learning
-  Hands on Advanced Technological Tools
-  Teaching Aid Resources
-  Targets Multiple Intelligence
-  Technical Inputs through Videos
-  Increases Teacher Effectiveness



## PENTAGON APP with AI (Artificial Intelligence)

### Benefits of PENTAGON APP

-  Online Exam Analysis
-  Check the student attendance any day, any time
-  Student Weekly and Monthly Performance
-  Daily Lectures and Exam Schedule
-  Access all Subjects Video Lectures
-  Check your Fees Details any time, any where





# FOUNDATION BUILDER with ROBOTICS

## Foundation With Robotics

For Students  
Studying in  
Class VII to X

We at PENTAGON are strongly motivated and dedicated to develop the inquisitiveness and curiosity in children into vision. Foundation Builder Program is the first step towards nurturing the young minds in our country. The basic foundation of proficiency in science and maths lies in the clarity of concepts which diligently attempt to develop in them with clear understanding. Students get an opportunity to learn these subjects from highly qualified and experienced faculty, who make these subjects more interesting and easier to comprehend. Moreover, learning at PENTAGON is a delightful experience due to exposure to experiential learning and modern teaching methodology. We help our students think out-of-the-box, a skill set which is indispensable to succeed at competitive exams in future.

## Say HELLO to the future with AI (Artificial Intelligence) !

- Enhances critical thinking & problem solving skills
- Encourages creativity & innovation Provide a fun &
- engaging learning experience Prepares for the future
- of work Helps kids learn to deal with failure Helps
- kids learn & understand coding better
- 



Why students prefer to join PENTAGON Foundation Builder  
with ROBOTICS Program...!



Precise and exhaustive training for Competitive Exams as well as School Exams



Qualified and Experienced Faculty



Extensive Study Material



Practical and Project Mentoring



Doubt solving Session



Making students Techno-savvy





# Competitive Examinations At A Glance

The following is a list and overview of the several competitive exams we train students for.

	IMO/NSO	NSEJS	HBVBS	RMO	NMTC	IPM	Ganit Pravinya Pradnya	NEMC (Prabhutwa)	Silver Zone
ELIGIBILITY	I-XII	VIII & IX (as per age criteria)	IX	VIII-XII	VII-X	II-IX	VIII	VIII	VII-X
SYLLABUS	Syllabus mentionel on SOF website	NCERT IX, X & XI PCMB	PCB of VIII & IX From SSC Board	Pre College Math Up to Class XII Geometry Number Theory Algebra Combinatorics	Algebra Geometry Number theory Group Theory Combinatorics	Textbooks, Model test papers published by the Conducting Body	60% Mathex Book, 20% Text Book of VIII 20% advance level	5th to 7 std. & upto 1st semester of 8th Ganit Prabhutva Book of std. 8th	Syllabus mentioned on Silver Zone Website
EXAM PATTERN	50Q divided into 4 Sections	80 Q 240 Marks, M-20, P-20, C-20, B-20	Level-I 100Q PCB-90 Marks GK-10 Marks Level - II Practical Exam Level-III Project & Interview	Written Test 6-7 Problems	Level-I 30Q Level-II 50Q	Level-I 40Q 100 Marks Level-II (Mega Final) 15Q 30 Marks	100 Marks Subjective Paper	Level-I 100 Marks Level-II 100 Marks	50 Q 100 Marks
EXAM DURATION	1 Hour	2 Hour	90 Minutes	3 Hour	Level-12 hours Level-II 3 hours	Level-I, 1 Hour Level-II 45 Mins	3 Hours	Level-I 3 hours Level-II 2 hours	1 Hour
TENTATIVE EXAM DATE	IMO Nov'21/Dec'21 NSO- Nov'21/Dec'21	Nov'21	Level-I Oct'21 Level-II Dec'21 Level-III Feb'22	Pre-RMO: Aug'21 RMO- Oct'21	Level-I Sept'21 Level-II Nov'21	Level-1 Apr'21 Mega Final Sept'11	Pravinya Dec'21 Pradnya Feb'22	Level 1 - Dec'21 Level 2 - Feb'22	Dec/Nov

# MEDICAL

Your passion to serve people, critical thinking and working diligently under pressure can present a plethora of career options for you. If aforementioned qualities are merged with compassion and the understanding of the pain of others, medicine is definitely an ideal career path for you. Medicine is a career that offers opportunities to improve people's health and save lives.

PENTAGON provides Pre medical training for NEET entrance Examination.

So, if you think you have that quest to serve people, then choose Medicine as a career

**Std.  
XI & XII  
NEET &  
NEET Repeater**

## About NEET Exam

The Central Government has established the National Testing Agency to conduct entrance examination for admission/fellowship in higher educational institutions. The responsibility of NTA is limited to the conduct of the entrance test NEET (UG), declaration of result and providing All India Rank to the Directorate General of Health Services, Ministry of Health and Family welfare, Government of India for counselling of 15% All India Quota Seats of Deemed Universities Central Universities/ESIC & AFMC including Delhi University (DU), BHU & AMU and providing the result to the State Counselling Authorities and admitting Institutions.

