

No. 1/93/2013/AM(G)/DIT/ 453-464  
Government of Punjab  
Department of Information Technology  
SCO: 193-195, Sector 34-A, Chandigarh.

Dated:10-03-2014

To

1. Secretary to the Govt. of Punjab, Department of School Education,  
Room No 517, Punjab Civil Secretariat-2  
Sector 9, Chandigarh
2. Director, Department of Technical Education & Industrial Training, Punjab  
Plot No-1, Sector 36-A, Chandigarh,
3. Director, Department of Employment Generation and Training, Punjab  
S.C.O.46 -47, 2nd floor Sector 17-E, Chandigarh
4. Director, Centre for Development of Advanced Computing (C-DAC),  
A-34, Phase-VIII, Industrial Area, SAS Nagar Mohali.
5. Director, National Institute of Electronics & IT (NIELIT),  
SCO 114-116, Sector 17-B, Chandigarh.
6. Director Academic, Punjab State Board of Technical Education & Industrial  
Training, Sector 36-A, Chandigarh.
7. Director/Principal, Shaheed Bhagat Singh State Technical Campus,  
Ferozepur, Punjab
8. Director/Principal, Malout Institute of Management and Information Technology,  
(MIMIT), Malout, Punjab
9. Director/Principal, Beant College of Engineering and Technology,  
Gurdaspur, Punjab
10. Director/Principal, Baba Hira Singh Bhattal Institute of Engineering and  
Technology (BHSBIET) Lehragaga, Punjab.
11. Director/Principal, Giani Zail Singh Punjab Technical University Campus,  
Bathinda, Punjab
12. Dean Academics, Punjab Technical University (PTU),  
Jalandhar, Punjab

**Subject: Meeting - Implementation of Govt Sponsored Scheme for "Skill Development in ESDM (Electronics System Design Manufacturing System) Sector in the State of Punjab.**

Please refer to the subject noted above.

2. In this regard it is intimated that Ministry of Communication and IT, Govt. of India has selected the State of Punjab for giving financial assistance for implementation of scheme for Skill Development in ESDM Sector in the State of Punjab.

3. In order to finalize the strategy for implementation of the scheme, a meeting under the Chairmanship of **Sh. A.R. Talwar, IAS** Principal Secretary (Information Technology), Punjab has been scheduled in his office room no. 510 Fifth Floor, Punjab Civil Secretariat-2, Sector-9 Chandigarh on **18.03.2014 (Tuesday) at 11:30 AM**.

You are requested to ensure your presence in the aforesaid meeting. A copy of agenda to be discussed in meeting is attached herewith.

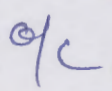
  
Senior System Manager

Endst.No. No. 1/93/2013/AM(G)/DIT/ 465

Dated Chandigarh the 10/3/14

A copy of above alongwith agenda is forwarded to PS/PSIT for the kind information of Principal Secretary, Department of Information Technology, Punjab.

  
Senior System Manager

  
10/3/2014

## **Agenda for meeting to discuss Implementation of GOI sponsored Scheme for 'Skill Development in ESDM (Electronics System Design Manufacturing System) Sector' in Punjab**

### **Introduction:**

The Department of Information Technology, Punjab had submitted a proposal to Deptt. of Electronics and Information Technology, Govt. of India for grant of financial assistance for the implementation of Scheme for Skill Development in ESDM (Electronics System Design Manufacturing System) Sector in the State of Punjab.

- **Aim:** The scheme aims to enhance the human resource availability in the Electronics System Design Manufacturing (ESDM) sector, through the public and private sector. The scheme, inter alia aims to
  - Attract the human resource undergoing studies in schools (IX standard onwards)/ITIs/Polytechnics/ UG Colleges (Non Engineering) and School drop outs/ Unemployed youth and provide them additional skills that are recognized by industry for employment in ESDM Sector
  - Encourage new investment in training in the ESDM sector
  - Facilitate the evolution of process/norms for certification of various courses, providing opportunities for moving up the value chain and Recognition of institutions for conducting such courses, as per requirement of industry in the ESDM sector.
- **Objective:** To provide financial assistance for facilitating skill development for 15,000 persons in ESDM sector for improving the employability of students/unemployed youth.
- **Target Beneficiaries:** All levels of beneficiaries who in-turns become technologically trained workforce as per scheme are detailed below:
  - a. Level L1-L2: Unskilled i.e. IX-X std or VIII passed
  - b. Level L3: Semi Skilled i.e. ITI pass
  - c. Level L4: Supervisor i.e. 10 + ITI, 12<sup>th</sup> pass and other Graduates
  - d. Level L5: Master Technician i.e. Post Diploma or BSc

