Engineering

Engineering is a stream of education that involves the application of Science, Technology and Mathematics to innovate, design, develop and maintain machines, structures, software, hardware and systems & processes. This field offers a range of career opportunities across all industries, making it one of the most sought after course pursued by students after Class XII, especially those from the Science stream.

Students planning to study Engineering in India can choose from nearly 100 specialisations, with Computer Science Engineering, Civil Engineering, Electronics Engineering, Electrical Engineering and Mechanical Engineering being some of the most popular ones.

According to a 2018-19 report of the All India Survey of Higher Education (AISHE) powered by the Ministry of Human Resource and Development (MHRD), Engineering is the third major stream with 37.70 lakh students enrolled at the undergraduate level. The share of male student enrolled in Engineering and Technology is 71.1 per cent where female enrolment is 28.9 per cent.

Eligibility for Engineering Courses

Courses	Eligibility
BE/BTech	Candidates must have passed the Class XII exam from a recognised board with Physics, Chemistry and Mathematics as core subjects
	They must also have secured minimum aggregate marks of 60 per cent in the above subjects combined
BTech Lateral Entry	Candidates must have passed a three-year Diploma granted by the Board of Technical Examination of a State Government, with minimum 45 per cent aggregate marks or equivalent
ME/MTech	Candidates who have completed their BE/BTech degree with a valid score in GATE are eligible for ME/MTech degree course
Diploma	Aspirants must have passed Secondary School Leaving Certificate (SSLC)/tenth standard/equivalent examination, with at least 35 per cent in Science and Maths

	subjects
PhD	Aspirants must have secured a minimum of 55 per cent marks or 5.5 CPI marks in BTech/MTech or equivalent degree in appropriate branches

Engineering Entrance Exams

Most of the engineering institutes in India select candidates for admission on the basis of entrance exam scores and ranks. While some technical institutes accept AIR (All India Ranks) secured in national level exams, and some conduct their own entrance exam. Here are some of the popular engineering exams in India at the UG and PG level.

UG	PG
JEE Main	
JEE Advanced	
BITSAT	GATE is one of the most popular postgraduate engineering entrance exam for admissions to MTech programmes in India
MHTCET	
VITEEE	
SRMJEEE	

Engineering Courses

Engineering programmes in India are offered at the undergraduate (UG), postgraduate and PhD level. Listed below are the types of engineering courses offered at various levels:

UG Courses	PG Courses	Doctoral Courses
BE/BTech		
BTech Lateral Entry	ME/MTech	PhD
Integrated/Dual degree		
Diploma		

Engineering Branches

Mechanical Engineering, Computer Engineering, Electronics Engineering, Civil Engineering and Electrical Engineering are the top five engineering streams according to MHRD's AISHE report. Besides these, there are numerous other engineering specializations/branches that candidates can choose from. Given below are some:

Aeronautical Engineering	Industrial Engineering
Aerospace Engineering	Marine Engineering
Automobile Engineering	Mechanical Engineering
Biomedical Engineering	Mechatronics Engineering
Biotechnology Engineering	Metallurgical Engineering
Ceramic Engineering	Mining Engineering
Chemical Engineering	Petroleum Engineering
Civil Engineering	Power Engineering
Communications Engineering	Production Engineering
Computer Science Engineering	Robotics Engineering
Construction Engineering	Structural Engineering
Electrical Engineering	Telecommunication Engineering
Electronics & Communication Engineering	Textile Engineering
Electronics Engineering	Tool Engineering
Environmental Engineering	Transportation Engineering

FAQs related to Engineering

Q. What is engineering?

A. Engineering is the application of science and mathematics for making properties of matter and the sources of energy in nature useful to people.

Q. What is a professional engineer?

A. Professional engineers are the ones who had completed the rigorous education, passed the final examination, and acquired the relevant experience. Only such engineers are permitted to offer engineering services to the public.

Q. What do engineers do?

A. Engineers take abstract ideas and apply science and mathematics to build products to meet the needs of mankind.

Q. What is the difference between science and engineering?

A. Science is knowledge based on observed facts and tested truths whereas Engineering is the creative application of scientific principles. Engineering is used to plan, build, direct, guide, manage, or work on systems to maintain and improve the daily lives of people.

Q. How many types of engineering specialities are there?

A. There are different types of engineering streams such as Aerospace, Agricultural, Biomedical, Chemical, Civil (General and Structural), Computer, Control Systems, Electrical and Electronics, Industrial, Manufacturing, Mechanical, Mining, Nuclear, and Petroleum.

Q. What are the major breakthroughs attributed to engineers in improving the quality of our everyday lives?

A. From the mass production of the automobile to space travel, Telephone, the Internet, and from bioengineered foods to clean water, engineers' expertise has improved the quality of our lives.

Q. Who was the world's first engineer?

A. Perhaps, Imhotep of Egypt was the first engineer as he built the Step Pyramid in 2250 BC.

Popular College/Universities for Engineering
All Locations

- 1 [IIT Bombay - Indian Institute of Technology](#)
- 2 [DTU - Delhi Technological University](#)
- 3 [IIT Delhi - Indian Institute of Technology](#)
- 4 [BITS Pilani - Birla Institute of Technology and Science](#)
- 5 [IIT Kharagpur - Indian Institute of Technology](#)
- 6 [Vellore Institute of Technology, Vellore](#)
- 7 [Anna University](#)
- 8 [IIT Roorkee - Indian Institute of Technology](#)
- 9 [NIT Trichy - National Institute of Technology](#)
- 10 [BHU - Banaras Hindu University](#)

Popular Engineering UG Courses in India

Following are the most popular Engineering UG Courses . You can explore the top Colleges offering these UG Courses by clicking the links below.

UG Courses

- [B.E. / B.Tech](#)

  4331 Colleges

- [UG Diploma](#)

  997 Colleges

- [B.Sc.](#)

  104 Colleges

- [B.Voc](#)

  68 Colleges

- [A.M.E.](#)

49 Colleges

MHT CET

MHT CET (or Maharashtra Common Entrance Test) is a common state level entrance exam conducted by the State Common Entrance Test Cell, Government of Maharashtra every year for admission to **undergraduate engineering**, pharmacy and agriculture courses such as B. ... Pharma offered at colleges in Maharashtra.

