



# IISER Admissions 2021

## SEAT ALLOCATION

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There are three **channels of admission** to Indian Institutes of Science Education and Research (IISERs):

- A. Kishore Vaigyanik Protsahan Yojana (KVPY) channel
- B. Indian Institutes of Technology (JEE Advanced) channel
- C. State and Central Boards (SCB) channel

This document summarizes how the allocation of seats will proceed for each channel after the closure of the application portal.

## 1 Rank List Preparation

- For candidates applying through the **KVPY admission channel**, a common rank list for each category will be prepared from the category rank list obtained from KVPY by giving equal preference to SX, SA and SB.
- For candidates applying through the **JEE admission channel**, the JEE(Advanced) category rank list will be used for the allocation.
- For candidates applying through the **SCB admission channel**, Common Merit List (CML) and a category-wise merit list of candidates is to be prepared from IAT2021 scores and will be used for allocation.
  - A correct answer is awarded +3 marks, an un-attempted question is awarded 0 marks and a wrong answer is awarded ,-1 mark.
  - After reviewing objections, revision of marks, if any (informed on website), are incorporated.
  - Ties in the marks which will be broken by the process described in Annexure-1.
  - If for some students ties still cannot be broken after the 5-point degeneracy breaking rule (Annexure-1), they will retain the same ranks in the final SCB common rank list.
  - This rank list is then amalgamated with the choice and category list thus a final

category- wise list is prepared for allotments. Category rank lists will be prepared for the following categories: Gen, Gen-EWS, OBC-NCL, SC, ST.

- All candidates would be eligible for the Gen category (if the common rank is available) and will be considered in this category unless allocation in a program of higher preference is possible from their respective categories, if applicable. If a candidate is eligible for the same seat when considered via [OBCNCL or EWS or SC or ST] AND [PwD or KM] lists, the candidate will be counted as one under [OBCNCL/EWS/SC/ST] list. If a candidate is eligible for the same seat when considered via PwD & KM lists, the candidate will be counted as one allotted under the PwD list.

## 2 Allocation Policy

After the merit list for each channel is prepared, the Chairperson will authorize allotments based on the following policies.

- *For any admission channel, a candidate is allocated a seat based on his/her rank in the corresponding rank list, his/her **category (Gen/Gen-EWS/ OBC-NCL/ SC/ST/PwD/KM)**, choice of IISER and vacancy in that IISER.* The allocation would respect the Government of India norms of reservation (with respect to the admission category) for each IISER.
- The number of seats allotted to an IISER in a given category (for any particular admission channel) will be in proportion to the number of seats available at a given IISER in a given category, as well as the number of eligible applicants in that category. JAC Chair will provide the category-wise cutoffs in every round to calculate the number of eligible applicants.
- Between any two candidates of a given admission category of a given channel, the candidate with the higher rank (lower numerical value) will be allocated first. For any candidate of a particular admission category for a given channel, the allocation will follow the candidate's preference of IISER if there is a vacancy. In case there is no seat available at the IISER which is the candidate's first preference, allotment will be made to the second ranked IISER (as per the candidate's preference list), and so on.
- For any admission channel, if multiple students of a particular category have the same rank (after tie-breaking in case of SCB) and apply for the same IISER and academic program, requisite number of supernumerary seats will be created, if necessary, and offered to all students.
- Once a candidate is allocated a seat for the first time, she/he must pay the requisite SAF to accept the offer and either freeze or float. A candidate will be considered for allocation in the subsequent rounds only if the requisite seat acceptance fee (SAF) has been paid online (within the specified deadline) and the application is complete in all respects. Candidates will be given a few days to confirm their admission by paying the **Seat Acceptance Fee (SAF)**. As per the decision of IAB, the fee is Rs. 35,000/- (Rs. 25000 + Rs. 10000/- non-refundable for GEN, OBC-NCL and EWS categories and Rs. 17500/- (Rs 12,500/- + Rs. 5000/- non-refundable) for SC and ST categories for 2021 admissions. This **SAF is to be paid only for the first offer**. Failure to pay SAF will result in removal of the candidate from subsequent rounds of allocation.

