

BUSINESS RULES

Science Olympiad Excellence (SCOPE) Admission

ADMISSION TO UNDERGRADUATE PROGRAMS

FOR THE ACADEMIC YEAR 2025 - 2026



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Updated on 19 April, 2025

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ABOUT THE INSTITUTE

The Indian Institute of Technology Madras is known both nationally and internationally for excellence in technical education, basic and applied research, innovation, entrepreneurship and industrial consultancy. A faculty of international repute, a highly motivated and brilliant student community, excellent technical and supporting staff and an effective administration have all contributed to the pre-eminent status of IIT Madras. The Institute is proud to bear the laureate of being No.1 engineering university in India. More recently, IIT Madras has been given the title of Institute of Eminence.

In 1956, the German Government offered technical assistance for establishing an institute of higher education in engineering in India. The first Indo-German agreement in Bonn, West Germany for the establishment of the Indian Institute of Technology at Madras was signed in 1959.

The Institute was formally inaugurated in 1959 by Prof. Humayun Kabir, Union Minister for Scientific Research and Cultural Affairs. The IIT system has sixteen Institutes of Technology – the first of these to be instituted were at Kharagpur (estb. 1951), Mumbai (estb. 1958), Chennai (estb. 1959), Kanpur (estb. 1959), Delhi (estb. 1961), Guwahati (estb. 1994) and Roorkee (estb. 1847, joined IITs in 2001).

A GLOBALLY RECOGNIZED INSTITUTE

IIT Madras is a residential institute with nearly 700 faculty, 13,000 students and 590 administrative & supporting staff and is a self-contained campus located in a beautiful wooded land of about 250 hectares. The campus is located in the city of Chennai, previously known as Madras. Chennai is the state capital of Tamilnadu, a southern state in India.

The Institute has sixteen academic departments and a few advanced research centres in various disciplines of engineering, sciences, and humanities with nearly 100 laboratories organised in a unique pattern.

IIT Madras has been the top-ranked engineering institute in India for nine consecutive years as well as the 'Best Educational Institution' in Overall Category in the National Institutes Ranking Framework (NIRF) Rankings for six consecutive years.

SCIENCE OLYMPIAD EXCELLENCE ADMISSION

Indian Institute of Technology Madras (IITM) is embarking on a new journey to admit students to her much-coveted undergraduate programs in recognition of their excellence in various subject olympiads. The program is named as "Science Olympiad Excellence (SCOPE) Admission". The objective of SCOPE admission is to reward and encourage students who have achieved a certain level of excellence in various olympiads at a national and/or international level.

IIT Madras will be offering seats in each of its undergraduate programs through SCOPE admissions by the creation of two supernumerary seats per program for Indian Nationals and OCI/PIO candidates whose OCI/PIO card was issued before 04 March 2021 will be eligible for SCOPE admission. The SCOPE admission will be operational from the academic year 2025 - 2026.

The list of programs and the number of seats available in each program are listed in the table below.

| Sl.No. | Offering Department | Program Name | Seats |
|--------|-----------------------|--|-------|
| 1 | Aerospace Engineering | Aerospace Engineering (4 years B.Tech.) | 2 |
| 2 | | Aerospace Engineering (5 years B.Tech + M.Tech) | 2 |
| 3 | Biotechnology | Biological Engineering (4 years B.Tech.) | 2 |
| 4 | | Biological Science (4 years B.S.) | 2 |
| 5 | Chemical Engineering | Chemical Engineering (4 years B.Tech) | 2 |