### Admission to all seats of MBBS/BDS will be done through NEET (UG)

Following are the seats available under different quotas

- » All India Quota Seats
- » State Government Quota Seats
- » State/Management/NRI Quota seats in private Medical / Dental / Colleges or any
- » Private University
- » Central Pool Quota Seats.

### Entrance Test Date

National / Eligibility Cum Entrance Tests NEET (UG) is usually conducted in week of May. The duration of the test will be three 03 hours.

### Pattern of NEET

For further details about NEET (UG) please visit the official website [www.ntaneet.nic.in](http://www.ntaneet.nic.in)

## CAREER CHOICES

### Bachelor of Medicine Bachelor of Surgery (M.B.B.S)

- » Most Popular & respectable profession
- » 4.5 years program plus 1 year internship
- » Physicians diagnose & treat the daily & miscellaneous illnesses of human body
- » Other Medical & Paramedical Courses like BAMS, BHMS, BUMS, Physiotherapy, Nursing etc.

### Bachelor of Dental Surgery (B.D.S)

- » Popular choice in medicine field
- » 4 years program plus 1 year internship
- » Performs surgery of teeth or jaw bones

# List of Government Medical Colleges in MAHARASHTRA

No.	Name of College	District
1	Grant Medical College Mumbai	Mumbai City
2	Seth GS Medical College	Mumbai City
3	Topiwala National Medical College	Mumbai City
4	Lokmanya Tilak Medical College Mumbai	Mumbai City
5	HBT Medical College	Mumbai City
6	Rajiv Gandhi Medical College Thane	Thane
7	Govt Medical College Baramati	Pune
8	BJ Govt Medical College Pune	Pune
9	Govt Medical College Nagpur	Nagpur
10	Indira Gandhi Govt Medical College Nagpur	Nagpur
11	Govt Medical College Aurangabad	Aurangabad
12	Govt Medical College Miraj	Sangli
13	Dr Vaishampayam Memorial Govt Medical College	Solapur
14	MG Institute of Medical Sciences Wardha	Wardha
15	Swami Ramanand Tirth Rural Medical College	Beed
16	Shri Bhausaheb Hire Govt Medical College Dhule	Dhule
17	Dr Shankarrao Chavan Govt Medical College	Nanded
18	Shri Vasant Rao Naik Medical College	Yavatmal
19	RCSM Govt Medical College	Kolhapur
20	Govt Medical College Latur	Latur
21	Govt Medical College Akola	Akola
22	Govt Medical College Chandrapur	Chandrapur
23	Govt Medical College Jalgaon	Jalgaon
24	Govt Medical College Nandurbar	Nandurbar
25	Govt Medical College Alibag	Raigad
26	Govt Medical College Satara	Satara
27	Govt Medical College Sindhudurg	Sindhudurg
28	Govt Medical College Parbhani	Parbhani
29	Govt Medical College Ratnagiri	Ratnagiri
30	Govt Medical College Osmanabad	Osmanabad
31	Govt Medical College Gondia	Gondia

and many more medical colleges are coming.



## List of AIIMS (All India Institute of Medical Science)

No.	Name of College	State
1	AIIMS Delhi	New Delhi
2	AIIMS Jodhpur	Rajasthan
3	AIIMS Bhubaneswar	Odisha
4	AIIMS Rishikesh	Uttarakhand
5	AIIMS Patna	Bihar
6	AIIMS Bhopal	Madhya Pradesh
7	AIIMS Raipur	Chhatishgarh
8	AIIMS Raebarely	Uttar Pradesh
9	AIIMS Nagpur	Maharashtra
10	AIIMS Mangalgiri	Andhra Pradesh
11	AIIMS Gorakhpur	Uttar Pradesh
12	AIIMS Bibinagar	Telangana
13	AIIMS Bathinda	Punjab
14	AIIMS Kalyani	West Bengal
15	AIIMS Deoghar	Jharkhand
16	AIIMS Rajkot	Gujarat
17	AIIMS Guwahati	Assam
18	AIIMS Vijaypur	Jammu
19	AIIMS Bilaspur	Himachal Pradesh
20	AIIMS Madurai	Tamil Nadu

and many more medical colleges are coming.

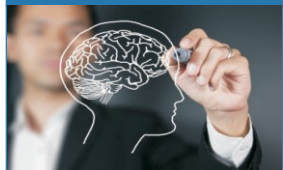
# ENGINEERING

For Student of  
**XI & XII**  
**JEE Advanced**  
**JEE Main**  
**MHT-CET**

## Why Engineering?

A degree in engineering can open many professional avenues and guarantee the beginning of a stellar career. Engineering is a very broad field that offers dozens of specialization opportunities.

### Intellectually challenging



### Broader Career Opportunities



### Build and Improve Processes



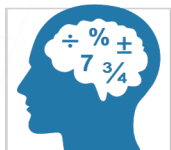
### Gain Practical Skills



## Why IIT's?

- ▶ The IIT's are the most elite and finest institutions for engineering in our country, reputed for their quality of engineering education, world-class infrastructure & top-class faculty. |
- ▶ IIT's are premier institutes of India conferred with the status of Institutions of National Importance. |
- ▶ IIT's are renowned worldwide for their quality of teaching and internationally acclaimed research, excellent infrastructure and for producing the best brains in the country. |
- ▶ During placement season, the best companies flank the IIT's campus offering handsome packages and top-notch positions. |
- ▶ The IIT's open the portals to a plethora of options for higher studies and the most coveted jobs.