Particulars	Details
Duration of Exam	180 minutes (90 minutes for each section)
Type of Questions	Multiple Choice Questions
Total number of Questions	150 (50 questions for each subject)
Total Marks	**200 marks** (100 marks for each section)

[4 more rows](#)

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23-Nov-2021

MHT CET Exam Pattern 2022- State CET cell, Maharashtra will release the MHT CET 2022 exam pattern on the official website. The exam pattern of MHT CET 2022 includes details like mode, sections, duration, type of questions, total marks, marking scheme and much more. Students should also check [MHT CET syllabus](#).

Recommended: Check Your Admission Chances in Maharashtra Engineering colleges based on your MHTCET Rank & Category. [Click Here](#)

Latest: Apply to these TOP institutions with your JEE Main/ Class 12/ MHT CET score - [Check List here](#)

MHT CET 2022 Exam Pattern

Particulars	Details
Mode of Examination	Computer Based Test
Sections	There will be two sections- Section 1- Physics and Chemistry Section 2- Mathematics
Duration of Exam	180 minutes (90 minutes for each section)
Type of Questions	Multiple Choice Questions
Total number of Questions	150 (50 questions for each subject)
Total Marks	200 marks (100 marks for each section)
Language of Examination	• Mathematics will be in the English language • Physics and Chemistry will be in English/Urdu/Marathi
Marking Scheme	Physics & Chemistry - 1 mark will be awarded for every correct answer. Mathematics - 2 marks will be awarded for every correct answer. There will be no negative marking.

MHT CET 2022 Paper Pattern and Marking Scheme

Subject	Approximate number of questions		Marks per question	Total marks	Duration in minutes
	Class XI	Class XII			
Physics	10	40	1 mark	100	90 minutes
Chemistry	10	40			
Mathematics	10	40	2 marks	100	90 minutes

To check the detailed MHT CET Exam Pattern- Click Here

MHT CET Exam Pattern 2022- Key Points

- MHT CET 2022 will be conducted as a computer-based exam of 3 hours.

- The exam will have two sections- Physics & Chemistry and Mathematics.

- It must be noted that for first 90 minutes, only section 1 i.e. Physics & Chemistry will be active and after the completion of 90 minutes, the section will be automatically closed. After this, candidates will have to attempt the Mathematics section in the next 90 minutes.

- It means candidates will not be allowed to switch between sections.

- MHT CET 2022 will have multiple choice questions having 4 options out of which only one alternative/answer will be correct.

- There is no negative marking in the exam.

- MHT CET 2022 question paper will be prepared on the basis of the syllabus of Maharashtra State Board of Secondary and Higher Secondary Education.

- Approximately, 20% weightage will be given to 11th standard syllabus and 80% to 12th standard syllabus while setting the question paper.

- Candidates are advised to choose the medium/language of the exam carefully while submitting the MHT CET 2022 application form as the language selected at that time cannot be changed later.

MHT CET 2022 Syllabus

The authorities will release the MHT CET syllabus 2022. As mentioned above, questions in MHT CET 2022 will be prepared on the basis of Class 11th and 12th Syllabus. Candidates will have to focus on the entire syllabus of Class 12th for their MHT CET 2022 preparation while only some topics will be included from the Class 11th syllabus. Candidates must understand the MHT CET 2022 syllabus beforehand in order to study the right topics for the exam.

Frequently Asked Question (FAQs) - MHT CET Exam Pattern 2022 - Check Marking Scheme, Difficulty Level

Question: How many sections will MHT CET 2022 have?

Answer:

MHT CET 2022 will consist of two sections - Mathematics and Physics & Chemistry.

Question: What will be the difficulty level of MHT CET 2022?

Answer:

The difficulty level of the Mathematics section will be at par with the JEE Main exam. However, for Physics and Chemistry, the difficulty level will be at par with NEET.

Question: What is the weightage of Class 11th and 12th syllabus in MHT CET 2022?

Answer:

As per the MHT CET syllabus, 20% weightage will be given to Class 11th syllabus and 80% to Class 12th syllabus while setting the MHT CET question paper.

Question: What will be the total duration of MHT CET 2022?

Answer:

The total time duration of MHT CET 2022 will be 180 minutes (90 minutes for each paper).

Question: What is the marking scheme of MHT CET 2022?

Answer:

Candidates will be alloted 2 marks for each correct answer in Mathematics section. On the other hand, in the Physics and Chemistry section, 1 mark will be awarded for each correct answer. In addition to this, there will be no negative marking in MHT CET 2021.

Question: Which section will be active first in MHT CET 2022? Can I switch between the sections?

Answer:

The Physics & Chemistry section will be active for the first 90 minutes followed by Mathematics for the next 90 minutes. No, you will not be allowed to switch between the sections.

Question: What is MHT CET exam date 2022?

Answer:

MHT CET 2022 exam date will be notified soon.

JEE EXAM INFORMATION

The Joint Entrance Examination (JEE) is an **engineering entrance assessment conducted for admission to various engineering colleges in India**. It is constituted by two different examinations: the JEE Main and the JEE Advanced. ... These institutes do not participate in the post-examination counselling session (JoSAA).

JEE Main Eligibility Criteria 2022: National Testing Agency (NTA) will release the JEE Main 2022 eligibility criteria along with the official brochure. There are certain conditions and requirements that every JEE Main aspirant has to fulfill in order to be eligible for admission.

The eligibility criteria of JEE Main 2022 will consist of details that include educational qualification, age limit, nationality, marks obtained in class 12, compulsory subjects, etc. Candidates are advised to check the JEE Main 2022 eligibility criteria before applying for the

entrance exam. JEE Main 2022 will be conducted for admission into the undergraduate courses offered by the JEE participating institutes.

JEE Main 2022 Eligibility Criteria

Students are advised to check the eligibility criteria before filling out the JEE Main 2022 application form. Candidates failing to meet the eligibility criteria will be rejected at any stage of admission. As per the previous year's JEE Main eligibility criteria, 75% criteria is removed for NIT and IIIT admissions. NTA will release the JEE Main 2022 eligibility criteria along with the official notification at jeemain.nta.nic.in.

