## **STEPS TO VALIDATE DIGITAL SIGNATURE (DS) ON e-Certificate**

Step 1: User has to check the internet connectivity and availability of latest Adobe reader in system. Internet connectivity and Adobe reader are required to execute the following steps

Step 2: User has to open the certificate (PDF file) in Adobe reader

Step 3: User has to click on the digital signature which is available at the bottom of certificate. A pop up called "Signature Validation Status" will open.

Step 4: User has to click on the "Signature Properties" button from the pop up.

	Signature	Validation Status
s i	<u> </u>	Signature is VALID, signed by ABHINANDAN PATTNAIK <emunicipalitysoftware@gmail.com>. - The document has not been modified since this signature was applied. - The signer's identity is valid.</emunicipalitysoftware@gmail.com>
1		
		Signature Properties Close

Step 5: A new pop up called "Signature Properties" will open. User has to click "show signer's certificate" as highlighted in below picture.

Signature	Properties	×					
<u>h</u>	Signature is VALID, signed by ABHINANDAN PATTNAIK <emunicipalitysoftware@gmail.com>.</emunicipalitysoftware@gmail.com>						
	Signing Time: 2019/07/16 16:28:02 +05'30'						
	Reason: Birth Application						
	Location: DEMOULB						
Valid	ity Summary						
	The document has not been modified since this signature was applied.						
	The certifier has specified that Form Fill-in, Signing and Commenting are allowed for this document. No other changes are permitted.						
	The signer's identity is valid.						
	Signing time is from the clock on the signer's computer.						
	Signature was validated as of the signing time: 2019/07/16 16:28:02 +05'30'						
Sign	er Info						
	Path validation checks were successful.						
	Revocation checking is not performed for Certificates that you have directly trusted.						
	Show Signer's Certificate						
Adv	vanced Properties Validate Signature Close						

Step 6 the following screen will appear once the user has clicked "show signer's certificate" button.

ertificate Viewer		
This dialog allows you to view t the selected entry.	he details of a certifi	icate and its entire issuance chain. The details correspond to
Show all certification paths fo	und	
ABHINANDAN PATTNAIK < ei	Summary Details	Revocation Trust Policies Legal Notice
		ABHINANDAN PATTNAIK
		Personal
	Issued by:	SafeScrypt sub-CA for RCAI Class 2 2014
		Sify Technologies Limited
	Valid from:	2018/11/02 16:30:11 +05'30'
	Valid to:	2020/11/02 16:30:11 +05'30'
	Intended usage:	Digital Signature, Non-Repudiation
		,
		Export
< >>		Export
< >> The selected certificate pa	ath is valid.	Export
<ul> <li>The selected certificate path validation check 2019/07/16 16:28:02 +05'3</li> </ul>	ath is valid. (s were done as of the 20'	Export

Step 7: User has to click on the "Trust" tab from the pop up which is highlighted on below picture.

Summer	Dataila	Deve estima	Truct	Deficies	LevelNet		
This cer	tificate is	s not trusted.	Tust	Policies	Legal Not	ice	
- Trust S	Settings						
×	Sign d	locuments or	data				
×	Certify	y documents					
×	Execut docur	te dynamic co ment	ontent th	at is embe	dded in a co	ertified	
×	Execut certifi	te high privile ed document	ege JavaSo t	ripts that	are embedo	led in a	
×	Perfor printir	rm privileged ng, file access	system o ;, etc.)	perations	(networking	l.	
		Add to	Trusted	Certificate	s		

Step 8: User has to click on the "Add to Trusted Certificates" button and following pop up will appear. Then click on "ok" button.

the selected entry. Multiple issu trust anchor.	found
ABHINANDAN PATTNAIK < e	Summary       Details       Revocation       Trust       Policies       Legal Notice         This certificate is not trusted.       Trust Settings       Sign documents or data       Sign documents or data
If you change the trust s Trusting certificates dire	t settings, you will need to revalidate any signatures to see the change. rectly from a document is usually unwise. Are you sure you want to do this?
	OK Cancel
< > The selected certificate participation of the selected certificate	OK Cancel Add to Trusted Certificates path is valid.

Step 9: User has to select the check boxes and click on 'Ok' button as mentioned below

tificate	Viewer	
Imp	port Contact Settings	×
th	Certificate Details	
tri	Subject: ABHINANDAN PATTNAIK <emunicipalitysoftware@gmail.com></emunicipalitysoftware@gmail.com>	
~	Issuer: SafeScrypt sub-CA for RCAI Class 2 2014	
A	Usage: Sign transaction, Sign document	
	Expiration: 02-11-2020 11:00:11	
	Trust	
	A certificate used to sign a document must either be designated as a trust anchor or chain up to a trust anchor in order for signature validation to succeed. Revocation checking is not performed on or above a trust anchor.	
	✓ Use this certificate as a trusted root	
	If signature validation succeeds, trust this certificate for:	
	Since de surrente en dete	
	Embedded high privilege JavaScript	
	Privileged system operations (networking, printing, file access, etc.)	
<		
6		
	Help OK Cancel	

On successful validation of digital signature a green tick mark will appear on the screen as mentioned below.

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Date :30/04/2019

Signature valid Digitally signed by ABHINANDAY PATTNAIK Date: 2010 04 of 14:59:57 IST Reason: Bhy Application Location: DEMOULB

DEMOADMIN Issuing Authority Registrar, Births & Deaths DEMO ULB MUNICIPALITY

Note: It is a digitally signed electronically generated certificate and therefore needs no ink-signed signature. This certificate is issued as per section 4,5&6 of Information Technology