There is a proposal to train 15,000 students during 4 years of the scheme in Electronic System Design & Manufacturing (ESDM) sector in the State of Punjab for improving employability of the students/unemployed youth in the state itself.

The level/ year wise target is as follows:

SN	Level	Year-1	Year-2	Year-3	Year-4	Total
1.	L1,L2 level	750	950	950	1100	3750
2.	L3 level	750	950	950	1100	3750
3.	L4 level	1050	1300	1300	1600	5250
4.	L5 level	450	550	550	700	2250
	<b>Sub Total</b>	<b>3000</b>	<b>3750</b>	<b>3750</b>	<b>4500</b>	<b>15000</b>
A	Reserved Seats (40%) -SC/ST/EWS	1200	1500	2400	1800	6000
B	General Seats (60%)	1800	2250	2250	720	9000

➤ **Course Fee & Financial Assistance:**

Particulars	Course Fee in Rs.
L1, L2 Level	5000/-
L3 Level	10000/-
L4 Level	12000/-
L5 Level	15000/-

- Assistance of 75% of Course fee for students of General Category (25% of course fee to be paid by Student).
- Assistance of 100% course fee for students belonging to SC/ST/EWS.
- Assistance to be provided only after a candidate clears a certification exam.

➤ **Financial sanction:** The Department of Electronics and Information Technology (HRD Division), New Delhi has selected State of Punjab for financial assistance for the said scheme vide their letter No. 1(17)/2012-HRD(Vol II) dated 28/02/2014. The total outlay for the State would be Rs. 16,60,05,000/- with a grant in aid support of Rs. 14,30,55,000/-.

➤ **Implementing Agency and Training partners:** As per proposal Department society called "Society for Promotion of IT Industry in Punjab" created under the Department of Information Technology Punjab would be the Implementing Agency for the said scheme. The NIELIT Centre Chandigarh will work as a training partner for level L1 and level L2 courses and C-DAC SAS Nagar (Mohali) will work as a

training partner for level L3, L4 and level L5 courses. It is also proposed to share the infrastructure and take help of training institutions like Govt ITIs/Poly-techniques/ Engg Colleges/ Schools for the conduct of trainings.

➤ **Role of Implementing Agency:**

- a. To sign an MOU with DeitY and be the single point of contact on behalf of State Government/UT w.r.t. to implementation of scheme.
- b. To liaise with the training/skilling partner duly identified/ recognized/accredited by NIELIT/ESSCI/TSSC.
- c. To facilitate sharing of resources wherever possible – workshops, labs need not be setup in training institutes.
- d. To ensure that assistance under the scheme to enhance the skilled human resources availability in the ESDM Sector and is not used to fund existing capacities.
- e. To publicize the scheme to attract target group towards the scheme.
- f. To liaise, interact and coordinate with Govt. training/educational institution/schools for working out collaboration with identified training / skilling agencies/institutions so as to ensure that their students join this training programme.
- g. To liaise, interact and coordinate with Employment Exchanges and to work out a mechanism for enrolment of unemployed youth in this training programme.
- h. To liaise, interact and coordinate with proposed Greenfield Electronics Manufacturing Clusters being setup by DeitY as well as with Industry in the existing Brownfield Electronics Manufacturing Clusters to ensure dovetailing of this scheme.
- i. To create placement mechanism for liaising, interacting and coordinating with prospective employers for ensuring placement of the trained /skilled candidates.
- j. To provide periodic information to DeitY as per format to be provided for monitoring the implementation of scheme.