JEE Main Eligibility Criteria 2022

Particulars	Details
Qualifying exam	- Students should have passed the 12th class or qualifying the exam in 2020 or 2021. - Candidates appearing in 12th class or equivalent qualifying exams in 2022 can also apply.
Age Limit	No age limit to appear for JEE Main 2022 exam. Any student who has passed the 12th class or its equivalent exam in the year 2020, 2021, or appearing in 2022 can apply for the entrance exam.
Total number of attempts	Students can appear in the JEE Main exam for three consecutive years. The entrance test will be conducted four times a year.
Subjects	- B.E/B.Tech: He/She should have passed the qualifying exam with Physics, Mathematics, and any one of (Chemistry, Biology, Biotechnology, Technical Vocational Subject). - B.Arch: He/She should have passed the qualifying exam with Mathematics, Physics and Chemistry. - B.Plan: He/She should have passed the qualifying exam with Mathematics.

JEE Main 2022 Qualifying Exams

S. No	JEE Main Qualifying Exam 2022
1	The final exam (10+2 system), conducted by any recognized Central/ State Board, such as Central Board of Secondary Education (CBSE), New Delhi; Council for the Indian School Certificate Examinations (ISCE), New Delhi etc.
2	Intermediate or two-year Pre-University exam conducted by a recognized Board/ University.
3	The final exam of the 2 years course of the Joint Services Wing of the National Defence Academy
4	Senior Secondary School Examination conducted by the National Institute of Open Schooling having a minimum of five subjects.
5	Any Public School/ Board/ University examination in India or in any foreign country recognized as equivalent to the 10+2 system by the Association of Indian Universities (AIU)
6	Higher Secondary Certificate (HSC) Vocational Examination
7	A Diploma recognized by AICTE or a State board of technical education of a minimum of three years duration
8	General Certificate Education (GCE) examination (London/Cambridge/Sri Lanka) at the Advanced (A) level
9	High School Certificate Examination of the Cambridge University or International Baccalaureate Diploma of the International Baccalaureate Office, Geneva.

JEE Main 2022: State of Eligibility

Candidates will be needed to enter the state of eligibility during filling out the JEE Main 2022 application form.

JEE Main State of Eligibility 2022: Snippets

- The state code of eligibility does not depend upon the native place or the residence place of the candidate.
- If a student has passed the 12th class exam or equivalent exam from a state but they have appeared for the improvement/supplementary exam from a different state, then the state code where they passed the qualifying exam will be taken into account for eligibility.
- Students who have passed the 12th class exam or equivalent exam from NIOS have to choose the state of eligibility based on the state in which the study centre is located.
- For Indian nationals who have passed class 12th or equivalent from Nepal/Bhutan, the State code of eligibility will be given based on the permanent address in India as mentioned in the passport.
- The State code of eligibility of OCI/PIO passing the class 12 exam in India will be at par with Indian nationals, however, OCI/PIO passing the 12th class exam from a college/institution abroad will be eligible for other state quota seats or All India quota seats in all NITs, IIEST and Other-CFTIs (not for Home State quota seats).

Code	Name of State/ Union Territory (UT)	Code	Name of State/ Union Territory (UT)
1	Andaman & Nicobar Islands (UT)	20	Madhya Pradesh
2	Andhra Pradesh	21	Maharashtra
3	Arunachal Pradesh	22	Manipur
4	Assam	23	Meghalaya
5	Bihar	24	Mizoram
6	Chandigarh (UT)	25	Nagaland
7	Chhattisgarh	26	Odisha
8	Dadra & Nagar Haveli (UT)	27	Puducherry (UT)
9	Daman & Diu (UT)	28	Punjab
10	Delhi (NCT)	29	Rajasthan
11	Goa	30	Sikkim
12	Gujarat	31	Tamil Nadu

13	Haryana	32	Tripura
14	Himachal Pradesh	33	Uttar Pradesh
15	Jammu & Kashmir	34	Uttarakhand
16	Jharkhand	35	West Bengal
17	Karnataka	36	Telangana
18	Kerala	98	Foreign/ OCI/ PIO/ Nepal / Bhutan
19	Lakshadweep (UT)		

JEE Main 2022 Eligibility Criteria: Admissions to NITs, IIITs and CFTIs

- **NITs/IIITs/GFTIs Admission:** Students should have passed the 12th class with a minimum of 75% marks or they should be in the top 20 percentile in their class 12 exam (65% for SC/ST candidates).
- **JEE Main 2022 Admission (B.Arch/B.Planning):** He/She should have passed a 10+2 or equivalent exam from a recognized board with a minimum of 50% aggregate marks.

JEE Main 2022: Subject Combinations for Admissions

Candidates must have passed the qualifying exam to get admissions through JEE Main 2022 into NITs, IIITs, and GFTIs.

- **B.Tech/B.E:** Physics, and Maths as mandatory subjects along with one of the subjects such as Chemistry/Biology/Biotechnology/Technical Vocational subjects.
- **B.Arch:** Mathematics, Physics & Chemistry subjects.
- **B.Planning:** He/She must have passed the qualifying exam with Maths subject.

JEE Main 2022 Eligibility Criteria for Droppers

- There is no age limit.
- He/She must have passed their class 12 exam in 2020 or 2021. Three consecutive attempts are allowed for JEE Main 2022 examination.
- Students should have secured a minimum qualifying score.

- Candidates should have taken at least 5 subjects for the class 12 or qualifying exam (Physics, Chemistry, & Mathematics mandatory).

JEE ADVANCED EXAM INFORMATION

Joint Entrance Examination – Advanced (JEE-Advanced), formerly the Indian Institutes of Technology-Joint Entrance Examination (IIT-JEE), is an academic examination held annually in India. ... It is the sole prerequisite for admission to the Indian Institutes of Technology.

People also ask

Who is eligible for JEE Advanced?

Students are eligible to JEE Advanced if **the results of their Class 12th board exams** or some other equivalent exam for the academic year 2020 were pronounced after June 2020. All general-category candidates must make secure at least 75% of marks.