## Skills Required for Engineering



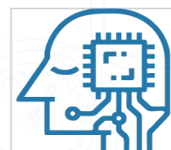
**An aptitude for Mathematics**



**Ability to think creatively**



**Drive and Determination**



**Ability to think Logically**

## Preparation for JEE @ PENTAGON

- ▶ PENTAGON has been consistently producing best results of MHT-CET, JEE & NEET in Maharashtra
- ▶ Faculty Pool of IIT'ians and Researchers |
- ▶ Exhaustive and well-researched study materials |
- ▶ Highly competitive peer group |
- ▶ 24x7 availability of doubt Facility.

## MHT-CET

The Government of Maharashtra has established State Common Entrance Test Cell. The CET Cell conducts various entrance exams for Admission to Professional courses in the state of Maharashtra, India.

Its primary purpose is to facilitate the admission process for Professional courses such as Engineering, Management, Pharmacy, Agriculture, law, Medical, AYUSH & Fine Arts .

## Under Graduate Courses through MHT-CET

**BE/B.Tech | B. Arch. | B.HMCT | B.Planning | B.Pharm/Pharm D | B. Design | DHMCT  
B.PHARMACY ( Practice) | Direct Second Year Degree In Engineering  
Direct Second Year Degree In Pharmacy**

# JEE-JOINT ENTRANCE EXAMINATION

**Joint Entrance Examination (JEE) is a Computer based exam, conducted in two steps**

- » Step 1-JEE Main Twice a Year-January & April)
- » Step 2-JEE Advanced (Once Only-May, for students who qualify)  
(JEE Mains)

## JEE Main

- » This screening exam is conducted twice in a year (Jan & Apr) and only those students who qualify in this examination are allowed to appear for JEE Advanced (the next stage)
- » Gateway for Engineering aspirants to 31 NITs, 23 IITs, 20 GFTIs
- » Single choice objective paper (MCQ) and Numerical Value Integer Type with equal weightage given to Physics, Chemistry and Mathematics
- » Duration of the paper is 3 hours (online/CBT)
- » Marking Scheme : Objective type (+4, -1) Integer Type (+4,0)
- » For more details kindly visit <http://jeemain.nic.in>

## JEE Advanced

- » This is the second stage of entrance test for administration to IIT's, IISc, IIST, for students who qualify JEE Main
- » Only Top 2, 45, 000 successful candidates of JEE Main are eligible
- » Conducted by the seven zonal IITs-IIT Bombay, IIT Delhi, IIT Guwahati, IIT Kanpur, IIT Kharagpur, IIT Madras and IIT Roorkee
- » Two Objective Online papers, each of three hours duration with equal weightage given to physics, Chemistry, Mathematics
- » The JEE Advanced exam is held every year tentatively in the 3rd week of May
- » For more details kindly visit <http://www.jeeadv.iitb.ac.in/>

## JEE Main

Duration : 3 hours

Mode : Online

Paper Type : Objective Type + Integer Type (PCM)

Date : Twice a year  
Between: first week of Jan to 3rd week of Jan and  
First Week of April to 3rd week of April

## JEE Advanced

Duration : 6 hours (3+3)

Mode : Online

Paper Type : Two Objective Paper (PCM) 3hrs each

Date : 3rd Sunday of May (Online)  
(tentatively)

Top 2.45 Lakh selected students will qualify to give JEE Advanced

For admission to IIT's, NIT's, IIIT's and GFTI's will be on participation through Central Seat Allocation Board (CSAB) on the basis of All India Rank (AIR) in JEE Advanced (for IIT's), JEE Main (for NIT's, IIIT's & GFTI's), subject to the condition that the candidate should have secured at least 75% marks in the 12<sup>th</sup> class examination, or be in the top 20 percentile in the 12<sup>th</sup> class examination conducted by the respective Boards.





## List of IITs (Indian Institute of Technology) in INDIA



*IITs are acknowledged to be the most prestigious engineering institutes in the country and are usually ranked above other engineering colleges.*

No.	Name of College	State
1	INDIAN INSTITUTE OF TECHNOLOGY Kharagpur	West Bengal
2	INDIAN INSTITUTE OF TECHNOLOGY Bombay	Maharashtra
3	INDIAN INSTITUTE OF TECHNOLOGY Madras	Tamil Nadu
4	INDIAN INSTITUTE OF TECHNOLOGY Kanpur	Uttar Pradesh
5	INDIAN INSTITUTE OF TECHNOLOGY Delhi	Delhi
6	INDIAN INSTITUTE OF TECHNOLOGY Guwahati	Assam
7	INDIAN INSTITUTE OF TECHNOLOGY Roorkee	Uttarakhand
8	INDIAN INSTITUTE OF TECHNOLOGY Ropar	Punjab
9	INDIAN INSTITUTE OF TECHNOLOGY Bhubaneswar	Odisha
10	INDIAN INSTITUTE OF TECHNOLOGY Gandhinagar	Gujarat
11	INDIAN INSTITUTE OF TECHNOLOGY Hyderabad	Telangana
12	INDIAN INSTITUTE OF TECHNOLOGY Jodhpur	Rajasthan
13	INDIAN INSTITUTE OF TECHNOLOGY Patna	Bihar
14	INDIAN INSTITUTE OF TECHNOLOGY Indore	Madhya Pradesh
15	INDIAN INSTITUTE OF TECHNOLOGY Mandi	Himachal Pradesh
16	INDIAN INSTITUTE OF TECHNOLOGY Varanasi	Uttar Pradesh
17	INDIAN INSTITUTE OF TECHNOLOGY Palakkad	Kerala
18	INDIAN INSTITUTE OF TECHNOLOGY Tirupati	Andhra Pradesh
19	INDIAN INSTITUTE OF TECHNOLOGY Dhanbad	Jharkhand
20	INDIAN INSTITUTE OF TECHNOLOGY Bhilai	Chhattisgarh
21	INDIAN INSTITUTE OF TECHNOLOGY Dharwad	Karnataka
22	INDIAN INSTITUTE OF TECHNOLOGY Jammu	Jammu and Kashmir
23	INDIAN INSTITUTE OF TECHNOLOGY Goa	Goa



