

Subject: Re: RE: Re: normalisation
From: sdebasis@isical.ac.in
Date: Tue, April 16, 2013 8:14 pm
To: rajeshsingh.edu@nic.in ([more](#))
Cc: amitasharmahrd@gmail.com

Dear Mr. Singh,

I shall be traveling during the next two days, and may not have regular access to email.

I welcome Prof. Sarangi's argument of "delinking the 40% from JEE". I am reminded of a couple of points of confusion (related to this issue) among NIT Council members, which I had noticed. I attach a one-page clarification on these points.

Regards,

Debasis Sengupta

Clarification of some points possibly misunderstood by some council members

1. S.K. Joshi committee report did not recommend two options. After comparing two short-listed procedures, it recommended only the one that has been referred to as Procedure 1. Prof. Joshi himself clarified this towards the end of the meeting. The other short-listed procedure (Procedure 2) had been favoured by Chairman-CBSE, and it has been found to favour CBSE candidates.
2. Some NIT Council members appeared to have the impression that the board performances are distorted by JEE performance under both the procedures, and as a result, the 60-40 weightage is distorted. The fact is that only Procedure 2 (not recommended in the Joshi Committee report) alters board percentiles based on JEE performance of that board.
3. JEE scores range from -50 to 350 (approximately). Board percentiles range from 0 to 100. That makes it necessary to convert JEE scores to percentiles, or to convert board percentiles to scores compatible to JEE, before 60-40 combination. Joshi Committee was asked to normalise board scores only, so the committee decided to transform board percentiles to generate scores in the -50 to 350 range, by using the JEE scores data. This is the only role played by JEE scores in normalization of board scores under Procedure 1. Like any other monotone transformation, it leaves percentiles unchanged. It does not alter relative positions of students (within or across boards) – as far as the 40% component is concerned.
4. One could have alternatively kept the board percentiles intact, and combined them with JEE percentiles (instead of JEE scores) – to arrive at a combined score. This procedure, which was suggested by Prof. Ashok Mishra during the NIT Council meeting, would produce very similar (but not exactly the same) rank list as Procedure 1. This procedure is easy to explain, and does not give the impression that board percentiles are being tampered with. The only difficulty is that the TOR needs to be interpreted rather broadly to permit its use. The members of the expanded committee may weigh these issues and take a consensus view.