

**No.M-12015/1/2011-HRD  
Planning Commission**

**Yojana Bhavan, Sansad Marg,  
New Delhi-110001  
Dated: 8<sup>th</sup> April, 2011**

**ORDER**

**Subject: Formulation of the Twelfth Five Year Plan (2012-17) – Constitution of Working Group on Technical Education – regarding.**

In the context of the formulation of the Twelfth Five Year Plan (2012-17), it has been decided to set up a Working Group on Technical Education under the Department of Higher Education, Ministry of Human Resource Development.

2. The Composition of the Working Group is at **Annexure I**
3. The Terms of Reference of the Working Group are given at **Annexure- II**
4. The Chairperson of the Working Group, if deemed necessary, may constitute sub-groups and/or may co-opt additional members.
5. The Working Group will finalize its report by 30<sup>th</sup> September 2011.
6. The expenditure on TA/DA etc. of the official members in connection with the meetings of the Working Group will be borne by the parent Department/Ministry/ Organization to which the official belongs, as per the rules of entitlement applicable to them. The non-official members of the Working Group will be entitled to TA/DA as admissible to Group I officers of the Government of India and this expenditure will be borne by the Convener Department.

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Copy forwarded to:

1. Chairperson & Members of the Working Group.
2. PS to Deputy Chairman, Planning Commission
3. PS to MOS (P&PI)
4. PS to All Members of Planning Commission
5. PS to Member Secretary, Planning Commission
6. PS to Secretary(Expenditure), Department of Expenditure
7. Ministry of Finance (Plan Finance Division)
8. PS to Secretary, Ministry of Home Affairs, New Delhi
9. Pr. Advisers/Sr. Consultants /Advisers/JS(Admn)/Heads of Division
10. I.F Cell, PC Division, Planning Commission
11. Admn. I/Accs.I/Genl I & II Sections, Planning Commission
12. Information Officer, Planning Commission
13. Library, Planning Commission

**( Shakila T. Shamsu )  
Joint Adviser (HRD)**

**Annexure-I**

**LIST OF EXPERTS FOR THE WORKING GROUP ON TECHNICAL EDUCATION– TWELFTH FIVE YEAR PLAN.**

- |   |                      |
|---|----------------------|
| 1. <b>Ms. Vibha Puri Das</b><br><b>Secretary ,</b><br><b>Department of Higher Education, MHRD</b> | <b>- Chairperson</b> |
| 2. Secretary,<br>Department of Biotechnology,<br>GOI  | Member               |
| 3. Secretary,<br>Department of Science and Technology,<br>GOI                                     | Member               |
| 4. Secretary,<br>Department of Information Technology,<br>GOI                                     | Member               |
| 5. Secretary,<br>Department of Telecommunications,<br>GOI   | Member               |
| 6. Prof. Sudhir Jain,<br>Director,<br>IIT Gandhinagar   | Member               |
| 7. Prof. Surendra Prasad,<br>IIT Delhi  | Member               |
| 8. Prof. A.K. Roy,<br>Vice Chancellor, BESU   | Member               |
| 9. Dr. P. A. Fazal Ghafoor,<br>President,<br>Muslim Education Society,<br>Kerala                  | Member               |
| 10. Prof.Sameer Barua,<br>Director,<br>IIM,Ahmedabad  | Member               |
| 11. Dr. B.V.Sangvikar<br>Prof & Head, PUMBA,<br>University of Pune                                | Member               |

12.	Prof. Debasis Chatterjee, Director, IIM, Kozhikode	Member
13.	Dr.M.D.Tiwari, Director, IIIT, Allahabad	Member
14.	Prof. Sandeep Sancheti, Director, NIT, Suratkhil.	Member
15.	Dr. Visvajeet Kadam, Secretary, Bharati Vidyapeeth, Pune	Member
16.	Dr. Uma Ganesh, CEO Global Talent Track, Pune	Member
17.	Prof. P.K. Saxena, Director, MNIT, Jaipur	Member
18.	Prof. C.I. Abdul Rahman, Director, Kerala MEA's Engg. College	Member
19.	Dr. M. P. Ravindra, Adviser, Education & Research, Infosys Technologies, Bangalore	Member
20.	Prof. E. D. Jemmis, IISER, Thiruvananthapuram	Member
21.	Prof. Mangesh T. Karad, Executive Director, MAEER's MIT, Pune	Member
22.	Prof. G.V. Siva Krishna Rao, Principal, S.K. Univ.College of Engg. & Tech., Andhra Pradesh	Member
23.	Principal Secretary (TE) Govt. of Andhra Pradesh	Member

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|-----|--|--------------------------|
| 24. | Principal Secretary (TE)<br>Govt. of Assam                       | Member                   |
| 25. | Principal Secretary (TE)<br>Govt. of Gujarat                     | Member                   |
| 26. | Principal Secretary (TE)<br>Govt. of Karnataka                   | Member                   |
| 27. | Principal Secretary (TE)<br>Govt. of Punjab                      | Member                   |
| 28. | Principal Secretary (TE)<br>Govt. of Uttarkhand                  | Member                   |
| 29. | Principal Secretary (TE)<br>Govt. of Delhi                       | Member                   |
| 30. | Ms. Renu Sobti<br>Deputy Adviser (HRD-TE)<br>Planning Commission | Member                   |
| 31. | Shri Pawan Agarwal,<br>Adviser (HE),<br>Planning Commission      | Member                   |
| 32. | Additional Secretary,(TEL),<br>Dept. of HE, MHRD                 | Member                   |
| 33. | Shri Ashok Thakur,<br>Spl. Secretary (TE),<br>Dept. of HE, MHRD  | <b>- Member-Convener</b> |

**TERMS OF REFERENCE OF THE WORKING GROUP ON TECHNICAL EDUCATION – TWELFTH FIVE YEAR PLAN.**

1. To review the present status of technical education in the country, with a particular focus on the future development perspective between 2012 -2017
2. To examine critically the issues of access, quality, relevance and equity in technical education:
  - a. To suggest ways and measures to increase enrolment in technical education in a cost effective manner.
  - b. To ascertain how far conventional/open universities system has reached educationally backward areas
  - c. Improve quality of teaching, with focus on curricular and examination reforms, upgradation of infrastructure, filling up of vacant faculty positions, greater use of ICTs, provision of broadband connectivity, revision/modernization of syllabi to take care of emerging market and industry needs.
3. To suggest measures for increased capacity expansion in technical institutions, improvement in quality, revamping of courses, provision of adequate trained faculty, and removal of obsolescence and modernization of laboratories/ workshops/ libraries/computing facilities, international benchmarking and effective transparent accreditation
4. To suggest measures for bringing girls, SCs, STs, OBCs and Minorities, the Disabled and other disadvantaged groups on par with the rest, in the area of Technical Education.
5. To assess the progress of new institutions set up in the XI Plan and review all the Central institutions and project its growth trajectory in XII Plan
6. To suggest measures for providing adequate financial and other support to talented and needy students, desirous of pursuing Technical Education
7. To optimize and broad base ICT enabled education in engineering and technical institutions and identify resource sharing mechanisms.
8. To suggest measures for internal and external resource generation in the technical education system
9. Suggest measures for upgrading a few selected existing institutions with a "potential for excellence" in the XII Plan
10. Suggest measures to tackle the problem of regional imbalances in access to technical education.
11. To lay down clear mechanisms for capacity building of faculty
12. To suggest a long-term vision and short term proposals for creating infrastructural facilities for differently abled students.
13. To suggest policy measures for private sector participation