## List of NITs (National Institute of Technology) in INDIA

NITs are among the premier institutes for technical studies after the IITs. More significantly, they fall into the category of top-ranked engineering colleges in India. NITs also offer a high level of education and lots of career opportunities.



No.	Name of College	State
1	NATIONAL INSTITUTE OF TECHNOLOGY, Warangal	Telangana
2	NATIONAL INSTITUTE OF TECHNOLOGY, Bhopal	Madhya Pradesh
3	NATIONAL INSTITUTE OF TECHNOLOGY, Nagpur	Maharashtra
4	NATIONAL INSTITUTE OF TECHNOLOGY, Durgapur	West Bengal
5	NATIONAL INSTITUTE OF TECHNOLOGY, Jamshedpur	Jharkhand
6	NATIONAL INSTITUTE OF TECHNOLOGY, Karnataka	Karnataka
7	NATIONAL INSTITUTE OF TECHNOLOGY, Srinagar	Jammu & Kashmir
8	NATIONAL INSTITUTE OF TECHNOLOGY, Allahabad	Uttar Pradesh
9	NATIONAL INSTITUTE OF TECHNOLOGY, Surat	Gujarat
10	NATIONAL INSTITUTE OF TECHNOLOGY, Calicut	Kerala
11	NATIONAL INSTITUTE OF TECHNOLOGY, Rourkela	Odisha
12	NATIONAL INSTITUTE OF TECHNOLOGY, Jaipur	Rajasthan
13	NATIONAL INSTITUTE OF TECHNOLOGY, Kurukshetra	Haryana
14	NATIONAL INSTITUTE OF TECHNOLOGY, Tiruchirappalli	Tamilnadu
15	NATIONAL INSTITUTE OF TECHNOLOGY, Hamirpur	Himachal Pradesh
16	NATIONAL INSTITUTE OF TECHNOLOGY, Silchar	Assam
17	NATIONAL INSTITUTE OF TECHNOLOGY, Jalandhar	Punjab
18	NATIONAL INSTITUTE OF TECHNOLOGY, Patna	Bihar
19	NATIONAL INSTITUTE OF TECHNOLOGY, Raipur	Chhatishgarh
20	NATIONAL INSTITUTE OF TECHNOLOGY, Agartala	Tripura
21	NATIONAL INSTITUTE OF TECHNOLOGY, Arunachal Pradesh	Arunachal Pradesh
22	NATIONAL INSTITUTE OF TECHNOLOGY, Delhi	Delhi
23	NATIONAL INSTITUTE OF TECHNOLOGY, Goa	Goa
24	NATIONAL INSTITUTE OF TECHNOLOGY, Imphal	Manipur
25	NATIONAL INSTITUTE OF TECHNOLOGY, Meghalaya	Shilong
26	NATIONAL INSTITUTE OF TECHNOLOGY, Mizoram	Mizoram
27	NATIONAL INSTITUTE OF TECHNOLOGY, Nagaland	Nagaland
28	NATIONAL INSTITUTE OF TECHNOLOGY, Puducherry	Puducherry
29	NATIONAL INSTITUTE OF TECHNOLOGY, Sikkim	Sikkim
30	NATIONAL INSTITUTE OF TECHNOLOGY, Uttarakhand	Uttarakhand
31	NATIONAL INSTITUTE OF TECHNOLOGY, Andhra Pradesh	Andhra Pradesh

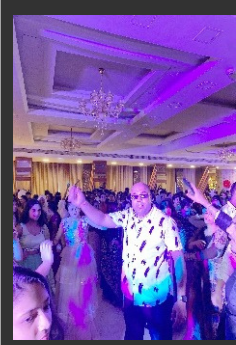






# GLIMPSE OF

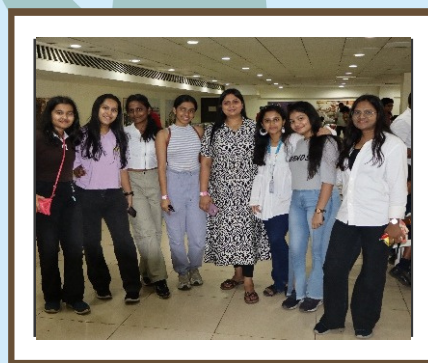
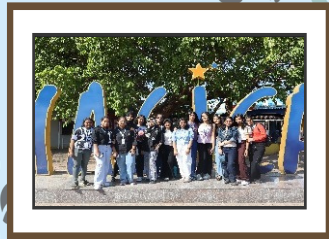
# Diwali Celebration & Orientation





