

SpeEdLabs

# FOUNDATION CLASSES

## CAREER INFORMATION BROCHURE

A parent's guidebook to help your child  
achieve academic excellence.



**Metro-quality Coaching, Now at Your School!**

# Table of Contents

This is a comprehensive guide for parents of aspiring engineers and doctors. In the pages ahead, we've carefully curated information that will assist you in supporting your child's journey towards success. From understanding the various career paths to navigating the exam landscape and crafting effective study strategies, this brochure serves as your go-to resource. You will gain insights into the value of the SpeEdLabs Foundation courses and determine whether they are the right fit for your child's academic needs.

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# Student Journey

## Build a successful career

Engineer / doctor / scientist / CA / teacher / civil servant / lawyer / entrepreneur etc.

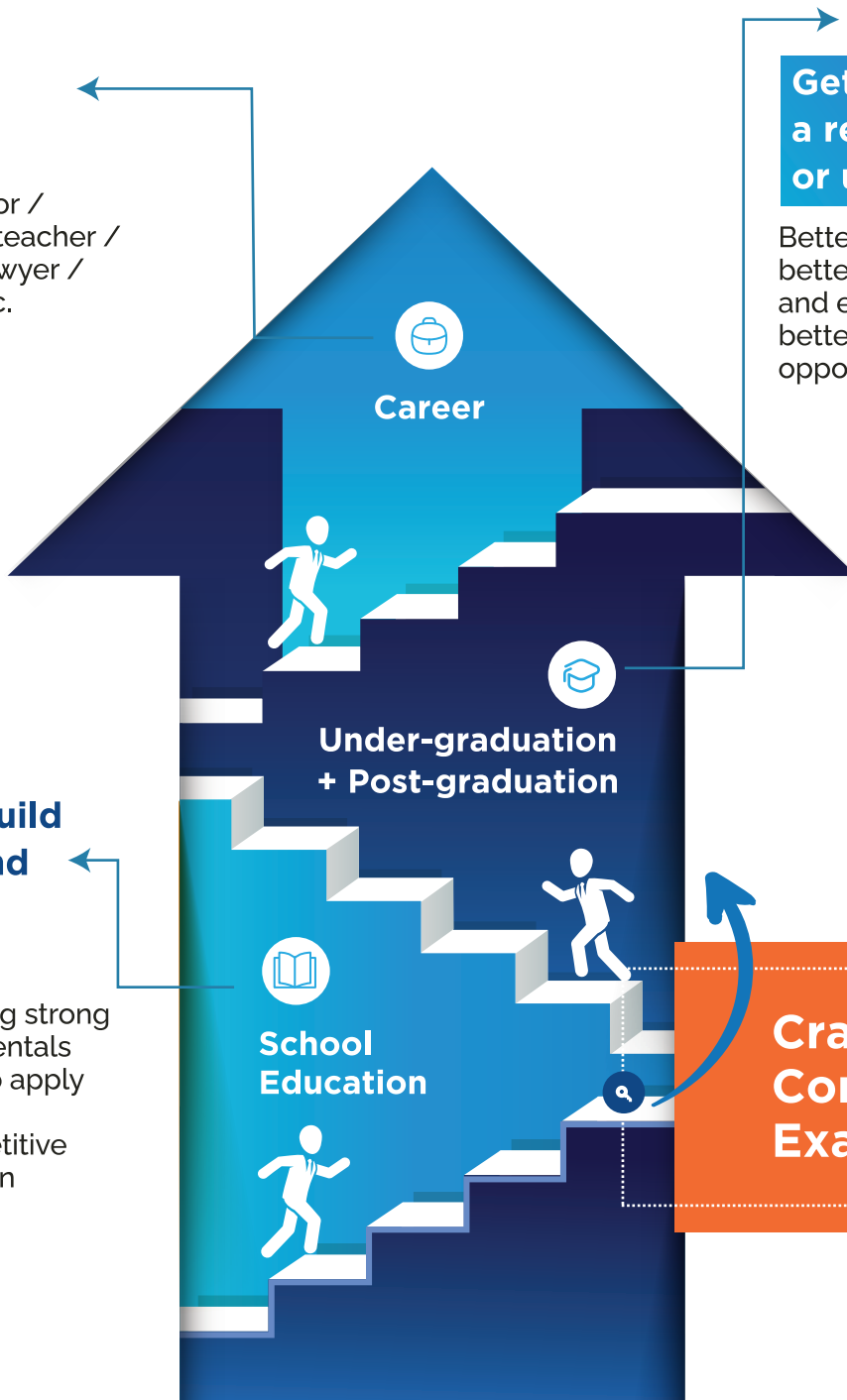
## Get into a reputed college or university

Better the college -> better the learning and exposure -> better the career opportunities

## Learn and build character and intelligence

In Grades 6-10 :  
Focus on building strong subject fundamentals and the ability to apply  
In Grades 11-12 :  
Focus on competitive exam preparation