JEE Advanced 2021 Eligibility Criteria - Age Limit, Qualification Marks and Percentage

 JEE Advanced eligibility rules are significant rules that competitors should know before filling the application form. Students are recommended to check the information on the eligibility measures set by the organizing committee. It will assist them in knowing a lot of significant insights regarding the test like age standards, nationality, number of attempts, and more. By understanding the JEE Advanced eligibility for 2021, students will essentially get the opportunity to find out the basic prerequisites that they have to satisfy to appear for the test. This will help JEE aspirants to know whether they are eligible or not. The individuals who fail to meet the prerequisites won't be able to take the exam.

IIT JEE Advanced 2021 Eligibility Criteria

The eligibility norms for JEE Advanced 2021 has been conveyed by IIT Delhi on the official site. The eligibility norms contain all the current eligibility conditions and requirements that are set for the test.

The top 2.5 lakh JEE Main qualifiers are eligible to fill the JEE Advanced form 2021. The complete information on eligibility for JEE Advanced is analyzed here on this page. the JEE Advanced eligibility conditions are given below:

- **Nationality:** Students who are the resident of India, Person of Indian Origin (PIO), Overseas Citizen of India (OCIs), and Foreign nationals are eligible to appear for JEE Advanced.
- **Age Criteria:** Candidates who are born on or after October 1, 1995, are qualified. For candidates belonging to any reserved category, the age criterion has been relaxed as far as possible to October 1, 1990. As per the recent reports, it is being speculated that age shall soon not be the deciding variable for taking the JEE Advanced test.
- **Total Number of Attempts:** Candidates can take the test twice for two consecutive years.
- **Exam and Marks Percentage:** We will take a look at the exam-related detail below.

JEE Advanced Eligibility Based on the Performance In JEE Mains

To be eligible for JEE Advanced, the students should rank within top 2,50,000 (including all categories) in JEE Main. The percentage-wise reservations of different categories are:

Category	Percentage
General	50.5%
Scheduled Caste (SC)	15%
Scheduled Tribe (ST)	7.5%
OBC & NCL	27%
PwD	5%

JEE Advanced Eligibility Based on 12th Class Board Exams Or Other Equivalent exams

Candidates should have cleared Class 12 board exams or some other equivalent exam in 2020. Candidates appearing for the 2021 board exams are likewise eligible. Students are eligible to JEE Advanced if the results of their Class 12th board exams or some other equivalent exam for the academic year 2020 were pronounced after June 2020. All general-category candidates must make secure at least 75% of marks.

Candidates who belong to SC, ST, or PWD category must secure at least 65% of marks in their Class 12th board assessments.

The following five subjects will be considered to ascertain the cut off marks and total marks for satisfying the JEE Advanced eligibility rules of the top 20 percentile:

- Mathematics
- Physics
- Chemistry
- Optional Languages
- Elective subject

If the marks scored in any of the subjects are not out of 100, the marks obtained will be scaled to 100 while ascertaining the total. For students who have appeared in the Class 12 board exam in 2020 and are also taking the exam in 2021, the best result will be considered, out of the two outcomes.

Some of the other data that JEE Advanced aspirants ought to know are listed in the paragraph below:

Foreign citizens don't have the benefit of reservation of seats under any classes as per Govt. of India. They will be given admission in the supernumerary category. Such candidates are not required to take JEE Main 2020 as they can enroll for JEE Advanced 2021 directly after satisfying the necessary eligibility criteria. Identity proof of both the guardians and the candidate is required as citizenship testament/Passport. Foreign nationals are allocated only 10% of the total number of seats in each course.

All the engineering aspirants who want to take JEE Advanced need to register themselves online through the JEE Advanced site. The registration expense for JEE Advanced 2021 for foreign applicants is given in the accompanying table.

Registration Fee For JEE Advanced 2021

For Foreign Candidates:

Candidates from SAARC countries	USD 75
Candidates from Non-SAARC countries	USD 150

The registration fee does not include any processing fee, service charges, or any other charges that can be levied by the banks. Detailed instructions related to the payment of the registration fee are provided on the online registration portal.

Documents Required for Registration

- 12th standard marks sheet/certificate for cut-off
- Identity proof
- Birth certificate for verifying the age
- Citizenship certificate/Passport of parents
- Testimonial (if required)

Indian & Foreign Centres Where JEE (Advanced) 2021 Will Be Held

It is expected that JEE Advanced 2021 will be organized in the following centres:

Candidates will have to choose the exam centre during the registration.

Some of the tentatively announced exam centres are as follows:

Within India:

Gujarat

Goa

Karnataka

Maharashtra

Jammu & Kashmir

Delhi (NCR)

Jammu & Kashmir

Manipur

Meghalaya

Rajasthan

Arunachal Pradesh

Assam

Bihar

Sikkim

Tripura

Uttar Pradesh

Andhra Pradesh

Chhattisgarh

Jharkhand

Odisha

Telangana

Outside India:

Colombo

Kathmandu, Nepal

Singapore

Bahrain

Dubai

Muscat

Riyadh

Sharjah

The eligibility norms of JEE Advanced 2021 include necessities that applicants need to satisfy to show up for the test. Candidates who do not meet the eligibility conditions won't be permitted to take JEE Advanced.

JEE aspirants must know the eligibility norms before filling the JEE Advanced application form. In case these are not met, the candidates' application will be dismissed. IIT Kharagpur (Tentatively) has decided to conduct the exam. JEE Advanced is the second level of IIT JEE that

takes place after JEE Main. The test is held each year by various IITs under the management of IIT – JAB (Joint Admission Board).

As per their score, candidates are allowed admissions into different courses offered at top IITs and ISM in the nation. In the present scenario, the assessment will be directed in a PC based online test containing two papers (Paper 1 and Paper 2). The test will be completed in two sittings around the same time.

IISER exam is conducted for **admission to BS-MS degree program** at one of the seven IISERs. Candidates can get admission in IISER through JEE Main, KVPY and SCB channel. Candidates can apply for admission through any of the three options, but they need to fulfill the eligibility criteria for each channel individually.

Frequently Asked Questions

1. I qualified in JEE (Advanced) 2021 and I am interested in taking admission in one of the IITs. Do I need to register on JoSAA portal?

Answer: It is mandatory for the candidates to register through the official JoSAA 2021 online portal to be able to obtain seats to be allocated through JoSAA 2021 in any of the IITs, NITs, IIEST, IIITs (Triple-I-Ts) and Other-GFTIs. Please refer to Clause 1 in the JoSAA Business Rules.

