

DRAFT Minutes of the 4th Meeting of the MHRD Committee for “Validation of Normalization of Marks” held on January 29, 2013 from 11.30 AM onwards in the office of Chairman CBSE, New Delhi.

The Minutes of the 4th meeting of the Committee held on January 29, 2013 from 11.30 AM onwards in the office of Chairman, 17, Shiksha Sadan, ITO, Delhi under the Chairmanship of Dr. S.K. Joshi, Chairman. The following were present in the meeting:-

1. Dr. S.K. Joshi, National Physical Lab, New Delhi - Chairman
2. Shri Vineet Joshi, Chairman CBSE, Delhi
3. Prof. I.K. Bhat, Director, MNIT Jaipur
4. Prof. P.K. Bose, Director NIT Agartala
5. Shri B.M. Gupta, Advisor, CBSE
6. Prof. Kanwar Sain, Rtd. Prof. & Head, University of Delhi
7. Prof. Abhay G. Bhatt, Indian Statistical Institute, New Delhi
8. Prof. Debasis Sengupta, ISI Kolkata
9. Shri Raj Bir Singh, Joint Secretary, JEE(Main), CBSE, Delhi
10. Dr. M. Punniyamoorthy, NIT, Trichy
11. Prof. Neeraj Misra, Deptt. of Mathematics Statistics, IIT Kanpur
12. Prof. Dayasagar, ISI Bangalore
13. Prof Hukum Chandra, Senior Scientist, IASRI, New Delhi
14. Sandeep Sancheti, Director, NIT Delhi - Member Secretary

The Chairman and Member Secretary of the committee welcomed all the members to the meeting and thanked to them for their timely inputs on various issues and chapters which were circulated to all the committee members from time to time. Meeting then proceeded with the maintask of assessing some more information regarding validation of normalization scheme. Subsequently all draft chapters of the proposed report were taken up and following were decided:-

- i) The Committee would be referred to as “Joshi Committee”.
- ii) The outline of the complete report would be provided at the end of Chapter-1 (Introduction Chapter).
- iii) Chapter-2 would be omitted from the report and merged with Chapter-1 itself by providing details of the TOR/Objectives in Chapter-1.
- iv) Chapter 3, 4 & 5 as per above changes will become 2, 3 & 4 respectively.

Authors of the Chapters 3 and 4 discussed the proposed contents in detail and suitable corrections were suggested to them for adding more useful information and explaining the proposed approach for normalization, its validation and the factors for selecting the suggested approach. They were also requested to provide requisite references for the techniques/methodologies discussed and also to supplement their findings, reported in the chapters, by providing relevant details in the appendices, wherever required.

Dr. Vineet Joshi suggested that the logic behind adopting all India data based normalization be brought out more clearly in the report.

The members also discussed the possibility of using results of more boards which were received recently by the CBSE. However, due to limitations of time, it was agreed that our report should be generated on the basis of findings and analysis already carried out. Further, it was also opined that these results would be on similar pattern. But for sake of consolidation and gaining more experience and control over normalization process before it is actually undertaken for JEE 2013, CBSE was requested that they may carry out these efforts on their own.

Though it was envisaged that the present meeting would be the last one and the report would be finalised by first week of February 2013, some of the members felt that they should meet once again in order to fine-tune the contents of their report as it is likely to attract attention of public and media in large numbers and its outcome would have far reaching affects. However it was agreed that such a meeting, if any, would be called at a short notice and the members would be informed of the same accordingly.

Appreciation was recorded for efforts made by all members for valuable inputs and preparation of the report. The meeting ended with a vote of thanks to the Chair.

(Prof. Sandeep Sancheti)
Member Secretary