## Crack Competitive Exams



# Career Pathways

## Commerce

**Finance:** Work in banking, investment, or financial analysis (B.Com, MBA Finance, CFA).

**Accounting:** Become a certified accountant or auditor (B.Com, CA/ICWA).

**Marketing:** Explore roles in advertising and market research (BBA, MBA Marketing).

**Economics:** Analyze economic trends and policies (B.A Economics, M.A Economics).

**Civil Services\*:** Prepare for the Indian Civil Services Examination (IAS, IPS, IFS).

*\*Also applicable for Science/Humanities*

## Science

**Engineering:** Pursue careers in various engineering disciplines (B.Tech, M.Tech).

**Medical:** Become a doctor, surgeon, or medical researcher (MBBS, MD/MS).

**Nursing:** Pursue a career in nursing, healthcare, or nursing education (B.Sc Nursing, M.Sc Nursing).

**Pure Science:** Explore fields like physics, chemistry, and biology (B.Sc, M.Sc).

**Architecture:** Design and build structures and spaces (B.Arch, M.Arch).

**Statistics:** Analyze data and make data-driven decisions (B.Sc Statistics, M.Sc Statistics).

## Humanities

**Social Sciences:** Study sociology, psychology, or anthropology (B.A Sociology, M.A Psychology).

**Languages and Literature:** Pursue careers in writing, translation, or teaching (B.A English, M.A Literature).

**History and Culture:** Work in museums, cultural organizations, or research (B.A History, M.A Cultural Studies).

**Law:** Become a lawyer or legal expert (LLB, LLM).

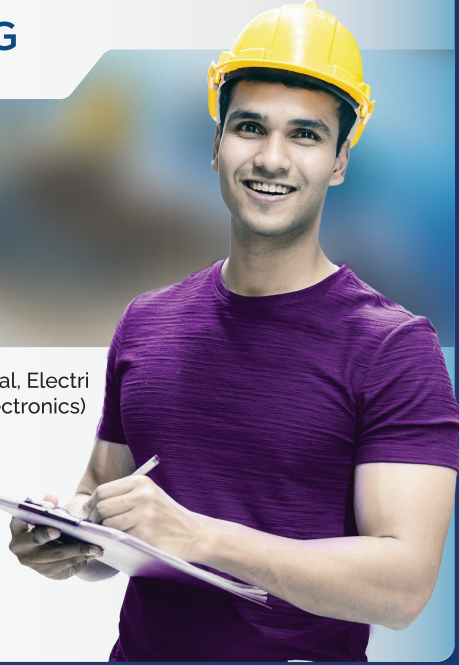
**Philosophy and Ethics:** Explore philosophy or ethics-related careers (B.A Philosophy, M.A Ethics).

**Study communication:** Journalism, or media studies to pursue careers in journalism, public relations, advertising, or media production (B.A Communication, M.A Journalism).



# Careers & Job Opportunities

## ENGINEERING



- Engineer (Civil, Mechanical, Electrical, Computer Science, Electronics)
- Research Scientist
- Technical Consultant
- Software Developer
- Aerospace Engineer
- Automobile Engineer
- Robotics Engineer

## MEDICAL



- Doctor (MBBS)
- Dentist (BDS)
- Medical Researcher
- Radiologist
- Medical Practitioner
- Medical Researcher
- Surgeon
- Medical Officer

## MANAGEMENT



- Business Analyst
- Marketing Manager
- Financial Analyst
- Human Resource Manager
- Operations Manager
- Management Consultant
- Entrepreneur

## LAW



- Lawyer
- Legal Consultant
- Corporate Counsel
- Judge
- Legal Analyst
- Legal Advisor

## ARCHITECTURE



- Architect
- Urban Planner
- Interior Designer
- Landscape Architect
- Construction Manager
- Building Surveyor

## DESIGN



- Industrial Designer
- Graphic Designer
- UX/UI Designer
- Product Designer
- Design Manager
- Design Educator

## FASHION DESIGN



- Fashion Designer
- Fashion Merchandiser
- Textile Designer
- Fashion Illustrator
- Retail Buyer
- Stylist

## HOTEL MANAGEMENT



- Hotel Manager
- Chef
- Event Manager
- Hospitality Consultant
- Food & Beverage Manager
- Front Office Manager

# Competitive Entrance Exams INDIA

India has a robust system of competitive entrance exams for admission to higher education institutions. These exams are conducted for various fields, including engineering, medical sciences, law, management, and more. Here are some of the key competitive entrance exams in India:

## ENGINEERING

### Engineering Entrance Exams:

- › Joint Entrance Examination (JEE) Main: For admission to undergraduate engineering programs at NITs, IITs, and other centrally funded technical institutions.
- › JEE Advanced: For admission to the Indian Institutes of Technology (IITs).

### Medical Entrance Exams:

- › National Eligibility cum Entrance Test (NEET): For admission to undergraduate medical and dental courses in government and private colleges.
- › JIPMER (Jawaharlal Institute of Postgraduate Medical Education and Research) Entrance Exam: For admission to MBBS and other medical courses at JIPMER.

## MEDICAL

### Central University Entrance Test (CUET):

- › Central University Entrance Test (CUET), for admission to different programmes of the participating Central Universities

### Law Entrance Exams:

- › Common Law Admission Test (CLAT): For admission to undergraduate and postgraduate law programs in National Law Universities (NLUs) and other participating institutes.
- › Law School Admission Test (LSAT): Accepted by various law schools for admission to law programs.

### Management Entrance Exams:

- › IPMAT - IIM Indore Integrated Program in Management Aptitude Test : To pursue management courses after class 12 from IIMs and other top institutes across the country, you should appear for the Aptitude entrance exams like IPMAT

### Architecture Entrance Exams:

- › Joint Entrance Examination (JEE) B.Arch: For admission to undergraduate architecture programs.

