

F.No. J-21011/1/2016-e-Gov.
Government of India
Ministry of Water Resources, RD & GR
(e-Governance Cell)

Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated the 21st September, 2016.

To,

All Head of Attached Offices/ Subordinate Organizations under the Ministry.

Subject:-Adoption of e-Pramaan: Framework for e-Authentication - Reg.

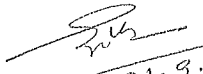
Sir,

I am directed to forward herewith a D.O. letter No. 3(60)/2012-EG II (Vol-I) dated 05.09.2016 received from Joint Secretary, Department of Electronics and Information Technology, Ministry of Communications and IT and to convey that e-Pramaan, a framework for e-Authentication, has been developed by Ministry of Electronics and Information Technology (MeitY).

2. It is therefore, requested to explore the feasibility to adopt and implement e-Pramaan in your Organization. C-DAC, the Nodal agency for implementation of e-Pramaan has been advised to provide support for integration of e-Pramaan. For any clarification and support Dr. Padmaja Joshi (email: padmaja@cdac.in), Joint Director, C-DAC may be contacted.

Encl:- As Above

Yours faithfully,


21.9.16
(S. K. Kataria)

Under Secretary to the Government of India
Ph:- 011-23716928

Copy to :-

1. All Wing Heads in the Ministry.
- ✓ 2. NIC Cell for uploading on IntraMoWR.

भारत सरकार
GOVERNMENT OF INDIAसंचार और सूचना प्रौद्योगिकी मंत्रालय
MINISTRY OF COMMUNICATIONS AND IT
इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी विभाग
DEPARTMENT OF ELECTRONICS AND
INFORMATION TECHNOLOGYRamesh Kumar Sudhanshu
Joint Secretaryदूरभाष/Telephone : 24361951/Fax: 24364743
ईमेल/Email: rksudhanshu@meity.gov.in
D.O.NO..3(60)/2012-EGII (Vol-I)इलेक्ट्रॉनिक्स निकेतन/ELECTRONICS NIKETAN
6, सी.जी.ओ. कॉम्प्लेक्स / 6, C.G.O. COMPLEX
नई दिल्ली / New Delhi-110003
Website : www.deity.gov.inदिनांक/Dated..... 5th Sept., 2016**Subject: Adoption of e-Pramaan: Framework for e-Authentication – Reg.**

Dear Sir/Madam,

The National e-Governance Plan (NeGP) of Government of India aims to create the right governance and institutional mechanisms, the core infrastructure and the policies in order to develop a citizen centric and business centric environment for governance. As part of this larger initiative, several government services are being provided to citizens through electronic means. The online and mobile based delivery mechanisms have generated the need for electronically authenticating the identity of the user so that each service or scheme reaches its intended recipient in a secure manner.

2. In an endeavor to increase the trust of citizens in the online environment, the Ministry of Electronics and Information Technology (MeitY), Government of India has conceptualized the “e-Pramaan: Framework for e-Authentication”. Hon’ble MCIT unveiled this framework during the State IT Secretaries Conference held in DeitY on 11th December 2012. e-Pramaan is envisaged to provide a uniform standard based secured authentication mechanism for all government departments which will be cost and time effective.

3. Meity, through C-DAC, a scientific society of Meity, has implemented e-Pramaan and has released four levels of authentication (viz. Username-Password, One Time Password (OTP), Digital Certificate and Finger print biometrics using Aadhaar services). The version also supports a role management which provides partial authorization for the departments having users of various categories.

4. The current version of e-Pramaan has the following features:

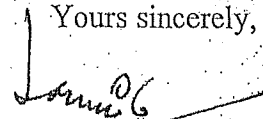
- Electronic standards based development
- Provisions for Departments to choose authentication chaining mechanisms
- Strong multifactor authentication with either Username-Password, One Time Password (OTP), Digital Certificate or Aadhaar based biometrics
- One Time Password (OTP) provided through SMS/email/Mobile App as desired by the user
- Bi-directional secure channel for communication between the services and e-Pramaan
- Single Sign On (SSO) for multiple government services
- Flexible Single Logout Facility for services/departments
- Role based management support for the first level authorization of users

- ix. Assurance of access to the authentic website to the users
- x. Integration support in Java, Dotnet and PHP
- xi. Support for seamless migration to upgraded authentication techniques

5. MeitY is committed to enable electronic authentication for all the e-Governance initiatives in our country. I request you to kindly adopt the e-Pramaan framework for user authentication in your Ministry/State for citizen centric services. C-DAC, the nodal agency implementing the e-Pramaan framework on behalf of MeitY, would assist in integrating your citizen interface portal with e-Pramaan for user authentication. In case of any clarification and support required, you may kindly contact Dr. Padmaja Joshi (Joint Director, CDAC Mumbai, padmaja@cdac.in).

With regards,

Yours sincerely,



(R K Sudhanshu)

To

Secretaries of all Central Govt. Departments