NOTICE REGARDING ORGANISING OPEN CHALLENGE COMPETITION ON THE FOLLOWING TOPICS

To address the technological & innovative needs of the industry, Office of CCA is Organising an Open Challenge competition for Promoting Indigenous Development for IT Applications/Products in the Cyberspace. Based on the understanding about the present IT (Information Technology) Industry needs, some of the following broad level problems have been identified and Office of CCA is inviting inputs about the Open Challenge and on the points mentioned below:

i.   Development of Indian Browser with CCA India Root Certificate.

ii.   Highly secure digital transaction scheme based on the trusted security zone of mobile smartphones using device-based digital certificates.

iii. Decentralized and Secure PKI system using Blockchain Technology for CA certificate & CRL services.

iv.   Secure communication with IoT devices based on usage of device certificate (using ECC).

v.   Interface for a digitally signed mechanism for sharing of data with DigiLocker and verification mechanism that certificate generated by DigiLocker is consistent with such record register (blockchain-based) developed for institutes.

Please note that these broad level points are indicative in nature and may be refined/modified based on expert /user institution advice/inputs. Any inputs regarding the organization of the Open Challenge including the points (i) to (v) above may be sent to the following two mail IDs(or mail sent to either of the mail IDs may be sent a CC to the other ID).

soundra.pandian@cca.gov.in or **soundra.pandian.cca@nic.in**

open-challenge@cca.gov.in   or **open-challenge22@cca.gov.in**

with Subject line **"INPUTS REGARDING ORGANISING OPEN CHALLENGE COMPETITION BY OFFICE OF CCA".**

While giving inputs, all are requested to please indicate the serial no (from i to v) of the points (on which inputs are being provided).

*Please Note:

The last date for submission of the inputs/comments regarding the Open Challenge by mail is 26th April, 2022(12:00 Midnight)

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