### National Institute of Fashion Technology (NIFT) Entrance Exam:

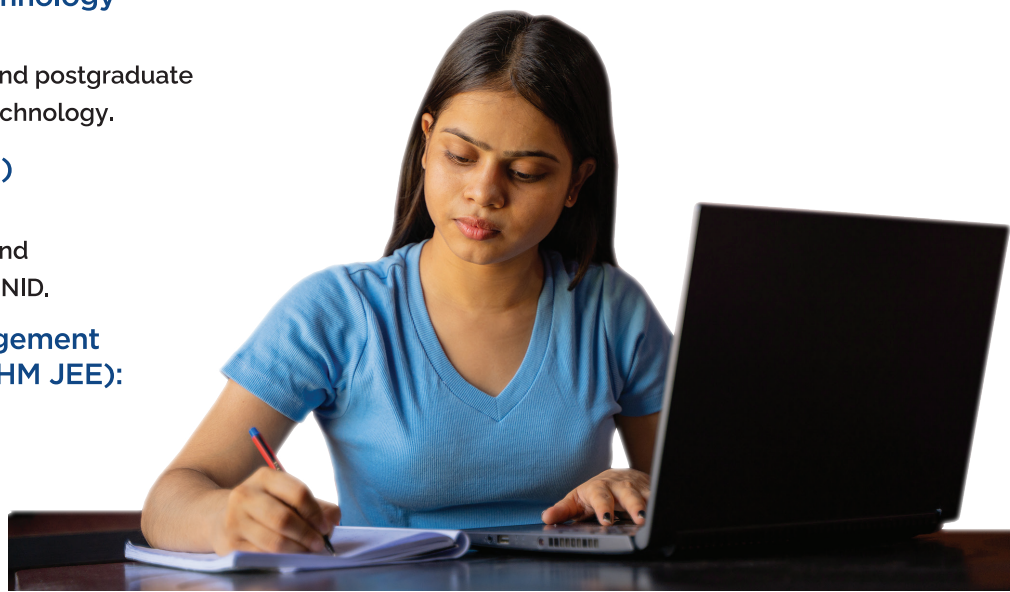
- › For admission to undergraduate and postgraduate programs in fashion design and technology.

### National Institute of Design (NID) Design Aptitude Test (DAT):

- › For admission to undergraduate and postgraduate design programs at NID.

### National Council for Hotel Management Joint Entrance Examination (NCHM JEE):

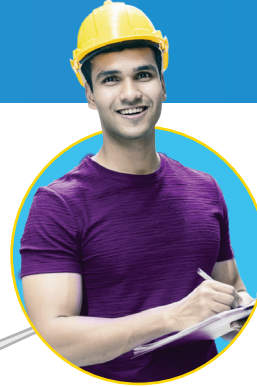
- › For admission to undergraduate hotel management programs.



# Engineering



## Engineering Pathway



Becoming a professional engineer

Graduation in chosen engineering field



College enrollment



Counseling for college selection



Competitive exam (JEE Mains/Advanced)



Preparation in high school + **Foundation**



# Top Engineering Colleges in India

S.No.	Name	City	State
1.	Indian Institute of Technology Madras	Chennai	Tamil Nadu
2	Indian Institute of Technology Delhi	New Delhi	Delhi
3	Indian Institute of Technology Bombay	Mumbai	Maharashtra
4	Indian Institute of Technology Kanpur	Kanpur	Uttar Pradesh
5	Indian Institute of Technology Kharagpur	Kharagpur	West Bengal
6	Indian Institute of Technology Roorkee	Roorkee	Uttarakhand
7	Indian Institute of Technology Guwahati	Guwahati	Assam
8	Indian Institute of Technology Hyderabad	Hyderabad	Telangana
9	National Institute of Technology Tiruchirappalli	Tiruchirappalli	Tamil Nadu
10	Indian Institute of Technology Indore	Indore	Madhya Pradesh
11	Indian Institute of Technology (BHU) Varanasi	Varanasi	Uttar Pradesh
12	Indian Institute of Technology (Indian School of Mines)	Dhanbad	Jharkhand
13	National Institute of Technology (NIT) Surathkal	Surathkal	Karnataka
14	National Institute of Technology (NIT) Rourkela	Rourkela	Odisha
15	National Institute of Technology (NIT) Warangal	Warangal	Telangana
16	Birla Institute of Technology & Science (BITS), Pilani	Pilani	Rajasthan
17	Birla Institute of Technology & Science (BITS), Pilani	Hyderabad	Telangana



IIT Madras



IIT Delhi



IIT Mumbai



IIT Kanpur



IIT Kharagpur

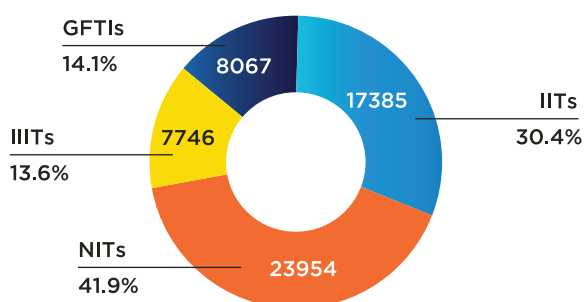
# Seats & Placements in Top Engineering Colleges



## IITs : Seats and Placements

IITs	Seats
IIT Bhilai	243
IIT Bhubaneswar	476
IIT Bombay	1356
IIT Delhi	1209
IIT (ISM) Dhanbad	1125
IIT Dharwad	310
IIT Gandhinagar	370
IIT Goa	157
IIT Guwahati	952
IIT Hyderabad	595
IIT Indore	480
IIT Jammu	280
IIT Jodhpur	550
IIT Kanpur	1210
IIT Kharagpur	1869
IIT Madras	1134
IIT Mandi	520
IIT Palakkad	200
IIT Patna	733
IIT Roorkee	1353
IIT Ropar	430
IIT Tirupati	244
IIT (BHU) Varanasi	1589
<b>Total</b>	<b>17385</b>

### JoSAA Seat Matrix 2023 : Category-wise seat Intake



The Indian Institutes of Technology (popularly known as IITs) are a group of premier engineering and technology institutes in India known for their high academic standards and rigorous admission process. The Indian Institutes of Technology are autonomous public technical universities located in various cities across India. They offer undergraduate, postgraduate, and doctoral programs in various engineering and technology disciplines.