# GLIMPSE OF

# IMAGICA PICNIC

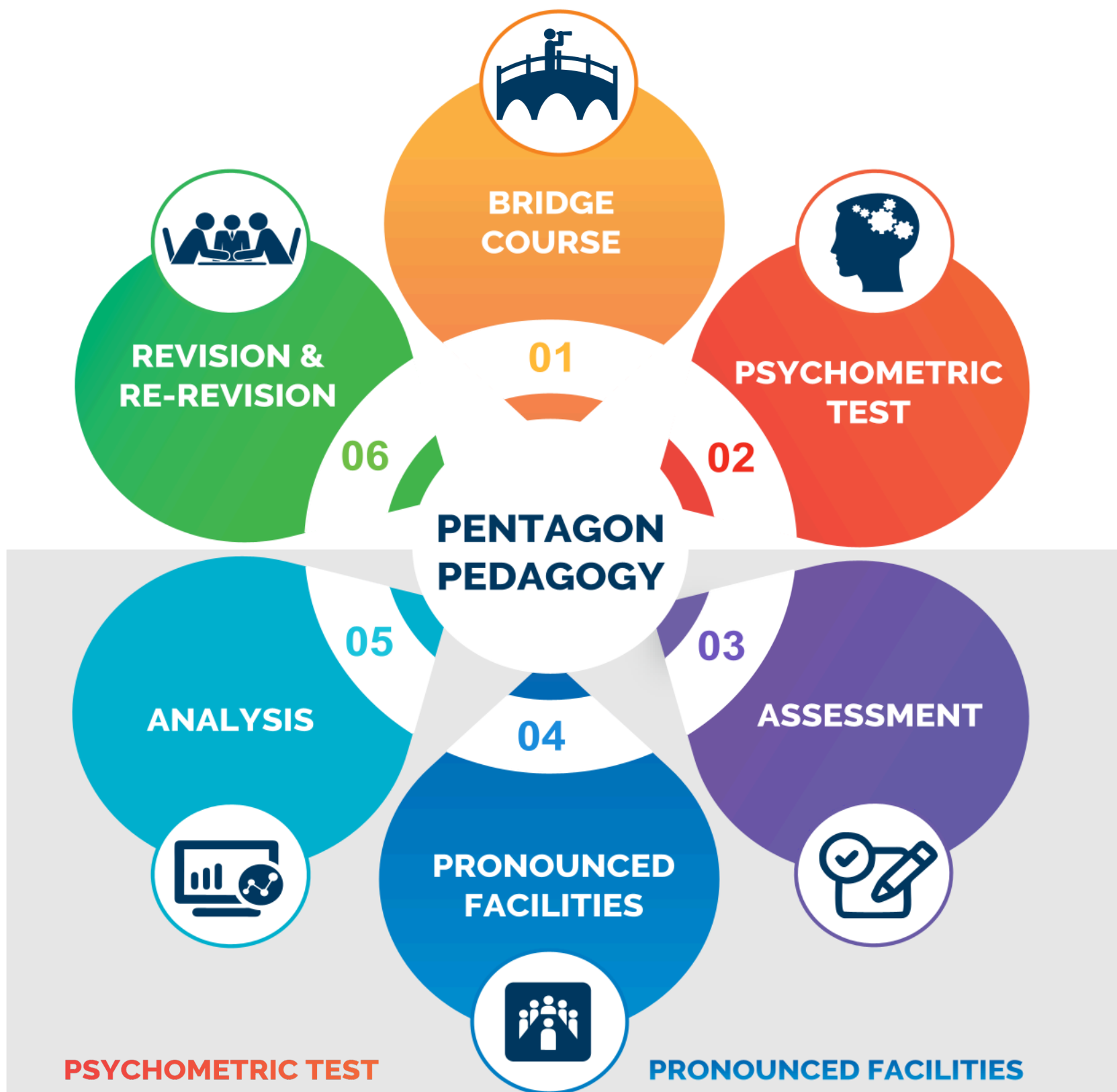




# GLIMPSE OF MAGIC-MOUNTAIN







### PSYCHOMETRIC TEST

- Career Counselling
- Guidance

### ASSESSMENT

- Topic wise/Periodic/Full tests (Offline +Online)
- Real Time Assessment

### ANALYSIS

- Result Analysis
- SWOT Analysis

### PRONOUNCED FACILITIES

- Experienced Faculties
- Small Batch Size
- Integrated Courses (CBSE/HSC/ISC)
- Module (with structure, content, Illustrations & assessment sheets)
- CBSE Practise Test
- Day-wise /Structural Planning
- Doubt Clearing sessions \*24/7 Online Support