2. I locked my choices but now I would like to make further changes to my choice list. Is that allowed? If yes, how can I exercise the option?

Answer: If you wish to edit your choices after locking but before the choice filling deadline, you can do so by first submitting a request to unlock in the online JoSAA portal. Please refer to Clause 39 for detailed procedure to unlock the choices.

3. Choice filling deadline is already over. Am I allowed to make any changes in my choice list at this point?

Answer: You will not be allowed to edit your choice list after the deadline for choice filling, i.e., you cannot change the order of your choices OR add any more course in OR delete any course from the choice list after the deadline for choice filling. Please refer to Clause 39 for detailed guidelines.

4. I saved my last filled choice list but I forgot to lock them. Now the choice filling deadline is over and I can not make any further changes. Will this affect the list of choices that will be considered for allocating a seat to me during the JoSAA?

Answer: If you do not lock your choices, last saved choices will be locked automatically upon reaching the deadline for choice filling. The automatically locked choice list will be considered for allocating a seat during JoSAA.

5. I got allocated a seat in a certain round of JoSAA for the first time but I am not interested in this seat. I would like to wait for further rounds of JoSAA to possibly get a better seat in my preference order. Do I need to do anything in the current round?

Answer: If you are allocated a seat in a certain round of JoSAA, you need to follow steps for online reporting that include (i) acceptance of the seat, (ii) uploading of documents and (iii) payment of seat acceptance fee. You need to accept the seat and choose an option of Float/Slide if you wish to be considered for a seat of higher preference in any Institute/within the allocated Institute in the subsequent rounds (other than the 6th round). If you fail to complete any of the three steps of online reporting for seat acceptance, your allocated seat will be cancelled, and you will no longer be able to participate in the seat allocation process. Please refer to Clause 40 of JoSAA Business Rules for details of online reporting

6. I was allocated a seat in one of the previous rounds and now I have been allocated another seat of higher preference in my choice list. Can I go back to the seat allotted to me in the previous round?

Answer: Once you are allocated a seat of higher preference based on your float/slide option, your accepted seat from the earlier round will be automatically cancelled and you cannot get the previously allotted seat. Please refer to Clause 46 of JoSAA Business Rules for more details

7. I got allocated a seat of my preference in my choice list in a certain round and I am satisfied about the allotted program. I do not want to participate in further rounds of seat allocation. What should I do to keep the allocated seat?

Answer: If you are satisfied with the allotted seat and do not wish to participate in further rounds of seat allocation, you need to choose the option "Freeze" while accepting the seat and complete all the three steps of online reporting process. Please refer to Clause 46 of JoSAA Business Rules for more details.

8. I got allocated and accepted a seat in a certain round. I would like to wait for further rounds of JoSAA to possibly get a better seat in my preference order in any Institute. What option do I need to choose in order to be considered for further rounds of JoSAA?

Answer: If you have accepted a seat in a certain round and would like to be considered for a seat of higher preference in any Institute, you need to choose the option of 'Float'. Further, if you are allocated a seat of higher preference in a subsequent round of seat allocation, your earlier accepted seat will be automatically cancelled and you will have to accept the newly allocated seat. If you are not allocated a seat of higher preference in a subsequent round, you will continue in the already accepted seat and you will also be considered for seat allocation in any Institute in the subsequent rounds if you continue with the 'Float' option. Please refer to Clause 46 of JoSAA Business Rules for more details.

9. I got allocated and accepted a seat in a certain round. I would like to wait for further rounds of JoSAA to possibly get a better seat in my preference order within the same Institute. What option do I need to choose in order to be considered for further rounds of JoSAA?

Answer: If you have accepted a seat in a certain round and would like to be considered for a seat of higher preference within the same Institute, you need to choose the option of 'Slide'. Further, if you are allocated a seat of higher preference in a subsequent round of seat allocation, your earlier accepted sear will be automatically cancelled and you will have to accept the newly allocated seat. If you are not allocated a seat of higher preference in a subsequent round, you will continue in the already accepted seat and you will also be considered for seat allocation within the same Institute in the subsequent rounds if you continue with the 'Slide' option. Please refer to Clause 46 of JoSAA Business Rules for more details.

10. I was allocated a seat in one of the previous rounds and I had chosen the option of Float/Slide for the choice of academic program for subsequent rounds. I do not wish to participate in further rounds of seat allocation. Can I change my option for the choice of academic program for subsequent rounds?

Answer: Except in the last round of seat allocation, you can change your option from float to slide/freeze and slide to freeze in the online portal. Please refer to Clause 49 of JoSAA Business Rules for more details.

11. I was allocated a seat in one of the previous rounds and I had chosen the option of Freeze for the choice of academic program for subsequent rounds. Can I change my option to Float/Slide in a subsequent round?

Answer: You cannot change the option to float/slide if you choose the option 'Freeze' while accepting the allocated seat. Further, you will not be considered for seat allocation in subsequent rounds (if any) of JoSAA while your accepted seat remains allocated to you. Please refer to Clause 46 of JoSAA Business Rules for more details.

12. I have been allocated a seat in JoSAA for the first time. I have accepted the seat, uploaded the documents and chosen my willingness, but I have not yet paid my fees for an allocated seat. Will the allocated seat be confirmed to me by the reporting officials?

Answer: You MUST pay the seat acceptance fee and complete all the steps of the online reporting process in the same round of seat allocation for continuing with the JoSAA process to avail the seat in IITs or NIT+ system. Your allocated seat will be cancelled and you will no longer be able to participate in the subsequent rounds of seat allocation process (if any) if you do not complete all the steps of online reporting process including the payment of seat acceptance fee. Please refer to Clause 40 of JoSAA Business Rules for more details.

13. What happens if I do not complete all the steps of online reporting during a particular round of JoSAA in which I am allocated a seat for the first time?

 Answer: Your allocated seat will be cancelled, and you will no longer be able to participate in the subsequent rounds of seat allocation process (if any) if you do not complete all the steps of online reporting process including the payment of seat acceptance fee. Please refer to Clause 40 of JoSAA Business Rules for more details.

 14. I was allocated and confirmed a seat in a certain round. I have now been allocated another seat of higher preference in my choice list. Do I need to report again online?

