



Haryana Industrial Training Directorate,  
Headquarters: Chandigarh

सेवा में

1. All VTP
2. All Nodal Govt. ITIs of VTP  
(List attached Name & Addresses of VTP)

यादि क्र०:- T-11/MES/DGE&T Guidlines/ 1488  
दिनांक:- 21/8 / 2014

विषय:-Guidelines regarding entering into contractual agreement with VTPs and Installation of bio-metric attendance Device at registered VTPs under Skill Development Initiative (SDI) Scheme based on Modular Employable Skill (MES).

उपरोक्त विषय बारे डी०जी०ई०एण्ड टी० से प्राप्त गाईडलाईनज की प्रति विभागीय वैबसाईट itiharyana.gov.in पर डाल दी गई है और आपको आदेश दिये जाते है कि उपरोक्त से सम्बन्धित प्रोफार्मा वैबसाईट से डाउनलोड करते हुए 1 माह के अन्दर-2 एग्जीमैन्ट तथा Bio-Matric attendance device को वी०टी०पी० में install करवाने हेतु कार्यवाही कर ली जायें अन्यथा वी०टी०पी० को रद्द कर दिया जायेगा।

o/c

सहायक निदेशक (एम०ई०एस०)  
कृते, महानिदेशक औद्योगिक प्रशिक्षण विभाग  
हरियाणा, चण्डीगढ।

&

Bhawra

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SPEED POST

26-83-DGTT  
08-08-2014

No. DGET - 2/2/2014 - MES/IS  
Government of India  
Ministry of Labour & Employment  
Directorate General of Employment & Training  
Shram Shakti Bhavan

01 AUG 2014  
63520  
1537 (ADT-II)  
11.8.14  
परिचालन संख्या नं.  
To:

New Delhi, dated 18<sup>th</sup> July, 2014

PS/IT  
No. 1768  
Dt. 05/08/14

1. The Principal Secretaries of States/UTs dealing with Vocational Training and Implementation of Skill Development Initiative (SDI) Scheme.
2. The Directors/ Commissioners of all States/ UTs dealing with Vocational Training and Implementation of Skill Development Initiative (SDI) Scheme with a request to inform all VTPs under their control.

**Subject: Installation of bio-metric attendance devices at registered VTPs under Skill Development Initiative (SDI) Scheme based on Modular Employable Skills (MES). - Specifications for Bio-metric devices- reg.**

**Ref: DGE&T order No. DGET-2/2/2014-MES/IS dated 26-03-2014**

Sir/Madam,

As you are aware that it has been decided that a system of capturing bio-metric attendance of trainees shall be in place to capture the attendance of students twice a day and transfer to the central server by October, 2014. In compliance, all Vocational Training Providers (VTPs) under SDI scheme are required to purchase and get installed biometric devices for each training center as per the prescribed specifications. (Copy enclosed).

Therefore, it is requested to kindly direct all VTPs registered within your State/UT to purchase and get installed biometric devices as per the prescribe specifications before 01<sup>st</sup> October, 2014. The detail instructions regarding installation and operation of biometric machines shall be provided subsequently.

Encl: as above.

Yours faithfully,

  
(Dinesh Nijhawan)  
Director (SDI)  
Ph: 011-23708071

Encl: as above.

Copy for necessary action to: All RDATs

SP  
3770  
S. IT  
05/08/2014  
DGT  
07-8-2014  
OB(MSS)  
ADT-II  
118  
T-11



## Specifications of Biometric Attendance Device

It has been decided that a system of capturing bio-metric attendance of trainees shall be in place is capture the attendance of the students twice a day and transfer to the central server by October 2014. In order to comply with this decision all Vocational Training Providers (VTPs) under SDIS Scheme are required to purchase and get installed biometric devices for each training center complying with below mentioned specifications. The detail instructions regarding installation and operation of biometric machines shall be provided subsequently-

| <b>Hardware Specification</b> |                                |  |
|-------------------------------|--------------------------------|--|
| <b>S.No</b>                   | <b>Component</b>               | <b>Specifications</b>  |
| 1                             | Biometric Sensor and Extractor | All the parameters of Biometric Devices for Authentication should be as per latest STQC Scheme for Certification of UIDAI Biometric Devices (Authentication) <a href="http://stqc.gov.in/content/bio-metric-devices-testing-and-certification">http://stqc.gov.in/content/bio-metric-devices-testing-and-certification</a> . STQC certified sensor and extractor only. |
| 2                             | Processor                      | 32-bit, ARM-9/x86 equivalent or higher, 400 MHz or higher frequency  |
| 3                             | Memory                         | RAM 128 MB or higher, FLASH 256MB or higher<br>Memory Capacity to store fingerprints >=3000<br>Memory Capacity to store transaction logs >= 1,00,000<br>Memory Capacity to store device operation logs >=1,00,000  |
| 4                             | Add on Memory                  | Micro SD Slot minimum 4 GB or more   |
| 5                             | Keypad                         | Minimum 16 key alpha numeric keypad with navigation keys, key size to be large enough for navigation, Or On screen key pad or QWERTY Keypad  |



|    |                      |  |
|----|----------------------|--|
| 6  | OS/Software          | Following OS with GUI Support, JVM or equivalent support & SDK for 3rd party application development: i. Linux 2.6 or higher ii. Windows iii. Android iv. Any other equivalent OS                                  |
| 7  | Ports                | USB 2.0 or higher – 1 or more nos.,RJ45(Ethernet)/ WiFi  |
| 8  | Language Support     | Unicode Support for all Indian Language including English  |
| 9  | Status Indications   | Multi Colour LED's/LCD (to indicate network connection, signal strength, to indicate battery charge remaining etc) or on screen display of all indicators like battery charge, network strength etc.               |
| 10 | Other Indicators     | Audio/ Visual capability: A/V indication either at device level or at application level for<br>indicating various events like:<br>a) Indication for placing finger<br>b) Start of capturing<br>c) End of capturing |
| 11 | Connectivity         | Two channels of connectivity are mandatory for devices. First connectivity as GRPS is mandatory. Second connectivity can be through WiFi b/g/n / Fixed broadband. E.g.,GPRS + broadband, GPRS + WiFi, etc.         |
| 12 | Non-volatile storage | Must be capable of storing audit trails of at least 1000 transactions  |
| 13 | Display              | Minimum 3.5" screen or higher, with atleast 262k colors TFT  |
| 15 | Battery Backup       | minimum 4 hours battery backup   |
| 16 | Antenna              | Internal, External / Extended External Antenna   |
| 17 | Power Adaptor        | AC/DC Adaptor with surge protection. Input 100-264V AC , 50Hz.   |
| 18 | Environment          | Storage not including battery: 0°C to 55°C.<br>Operating temp: 0°C to 50°C.  |
| 19 | Humidity             | 10-90% RH Non-condensing   |

