# GATE 2020 Scorecard

**Graduate Aptitude Test in Engineering**

**Name**

CHANDANA CHANDRASHEKHAR HEGDE

**Registration Number**

PH20S11207190

**Examination Paper**

Physics (PH)

(Candidate's Signature)

| | | |
|---|---|---|
| **Marks out of 100*** | 44 | |
| **Qualifying Marks**** | 37.2 (GEN/EWS) | 33.4 (OBC (NCL)) | 24.8 (SC/ST/PwD) |
| **All India Rank in this paper** | 1406 | |
| **Number of Candidates appeared in this paper** | 16990 | |
| **GATE Score** | 451 | |

**Valid from March 18, 2020 to March 17, 2023**

**Qualified**

**March 18, 2020**

\* Normalized marks for Civil Engineering and Mechanical Engineering Papers
\*\* A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard

**Prof. B. R. Chahar**
Organizing Chairman, GATE 2020
(on behalf of NCB – GATE, for MHRD)

4dc9bb95787bc6066135c517ba7b177c

Qualifying in GATE 2020 does not guarantee either an admission to a post-graduate programme or a scholarship/assistantship. Admitting institutes may conduct further tests or interviews for final selection.

In the GATE 2020, the qualifying marks for a general category candidate in each paper is $\mu + \sigma$ or 25 marks (out of 100), whichever is greater, where $\mu$ is the mean and $\sigma$ is the standard deviation of marks of all the candidates who appeared in the paper. The qualifying marks for OBC(NCL) and SC/ST/PwD candidates are 90% and two-third of a general category candidate in the paper respectively.

The GATE 2020 score was calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q)\frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where

$M$ is marks (out of 100) obtained by the candidate in the paper
$M_q$ is the qualifying marks for general category candidate in the paper
$\bar{M}_t$ is the mean of marks of top 0.1% or top 10 (whichever is greater) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)
$S_q = 350$, is the score assigned to $M_q$
$S_t = 900$, is the score assigned to $\bar{M}_t$

In multi-session (Civil Engineering and Mechanical Engineering) papers, the normalized mark of $j^{th}$ candidate in the $i^{th}$ session $\hat{M}_{ij}$ was computed using the formula

$$\hat{M}_{ij} = \frac{\bar{M}_t^g - M_q^g}{\bar{M}_{ti} - M_{iq}}(M_{ij} - M_{iq}) + M_q^g$$

where

$M_{ij}$ is the actual marks obtained by the $j^{th}$ candidate in $i^{th}$ session
$\bar{M}_t^g$ is the average marks of the top 0.1% of the candidates considering all sessions
$M_q^g$ is the sum of mean and standard deviation marks of the candidates in the paper considering all sessions
$\bar{M}_{ti}$ is the average marks of the top 0.1% of the candidates in the $i^{th}$ session
$M_{iq}$ is the sum of the mean marks and standard deviation of the $i^{th}$ session

Graduate Aptitude Test in Engineering (GATE) 2020 was organised by Indian Institute of Technology Delhi on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Human Resources Development (MHRD), Government of India.