Answer: If you have already completed all the steps of online reporting process in a certain round and you have been allocated another seat of higher preference in your choice list, you don't have to repeat the online reporting process.

15. I was allocated and confirmed a seat in an NIT in a certain round. I have now been allocated another seat for the first time in an IIT. Do I need to report again online?

Answer: If you were allocated and confirmed a seat in an NIT in a certain round and allocated another seat in an IIT for the first time, your documents and the eligibility criteria will be verified again by the IITs. You are advised to check for any queries raised by the admitting IIT by logging into the JoSAA portal and respond to the queries before the last date specified for the given round.

IISER 2022 Eligibility Criteria

The **eligibility criteria for IISER 2022** depends on the channel of admission (**KVPY, JEE, SCB**). Below we have given the eligibility criteria in detail.

Nationality: All candidates of Indian national and candidates belonging to Person of Indian Origin (PIO) or Overseas Citizenship of India (OCI) are eligible to apply.

KVPY Channel:

The candidates those having **a valid KVPY fellowship score** card commencing from 2022 academic session are eligible to apply for admission.

JEE Channel:

Candidates those belong to **general** category will have to secure a rank within **10000** in the Common Rank List (CRL) of **JEE Advanced 2022**.

The candidates those belong to reserved category (**OBC-NCL, SC, ST and PWD**) their category rank should be within **10000** to be eligible for the IISER admission.

SCB Channel:

Candidates will be eligible those have passed **10+2** with science stream in **2021** or **2022** with marks equal or above the cut off percentage in their respective boards.

Candidates those wish to apply through SCB channel have to appear for **IISER Aptitude Test** which will be conducted at various centers across the country.**.**

Cutoff Percentage of different State and Center Board

Following below is the **cut off mark** of respective board as prescribed by IISER:

S.N.	BOARDS/COUNCILS	Cut-off Marks (out of 500) for IISERs Admission				
		GEN/EWS	OBC-NCL	SC	ST	PwD
1	Central Board Of Sec. Edu. (CBSE), New Delhi	431	420	401	385	385
2	Board Of Intermediate Education (Andhra Pradesh)	469	465	452	447	447
3	Assam Higher Secondary Education Council	368	364	353	322	322
4	Aligarh Muslim University Board Of Secondary & Sr. Sec. Education, Aligarh	NA*	NA*	NA*	NA*	NA*
5	Bihar School Examination Board, Patna	310	305	295	299	295
6	Council For The Indian School Certificate Examinations,	441	424	412	381	381

Delhi

7	Goa Board Of Sec. And Higher Sec.Education	371	355	348	349	348
8	Gujarat Sec. And Higher Sec. Education Board	357	335	325	299	299
9	Kerala Board Of Public Examinations	447	425	402	393	393
10	Board Of Sec. Education, Madhya Pradesh	400	391	376	360	360
11	Meghalaya Board Of School Education	366	337	336	345	336
12	Mizoram Board Of School Education	364	356	332	343	332
13	Nagaland Board Of School Education	368	368	346	340	340
14	Punjab School Education Board	389	387	375	366	366
15	Telangana State Board Of Intermediate Education, Nampally, Hyderabad	468	465	454	457	454
16	Tripura Board Of Secondary Education	NA*	NA*	NA*	NA*	NA*
17	Maharashtra State Board Of Secondary And Higher	342	344	325	318	318

Education

18	U.P. Board Of High School & Intermediate Education, U. P.	358	347	339	333	333
19	Board Of Secondary Education Rajasthan	390	391	375	368	368
20	Himachal Pradesh Board Of School Education Dharmashala, H. P.	399	388	384	383	383
21	Board Of School Education Haryana, Bhiwani	405	397	381	347	347
22	Council Of Higher Sec. Education, Manipur	337	340	330	358	330
23	Govt. Of Karnataka Dept. Of Pre-University Education, Karnataka	419	400	346	360	346
24	Council Of Higher Sec. Education, Odisha	321	321	291	266	266
25	Chhatisgarh Board Of Secondary Education	375	379	355	355	355
26	Jharkhand Academic Council, Ranchi	314	318	300	292	292
27	Jammu & Kashmir State Board Of School Education	395	383	325	303	303

28	Visva-bharati	NA*	NA*	NA*	NA*	NA*
29	Uttarakhand Board of School Education	312	310	296	292	292
30	West Bengal Council of Higher Secondary Education	347	352	327	294	294
31	Tamil Nadu Board of Higher Secondary Education	431	432	429	409	409
32	National Institute of Open Schooling (NIOS)	343	332	327	329	327

Candidates are instructed to carefully check the **IISER 2022 eligibility criteria** in order to appear in the entrance test. If any candidate will find ineligible on a later stage their admission will be cancelled on the spot.

What is IISER Entrance Exam?

Indian Institutes of Science Education and Research (IISERs) conduct an entrance exam in order to provide admission to candidates in five-year-long BS-MS dual degree programme offered by them. On the basis of a candidate's score in IISER entrance exam (also known as IISER aptitude test), he/she can secure admission at IISER located in Berhampur, Bhopal, Kolkata, Mohali, Pune, Thiruvananthapuram, or Tirupati. Candidates who have cleared their Class XII in Science stream are eligible to apply for IISER entrance exam 2021.

As per IISER entrance exam pattern, there are a total of 60 objective questions that candidates need to complete in three hours duration. The IISER Entrance Exam date is yet to be announced.

IISER Entrance Exam 2021 Eligibility Criteria

All candidates who are Indian nationals and belong to Person of Indian Origin (PIO) or Overseas Citizenship of India (OCI) category are eligible for IISER admissions 2021. However, admissions at IISER are done through three different channels mentioned below.

It is mandatory for candidates to meet IISER eligibility criteria under any one of the channels for admissions 2021.

IISER Entrance Exam Eligibility Criteria under State and Central Boards (SCB) Channel

All candidates who have cleared Class XII exams in Science stream in 2018/ 2021 fulfil IISER entrance exam 2021 eligibility criteria. However, candidates should also score marks (in their respective boards) equal or above the cutoff percentage as stipulated by IISER (mentioned in the table below) in order to meet IISER entrance exam eligibility criteria.