- Full refund will be given if a candidate withdraws his/her seat before the withdrawal deadline of the particular admission channel. Otherwise, a non-refundable amount may be deducted. Withdrawal Policy provides further details.
- The candidate who is offered his/her first choice will not have the float option. She/he must accept and freeze the seat allocated or reject it.
- A candidate who has not been allocated the IISER of their first choice but has accepted the offer by paying the Seat Acceptance Fee (SAF) on the counselling portal, can opt to **float (open to re-allocation to a seat of candidate's higher preference in subsequent rounds)**, can **freeze** his/her seat (**accepting allocation as final**), or may reject the seat.
- In case of inaction, the float option for a candidate is activated by default for all candidates who have paid the seat allocation fee. However, a student may choose to freeze the option allotted to them, in which case the float option will be disabled for them in the following rounds.
- The number of float rounds combined with fresh offers to fill up available seats (using candidates of lower rank not offered seats in the previous round) is within the purview of the Chairperson, JAC.
- Since not all candidates who are offered a seat accept the offer, the vacancy list could be augmented in every round to ensure all seats are filled up, always ensuring that at the end of allocation for a given channel, within every category, a candidate with a higher rank (lower numerical value) is allotted an IISER of higher preference of his/her choice compared to a candidate with lower rank (higher numerical value).
- No transfer of seats from one category to another category will be allowed.
- Seats vacant after allocation through KVPY and IIT-JEE streams will be filled up using successful candidates from the SCB channel

### 3 Guidelines for Candidates:

1. In any round, a candidate is allocated his/her highest preference subject to vacancy. A candidate when offered the seat for the first time, may opt for freeze/float option or may **reject the seat**. To freeze the allocation or float, a candidate must pay the SAF within the specified deadline. This **SAF is to be paid only for the first offer**.
2. **The first time a seat is allocated**, the Decision to float or freeze will not be activated unless the Seat Acceptance Fees (SAF) is paid. For any successive rounds, SAF need not be paid again.
3. Candidates who choose the "Accept and float" option will be considered for the successive counselling rounds.
4. Candidates who choose the "Accept and Freeze" option will be allocated the seat and won't be considered for successive rounds.
5. Candidates who choose the "Reject" option will not be considered for successive rounds.
6. **Not paying SAF or not taking any action when a seat is allocated for the first time, will be understood as rejection of the seat by the candidate. No further allocation will be done for that candidate.**
7. After paying SAF, candidates may withdraw from the process of seat allocation by using the **Withdraw** tab. Withdrawing before the Withdrawal Deadline will not be penalized.

Withdrawing after the Withdrawal Deadline or not taking admission at the allocated IISER will be penalized. Check the Withdrawal policy on the website.

8. Not taking any action in successive rounds of float **after paying SAF**, will NOT be considered as rejection of the seat by the candidate. Such seats will be considered for 'float' - until the last round. In the last round, if Decision is still not selected, seats will be frozen and allocated.
9. Candidates who accept the offer by paying SAF,
  - if they have been allotted the IISER of their first choice: will be deemed frozen for the subsequent float rounds. Only Withdraw option will be available.
  - if they have been allotted their second/lower choice: will be allowed to exercise freeze or float or **withdraw**. The float option for a candidate is activated by default in case candidate doesn't perform any action.
10. At the end of the last round any candidate who has not frozen or withdrawn, will be by default offered the his/her best preference available in that round and his/her seat should be frozen if the SAF has been paid.
11. Withdrawal option will be available till allocation portal is active, for all candidates who have paid the seat allocation fee. This applies to all admission channels. For withdrawal at any point, candidates will go through an OTP-based confirmation.
12. A **withdrawal deadline** will be set for each admission channel after the first few rounds and notified on the website.
13. [Reiteration] To finally accept (or freeze) offers, candidates must
  - Pay SAF when any seat is offered for the first time, and
    - I. Either exercise the freeze option failing which, by default, float will be activated, or
    - II. Wait/Float till Last round of allocation, in which, all offers will be assumed to be frozen
14. Withdrawal Policy (in brief) :
  - Full refund has to be given if the candidates withdraw the seat before the withdrawal deadline.
  - Rs. 10000 will be deducted if withdrawal is after Withdrawal Deadline
  - After the end of the last round of allocation, candidates with provisional offers are expected to go through admission process at individual IISERs. **Not taking admission will bar the candidate from applying to IISERs in following years.**
15. Once the allocation is over, successful candidates will be able to view the allocation on the website and will be able to download their offer letter along with the relevant admission forms and other documents.

## 4 Withdrawal Policy

Candidates who have paid SAF for all channels of admission are considered eligible for float option(s). However, they can withdraw their application through the application portal till a certain date for every channel (will be shared and also declared on the website). Once a candidate withdraws the application, the seat will be considered vacant and refund will be granted as per the refund policy.

