

## JEE: Panel finalises 'normalising' process for Class XII marks

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**New Delhi :** The expert committee set up to work out a fair method for “normalising” Class XII board results across 29 different school boards in order to ensure a level playing field for the reworked Joint Entrance Examination, 2013, has finally zeroed in on a normalisation scheme after months of discussion. As per the normalisation scheme, inputs from two percentile-based methods will be used on 50:50 basis to ensure that students from across school boards are at parity, said sources.

### Decoding JEE

As per the reworked JEE, 40 per cent weightage will be given to Class XII results in JEE (Main), which was held on April 7. The JEE (Advanced), which will determine admissions to IITs, will be held on June 3. While JEE (Main) will determine admissions to all NITs and a range of engineering colleges, it will also serve to screen 1.5 lakh students for eligibility to appear for JEE (Advanced). The success of this format hinges on ‘normalisation’ of board scores varying widely — the scoring methodology say in the UP school board differs widely from CBSE.

### Methodology

#### Method 1

The percentile of a student will be computed on the basis of aggregate marks in his board from five subjects and then JEE (Main) aggregate marks corresponding to the percentile at all India level will be determined to yield the normalised board score of the student.

#### Method 2

The percentile of a student (say from the Karnataka board) will be computed on the basis of aggregate marks in five subjects. Step two will determine the JEE (Main) aggregate marks corresponding to percentile among the set of aggregate scores obtained in JEE (Main) by students of only that board to yield the normalised board score of the student — to ensure state board specific factors are considered.

The final normalised score of a student will be arrived at by taking inputs from both the above methods on 50:50 basis.

Five subject marks will be used for aggregation in 2013 in keeping with the emphasis on school studies — these are Physics, Mathematics, any one subject from among Chemistry, Biology, Biotechnology, Computer Science, one language, and any subject other than the above four subjects.

### Merit list

While normalising board marks, it has been recommended that an accuracy of upto 8 digits after decimal should be maintained while evaluating percentile and equivalent marks to help break a tie between students.

Composite score/ percentile of a student in the final merit list should display up to 5 places after decimal. The merit list will consist of the JEE (Main) roll number, name of the board, year of clearing the board examination, board roll number, normalised composite score and all India rank of each student appearing in JEE (Main) 2013.

While the committee was divided at first over which of these methods should be used for normalisation, the view that has emerged after rounds of deliberations is that both the above methods be used and an actual average of the

these two percentile scores be employed for normalisation.

#### Proposed timeline

- \* Class XII results by boards: May 25-June 10
- \* Obtaining results database from boards: May 25-June 10
- \* Mapping of roll numbers & authentication of students: June 1-15
- \* Computation of board percentiles: June 1-20
- \* Computation of normalised Board scores, composite scores and rank list: June 20-30
- \* JEE Main results: July 1