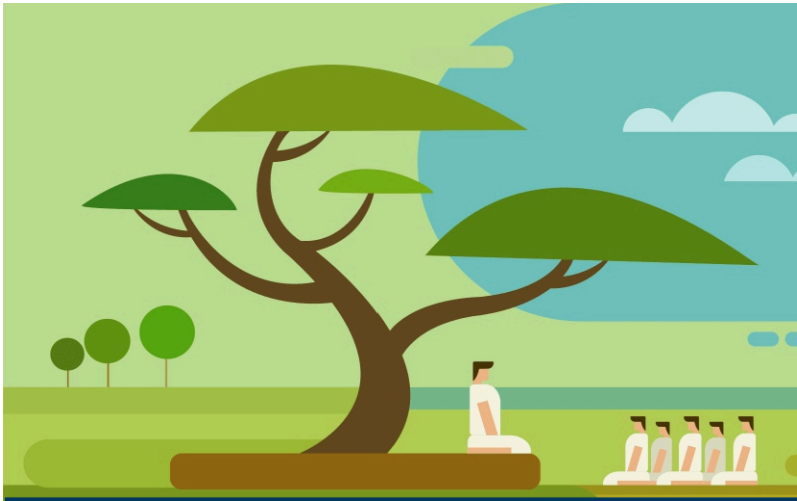


# BRIDGE COURSE

“The future belongs to those who prepare for it today”

- ▶ Ex-IITains & Doctors as Faculty
- ▶ Innovative Teaching Methodology
- ▶ Best and Updated Study Material
- ▶ Interactive Class Lectures
- ▶ 1-1 Doubt Clearing Session
- ▶ Regular Testing of Progress

**ONLY FOR CLASS 10 STUDENTS**



# GURUKUL SYSTEMS

Ancient system of education GURUKUL ages back to around 5000 BC in India. During Vedic age in India students used to get knowledge of different subjects and also about life in Gurukul, it's a concept of education wherein participants called as sishyas reside with the teacher or the guru or Acharya as part of their family. Indian education system of gurukul was so strong that it was considered to be the pillar of its togetherness and rulers from outside from Mughals to British tried to break it so that they can rule the land. In gurukul system students used to study Vedas along with getting knowledge about many activities based skills. Guru not only educated the students about subject knowledge but they also make them a responsible person who is aware of all his responsibilities and duties towards his family as well as society

## The objectives of the education through GURUKUL SYSTEM

- ▶ Self-control & Focus : These Are The Key Factors In Development Of An Individual.
- ▶ Development Of Character: This Helps In Converting All Negativity Into Positive Thoughts
- ▶ Generation Of Sociability Or Social Awareness: You Learn Your Responsibility Towards Society.
- ▶ Integral Development Of Personality: Which Emerges From The Synthesis Of Seven Traits – Psychology, Needs, Interests, Attitude, Temperament, Aptitude And Morphology
- ▶ Propagation Of Purity: Your Self Confidence Helps You Achieve This
- ▶ Preservation Of Knowledge And Culture

Gurukul System Adapted By Pentagon Institute Operates In A Similar Manner. Its Very Important To Gain Knowledge And Become A Scholar, Live a stress free Life , Perform their duties towards family , Society And The Nation.

## GURUKUL SYSTEM INCLUDES.

- ▶ **FOUNDATION BATCH** : Building a strong foundation in the key factor in growth of any individual , Pentagon institute works on making the foundation very strong. We at Pentagon run a special programme for school section which does not rely only on THEORETICAL knowledge but on practical knowledge like Projects, Science competition, Quiz Competition etc.
- ▶ TEACHING CET, IIT-JEE AND MEDICAL ASPIRANTS IN A STRESS FREE ENVIRONMENT.

How Pentagon teaching is stress free ?

- ▶ Our experienced faculties make students learn the subject in an easy way by using working models , involvement of students in any learning procedure makes them interactive
- ▶ **Our daily schedule in GURUKUL SYSTEM.**

Subject 1	08.00 am- 10.30 am
Subject 2	11.00am – 01.30pm
Lunch Time	01.30pm – 02.30pm
Doubt Session	02.30pm – 04.00pm
Self Study Library	04.15pm – 06.00pm