| | | | |
|----|--|---|---|
| 6 | Civil Engineering | Civil Engineering (4 years B.Tech.) | 2 |
| 7 | Computer Science and Engineering | Computer Science and Engineering (4 years B.Tech.) | 2 |
| 8 | Data Science and Artificial Intelligence | Artificial Intelligence and Data Analytics (4 years B.Tech.) | 2 |
| 9 | Electrical Engineering | Electrical Engineering (4 years B.Tech.) | 2 |
| 10 | Engineering Design | Engineering Design (5 years B.Tech. + M.Tech.) | 2 |
| 11 | Physics | Engineering Physics (4 years B.Tech.) | 2 |
| 12 | | Physics (4 years B.S.) | 2 |
| 13 | Mechanical Engineering | Mechanical Engineering (4 years B.Tech.) | 2 |
| 14 | Metallurgical and Materials Engineering | Metallurgical and Materials Engineering (4 years B.Tech.) | 2 |
| 15 | Ocean Engineering | Naval Architecture (4 years B.Tech.) | 2 |
| 16 | Medical Science and Technology | Medical Science and Engineering (4 years B.S.) [#] | 2 |
| 17 | Chemistry | Chemistry (4 years B.S.) [#] | 2 |

[#]The application process for these two programs (under SCOPE admission) will be done through a different portal with their corresponding business rules, to be announced later.

ELIGIBILITY CRITERIA

The candidates should satisfy ALL the following criteria to be eligible to apply for SCOPE admission to IIT Madras.

1. The candidate should be an Indian national (by birth or naturalization) or OCI/PIO candidate whose OCI/PIO card was issued before 4th March 2021.

2. The eligibility criteria in terms of passing year of class 12th and age etc remain exactly same as that of JEE (Advanced) for the respective year. The candidate should NOT have been admitted to an IIT in the previous years.
3. In addition to the above, in the last 4 years, the candidate must have participated in at least one of the following
 - a. Mathematics: International Mathematical Olympiad Training Camps (IMOTC) organized by Homi Bhabha Centre for Science Education (HBCSE)
 - b. Physics, Chemistry and Biology: Orientation-cum-Selection Camps (OCSCs) for Science subjects, organized by Homi Bhabha Centre for Science Education (HBCSE).
 - c. Informatics: International Olympiad for Informatics Training Camp (IOITC) organized by the Indian Association for Research in Computer Science (IARCS).

APPLICATION PROCESS

The candidates are required to apply through the IITM-SCOPE admission portal (<https://ugadmissions.iitm.ac.in/scope/>) for admission under excellence in olympiad performance to IIT Madras. The candidate should be ready with all the necessary documents (see [Appendix-A](#)) before starting their application on this portal. The application process consists of the following steps.

New User Registration: Every applicant should create login credentials through the “New User Registration” process. The candidates will be asked to provide all the necessary information. The candidate should confirm the details shown on the candidate profile page. The data, once confirmed, cannot be changed at a later stage, and hence, utmost care should be exercised before confirming the details in the profile. The candidate will also be asked to choose the list of one or more subjects (from Mathematics,

Physics, Chemistry, Biology and Informatics) that he/she has participated in Olympiads.

Upload Documents: The candidate should upload all the relevant documents as per the size and document type guidelines mentioned in the portal. The request for submission of documents at a later date WILL NOT be entertained. The correctness and validity of the certificates are the responsibility of the candidate. Submission of wrong/forged documents will lead to denial of admission without further chance for appeal by the candidate. All the certificates will be verified by the document verification officers and their decision is final regarding the validity of the documents.

Choice Filling: After completing the above three steps in the application process, the candidate is required to provide the choice of their program in the order of their preference and save the same. The candidate will be shown the list of programs for which (s)he is eligible to apply based on the subject olympiads chosen by the candidate in the new user registration. The candidate will be able to modify the order of their preference in the portal before submission. The candidates can reorder their choices by using the appropriate buttons. Once the order of preference for different academic programs is finalized to the candidate's satisfaction, it should be confirmed by clicking the "Lock Choices" button. Choices once "Locked" can not be changed subsequently.

Download the Application Acknowledgement: Upon successful completion of the above-mentioned steps, the candidate will be able to download the filled-in application. A copy of the application should be downloaded and kept in safe custody for future reference.

