

Minutes of the 1st Meeting of the MHRD Committee for “Validation of Normalization of Marks” held on October 30, 2012 from 3PM onwards in the office of Chairman CBSE, New Delhi.

The Minutes of the first meeting of the Constitution of Committee held on October 30th, 2012 from 3.00PM onwards in the office of Chairman, 17, ShikshaSada, ITO, Delhi under the Chairmanship of Dr SK Joshi. The following members were present in the meeting:-

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| 1. Dr. S.K. Joshi, Chairman, VNIT Nagpur | - | Chairman |
| 2. Dr.Vineet Joshi, CBSE, New Delhi | - | Member |
| 3. Prof. B.S. DayaSagar, Professor, ISI, Bangalore | - | Member |
| 4. Prof. I.K. Bhat, Director, MNIT Jaipur | - | Member |
| 5. Prof. S.K. Sarangi, Director, NIT Rourkela | - | Member |
| 6. Prof. S. Sundarrajan, Director, NIT Trichy | - | Member |
| 7. Ms. I.M. Sutcliffe, Director, CAER | - | Spl. Invitee |
| 8. Prof. J. Tognolini, Senior Vice President, Pearson | - | Spl. Invitee |
| 9. Shri B.M. Gupta, Advisor, CBSE | - | Spl. Invitee |
| 10. Prof. S. Sancheti, Director, NIT Delhi | - | Member Secretary |

Prof. S.K. Joshi, Chairman of the committee welcomed all the members and highlighted the importance of task assigned to the committee. He also desired that the committee should be able to complete its task of validating the normalization process within a period of two months so that the concerned policy can be made public for better clarity to potential aspirants. Dr.Vineet Joshi, Chairman CBSE and Shri B.M. Gupta, Advisor CBSE briefed about some of the efforts being undertaken by CBSE to identify and evaluate strategies for normalization. A report received from Australian Council for Education Research (ACER) was also distributed to the members.

Prof. S. Sancheti, Member Secretary to the committee briefly discussed about the RamaswamyCommittee report (circulated as an agenda) which highlighted a specific method for normalising the Board marks.

Prof. J. Tognolini, Sr. Vice President CAER andMs. I.M. Sutcliffe, Director, CAER who had shown keen interest to develop statistical based methodology in association with CBSE also shared their thoughts.

Prof. J. Tognolini presented a detailed study on five different methods through which the problem can be attempted. The methods suggested were having various degrees of freedom/limitations for its implementation in JEE 2013. These schemes generated keen interest amongst the members for identifying a useful approach. After detailed presentations and discussions the committee finalised the approach No.4 of Prof. J. Tognolini's suggestions (appended in Appendix-I).

Dr. Vineet Joshi, Chairman, CBSE informed the members that CBSE has set up another study group constituting of Faculty from IITs and other such institutions to work on this important task. It was also informed that the said committee is likely to meet on October 31, 2012 at CBSE, New Delhi. Keeping that in view, the members of the committee requested Chairman CBSE that, if possible, the said study group may be assigned the task of evaluating the approach No.4 vis-à-vis various other approaches suggested either by Prof. J. Tognolini or any other group/ individual. It was also agreed that in doing so we should provide them with the database of about 10 Board result and AIEEE results of the previous year (2012) for developing the standard normalisation procedure as well as for validating it.

Dr. S.K. Joshi, Chairman of the committee was also of the view that the committee should invite more experts from the domain of statistics to help arriving at a robust policy. Keeping this in mind it was agreed that the next meeting should be held on November 30, 2012 along with members of the said expert group constituted by the CBSE.

The meeting ended with a vote of thanks to the Chair.

(Prof. Sandeep Sancheti)
Member Secretary