- **High Placement Rates:** IITs typically have very high placement rates, often exceeding 90% or even 100%. This means that a significant majority of graduating students secure job offers before they complete their degrees.
- **Top Companies:** Leading Indian and multinational companies from various sectors, including technology, finance, consulting, manufacturing, and more, actively recruit from IITs. Some of the top recruiters include companies like Google, Microsoft, Tata Consultancy Services (TCS), Goldman Sachs, Amazon, Facebook, and McKinsey & Company, Adobe, Morgan Stanley, Qualcomm, Texas Instruments, and Boston Consulting Group (BCG), Intel, Samsung and Deloitte and many others.
- **Attractive Salary Packages:** Graduates from IITs often receive attractive salary packages. These packages can vary depending on the specific IIT, the academic program, the industry and the student's skills and qualifications. However, it's not uncommon for IIT graduates to receive significantly higher starting salaries compared to graduates from other institutions. Average salaries range from INR 15 to 25 lakhs per annum.

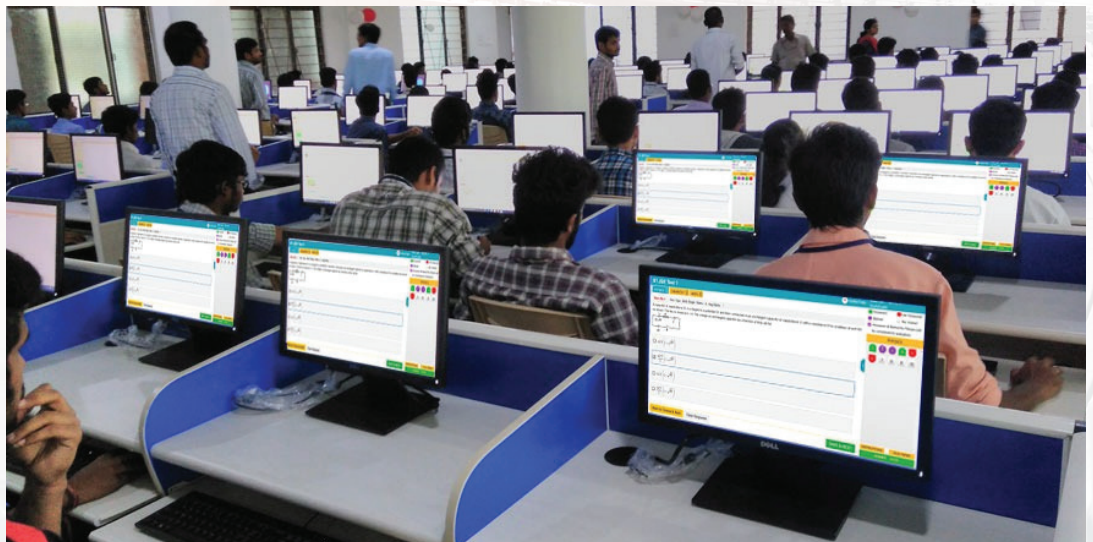
\*Seat Break up is based on the JoSAA 2023 Seat Matrix as released  
Source : josaa.nic.in

# Top Engineering Entrance Exams in India

If you aspire to be an engineer, you have to appear for pre-engineering examinations and various other examinations conducted by State Governments and private universities. These examinations are conducted at the national level and regional level by the National Testing Agency (NTA).

## Here are India's Top Pre-Engineering Examinations

S. No	Entrance Exams	Conducting Body
1.	JEE Main + Advanced	National Testing Agency (NTA)
2.	BITSAT	BITS Pilani
3.	MHTCET	State Common Entrance Test Cell, Mumbai
4.	COMEDK UGET	Consortium of Medical Engineering & Dental Colleges of Karnataka (COMEDK)
5.	AP EAMCET	JNTU Kakinada
6.	WBJEE	West Bengal Joint Entrance Examination Board



# What is the Percentile Score in IIT-JEE ?

Percentile scores are determined by comparing an applicant's performance to all other applicants who took the exam. It is neither a percentage score nor a raw score.

## Why are IIT-JEE Main results announced as percentiles instead of marks?

JEE Main score not only determines the JEE qualifying cut-off for JEE Advanced but also plays a vital role in JEE Main ranks; which is crucial for admission to NITs and various leading government engineering colleges.

As the JEE exam is conducted in two sessions, there may be a difference in difficulty level; therefore, normalisation is accepted in order to overcome this barrier. The NTA formula calculates a comparative score rather than the actual marks.

- NTA calculates a percentile score for chemistry, math, and physics based on the student marks.
- Each section's top score will be given a 100 percentile.
- The JEE Main merit list is also prepared using this percentile score.
- Percentile scores are calculated to seven decimal places to avoid ties.

JEE Main's final percentile is calculated only after normalization, which is not the actual mark of the candidates.

