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Government of India  
**Ministry of Communications and Information Technology**  
(Department of Electronics and Information Technology)  
(HRD Division)

New Delhi-110003  
Dated: 24.06.2014

**OFFICE ORDER**

***Subject: Scheme for financial assistance to six(06) States/UTs for Skill Development in Electronics System Design and Manufacturing (ESDM) Sector – Constitution of Expert Committee***

With the approval of the Hon'ble Minister(C&IT), an Expert Committee is constituted under the Scheme for financial assistance to six(06) States/UTs for Skill Development in Electronics System Design and Manufacturing (ESDM) Sector. The Expert Committee shall have the following composition:

(i)	Group Coordinator (e-Infra/e-Learning), DeitY	:	Chairman
(ii)	President, C-DEP	:	Co-Chairman
(iii)	CEO/Head, ESSC/nominee	:	Member
(iv)	CEO, TSSC/nominee	:	Member
(v)	Managing Director, NIELIT / nominee	:	Member
(vi)	Director General, NSDA / nominee	:	Member
(vii)	Director General, DGE&T / nominee	:	Member
(viii)	One representative of the Implementing Agency of each selected State under the Scheme	:	Member
(ix)	Prof. Gopakumar K, Chairman, D/o Electronic Systems Engg., IISc, Bangalore(erstwhile CEDT, Bangalore)	:	Member
(x)	Dr. Santanu Chodhury, IIT, Delhi	:	Member
(xi)	Mr. Josh Foulger, Director, Mobile Phones Procurement & Inbound Logistics, Nokia Telecom, Chennai	:	Member
(xii)	Mr. Amrit Manwani, Sahasra Electronics Pvt. Ltd. Noida, Uttar Pradesh	:	Member
(xiii)	Mr. Panduranga Prabhu, MD, Bosch Automotive Electronics India Pvt. Ltd., Bangalore	:	Member
(xiv)	Mr. Vinod Sharma, CII Head Electronics, [Deki Electronics Ltd., Noida]	:	Member
(xv)	Mr. Shailesh Mishra, Head-Technical Regulations & Corporate Affairs, Panasonic India Pvt. Ltd., Gurgaon	:	Member
(xvi)	HoD, HRD Div., DeitY	:	Member
(xvii)	Representative of HRD Div., DeitY	:	Member Secretary

**2. Terms of Reference of the Expert Committee:**


The Committee would approve all the courses to be taken up under the Scheme including the design and structure of the curriculum so that it meets the objectives of improving the employability of the students/unemployed youth in the ESDM Sector. The Committee would also ensure that the courses and their content is as per global standards and are aligned with the market needs periodically on year on year basis. The terms of Reference of the committee would also include the following:-



- (i) To recommend Standard Operating Procedure (SOP) for implementation of the Scheme covering all aspects. This would include course syllabi, content design development, course delivery, course assessment and certification for enhancing availability of skilled manpower in ESDM Sector;
- (ii) To recommend guidelines/norms for affiliation/recognition of training Agencies/centres who would be authorized to conduct the courses at various levels especially in terms of infrastructure/labs/faculty, etc. To also recommend the guidelines/norms for periodic monitoring of such Authorised Training Agencies/centres;
- (iii) To recommend guidelines/norms for certification for various courses;
- (iv) To assess the requirement/relevance of the course on a periodic basis, based on the feedback from the training partners/industry, and recommend for the future continuance;
- (v) To recommend the new courses from time to time depending on the new emerging requirements including such courses that may not be available and/or popular and and/or viable but essential for a particular need;
- (vi) To recommend any other additional skill to be included by adding suitable course component;
- (vii) To facilitate sharing of the best practices available in the educational industry;
- (viii) To assure that the curriculum (syllabus, student manual, trainers guide, training manual, teachers qualification, multimedia package, presentation material, e-material, if any) is relevant to the existing/emerging needs of the ESDM Sector;
- (ix) To suggest suitable intervals and methods to conduct Impact Evaluation of the course to assess the efficacy of the Scheme. To devise suitable output indicator to measure the growth of the ESDM industry, keeping in view the spirit of the Scheme;
- (x) To ensure that each course has a clear entry level criterion and the need for pre-assessment especially in case of Level3 to Level 5, if required; emphasis on higher weightage for hands-on/practicals Vs. theory i.e. 60:40 or higher; and due emphasis is given on use of modern tools and simulations for better understanding of the concepts;
- (xi) To assess the reasonableness of the cost of training in respect of each course taking into account the need for requisite equipment/other infrastructure for laboratories, etc; and
- (xii) Any other issues related to courses to be conducted under the scheme.

2.2 TA/DA for attending the meetings of the Expert Committee will be payable as per Govt. Norms.

2.3 As the PMU for the above scheme is being implemented by NIELIT, the technical secretariat of the above Committee shall be maintained by PMU-NIELIT.

  
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To  
The Chairman and Members of the Expert Committee