➤ Tentative list of courses and duration etc

SN	Course Title	Level	Duration	Eligibility	Participating Institutions	Course Coverage
1	Repair & Maintenance of Electronic Home Appliances	L1-L2	240 Hours	IX-X Std	ITI/ Polytechnics/ NIELIT	Emergency lights, Inverter, Microwave oven, Washing Machine, Iron, Fan, Set-top Box
2	Certificate Course on PCB Design & development	L3	350 Hours	ITI	CDAC, Mohali	Basic Electronic PCB design
3	Certificate Course on operation, service & maintenance of Neurology, respiratory and Analytical medical equipment	L3	350 Hours	ITI	CDAC, Mohali	Basic Maintenance of medical equipments
4	Certificate Course on PC Maintenance and peripherals	L3	350 Hours	ITI	CDAC, Mohali/ITI/Polytechnic	Repair & maintenance of computers, hardware like printers, plotters etc.
5	Advance course in Hardware & Networking	L4-L5	350 Hours	Diploma/ Post Diploma	CDAC, Mohali/ITI/Polytechnic	Basic electronics, PC maintenance, laptop maintenance, network essentials, etc.
6	Advance course in Bio-Medical Equipment and Maintenance	L4-L5	350 Hours	Diploma/ Post Diploma	CDAC, Mohali	Basic electronics, clinical laboratory instruments, etc.
7	Advance Course in Microcontroller s: Architecture Programming & Interfacing	L4-L5	350 Hours	Diploma/ Post Diploma	CDAC, Mohali/ITI/Polytechnic	Microcontrollers , memory concepts, timers, counters, interrupts

SN	Course Title	Level	Duration	Eligibility	Participating Institutions	Course Coverage
8	Diploma in Electronics Product Design	L4-L5	400 Hours	Post Diploma	CDAC, Mohali	Electronics product designing and development
9	Diploma in Broadband (VoIP) communication Networks	L4-L5	400 Hours	Post Diploma	CDAC, Mohali	Telecommunication concepts, mobile & wireless comm., broadband comm., hardware maintenance

**Agenda for discussions:**

**Item 1: To constitute Implementation Committee for the Scheme:** It is proposed that for successful implementation of the scheme and for taking important decisions from time to time an Implementation Committee consisting of following officers is proposed to be constituted under the Chairmanship of Principal Secretary IT/Secretary IT:

- a. Sr Vice Chairman, Society for Promotion of IT Industry in Punjab
- b. Principal Secretary, Technical Education & Industrial Training Punjab
- c. Secretary, School Education, Punjab
- d. Director(IT), Punjab-cum-Member Secretary, Society for Promotion of IT Industry in Punjab
- e. Director, Employment Generation Punjab.
- f. Director, C-DAC, SAS Nagar (Mohali)
- g. Director, NIELIT Chandigarh Centre
- h. 2 Representatives from IT/Electronics Industry
- i. Sr. System Manager (P), DOIT Punjab .... Member Secretary

**Item 2: Signing of MoU with DeitY, GoI and Training partners:** As required by GOI under the scheme, the implementing agency will sign an MoU with DeitY, Govt of India and two training partners i.e. NIELIT & C-DAC. While GOI has been requested to forward a copy of draft MoU to be signed with the state govt, the two training partners NIELIT and C-DAC are requested to submit draft terms and conditions of MoU for finalization in the current meeting. The MoU will contain the sharing formula of fees between the training partners, implementation agency and participating institutions among other clauses.

**Item 3: Selection of ITIs/Polytechnic Colleges/Engineering Colleges/ Schools for the conduct of courses:** The Department of Technical Education and Industrial Training Punjab is requested to provide a list of suitable ITIs/Polytechnic Colleges/Engineering Colleges throughout the state where these courses can be run and their workshops/labs may be used. Department of School education will provide with a list of suitable schools for conduct of level L1 & L2 courses.

**Item 4: Finalization of strategy for enrolment:** The Department of Technical Education and Industrial Training Punjab and School Education are requested to give suggestions for the enrolment of students for training under the scheme.

**Item 5: Placement mechanism and addition of more courses:** The members are request to give suggestions regarding addition of more courses on ESDM and also on placement mechanism.

Any other suggestions by the officers are welcome.

\*\*\*\*\*