JEE Main score not only determines the JEE qualifying cut-off for IIT-JEE Advanced but also plays a vital role in JEE Main ranks; which is crucial for admission to NITs and various leading government engineering colleges.

## JEE Main Percentile Indicative Cut-off

The below table shows the category-wise JEE Main 2023 Cut-off of the NTA Score for JEE Advanced 2023 based on B.E./B. Tech (Paper 1).

Category	Minimum	Maximum
UR-ALL (General)	90 . 78	100
UR-PH (General - PwD)	0 . 001	90 . 76
EWS-ALL	75 . 62	90 . 78
OBC-ALL	73 . 61	90 . 78
SC-ALL	51 . 98	90 . 78
ST-ALL	37 . 24	90 . 78



## Medical Pathway



Becoming a Doctor

Graduation in chosen Medical field



Medical College enrollment



Counseling for college selection



Competitive exam (NEET UG)



Preparation in high school + **Foundation**



# Top Medical Colleges in India

S.No.	Name	City	State
1.	AIIMS, Delhi	Delhi	Delhi
2	MAMC, Delhi	Delhi	Delhi
3	VMMC, Delhi	Delhi	Delhi
4	ABVIMS (Dr RML Hosp), Delhi	Delhi	Delhi
5	UCMS, Delhi	Delhi	Delhi
6	JIPMER, Puducherry	Puducherry	Puducherry
7	GMC, Chandigarh	Chandigarh	Chandigarh
8	Lady Hardinge, Delhi	Delhi	Delhi
9	AIIMS, Bhubaneswar	Bhubaneswar	Odisha
10	AIIMS, Jodhpur	Jodhpur	Rajasthan
11	AIIMS, Bhopal	Bhopal	Madhya Pradesh
12	BJMC, Ahmedabad	Ahmedabad	Gujarat
13	Dr BSA MC, Delhi	Delhi	Delhi
14	NDMC MC, Delhi	Delhi	Delhi
15	AIIMS, Raipur	Raipur	Chhattisgarh



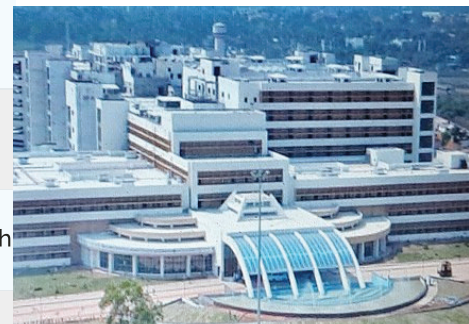
IIT Madras



JIPMER, Puducherry



MAMC, Delhi



AIIMS, Bhubaneswar



AIIMS, Jodhpur

# Top Medical Colleges Seats



## Medical : Seats and Placements

Medical College	Seats
AIIMS, Delhi	132
MAMC, Delhi	250
VMMC, Delhi	150
ABVIMS (Dr RMLH), Delhi	100
UCMS, Delhi	170
JIPMER, Puducherry	200
GMC, Chandigarh	150
Lady Hardinge, Delhi	200
AIIMS, Bhubaneswar	125
AIIMS, Jodhpur	125
AIIMS, Bhopal	125
BJMC, Ahmedabad	250
Dr BSA MC, Delhi	200
NDMC MC, Delhi	100
AIIMS, Raipur	125
AIIMS, Nagpur	125
KGMU, Lucknow	250
Med. College, Kolkata	250
AIIMS, Bathinda	100
IMS(BHU), Varanasi	100
AIIMS, Patna	125
AIIMS, Kalyani	125
AIIMS, Rishikesh	125
<b>Total</b>	<b>3602</b>

Source : NTA, NEET-UG 2023

The All India Institute of Medical Sciences (AIIMS) and Government Medical Colleges are esteemed institutions in India, renowned for their exceptional medical education, rigorous admission procedures, and distinguished standing in the healthcare domain. These establishments play a crucial role in molding the future of healthcare professionals within the country, and their influence extends beyond national boundaries.

### • Admission and Academic Excellence

AIIMS and Government Medical Colleges are independent public institutions located across various Indian cities. They are dedicated to providing top-quality education in the field of medicine and healthcare. Securing a place in these prestigious institutions is highly competitive, requiring aspiring medical students to successfully clear the National Eligibility cum Entrance Test (NEET). NEET assesses candidates' knowledge in subjects like physics, chemistry, biology, and their proficiency in English.

### • Distinguished Alumni and Global Acknowledgment

AIIMS and Government Medical Colleges have a rich history of producing accomplished alumni who have made significant contributions to the global field of medicine and healthcare. Many graduates have excelled in medical practice, research, and academia. Internationally, these institutions are acknowledged for their excellence in medical education and research. These medical graduates are highly sought after by healthcare institutions and research organizations, not only in India but also on a global scale. They have played a pivotal role in advancing medical science and healthcare practices worldwide.

### • Placements and Career Opportunities

The placements at the top medical colleges are highly competitive and prestigious, with several key aspects to consider:

**High Placement Rates:** These institutions boast impressive placement rates, with a significant majority of graduating medical students securing job offers even before completing their degrees. This reflects the exceptional quality of education and training provided.

**Top Healthcare Institutions:** Leading hospitals, healthcare organizations, and research institutes actively recruit graduates from these medical colleges. Esteemed institutions such as Apollo Hospitals, Fortis Healthcare, AIIMS Hospital, and various international healthcare facilities actively seek talent from these institutions.

