

DEPARTMENT OF EARTH SCIENCES, IIT KANPUR

Selection Criteria for M.TECH. (GEOLOGICAL TECHNOLOGY) PROGRAMME admissions for the year 2026-27-I Semester for Full-Time/P.T./Direct IIT Admission

Please refer to the below mentioned:

<https://iitk.ac.in/doaa/pgadmission/eligibility-requirement.php>

<https://iitk.ac.in/doaa/pg-manual>

Shortlisting criteria:

1. We have used only GATE score for the selection based on the data provided by the PG office.
2. We have used different cut-offs for candidates with GG background and “others”.
3. Among candidates of backgrounds other than Geology-Geophysics (GG), while preparing the merit list, we have equal preference to Civil Engineering (CE), Environmental Science (ES), Physics (PH), Chemistry (CY), Geoscience Engineering (GE), Petroleum Engineering (PE), Mining Engineering (MN), Data Sciences & Artificial Intelligence (DA), Agriculture Engineering (AE).
4. As per the admission guidelines a “Global merit list (GML)” is prepared, in which the candidates are shortlisted based on the cut-offs listed below. These candidates are arranged in the GML according to Merit Score (Y) as calculated using the following formula (provided by PG office).

$$Y = \frac{X - X_{min}}{X_{max} - X_{min}}(Y_{max} - Y_{min}) + Y_{min}$$

where,

X_{max} = Maximum GATE score of candidates in a discipline

X_{min} = Minimum GATE score of candidates in a discipline

X = GATE score of a candidate in a discipline

Y_{max} = Maximum Merit score of candidates in a discipline

Y_{min} = Minimum Merit score of candidates in a discipline

Y = Merit score of a candidate in a discipline

The parameters used for merit score calculation is as follows.

Merit list	Xmax	Xmin	Ymax	Ymin
GG	737	252	1000	300
Others	762	307	500	200

Cut-off scores and shortlisting:

The distribution of GATE scores and the cut-offs used for each discipline and under each category are as follows:

Category	Seat allotted	Subject	Max Gate	Min Gate	Gate Cutoff
GEN	10	GG	631	398	395
		Other	762	222	420
OBC-NCL	7	GG	737	356	300
		Other	598	312	350
EWS	3	GG	504	350	300
		Other	482	482	350
SC	4	GG	536	252	200
		Other	399	190	300
ST	2	GG			200
		Other	223	223	300
PWD		GG			200
		Other	222	222	300
Other: All	26				

Indra Sen	Amar Agarwal	Rabiul H Biswas	Thupstan Angchuk	Animesh Mandal	Nanditha J S
(Chairman)	(Member)	(Member)	(Member)	(DPGC member)	(External member, KSS)