

**GOVERNMENT OF INDIA  
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP**

**LOK SABHA**

**USTARRED QUESTION NO. 3262  
TO BE ANSWERED ON 09.12.2019**

**NOTIFIED SPECIFICATION AS INDIAN STANDARD**

**3262. SHRI P.P. CHAUDHARY:**

**Will the Minister of SKILL DEVELOPMENT AND ENTREPRENEURSHIP be pleased to state:**

- (a) whether the Government is developing a e-Credentialing specification and if so, the details thereof;
- (b) whether the Government has notified this specification as an Indian Standard;
- (c) if not, the reasons therefor;
- (d) the estimated cost of the project and the estimated timeline for implementation; and
- (e) whether the Government has worked on a business model for the private sector players involved in the project and if so, the details thereof?

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF  
SKILL DEVELOPMENT AND ENTREPRENEURSHIP  
(SHRI R.K. SINGH)**

(a) to (e) Yes Sir. The Government is developing the Electronic Skill Credential Standard (ESCS) Specification.

Directorate General of Training (DGT), Ministry of Skill Development and Entrepreneurship (MSDE) proposes to issue digital 'e-Credentials / eCertificates' which are freely portable for candidates and easily verifiable at scale by employers and job matching platforms but continue to allow print and other visual forms for human consumption. This would enable candidates to verifiably state their skill levels with a high degree of trust in authenticity to aggregators, matchers, and employers. Presently, all the certificates are digitally signed 'e-Certificates' in the DGT ecosystem.

E-Credential is an electronic scheme-based standard for describing credentials data in a machine-readable format (JSON-LD representation of RDFa) along with its printable human-friendly version to make credential exchange between digital agents open and reliable. Certificates issued according to this specification can be aligned to one or more educational standards. They are secured using digital signatures. These are also pushed in Digi Locker. This standard is an open standard, free to use, and does not cost anything extra to the Government or the student.

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