**Competitive Salary Packages:** These graduates often receive lucrative salary packages. Salary offers can vary based on factors such as the specific institution, medical specialization, industry, and individual skills and qualifications. However, it is not uncommon for medical graduates from these institutions to command significantly higher starting salaries compared to graduates from other institutions. On average, salaries typically range from INR 10 to 30 lakhs per annum, depending on the specialization and employment location.

# About Pre-Medical Exam - NEET UG

The National Eligibility cum Entrance Test (Undergraduate), or NEET (UG), is a crucial examination for students aspiring to pursue undergraduate medical (MBBS), dental (BDS), and AYUSH (BAMS, BUMS, BHMS, etc.) courses in both government and private institutions across India. This includes those considering primary medical qualifications abroad.

Conducted annually by the National Testing Agency (NTA), NEET-UG is the only national-level entrance test acknowledged by the Supreme Court for MBBS admissions in India. It also serves as the only test for securing admission to BDS colleges nationwide. Recognized as one of the largest exams in India, NEET-UG is a mandatory step for students aspiring to a career in medicine.

Medical Courses	Seats
MBBS	1,04,333
BDS	27,868
AYUSH	52,720
BVSC	603
AH	681

Top 5 States	NEET Seats
Tamil Nadu	11,225
Karnataka	11,020
UP	9,253
Telangana	5,040
Andhra Pradesh	5,335

MCI & MoHFW	Seats
Gvt. MBBS Colleges	54,278
Private MBBS Colleges	50,135



AIIMS Delhi

# Important Dates

Exams	IIT-JEE Mains	NEET	CUET	UPSC Mains	NDA
Conducted by	Indian Institute of Technology-Joint Entrance Exam by NTA	National Eligibility cum Entrance Test by NTA	Central University Common Entrance Exams by NTA	Union Public Service Commission	National Defence Academy
Tentative Exam Date(s)	January & April 2025	May 2025	May 2025	last week of May or the first week of June 2025	April & September, 2025
Pattern	90 questions from all three subjects. The exam has 30 questions each from Physics Chemistry and Mathematics.  20 are multiple choice questions and 10 are questions with numerical value answer	Total of 200 multiple-choice objective-type questions,  Candidates are required to answer 180 MCQ	Objective type with Multiple Choice Questions - 100	Two papers in the Prelims exam, GS Paper 1 and CSAT, & 9 papers in the Mains exam,  1 Compulsory Indian Language, English,  Essay paper, GS 1, GS 2, GS 3, GS 4, Optional Papers 1 and 2.	Two papers-Maths and GAT  Both papers carry objective-type multiple-choice questions.  Maths paper carries 120 questions of 300 marks  GAT paper carries 150 questions for 600 marks
Eligibility	10+2 passed	10+2 with Physics, Chemistry & Biology  17 years age	Class 12 with a minimum of 50% marks	Degree, minimum of 21 years of age not more than 32 years	16.5 years and 19.5 years and have passed Class 12
Subjects	Physics Chemistry & Mathematics (PCM)	Physics Chemistry & Biology (PCB)	General Knowledge. Current Affairs. General Mental Ability. Numerical Ability. Quantitative Reasoning (Simple application of basic mathematical concepts arithmetic/algebra geometry/mensuration/stat taught till Grade 8)	Indian History and Culture, Geography, Polity and Governance, Economy, Science and Technology, Environment and Ecology, International Relations and Current Affairs	General Ability Test (GAT)  Mathematics & English
Official Web.Site	<a href="http://jeemain.nta.ac.in">jeemain.nta.ac.in</a>	<a href="https://neet.nta.nic.in/">https://neet.nta.nic.in/</a>	<a href="https://cuet.nta.nic.in/">https://cuet.nta.nic.in/</a> & <a href="https://www.nta.ac.in/">https://www.nta.ac.in/</a>	<a href="https://upsc.gov.in/">https://upsc.gov.in/</a>	<a href="https://nda.nic.in">https://nda.nic.in</a>

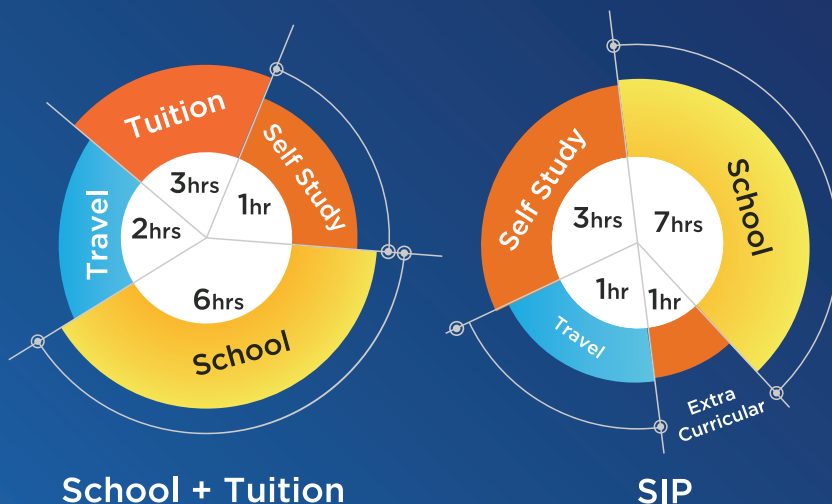
# Syllabus, Difficulty level & Preparation required