Name of the Board	Cut-off
AMU Board	81.4
Andhra Pradesh	94.8
Assam	71.9
Bihar	70.0
CBSE	88.3
Chhattisgarh	74.1
Goa	82.6
Gujarat	60.2
Haryana	85.5
Himachal Pradesh	79.3
ICSE	93.3
Jammu & Kashmir	86.2
Jharkhand	60.0
Karnataka	88.0
Kerala	93.1

Madhya Pradesh	85.2
Maharashtra	76.1
Manipur	79.0
Meghalaya	67.0
Mizoram	63.8
Nagaland	63.0
Odisha	68.6
Punjab	80.4
Rajasthan	76.9
Tamil Nadu	95.1
Telangana	94.7
Tripura	60.0
Uttarakhand	66.1
Uttar Pradesh	74.3
Visva-Bharati	83.1
West Bengal	75.9

Note: For candidates belonging to OBC (non-creamy layer) and PwD categories there is a 5% relaxation in the cutoff percentage. Also, cutoff percentage for candidates belonging to SC/ ST/ Kashmiri Migrants (KM) category is 55% in Class XII for all boards.

"To calculate your percentage of marks obtained use your board's method," informs the official website.

IISER Admissions under Kishore Vaigyanik Protsahan Yojana (KVPY) Channel

Candidates who have a valid KVPY fellowship commencing from 2021-22 academic session are eligible to apply for IISER admissions 2021. However, such candidates do not need to appear for IISER entrance exam 2021.

IISER Admissions under Joint Entrance Examination of Indian Institutes of Technology (IIT–JEE) Channel

General category candidates who have secured a rank within 10,000 in the Common Rank List (CRL) of JEE Advanced 2021 are eligible for IISER admissions 2021. However, similar to the admission process under KVPY channel, such candidates do not need to appear for IISER entrance exam 2021.

Note: For candidates belonging to OBCNC/ SC/ ST/ PwD category their category rank would be used.

Also, an additional cutoff criteria may be applicable for candidates applying under KVPY and IIT-JEE channels, informs the official website.

IISER 2021 Exam Highlights

Exam Name	IISER Entrance Exam
Conducting Body	Indian Institute of Science Education and Research
Exam Mode	Offline
Exam Duration	3 Hours
Exam Medium	English
Total Marks of IISER	180 Marks
Official Website	http://www.iiseradmission.in/

KVPY INFORMATION-

The Kishore Vaigyanik Protsahan Yojana (KVPY) is an on-going National Program of Fellowship in Basic Sciences, initiated and funded by the Department of Science and Technology, Government of India, to attract exceptionally highly motivated students for pursuing basic science courses and research career in science.

The objective of the program is to identify students with talent and aptitude for research; help them realize their academic potential; encourage them to take up research careers in Science, and ensure the growth of the best scientific minds for research and development in the country.

The advertisement for the KVPY Fellowship appears in all the national dailies normally on the Technology Day (May 11) and the Second Sunday of July every year.

Selection of the students is made from those studying in XI standard to 1st year of any undergraduate Program in Basic Sciences namely B.Sc./B.S./B.Stat./B.Math./Int. M.Sc./M.S. in Mathematics, Physics, Chemistry and Biology having aptitude for scientific research. Special groups / Committees are set up at IISc to screen the applications and conduct an aptitude test at various centres in the country. Based on the performance in the aptitude test, short-listed students are called for an interview which is the final stage of the selection procedure. For receiving a fellowship, both aptitude test and interview marks are considered.

Generous fellowships are provided up to the pre-Ph.D. level to the selected KVPY Fellows.

For the information of KVPY awardees Resonance: All the KVPY Fellows are hereby encouraged to subscribe a popular science magazine to keep abreast of the scientific developments. The magazine will cover various important topics of science subjects published by the Indian Academy of Science, Bangalore. Interested KVPY Fellows can get subscription via a DD for Rs. 300/- drawn in favour of the Circulation Manager, Indian Academy of Science, payable at Bangalore and the same may be forwarded to the Circulation Manager, Circulation Department (Resonance), Indian Academy of Sciences, C.V. Raman Avenue, PB No. 80005, Bangalore – 560 080, website: www.ias.ac.in and by giving exact mailing address for receiving the science journal.

About KVPY 2021

KVPY Exam 2021 -Indian Institute of Science(IISc) Bangalore conducts Kishore Vaigyanik Protsahan Yojana or KVPY 202 exam. Students studying in class 11th, 12th & UG Science courses are eligible to appear for the KVPY exam 2021. They can appear for the KVPY

fellowship exam under three streams - SA, SX and SB, respectively. Read below to know the complete details related to KVPY 2021 exam.

- IISc Bangalore has released the revised exam date for KVPY 2021. The exam will be held on January 9. 2021.
- Earlier the exam was scheduled on November 7, 2021.
- The kvpy exam registration 2021 has been started on July 12, 2021 and the last date to fill the KVPY 2021 application form was September 6, 2021. Thereafter, only registered students can pay the KVPY 2021 registration fee until September 9, 2021.
- This year, the KVPY 2021 selection process has been changed. Now, students will be selected based on aptitude test only.
- The exam will be held in online mode for a total of 100 marks with a duration of 3 hours.
- Students can expect the KVPY result 2021 in one month after the exam date.

What is the KVPY 2021 Exam?

Kishore Vaigyanik Protsahan Yojana or KVPY is a national-level scholarship program for meritorious students to pursue courses in basic sciences such as B.Sc., B. Stat, Integrated M.Sc., and M.S in either Mathematics, Chemistry, Physics, or Biology. IISc Bangalore conducts the KVPY Aptitude test once a year to provide scholarships. Students are selected for the scholarship based on the KVPY exam.

KVPY 2021 Scholarship Amount

- SA/SX/SB- during 1st to 3rd years of UG/PG courses: Rs. 5,000/Month + Rs. 20000/annum
- SA/SX/SB – during M. Sc. / 4th to 5th years of Integrated M.Sc. /M.S./M.Math./M.Stat.: Rs.7,000/month + + Rs. 28000/annum

What's new in KVPY 2021

- In 2021, the selection will be made on the basis of the KVPY aptitude test only. No interview will be held this year.