SCORE COMPUTATION AND SCOPE RANK LIST (SRL)

Each department admits students to the programs from a specific set of Olympiads. A candidate applying to a program in a particular dept will be assigned a score based on his / her performance in Eligible Subject Olympiads specified by the department. The scores assigned for the olympiads (if it is in the list specified by the department) is done as per the point system specified below.

- **Tier 1:** 10 points, if attended the training camp¹ mentioned but was not selected for the Indian team.
- **Tier 2:** 25 points, if selected for the Indian team and participates in the International olympiad, but did not receive any medal.
- **Tier 3:** 60 points, if received a Bronze Medal in the international olympiad.
- **Tier 4:** 100 points, if received a Silver Medal in the international olympiad.
- **Tier 5:** 150 points, if received a Gold Medal in the international olympiad.

It is to be noted that, (1) a candidate may claim multiple training camp attendances or medals in various subjects over various years. (2) Only the achievements in the last FOUR years will be considered. (3) For a given achievement, a candidate can claim points for only one of the tiers mentioned above for a particular year.

Department-wise Restrictions: The following table indicates the department-wise list and preference order for the Science Olympiads for admissions to the respective UG programs at IIT Madras for the academic year 2025-2026. For each department, the specified set of subject olympiads will be used to assign scores to the individual candidates who are applying for the program offered by the respective departments. However, the preference order specified will be used only for tie break.

| Department | Eligible Subject Olympiads (in the order of preference used for tie break) |
|--|---|
| Aerospace Engineering | Mathematics, Physics, Informatics |
| Biotechnology | Biology, Chemistry, Physics |
| Chemical Engineering | Physics, Chemistry, Mathematics |
| Chemistry | Chemistry, Physics, Mathematics, Biology |
| Civil Engineering | Physics, Chemistry, Mathematics, Informatics, Biology |
| Computer Science & Engineering | Mathematics, Informatics, Physics, Chemistry, Biology |
| Data Science & Artificial Intelligence | Mathematics, Informatics, Physics, Chemistry, Biology |
| Electrical Engineering | Physics, Mathematics, Informatics |
| Engineering Design | Mathematics, Physics, Biology, Informatics, |

¹ only the training camps mentioned in the item C of the eligibility criteria section will be considered.

| Department | Eligible Subject Olympiads (in the order of preference used for tie break) |
|---------------------------------------|---|
| | Chemistry |
| Mechanical Engineering | Physics, Mathematics |
| Medical Science and Technology | Mathematics, Biology, Informatics, Chemistry, Physics |
| Metallurgical & Materials Engineering | Mathematics, Biology, Informatics, Chemistry, Physics |
| Ocean Engineering | Mathematics, Physics |
| Physics | Physics |

A separate SCOPE Rank List (SRL) will be prepared for each program based on the total score obtained by the candidates based on their performance in various subject olympiads (see [Appendix-B](#) for the list of eligible olympiads) that are chosen by the department. Mere presence in the respective SRL does not guarantee admission to a program.

Examples: The following set of examples demonstrate the calculation of points under various scenarios.

1. If a candidate has won a Gold Medal in Mathematics olympiad in 2024, (s)he can claim points under Tier 5 only, i.e.. 150 points and NOT $150+25+10 = 185$ points. However, if the candidate has applied to a program offered by the Physics department, (s)he will be awarded Zero points while computing the score for preparing the SRL for the programs in Physics department, as the department considers the Physics olympiad only for admission to their programs.
2. If a candidate who has applied to a program offered by the Department of Physics, has
 - a. won Gold Medal in Mathematics olympiad in 2024
 - b. got selected and participated for the Indian team in Physics olympiad in 2024
 - c. won Silver Medal in Physics olympiad in 2023
 then (s)he will be awarded 125 points (25 points for 2024 and 100 points for 2023) only, while computing the score for preparing the SRL for the programs offered by the Physics department. If the same candidate has applied to a program in the Computer Science and

Engineering department, then (s)he will be awarded $150+25+100 = 275$ points while computing the score for preparing the SRL for the programs offered by Computer Science & Engineering department, as both the subject olympiads are considered for admission to programs in Computer Science and Engineering.