### 4.1 Refund Policy

Refund policy for the Application Fee is as follows:

- The application fee is not refundable.

Refund policy for the Seat Acceptance Fee is as follows and will be displayed prominently on the admission website once the seat allocation starts.

1. The withdrawal window will be available as long as allocation of that particular admission channel goes on.
2. If the candidate selected through KVPY/JEE/SCB channels withdraws his/her claim to a seat any time before the deadline specified by JAC, no cancellation fee will be applicable.
3. After the withdrawal deadline, a cancellation fee of Rs. 10000 (or Rs 5000 – for candidates of SC/ST categories) will be applicable.
4. How to withdraw your seat/offer: The candidate can withdraw his/her seat/offer by pressing the button “Withdraw your Seat” available on the allocation portal using their login credentials.
5. IISERs and JAC are not liable for losses incurred if the application is not withdrawn in the above manner and on or before the withdrawal deadline.
6. Withdrawal is possible ONLY online through the counselling portal until the channel-wise withdrawal deadline. No other form/method of withdrawal is accepted.
7. Once the candidate has withdrawn the offer through the counselling portal, the amount due will be returned to the credit card, debit card or the bank account, which was used to pay the SAF. Such candidates do not have to take any additional steps towards their SAF refund. Refund process would start in parallel to allocation but may take 2-3 weeks for the money to be refunded.
8. If the candidate fails to join in person at the offered IISER on the joining date mentioned in the offer letter of the respective IISER, the cancellation fee decided by the concerned IISER will be applicable. Further, candidates who have paid SAF but fail to show up by the last date of admission fee payment at the concerned IISER **will not be considered for further rounds of admission. Also, such candidates will be debarred from admission to IISERs (for BS-MS and/or BS programmes) in the future.**
9. If the candidate decides to discontinue after joining any particular IISER, the refund policy of that IISER will be applicable.

## Annexure-1 [Five-point degeneracy breaking rule for SCB rank list]

In order to break the degeneracy of total marks obtained in IAT 2021, the rule in IAT 2020 will be followed. The difficulty index was calculated of all the problems that were solved correctly by each candidate. This generated a number for each candidate which was unique. The calculations of this cumulative difficulty index for each candidate was done as follows:

1. Firstly, the difficulty index associated with each question based on the data of all candidates for that question was calculated. For Question No.  $p$  the following data from the result of IAT 2021 was obtained:

Number of right answers for Question No.  $p$ :  $N_R^p$

Number of wrong answers for Question No.  $p$ :  $N_W^p$

Number of candidates who left the question unattended  $p$ :  $N_L^p$

Based on these, two aspects of difficulty associated with each question were calculated:

a) Repulsive Index:  $r_p = \frac{N_L^p}{N}$

b) Tricky Index:  $t_p = \frac{N_W^p}{(N_R^p + N_W^p)}$

Note that for each question,  $r_p, t_p$  belong to interval  $[0,1]$ . Then, these two aspects of difficulty are combined by calculating the difficulty index for Q. No.  $p$  as,

$$d_p = \sqrt{\frac{r_p^2 + t_p^2}{2}}$$

Again,  $d_p$  belongs to the interval  $[0,1]$ .

2. Having obtained this index for each question, next, each candidate was considered and the difficulty indices of all the questions that this candidate answered correctly was summed. This number turned out to be unique for each candidate and the degeneracy, in most cases was successfully broken.
3. To break degeneracy of remaining cases, the following 5-point rule was applied to get a unique rank for the candidate by breaking the degeneracy.

#### 5-point Degeneracy Rule followed for preparing rank list in IAT-2021

First Rule: Computation of difficulty index for each question and sum the difficulty index of all the questions that this candidate answered correctly. Kept 4 decimal places accuracy for calculation. (Refer to the steps mentioned above for preparing the difficulty index)

Second Rule: If first rule fails

Step 1: Find out the questions where top 20 percentage candidates have answered correctly. Step2:

Sum up the difficulty index of those questions (answered correctly) for each candidate

Step 3: Higher index will be given priority

Third Rule: If Rule I and Rule II fails

Step 1: Find out questions where 60 percent of candidates have unanswered

Step2: Sum up the difficulty index of those questions answered correctly by each candidate Step 3:

Higher index will be given priority

Fourth rule: If above rule fails

Candidates scored more marks in Physics will be given higher priority

Fifth rule: If above rule fails

Candidates scored more marks in Chemistry will be given higher priority

