

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 1710
TO BE ANSWERED ON 27.07.2022

ACADEMIC BLOCKCHAIN DOCUMENT

1710. SHRIMATI CHINTA ANURADHA:

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

(a): the details of the measures taken by the NIC and its data centres to ensure security of the nodes of the decentralized network of Academic BlockChain Document established in Bengaluru, Pune and Jaipur; and

(b): whether any nodes are proposed to be established in the state of Andhra Pradesh?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI RAJEEV CHANDRASEKHAR)

(a): Academic BlockChain Document is a private blockchain network that has been implemented by National Informatics Centre for the Central Board of Secondary Education and it restricts its access to few registered users.

The other security features are as follows:

1. Blockchain Nodes are deployed at DMZ of Data Centres and access is restricted to permitted users and roles.
2. Only participating nodes of the data centers can establish network through designated ports which are opened at firewall.
3. Public and private keys have been used to identify the users or applications that are accessing the network with appropriate access control mechanisms.
4. All access to the Blockchain network is through API. The nodes are not directly accessible to users.
5. The portal users have read-only access to the data in the nodes through API.

(b): No, Sir.
