

GOVERNMENT OF INDIA  
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY  
**LOK SABHA**

**UNSTARRED QUESTION NO. 2539**

TO BE ANSWERED ON 04.08.2021

**BLOCKCHAIN TECHNOLOGY**

**2539. SHRI PARVESH SAHIB SINGH VERMA:**

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) whether the Government is mapping areas where the blockchain technology can be implemented and if so, the details thereof;
- (b) whether the Government has already undertaken any projects related to health, agriculture or finance along with the implementation of blockchain technology; and
- (c) if so, the details thereof?

**ANSWER**

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY

(SHRI RAJEEV CHANDRASEKHAR)

(a): Yes, Sir. In order to evolve a national ecosystem for deployment of technology for e-Government applications a project “Design and Development of a Unified Blockchain Framework (UBF) for offering National Blockchain Service and creation of a Blockchain Ecosystem” was initiated. The main objectives of the project are: (i) to architect a Unified Blockchain Technology stack for rapid end-to-end, secure, scalable and interoperable Blockchain based application development and deployment for large scale adoption (ii) Blockchain as a Service (BaaS) Infrastructure (iii) Easy integration of existing services namely Digilocker, eSign, ePramaan.

(b): Realizing the potential of Blockchain Technology, Ministry of Electronics and Information Technology (MeitY) has evolved a National Strategy on Blockchain in consultation with various stakeholders including academia, industry, startups and Government. National Strategy on Blockchain includes detailed list of potential areas where the Blockchain technology can be implemented inter-alia health, agriculture, education and Finance etc.

(c): Ministry of Electronics and Information Technology (MeitY) has supported few pilot projects and successfully deployed Blockchain based solutions for (i) Class X and Class XII Certificates of Karnataka Education Board (ii) Drug logistic for Government of Karnataka and (iii) Land Registration solution at Shamshabad district SRO of Telangana State.

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