Selection Policy for non-JRF programmes in Admission 2022-2023

1 Description of admission process for a programme run by the Institute

Each applicant takes one or two written tests, the number of written tests being fixed for each programme. Based on their performance in the written test(s) the applicants are called for an interview. If a candidate fails to appear in the interview his/her candidature is cancelled.

The decision to place an applicant in the final Merit List is based on a composite score derived on the basis of his/her performance in written test(s) and the interview.

The final selection of an applicant is based on a stage-wise process. Each stage comprises

1. preparation of a score-list (i.e. list of scores obtained by all applicants or by applicants who are shortlisted from the previous stage),

2. determination of Qualifying Score (if not pre-declared) from a pre-declared number n for the given stage: The score of the n-th candidate in the scorelist will be determined as the qualifying score q for that particular stage,

3. shortlisting of candidates by applying the Qualifying Score,

4. preparation of a list of applicants who have qualified to proceed to the next stage (hereafter referred to as shortlisted applicants).

GATE Channel of admission to M. Tech (CS) and M. Tech (CrS) programmes:

- A second channel of admission to the M. Tech (CS) and M. Tech (CrS) programmes is available to GATE qualified candidates. The candidates applying through this channel must have a valid GATE score - qualifying score for GEN and EWS category is 750 (out off 1000); the same for OBC-NCL category and for SC/ST/PwD category are 675 and 525 respectively. The candidates shortlisted on the basis of GATE score will be called directly for an interview. If a candidate fails to appear in the interview his/her candidature is cancelled.

2 Preparation of score lists and stage-wise shortlisting

- *First score list:* All answer scripts from Written Test I are graded. The tabulated score sheet of scores obtained in Written Test I by all candidates is the first score list.

- **Stage I Shortlisting for a programme with N declared seats:**
  - A number $n_1 > N$ is pre-declared. The score of the n_1-th candidate in the first score list (in rank order) will be set as the *Stage I Qualifying Score q_1*.
  - The qualfing score for GEN/EWS will be q_1; the qualifying score for OBC-NCL will be $0.9 \times q_1$ and the same for SC/ST/PwD will be $0.7 \times q_1$.
  - All candidates whose scores are equal to or above the respective (category wise) qualifying score will be deemed to have been shortlisted in Stage I.

- *Second score list:* Written Test II answer scripts of candidates shortlisted in Stage I (see above) are graded.

  - **Stage II shortlisting for a programme with N declared seats:**
    - Two numbers, $A_1 \geq 0$ and $B_1 \geq 1$, may be pre-declared. (If not pre-declared then set $A_1 = 0$ and $B_1 = 1$.) Weighted sum of scores for stage II (WSSII) is computed for all candidates shortlisted in Stage I:

      $$WSSII = A_1 \times \text{Written Test I Score} + B_1 \times \text{Written Test II Score}.$$

      The tabulated score sheet of *WSSII* obtained by the candidates who were shortlisted in Stage I, is the second score list.
    - A number n_2 ($N < n_2 < n_1$) is pre-declared. The score of the n_2-th candidate in the second score list (in rank order) will be set as the *Stage II Qualifying Score q_2*.
    - The qualifying score for GEN/EWS will be q_2; the qualifying score for OBC-NCL will be $0.9 \times q_2$ and the same for SC/ST/PwD will be $0.7 \times q_2$.
    - All candidates whose scores are equal to or above the respective (category wise) qualifying score will be deemed to have been shortlisted in Stage II.

- *Third score list:* All stage II shortlisted (see above) candidates are called for interview.

  - **Stage III shortlisting for a programme with N declared seats:**
    - Three numbers, $A_2 \geq 0$, $B_2 \geq 1$ and $C \geq 1$, are pre-declared. Weighted sum of scores for stage III (WSSIII) is computed:

      WSSIII = $A_2 \times$ Written Test I Score + $B_2 \times$ Written Test II Score + $C \times$ Interview Score.

      The tabulated score sheet of *WSSIII* obtained by the candidates who were shortlisted in Stage II, is the third score list.
    - A number n_3 ($N < n_3 < n_2 < n_1$) is pre-declared. The lowest score of the top n_3 candidates will be set as the *Stage III Qualifying Score q_3*.
    - The qualifying score for GEN/EWS will be q_3; the qualifying score for OBC-NCL will be $0.9 \times q_3$ and the same for SC/ST/PwD will be $0.7 \times q_3$.
    - All candidates whose scores are equal to or above the respective qualifying score will be deemed to have been shortlisted in Stage III.

- *Final Rank-ordered Merit List:* The tabulated score sheet of scores obtained by the candidates after stage III shortlisting is the Final Rank-ordered Merit List. From this ranking students will be offered admission to a programme until the seats are filled in accordance with the **Reservation Policy** and **Admission Rules of non-JRF programmes**.

3   Parameters and preparation of lists

1. The ratio [C x Maximum score in Interview] : [A_2 × Maximum score in Test I + B_2 × Maximum score in Test II + C × Maximum score in Interview] will not exceed 0.25 for non-JRF programmes.

2. Not all stages mentioned in Section 2 are mandatory. However, scores of all written tests and interview will contribute towards the final selection of a candidate.

3. For programmes that use only one written test followed by interview, Stage II preparation is to be omitted.

4. For GATE Channel of admission to the M. Tech (CS) and M. Tech (CrS) programmes, the selection will be made on the basis of the GATE score and interview score. The GATE score will be treated as Written Test I score.

5. If a candidate is shortlisted at any stage under relaxed reservation norms then the candidate (if shortlisted in future stages) shall remain on the reserved category lists.

Selection Parameters for Admission 2022–2023 (Programmes other than JRF)

Programme name	Number of Sseats (N)		Maximum score			Stage-I	Stage-II			Stage III			
			Test I	Test II	Interview	n_1	A_1	B_1	n_2	A_2	B_2	C	n_3
B Stat		63	120	80	20	450	1	3	150	1	3	6	90
B Math		63	120	80	60	441	1	3	158	1	3	2	88
M Stat		38	120	120	120	228	1	2	65	1	2	1	49
M Math		24	120	80	20	144	2	7	48	2	7	13	30
MS QE	Delhi	35	120	120	120	112	1	2	67	2	4	1	57
	Kolkata	21											
MS QMS		20	120	120	50	80	1	2	40	1	2	1	30
MS LIS		12	120	100	100	60	1	2	18	1	2	1	18
M Tech CS	ISI Test Channel	30	120	100	40	150	2	4	75	2	4	5	42
	GATE Channel	15	1000	NA	30	38	NA	NA	NA	7	NA	100	21
M Tech CrS	ISI Test Channel	20	120	100	40	100	2	4	50	2	4	5	28
	GATE Channel	5	1000	NA	30	13	NA	NA	NA	7	NA	100	7
M Tech QROR		32	120	120	120	128	2	3	36	3	5	2	33
PGD SMA	Chennai	25	120	NA	20	70	NA	NA	NA	1	NA	2	52
	Tezpur	18											
	Tezpur, Domicile	18	120	NA	20	29	NA	NA	NA	1	NA	2	22
PGD AS Online		30	120	NA	20	60	NA	NA	NA	1	NA	2	36
PGD ARSMA		18	120	NA	30	30	NA	NA	NA	1	NA	1	24