	JEE (Joint Entrance Examination)	NEET (National Eligibility cum Entrance Test)
Syllabus	<p><b>Subjects:</b> Physics, Chemistry, Mathematics.</p> <ul style="list-style-type: none"> <li>• Extensive coverage of 11<sup>th</sup> &amp; 12<sup>th</sup>-grade topics.</li> <li>• In-depth understanding of concepts, formulas and problem solving skills required.</li> </ul>	<p><b>Subjects:</b> Chemistry, Biology (Botany and Zoology).</p> <ul style="list-style-type: none"> <li>• Focus on topics from the 11<sup>th</sup> &amp; 12<sup>th</sup>-grade Biology curriculum.</li> <li>• Detailed knowledge of biology, chemistry, and physics concepts needed.</li> </ul>
Difficulty Level	<ul style="list-style-type: none"> <li>• Highly competitive and challenging.</li> <li>• Complex problem-solving and critical thinking skills are essential.</li> <li>• Requires strong fundamentals in Physics, Chemistry &amp; Mathematics.</li> </ul>	<ul style="list-style-type: none"> <li>• Competitive and demanding.</li> <li>• In-depth understanding of biology, chemistry, and physics concepts.</li> <li>• Application of knowledge in solving biology-based problems.</li> </ul>
Preparation Required	<ul style="list-style-type: none"> <li>• Comprehensive study plan covering the entire syllabus.</li> <li>• Regular practice of problem-solving and mock tests.</li> <li>• Coaching classes and self-study.</li> <li>• Strong time management skills.</li> </ul>	<ul style="list-style-type: none"> <li>• Thorough understanding of biology, chemistry, and physics concepts.</li> <li>• Extensive practice with sample papers and previous year's question papers.</li> <li>• Coaching or self-study with the help of reference books and study materials.</li> <li>• Effective time management and consistent study routine.</li> </ul>

## Why SIP ?

### School Integrated Program(SIP)

#### Students



#### Parents

- > No hassle in having to deal with different tuition teachers
- > Unavailability of structured Foundation programs
- > Accessible & Affordable to high-quality teaching
- > Safety & convenience for the child in their school

# Evidence of success with early start

## Evidence of Success by Starting Early

Starting early in preparation for exams like JEE and NEET provides several advantages, including a better understanding of concepts, reduced stress, and the development of strong problem-solving skills. It allows students to build a solid foundation and increases their chances of success in these highly competitive exams.

### Early Exposure to Concepts

- Starting early allows students to grasp fundamental concepts well in advance.
- Better understanding of core subjects such as physics, chemistry, and biology.



### More Time for Practice

- Early starters have an extended period for practicing and refining problem-solving skills.
- They can attempt a larger number of practice tests and questions.



### Reduced Stress Levels

- Early preparation reduces last-minute stress and anxiety.
- Students can approach exams with confidence and calmness.



### Strong Foundation

- Early learners build a stronger foundation enabling them to grasp advanced concepts.
- A solid foundation is crucial for success in competitive exams.



### Improved Time Management

- Early preparation instills effective time management skills.
- Students can efficiently balance academics with other activities.



### Higher Retention of Knowledge

- Concepts learned early are likely to be retained better.
- Long-term retention of knowledge is essential for exam success.



### Advanced Problem-Solving Skills

- Early starters tend to develop advanced problem-solving skills over time.
  - They become adept at tackling complex questions.



## Why Foundation SIP, Hybrid



Competitive Exams for UG Admissions



High Competition



Evidence of higher success with early start



Depth & difficulty of G11/12 syllabus



**Start Early with School-Integrated Foundation Program**

# SpeEdLabs IIT Honour Roll



Rucha Prabhu  
IIT Indore



Akshat Srivastav  
IIT Kharagpur



Aditya Padhi  
IIT Kanpur



Aryan Pradhan  
IIT Bombay



Kritika  
IIT Bombay



Hriday  
IIT Bombay



Avani  
IIT Madras



Aum Patel  
IIT Bombay



Aryaman  
IIT Surat



Ayushi Mahajan  
IIT BHU



Ayush  
IIT Bombay



Sejal Kotian  
IIT Indore



Shlok Mulye  
IIT Kharagpur



Jashmine Chaugule  
IIT Jodhpur



Nupur Jain  
IIT Kanpur



Akshitta Mittal  
IIT Indore



Kaushal Kirpekar  
IIT BHU



Mriganka Mitra  
IIT Kharagpur



Sonakshi Gupta  
IIT Indore



Snehargya  
IIT Bombay

# SpeEdLabs IIT-JEE/NEET Foundation

1

## Live classes from master teachers / Teaching resources for school teachers

Dedicated live, interactive classes by IIT-JEE/NEET master teachers along with teaching videos, interactive presentations and live practice sessions



## Foundation Books and Workbooks designed by team of IITians

High-rigor Coursebooks & Workbooks for Maths, Physics, Chemistry and Biology aligned to IIT-JEE/NEET syllabus

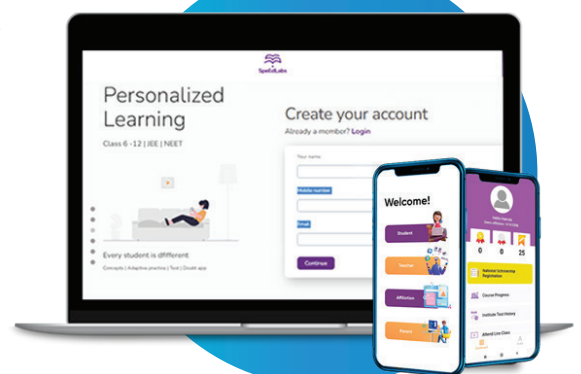
2



3

## AI-powered Self-Study and Doubt Solving App

Personalized Learning app with a large question repository, concept videos and notes etc. for revision, doubt solving & unlimited practice