Tie breaking: In the event that there are candidates with the same score applying for the same program, the following tie-breaking criterion will be adopted for each program.

- Level 1: A candidate with a larger number of international gold medals in the olympiads considered for the particular program will be ranked higher. Similarly for silver and bronze medals in that order. If the scores remain the same even after this exercise, Level 2 tie-breaking will be used.
- Level 2: The order given by the program/department will be used to break the tie. That is, a candidate with more points from Olympiad A will be ranked higher compared to candidates with more points from Olympiad B, if Olympiad A is preferred over Olympiad B by the department/program. If the scores remain the same even at Level 2, then Level 3 tie-breaking will be used.
- Level 3: In case of a tie at both Level 1 and Level 2, then the candidates will be asked to submit a certified letter from their board about the highest marks in each subject, and the following formula will be used to decide the score for the candidate which in turn will be used to rank them.

$$\text{Normalized Aggregate Mark} = \frac{M_{MA} + M_{PH} + M_{CH}}{HM_{MA} + HM_{PH} + HM_{CH}}$$

where M_{MA} , M_{PH} , M_{CH} marks are respective marks in Mathematics, Physics, and Chemistry, and the HM represents the highest marks scored by any candidate in that year as per the certificate from the board.

In case the tie continues at Level 3 also, an additional supernumerary seat will be created.

The admission process through SCOPE will not be through the Joint Seat Allocation Authority (JoSAA) portal but on a separate portal (<https://ugadmissions.iitm.ac.in/scope/>) maintained by IIT Madras, where other IITs interested in offering seats through SCOPE may also participate.

IITM-SCOPE portal is to be used exclusively for admission to various academic programs at IIT Madras under SCOPE admission only. The candidates are required to apply separately on JoSAA portal for the academic programs at IIT Madras and/or other IITs where the seats are offered through JoSAA.

The SRL rank of all the candidates will be displayed in the portal (accessible through their respective logins) along with Round 1 Allotment of seats (this will be synchronized with Round 2 allotment of JoSAA).

SEAT ALLOTMENT

The SCOPE mode of admission will have a time limit within which the students must submit their supporting documents in advance for verification. The timeline of SCOPE admission will be synchronized with JoSAA 2025 from Round 2 onwards. The detailed schedule of the SCOPE admission process is given below.

| Activity | Date and Time |
|---|---------------------------|
| SCOPE Application Window Opens | 03 June 2025 at 17:00 hrs |
| SCOPE Application Window Closes | 09 June 2025 at 17:00 hrs |
| Announcement of candidate eligibility after preliminary verification of certificates of achievement | 19 June 2025 at 17:00 hrs |
| Round 1 Allotment and Display of SRL Rank | 21 June 2025 at 17:00 hrs |
| Last Date for Payment of Seat Acceptance Fee | 25 June 2025 at 17:00 hrs |
| Resolution of Fee Payment Issues | 26 June 2025 at 17:00 hrs |
| Last Date for Withdrawal of Seat | 26 June 2025 at 17:00 hrs |
| Last date for Responding to Queries (if any) raised by Document Verification Officers | 27 June 2025 at 17:00 hrs |
| Round 2 Allotment | 28 June 2025 at 17:00 hrs |