**Gurukul System helps  
your child to stay away from  
social media distraction**





# RESULTS OF JEE MAINS

**2025** (JANUARY ATTEMPT)

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5



**1<sup>st</sup>**  
**Divesh Khatwani**  
99.84%ile



**2<sup>nd</sup>**  
**Siddhant Gujar**  
99.59%ile



**3<sup>rd</sup>**  
**Mohnish Modi**  
98.39%ile



**PRATHMESH DHAGE**  
98.14%ile



**DAKSHIT GAWADE**  
97.98%ile



**FAHA ANSARI**  
97.47%ile



**IREESH PATIL**  
97.45%ile



**ABHISHEK PATIL**  
98.30%ile



**BILAL KAZI**  
97.41%ile



**KARTIK PATIL**  
97.27%ile



**RUSHABH NAGARE**  
97.05%ile



**AKANKSHA DESHMUKH**  
96.94%ile



**YASH BHULCHANDANI**  
96.70%ile



**SUJAL PINGALE**  
96.59%ile



**JIDNESH PAWAR**  
95.75%ile



**DIVYA WAGHULE**  
95.62%ile



**HRISHIKESH PATIL**  
95.29%ile



**ABDULLA KABADI**  
95.19%ile



**CHANDAN MISHRA**  
95.03%ile



**VINAY HIRE**  
94.53%ile



**MANIT GALANI**  
94.40%ile



**KARTIK JAWRANI**  
93.15%ile



**SHAIKH JUMED**  
92.97%ile



**SAMEER SABLE**  
92.87%ile



**ARYAN PUROHIT**  
92.70%ile



**MANAS DESHMUKH**  
91.67%ile



**SAKSHI TAMBE**  
91.35%ile



**PRANJAL PATIL**  
91.00%ile



**OMKAR DESHMUKH**  
90.04%ile



**TIYA GANGWANI**  
90.03%ile

**and many more...!**

# RESULTS OF NEET

# 2024

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680



**PRIYANSHU CHAMOLI**

**J. J. Medical College Mumbai**

667



**ARTH SHAH**

**GMC Wardha**

657



**JUNAID ANSARI**

**GMC Dhule**

655



**Kedar Ramchandani**

**K. J. Somaiya**

654



**Nandini Negi**

**GMC Ambernath**

645



**Aditya Verma**

**GMC Buldhana**

643



**Pratham Gandhi**

**GMC Solapur**

639



**Jay Ghongade**

**GMC Nandurbar**

636



**Abu Sufiyan Khan**

**GMC Washim**

631



**Sanika Nimbalkar**

**GMC Gadchiroli**

624



**Ali Momin**

**GMC Jalna**

621



**Aatique Ansari**

**GMC Akola**

613



**Yazdan Ansari**

**GMC Akola**

611



**Siddhi Patil**

**GMC Solapur**

606



**Prashant Mishra**

**BAMS Sion**

603



**Israr Sayyed**

**GMC Jalna**

601



**Advika Sinha**

**VIMS Palghar**

600



**Sanskar Mhatre**

**G. S.Hapur**

**and many more....!**



# RESULTS OF JEE

## CHAMPIONS OF JEE - 2024



**Riham Doshi**

IIIT, Bangalore



**Anay Mufay**

COEP, Pune



**Anushka Sinha**

IIIT, Pune



**Soham Mahale**

IIT, Bhilai



**Om Yadav**

MIT, Nagpur



**Shrushti Patil**

COEP, Pune



**Nilesh Sharma**

IIIT, Nagpur



**Vaibhav Pandivade**

COEP, Pune

*and many more Students in Prestigious Engineering Colleges...!*

### JEE Advanced



**AIR 93\***  
**Drivit Samani**

### JEE Mains



**Mains 99.55% CET: 98.95%**  
**Nikhil Kung**



**Mains 98.66% CET: 98.85%**  
**Dhanay Patil**



**IIITDM Kancheepuram**  
**Dikshant Ubale**

### NEET RESULT 2023



**625**  
**Vishal Choudhary**



**610**  
**Nitanshu Agarwal**



**GMC Usmanabad**  
**Ataurrahman Siddique**



**MBBS - Amravati**  
**Vaishnavi Nagare**



**GMC Aurangabad**  
**Asutosh Kamble**

RESULTS  
2024

RESULTS  
2023



# RESULTS



**JATIN TARACHANDANI**  
IIIT – HYDERABAD : CSE  
JEE MAINS %ile – 99.9458  
JEE ADVANCED – AIR 514



**VARUN GOHIL**  
IIT GOA  
MECHANICAL



**AARYAMAN GARG**  
IIT DELHI  
RANK - 447



**SATYAJIT RAY**  
JEE MAIN  
AIR - 762\*



**ROSHAN MATHEW**  
IIT CHENNAI  
RANK – 1853



**SHUBHAM VYAS**  
IIT MADRAS  
M. TECH, AEROSPACE ENGINEERING  
RESEARCH ASSISTANT AT IIT MADRAS



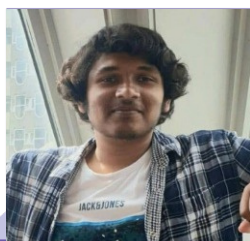
**YASH DABHOLKAR**  
IIT Kanpur  
Rank 2960



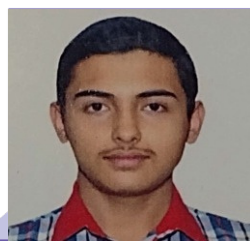
**ABHINAV VERMA**  
Mechanical IIT Guwahati  
IIT 3035



**AMITAVA CHAKRABARTI**  
JEE ADVANCED  
AIR - 5869  
BITS - 382/ 450



**SHASHWAT**  
Chemical Engineering  
IIT Chennai



**HRISHABH**  
VJTI Comp Science  
Cet Percentile 99.67



**SALONI SHIVDASANI**  
Software Engineering  
University of Texas



**HIMANSHU LAL**  
IIT – BHUVANESHWAR – CSE  
RANK : 10802



**UWAIS SYED**  
BIOLOGY TOPPER : 352/360  
YEAR - 2021



**SUJAY KHAMRAI**  
MARKS : 640/720  
BIOLOGY : 350/360  
MBBS - GOVERNMENT MEDICAL COLLEGE NAGPUR



**MEGHA HAZARIKA**  
649/720  
MBBS- AIIMS KALYANI

## OTHER TOPPERS

- Dhawal Pandey (IIT Bombay),
- Krishna Pandey (IIT Bombay),
- Arpit Verma (IIT Bombay),
- Vinayak (IIT Bombay),
- Vedant KashiKar(AIIMS Delhi)
- Chatrik Mangat (Studying BITS Hyderabad)
- Ankit Pandey ( IIT KGP)
- Sanika Khadkikar(Studying BITS Hyderabad)
- Abhishek A Deshmukh (NIT S)
- Karan Mehrotra( Purdue University USA)
- Miten Shah (IIT Indore)
- Prasanna T (IIT B)
- Pankaj Pathak ( Berlin University)
- Sharda Bakshi (Bits Hyderabad)
- Amey Varhade (IIT Guwahati)
- Shridhar Bagal (IIT R)