#### 4 IIT-JEE/NEET pattern All-India Assessments

Half-yearly all-India exams, bi-monthly formative tests and weekly practice tests to regularly assess student's absolute and relative performance



#### 6 Round-the-year School Support

Support for successful program execution - Teacher training, academic planning, Master teacher - School teacher interactions, KDM connects, School reports etc

5

#### Comprehensive Student Progress & Performance Reports

Personalized monthly student reports with chapter-level analysis to understand areas of strength and areas of improvement



### 1400 hours of Dedicated Classes

Grades 6-8	Maths	40 min x 6-7*	300-350 hrs/yr
	Science	40 min x 6-7*	
Grades 9-10	Maths	40 min x 6-7*	400-450 hrs/yr
	Science	40 min x 6-7*	
Grades 11-12	Physics	1 hour x 6-7*	550-600 hrs/yr
	Chemistry	1 hour x 6-7*	
	Maths/Bio	1 hour x 6-7*	

Weekly Classes\*

### Assessments conducted through the year



**25+** Chapter /Weekly practice tests



**4** Formative assessments



**2** All-India Summative assessments

# Why SpeEdLabs IIT-JEE/NEET Foundation?

## SpeEdLabs Foundation SIP

## v/s Others

### Teaching Methodology and Faculty Quality:

*"Conceptual learning is the foundation of true knowledge, for it illuminates the path to understanding and innovation."*

SpeEdLabs coaching focuses on conceptual learning and developing critical thinking	Traditional players often rely on memorization and traditional teaching methods
It employs qualified faculty equally across all batches/schools as it is 1:1	They may have varying faculty quality across branches and batches

### Holistic Development and Stress-free Environment:

*"Holistic education nurtures not just the mind but also the soul; it's about creating well-rounded individuals, not just exam-takers."*

SpeEdLabs coaching emphasizes on providing holistic education, aiming for balanced success with equal focus on board/school syllabus and competitive exams	Traditional programs are entrance exam-centric with less to negligible focus on boards
Sports and other extracurricular activities can happen as per the school's prerogative to ensure a well-rounded development for the students	They can be high-pressure environments even from an early age, affecting the students' mental health

### Personal Attention and Support:

*"Personal attention is the key that unlocks a student's potential, for in the spotlight, they can truly shine."*

SpeEdLabs programs offer personalized attention and feedback with progress tracking	Traditional programs may have large class sizes and limited individual interaction, focusing largely on toppers
Doubt solving at an individual level is possible as the batch size is low/for 25 students	Doubt solving may not happen for each student as the strength is high

### Infrastructure and Accessibility:

*"Education should be a sanctuary of safety, where minds are free to explore, create, and flourish without fear."*

SpeEdLabs programs prioritize convenience, a secure environment & minimized commute	Traditional programs may require longer commutes and offer varying levels of convenience and safety
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### Personalized Learning with AI:

*"In the world of education, one size never fits all; it's our duty to tailor learning to the unique needs of every student."*

SpeEdLabs programs offer a unique advantage with an Artificial Intelligence-powered learning app which leverages data points to understand each student's needs	This app personalizes the learning journey for individual student levels, a feature not typically found in traditional programs
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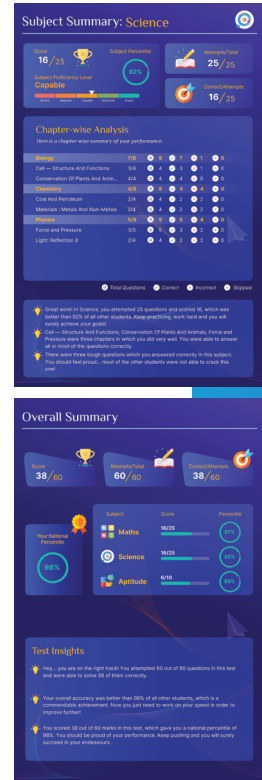
# SpeEdLabs SAT 2024 - A National Scholastic Test

## What is SpeEdLabs SAT?

SpeEdLabs (Foundation) Scholastic Aptitude Test is a pan-India exam designed to test students' conceptual understanding & aptitude for national-level competitive exams like NTSE, IIT-JEE, NEET, CUET

## Why Should Students Take This Test?

- ✓ Chance to win 100% scholarship for the SpeEdLabs Foundation Program
- ✓ Get a first-hand experience of giving a national-level competitive exam
- ✓ Get a detailed student report with subject-wise analysis of academic proficiency
- ✓ Check where you stand vs. students from the rest of the country



## Syllabus & Format

	Subject	Syllabus	Format	Duration
Grades 5-8	Mathematics	4 Chapters	25 MCQ	90 mins
	Science	6 Chapters	25 MCQ	
	General Aptitude	Verbal Ability Logical Reasoning Quantitative Aptitude	10 MCQ	
Grades 9-10	Mathematics	6 Chapters	35 MCQ	120 mins
	Science	9 Chapters	35 MCQ	
	General Aptitude	Verbal Ability Logical Reasoning Quantitative Aptitude	20 MCQ	
Grades 11-12	Mathematics	6 Chapters	35 MCQ	120 mins
	Science	8 Chapters	35 MCQ	
	General Aptitude	Verbal Ability Logical Reasoning Quantitative Aptitude	20 MCQ	

# SpeEdLabs

## FOUNDATION CLASSES

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for Classes 6 to 10

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