| | |
|---|---------------------------|
| Start of Withdrawal from SCOPE | 29 June 2025 at 10:00 hrs |
| Last Date for Payment of Seat Acceptance Fee | 02 July 2025 at 17:00 hrs |
| Last Date for Withdrawal of Seat | 02 July 2025 at 17:00 hrs |
| Resolution of Fee Payment Issues | 03 July 2025 at 17:00 hrs |
| Last date for Responding to Queries (if any) raised by Document Verification Officers | 03 July 2025 at 17:00 hrs |
| Round 3 (Final Round) Allotment | 04 July 2025 at 17:00 hrs |
| Start of Withdrawal from SCOPE | 05 July 2025 at 10:00 hrs |
| Last Date for Payment of Seat Acceptance Fee | 08 July 2025 at 17:00 hrs |
| Last Date for Withdrawal of Seat | 08 July 2025 at 17:00 hrs |
| Resolution of Fee Payment Issues | 09 July 2025 at 17:00 hrs |
| Last date for Responding to Queries (if any) raised by Document Verification Officers | 09 July 2025 at 17:00 hrs |

For the academic year 2025-2026, the SCOPE admission will consider the scores obtained by the candidates only in the subject olympiads mentioned in item C of Eligibility Criteria.

Two seats per academic program will be allotted in all the B.Tech., B.S. and Dual Degree programs of IIT Madras under this scheme. Of the two seats in each program, one seat will be female-only, and the other will be gender-neutral.

After a seat is allotted to a candidate in Round 1, (s)he MUST “Accept” or “Reject” the allotted seat before the deadline for the payment of the seat acceptance fee. If the candidate rejects the seat, (s)he will be removed from the SCOPE seat allotment process permanently. If the candidate accepts the seat, they should (1) pay the Seat Acceptance Fee before the deadline specified and (2) choose one of the two options (“Freeze” or “Slide”) described below.

Freeze – If the candidate chooses the “Freeze” option, it means that the candidate accepts the seat and is not interested in waiting for any other seat in other departments (which are higher up in his/her preference list) at IIT Madras. **The candidate has to pay the seat acceptance fee and submit the**

proof of withdrawal/exit from JoSAA 2025 if (s)he participated in JoSAA 2025. If the candidate does not submit the withdrawal/exit form and also has not submitted the declaration in [Annexure 2](#) (to be submitted at the time of registration for SCOPE admission), the seat will be cancelled.

Slide – If the candidate chooses the “Slide” option, it means (1) the candidate accepts the allotted seat, and (2) the candidate would like to be considered for the next round in SCOPE admission for a seat in an academic program of his/her higher preference if a vacancy arises. In case, the candidate does not get a better allotment by the third round, **the candidate should take the already accepted seat and submit the proof of withdrawal/exit from JoSAA 2025 if (s)he participated in JoSAA 2025.** If the candidate does not submit the withdrawal/exit form and also has not submitted the declaration in [Annexure 2](#) (to be submitted at the time of registration for SCOPE admission), the seat will be cancelled.

Withdrawal from SCOPE Admission

If a candidate accepts a seat allotted through SCOPE admission, and would like to withdraw from the admission process later, then (s)he must submit the duly filled withdrawal form included in the [Annexure 1](#) of this document.

Eligibility to participate in SCOPE admission process in future

If a candidate accepts a seat allotted through SCOPE admission, (s)he will not be eligible for admission through SCOPE at IIT Madras in future. The candidate may withdraw from the SCOPE admission process without accepting a seat, and in such a case, they may be eligible to participate in SCOPE admission, provided they also satisfy the other eligibility conditions announced by the respective SCOPE admission business rules.

SEAT ACCEPTANCE FEE

The candidates should pay a Seat Acceptance Fee (SAF) upon accepting the allotted seat. The seat acceptance fee is Rs. 30,000 for General, Gen-EWS and OBC-NCL category students and for all others, it is Rs. 15,000. The SAF, excluding a processing fee of Rs. 5,000 will be adjusted against the first-semester admission fee to be paid at the time of joining the institute.