- Students eligible for Class 11 study or 1st year of UG course are also eligible to fill KVPY form 2021 for their respective streams. But they will have to produce their study certificate after provisional selection.
- Last year, the fees of KVPY application form 2021 has been increased to Rs. 1250 for general and Rs. 625 for SC/ST/PWD candidates.

KVPY 2021 Contact Details

Address: The Convener
Kishore Vaigyanik Protsahan Yojana (KVPY)
Indian Institute of ScienceBangalore - 560 012
Official Website: kvpy.iisc.ernet.in

Email ID:
For queries related to the application: applications.kvpy@iisc.ac.in
For queries related to fellowship: fellowship.kvpy@iisc.ac.in

Read More

KVPY 2021 Application Process

Mode of Application : Online

Mode of Payment : Net Banking | Credit Card | Debit Card

IISc Bangalore has released the KVPY exam 2021 registration form on July 12, 2021 on www.kvpy.iisc.ernet.in. Eligible students can fill the KVPY application form 2021 before the last date i.e. September 6, 2021.

KVPY application dates

- Start date: July 12, 2021
- Last date to submit form: ~~August 25, 2021~~ September 6, 2021
- Last date to pay fees: September 9

Documents required to submit KVPY Exam Registration 2021

Students should keep the soft copy ready for the following documents before start filling KVPY 2021 registration form:

KVPY 2021 documents required

Documents	File Size	Format
Signature	Less than 80 KB	JPG/JPEG
Student's Photograph	Less than 150 KB	JPG/JPEG
Caste Certificate (SC/ST)	Less than 300 KB	PDF
Medical Certificate (PwD)	Less than 300 KB	PDF

How to fill online KVPY 2021 Application Form?

Students will be able to fill the KVPY 2021 registration form by following the steps given below:

- Step 1- Register and create KVPY login credentials
- Step 2- Login and fill up details in KVPY 2021 registration form
- Step 3- Upload documents
- Step 4- Application fee payment

1. KVPY registration 2021

This is for first-time users. If a student has already registered for KVPY 2021 exam, then he/can directly proceed to Step 2.

- Go to kvpy.iisc.ernet.in and click on the "KVPY 2021 Applications" link.

- Read all the instructions given on the page and enable the disclaimer box by clicking it.
- Click on the 'Login' button and the KVPY login page will be shown on the screen.
- Open the link that says 'Click here for registration'.
- A new page will be shown on the screen. Close the window showing recommended browsers.
- Enter all the details in KVPY 2021 registration form which will look like the following image:

- Now, verify all the details and click on the 'Register' button. Login credentials will be sent on the same number and Email ID entered in the KVPY 2021 registration form.

2. Login and fill up details in KVPY 2021 application form

- Go to the [KVPY login 2021](#) page and enter login ID and password in appropriate fields. Click on the login button.
- On the dashboard, click on the link of the KVPY application form 2021.
- Enter personal details in the first section followed by academic details in the next section.

3. Uploading documents

- After this, students will have to submit their required documents one by one.
- Save all the documents.

4. KVPY application fees payment

- After reviewing the form, proceed to payment.
- Students can pay their KVPY application fees 2021 in online mode via credit card/debit card/net banking.
- Note: This fee is non-refundable as mentioned on the KVPY instructions page.
- After payment, note down the transaction details for future references.

KVPY 2021 Application Fee

KVPY application fee 2021 can be paid online via Credit Card, ATM-Debit Card or Net Banking. The fees vary as per the category of candidates as tabulated below.

KVPY Application Fees 2021

Category   Fee

ST/SC/PH/PwD Rs. 625

General & OBC Rs. 1250

Application Fees

Category	Quota	Mode	Gender	Amount
General, OBC		Online	Transgender, Female, Male	₹ 1250
ST, SC		Online	Transgender, Female, Male	₹ 625

Read More

KVPY 2021 Highlights

Full Exam Name	Kishore Vaigyanik Protsahan Yojana Examination
Short Exam Name	KVPY
Conducting Body	Indian Institute of Science Bangalore
Frequency of Conduct	Once a year
Exam Level	Intermediate
Languages	English, Hindi
Mode of Application	Online

Application Fee (General)	1250 Rs [Online]
Mode of Exam	Online
Exam Duration	3 Hours

KVPY 2021 Eligibility Criteria

To apply for KVPY exam 2021, students have to satisfy the eligibility norms. KVPY exam eligibility 2021 consists of the nationality, minimum age limit, and minimum marks required. Students should meet the eligibility criteria before applying for the KVPY 2021 exam. There are three different streams that are SA, SX & SB. The eligibility of each stream is different.

KVPY 2021 Eligibility Criteria

Stream	Current Class
SA	Eligible for or enrolled in 11th class with Science stream
SX	12th class with Science stream
SB	Eligible for or enrolled in 1st year of a UG program in Basic Sciences (B.Sc./B.S./B.Stat./B.Math./Int. M.Sc./Int. M.S.)

KVPY SA Eligibility Criteria

Particular	Eligibility Criteria
Current Academic Status	Students studying in or eligible for class 11th to apply for the exam. But after provisional selection they will have to produce their Class 11 study certificate
Marks Scored in Class 10th	75% for general category (with a relaxation of 65% for SC/ST/PWD) in aggregate for Maths and science subjects to apply

for the exam

| Marks Scored in Class 12th | 60% for general category (with a relaxation of 50% for SC/ST/PWD) in aggregate for all subjects to avail scholarship |

KVPY SX Eligibility Criteria

Status	Eligibility Criteria
Current Academic Status	Students studying in class 12th to apply for the exam and student must be studying Basic Science course to avail scholarship
Marks Scored in Class 10th	75% for general category (with a relaxation of 65% for SC/ST/PWD) in aggregate for Maths and science subjects to apply for the exam
Marks Scored in Class 12th	60% for general category (with the relaxation of 50% for SC/ST/PWD) in aggregate for all subjects to avail scholarship

KVPY SB Eligibility Criteria

Status	Eligibility Criteria
Current Academic Status	Students enrolled in or eligible for the first year of Bachelors degree programme in Basic Science. They will have to produce their 1st-year study certificate after provisional selection.
Marks Scored in Class 12th	60% for general category (with the relaxation of 50% for SC/ST/PWD) in aggregate for all subjects to avail scholarship