# ADMISSION CRITERIA

## Direct Admission

We have a set percentage criterion for each course. Students scoring 90% or above in Physics, Chemistry and Mathematics/ Biology or rank 1, 2 or 3 in IX Final Exam or X Prelims can get direct admission. Students who qualify for direct admission criteria can also appear for Scholarship-Cum-Entrance Exam to avail a scholarship

## Scholarship-Cum-Entrance Exam: Pi-SAT(PENTAGON Institute Scholarship cum Admission Test)

PENTAGON Scholarship Test is an opportunity for the students to prove their aptitude for admission in desired course at PENTAGON. It is also considered as a Litmus test to know whether a student is fit for Engineering or Medical domain. Through this exam, students intellect and aptitude is measured, on the basis of which they get admission into desired course at PENTAGON.

## Objective of Pi-SAT

Objective of conducting Pi-SAT is to identify students with the right aptitude and potential to pursue their career in either Engineering and Medical domain and support financially by awarding scholarships to the deserving candidates.

## Benefits of appearing in Pi-SAT

- Students can put their aptitude and problem-solving skills to test & stand a good chance of earning scholarship through Pi-SAT.
- A free counselling session at PENTAGON to help the students make an informed decision in regards to their respective career path.
- Since Pi-SAT is conducted across India, students get a chance to compete with the best in their respective peer group.
- Appearing in competitive exam keeps alive the competitive spirit and participatory learning.





# SCIENCE

## PCMB (PHYSICS, CHEMISTRY, MATHS BIOLOGY)

- B.Sc in DAIRY TECHNOLOGY
  - M.B.A
- BACHELOR in PHARMACY
  - M.B.A
  - MASTER in PHARMACY
- B.TECH in AGRICULTURE
  - M. TECH in AGRICULTURE
  - M.B.A
- B.Sc in BIO-TECHNOLOGY
- B.Sc in AGRICULTURE

## PCB (PHYSICS, CHEMISTRY, BIOLOGY)

- B.A.M.S.
- B.H.M.S.
  - M.S.
  - M.D.
- M.B.B.S.
  - B.D.S.
  - M.D.S.
- B.Sc (BOTANY, MICROBIOLOGY, ZOOLOGY, CHEMISTRY, ETC)
  - M.Sc
  - B.V.SC.
  - B.Sc HOME SCIENCE
  - M.Phil/PH D
- DIPLOMA IN NURSING
  - B.Sc NURSING

## PCM (PHYSICS, CHEMISTRY, MATHS)

- N.D.A
  - NAVY
  - ARMY
  - AIRFORCE
- B.ARCH.
- BACHELOR OF PLANNING & DESIGN
- B.TECH.
- B.E.
  - DIRECT 2<sup>ND</sup> YR ENGINEERING DIPLOMA
  - B.C.S/ B.Sc./ B.C.A
    - M.B.A./ M.C.A./ M.C.M./ M.S.C.
  - FILM & TELEVISION DIPLOMA (FTII)
  - HOTEL MANAGEMENT DEGREE

- I.E.S. EXAM
  - JOB in RAILWAY & PUBLIC SECTOR
  - MERCHANT NAVY
  - ENGINEER
- M.E.
  - TEACHER/ENGINEER
- M.B.A.
  - Government Contractor (Civil/Electrical)
  - M.P.S.C. U.P.S.C. Exam
  - Defence Direct Entry
  - Navy/Airforce
- M.S.
- M.TECH.

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## HEAD OFFICE (KALYAN)

203, Shubhlaxmi Shopping Center, Above Chintamani Jewellers, Cha. Shivaji Maharaj Chowk, Agra Road, Kalyan West – 421 301

Mob.: +91 99300 99305

## BRANCH OFFICE (KOLHAPUR)

A/1/27, CSN 517, PENTAGON INSTITUTE, Pl. No. 24, next to APEX HOSPITAL, Shivaji Park, Kolhapur, Maharashtra 416001

Mob.: +91 77 33 88 66 27

## BRANCH OFFICE (BHIWANDI)

202, 2nd Floor, City Center, Wada Road, Dhamankar Naka, BHIWANDI – 421302

Mob.: +91 779 786 786 2

## BRANCH OFFICE (ULHASNAGAR)

Sadashiv Premises, 1st Floor, Block No. C-7, Room No. 26, Near Bhojwani Tower, Ulhasnagar - 421002

Mob.: +91 99677 88396

SCAN QR CODE FOR MAP



KALYAN



KOLHAPUR



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