If a candidate later validly withdraws from the seat allocation process, then the seat acceptance fee paid will be refunded after deducting the withdrawal processing charges of Rs. 7000. If a candidate's seat is cancelled due to not meeting the eligibility criteria or due to unresolved discrepancy(ies) in the uploaded document(s), then the seat acceptance fee paid will be refunded after deducting the processing charges of Rs. 5000.

The SAF can be paid online using the payment gateway options provided on the SCOPE portal.

GRIEVANCE REDRESSAL / QUERIES

- In case of any query/grievance with respect to the admission process, please contact: 044 2257 8220 or email us at ugadmissions@iitm.ac.in
- The decision(s) by the concerned authorities with regard to such grievance shall be final.

Appendix - A

List of Documents to be uploaded by Candidates for Online Reporting [for Admission to IIT Madras through Science Olympiad Excellence]

1. Class X Mark Sheet/Certificate or Aadhar Card or Birth Certificate (for Date-of-Birth)
2. Class XII Mark Sheet (or equivalent Qualifying Examination)
3. Certificate/Proof of Science Olympiad camp participation or winning a medal at an appropriate venue as mentioned in the item C of Eligibility Criteria.
4. Certificate of SC/ST category, if applicable [in the format provided in the application portal, issued by the competent authority]
5. Original Certificate for Persons with Disabilities (PwD), if applicable [in the format provided in the application portal, issued by the competent authority or UDID card]
6. Crossed Bank Cheque copy / Image of Passbook with bank account details
7. Medical Certificate [in the format provided in the application portal, issued by the competent authority]
8. OCI/PIO card, if applicable
9. Passport / Citizenship certificate, if applicable
10. Declaration given in [Annexure 2](#), if applicable.

Note: If the original certificates are not in English/Hindi, English/Hindi version/translation of such certificates, duly certified by the Principal/Director or other competent authority of the graduating Institute, will be required during the verification of documents.

Appendix - B

List of Eligible International Olympiads Considered for Admission through SCOPE

| # | Science | Acronym |
|---|---|---------|
| 1 | International Mathematical Olympiad | IMO |
| 2 | International Physics Olympiad | IPhO |
| 3 | International Chemistry Olympiad | IChO |
| 4 | International Olympiad in Informatics | IOI |
| 5 | International Biology Olympiad | IBO |

Annexure 1**Form for Withdrawal of Allotted Seat through
SCOPE Admission in IIT Madras**

(To be printed out, signed, scanned and uploaded on the application portal by the candidate while applying for withdrawal. This form will not be accepted or processed unless it contains the signature of the parent / guardian)

I, _____ (Candidate's Name), bearing the Application number _____ have been allotted a seat through SCOPE admission in the UG Program _____ in the Indian Institute of Technology Madras. My father's name is _____ .

I would like to withdraw my allotted seat (by not accepting the same) and I do not want to be considered for seat allocation/allotment of UG program _____ at IIT Madras due to the following reasons:

I understand that any seat allocated to me shall stand cancelled and I will be out of the SCOPE Admission process in 2025.

(Signature of the Candidate)

(Signature of the Parent/Guardian)

Name:

Name:

Date & Place:

Relationship:

Annexure 2**Declaration by the Candidate about non-participation in JoSAA 2025
and seeking admission through SCOPE mode in IIT Madras**

(To be printed out, signed, scanned and uploaded on the application portal by the candidate as a part of the documents to be uploaded. This form will not be accepted or processed unless it contains the signature of the parent / guardian. This form should be submitted at the time of registration for SCOPE admission.)

I, _____ (Candidate's Name), bearing the Application number _____ would like to apply for SCOPE admission at the Indian Institute of Technology Madras. My father's name is _____ and my mother's name is _____.

I declare that I am not participating in JoSAA 2025.

I understand that my seat will be cancelled if it is found subsequently that I have participated in JoSAA 2025.

(Signature of the Candidate)

(Signature of the Parent/Guardian)

Name:

Name:

Date & Place:

Relationship: