# New IITD CA Certification Installation Procedure

### (All Windows Operating System & other Operating Systems)

#### **Mozila Firefox -**

1. Remove old certificate from the Browser. Click on Open Menu and Select Options.



2. Search Certificate and click on View Certificates.

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		Certificate     S		
General	Search Results			
Home Q Search	Certificates When a server requests your personal certificate Select one automatically			
Privacy & Security	● Ask you every time	certificate		
₿ Sync	Query OCSP responder servers to confirm the current validity of certificates	View <u>Certificate</u> s Security <u>D</u> evices		
<ul> <li>Extensions &amp; Themes</li> <li>Firefox Support</li> </ul>				

3. Select Authorities and if you will found any certificate by the name of "Indian Institute of Technology Delhi", Delete it

		Certificate Manager						
🔅 General	Search Res			_				
Home	Certificates	Your Certificate	es People	Servers	Authorities			
Q Search	When a server	You have <mark>cer</mark> tifica	tes on file that	identify these	<mark>cer</mark> tificate autho	orities		
	Select one	Certificate Nam	е	Se	ecurity Device		CQ.	
Privacy & Security	Ask you ev	IdenTrust Pu	blic Sector Roo	t CA 1 🛛 Bui	ltin Object Toke	en	^	
C Sync	Query OC	✓ Indian Institute of Technology, Delhi						
	certificate	ccmail07.iitc	l.ernet.in	Sof	tware Security [	Device		
		✓ Internet Securi	ty Research Gro	oup				
		ISRG Root X	1	Bui	Builtin Object Token			
		✓ IZENPE S.A.						
		Izenpe.com		Bui	Builtin Object Token			
		✓ Japan Certifica	tion Services, Ir	с.			~	
		<u>V</u> iew	<u>E</u> dit Trust	l <u>m</u> port	E <u>x</u> port	Delete or Distrust		
🛊 Extensions & Themes						ОК		

Now we will Install new IITD CA Certificate

Download the certificate from any of the browser (Except Mozila Firefox) installed in the Computer.

4. Go to this link:-

http://www.cc.iitd.ac.in/CSC/index.php?option=com\_content&view=article&id=53&Itemid=57

### or

Go to following path:-

iitd.ac.in/Content/Centres/Computer Services Centre/Certificate

## And Download New IITD CA certificate.

📔 Certificates × +			-	٥	×
← → C ③ Not secure   cc.iitd.ac.in/	/CSC/index.php?option=com_content&view=article&id=53&ltemid=57		☆		:
Change kerberos password     Edit your LDAP profile	In most operating systems & browsers the letsencrypt X3 CA and Entrust CA should be already available. If required you may download and install Let's Encrypt Authority X3 (den/Tust cross-signed): [perm] [der] or from here Letsencrypt X3 Intermediate continents on second to the two Enclosed Content Continents and Continents on the second seco	<u>Home space</u> <u>IITDWiki</u> Apple device configuration			-
Users and mailing lists     Certificates	Please see <u>How To: Import the CAcert Root Certificate into Client Software</u> for details (follow the procedure outlined in this link, but use Letsencryp X3/ITD's <u>CA certificate</u> instead of CAcert's).	<u>SMTP auth</u> <u>Calendar server</u> Private web pages			
Home spaces and CIFS shares     ownCloud     Proxy for internet access	Please verify the SHA1 and MD5 fingerprints of the old <u>IITD CA certificate</u> before installing: SHA1 Fingerprint=13:DD:BF:06:B5:04:33:2E 94:81:71:DD:14:E1:26:D7:B6:C0:93:18	Baadal: the IITD computing     Roundcube webmail     Windows software	<u>cloud</u>		
Email     User web pages	MD5 Fingerprint=17:9F:C1:3E:D9:08:24:E7:2E:DC:41:5C:14:F9:4B:3C IITD new self-signed certificates for CA with validity upto Jun 22 05:28:29 2029 GMT are:	<ul> <li>Password reset policy</li> <li>CSC courses for 2011</li> <li>Digital signing of emails</li> </ul>			1
Vetwork time servers     Internet access for visitors	New IITD CA certificate SHA1 Fingerprint=88.f6.de.a8.a3.b1:72:1c:3f.d3:47.f2:38.d3:08:17:d2:58.67.e5	Mailing lists and aliases     Virtual web hosting     User web pages			
Web hosting service     IITD campus Wifi     Wired 802 1x in Hostels	MD5 Fingerprint=b0.2a.b7.2c.7a.27.08.a8.62.10.a4.c6.d4.4a.25.d5 New IITD CA Certificate in DER format	<u>NTP servers</u> <u>VPN for Faculty/students</u> <u>Complaint registration and m</u>	nonitori	ng	
Windo doz. IX III Prosess     IITD student projects database     Windows software	SHAT Fingerprint=4a139d efc75f18.bb1c42ce211bc639f08082b008b MD5 Fingerprint=1554dbe6882fdc1cc0fc22aae0a08ce5e	<ul> <li><u>system</u></li> <li><u>IITD Discussion forum</u></li> <li><u>Technopedia: IITD Wiki</u></li> </ul>			
Software repository     Cloud Computing as IITD	Please verify the SHA1 and MD5 tingerprints of the <u>New IITD CA certificate / New IITD CA Certificate in DER format</u> before installing	SVN server     Moodle     Home spaces and CIES sha	res		ł
SVN & Git     IITD Discussion forum     IITD Wiki		Microsoft active directory     IITD campus Wifi			
VPN     Health graphs MRTG	Last Updated on Tuesday, 25 June 2019 21:09	Software repository     IITD student projects databa     Internet access for guests	ISE		
Health graphs RRD      Switchman		Releasing new proxy server     Internet browsing	s for She	ow all	

## 5. Open Download Location for New IITD CA Certificate.

	cure   contonacing	(coc)index.php	option=cont_contentoview=articledid=55ditentid=57		M		
<ul> <li>Change kerberos password</li> </ul>	l	In most opera	ting systems & browsers the letsencrypt X3 CA and Entrust CA should be already available. If required you may download	Home space     IITDWiki			
Edit your LDAP profile		certificate	s Encrypt Authonity X3 (Iden Frust cross-signed): [perif] [def] or from here <u>Letsencrypt X3 Intermediate</u> and Entrust CA from here Entrust Bundled Certificate	Apple device configuration			
Users and mailing lists		ooranoato		SMTP auth			
<ul> <li>Certificates</li> </ul>		Please see	OW TO: Import the CAcert Root Certificate into Client Software for details (follow the procedure outlined	<ul> <li><u>Calendar server</u></li> </ul>			
Home spaces and CIFS sha	ares	in this link, bu	use Letsencryp Asin TD's GA Certificate instead of CAderts).	<ul> <li>Private web pages</li> </ul>			
ownCloud		Please verify	the SHA1 and MD5 fingerprints of the old <u>IITD CA certificate</u> before installing:	Baadal: the IITD computing close	ud		
Provy for internet access     SHA1 Fingerprir		SHA1 Finger	rint=13:DD:BF:06:B5:04:33:2E:94:81:71:DD:14:E1:26:D7:B6:C0:93:18	Roundcube webmail			
Fmail		MD5 Fingerp	int=17:9F:C1:3E:D9:0B:24:E7:2E:DC:41:5C:14:F9:4B:3C	Password reset policy			
Liser web names		UTD news	alf signed contificates for CA with validity unto Jun 22 05:20:00 2020 CMT area	<u>CSC courses for 2011</u>			
Calondar convor		ITD new	sen-signed certificates for CA with validity upto Jun 22 05.28.29 2029 GWT are.	Digital signing of emails			
Valendar server		New IITD	CA certificate	<ul> <li>Mailing lists and aliases</li> </ul>			
Network time servers     SHA1 Finger		SHA1 Fing	arprint=88:f6:de:a8:a3:b1:72:1c:3f:d3:47:f2:38:d3:08:17:d2:58:67:e5	<ul> <li><u>Virtual web hosting</u></li> </ul>			
Internet access for visitors     MD5 Einge		MD5 Find	ernrint=h0:2a;h7:2c;7a;27:08;a8;62:f0;a4;c6;d4;4a;25;d5	User web pages			
Web hosting service	b hosting service MDS Finge			NTP servers     NPN for Eaculty/students			
IITD campus Wifi		New IIID	CA Certificate in DER format	<u>VPN for Faculty/students</u> Complaint registration and monitoring			
Wired 802.1x in Hostels		SHA1 Fin	gerprint=4a:f3:9d;ef:c7:5f:f8:5b;fc:42;ce:21:1b;c8:9f:08:09:2b:00:6b	system			
<ul> <li>IITD student projects database</li> </ul>	ase	MD5 Fin	gerprint=15:54;db:e6:88:2f;dc:1c:0f;c2:2a;ae:0a:08;ce:5e	IITD Discussion forum			
<ul> <li>Windows software</li> </ul>		Diagon verify		<u>Technopedia: IITD Wiki</u>			
Software repository		Flease verily	The SHAT and MDS imgerprints of the <u>New ITD CA certificate</u> / <u>New ITD CA Certificate III DEA format</u> before installing	<u>SVN server</u>			
Cloud Computing as IITD				<u>Moodle</u>			
SVN & Git				Home spaces and CIFS shares			
IITD Discussion forum				<u>Microsoft active directory</u>			
IITD Wiki	Open			III D campus Will     Software repository			
VPN	Always open f	iles of this type		<ul> <li><u>Soliware repository</u></li> <li>IITD student projects database</li> </ul>			
Health graphs MRTG	Chausia ( 11	_	uesday, 25 June 2019 21:09	Internet access for guests			
Health graphs RRD	snow in folder	r		Releasing new proxy servers for			
Outlink and	Cancel			Internet browsing			

6. Go to Mozila Firefox browser, and Click on Open Menu and Select Options.



7. Search certificate and uncheck Query OCSP responder servers to confirm the current validity of certificates.

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谷 General 合 Home		P Find in Options					^
<ul> <li>Q Search</li> <li>Privacy &amp; Security</li> <li>Sync</li> </ul>	Security Deceptive Content and Dangerous Software Protection  Block dangerous and deceptive content Learn more  Block <u>d</u> angerous downloads  Warn you about unwanted and un <u>c</u> ommon software						
<ul> <li>Extensions &amp; Themes</li> <li>Firefox Support</li> </ul>	Certificates When a server requests your personal certificate Select one automatically Ask you every time Query OCSP responder servers to confirm the current validity of certificates	View <u>C</u> ertificates Security <u>D</u> evices					



8. Click on view certificate, go to Authorities and click on Import

9. Browse your certificate location where you download New IITD CA Certificate in Step 5, click open button to import.

Select File containing CA certificate	s) to import			×					- 0
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File name: NEW	CCIITD-CA	<ul> <li>Certifica</li> </ul>	te Files	~ B	uiltin Object Tok	en			
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10. Select both dialog box and click ok.

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$\leftarrow$ $\rightarrow$ C $\textcircled{a}$	V Firefox about:preferences#privacy	☆	III\ 🗉 🛎 🗏
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<ul> <li>Extensions &amp; Themes</li> <li>Firefox Support</li> </ul>	Query OC: certificate		

11. Select Ok to close certificate manager.

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🔆 General	Allow Fire		Certificate Manag	er		×			
Home		Your Certificates P	eople Servers	Authorities		-			
Q Search	Security	You have certificates on file	e that identify these co	ertificate authorities	s				
🔒 Privacy & Security	Deceptive Co	Certificate Name	Sec	curity Device		Π.			
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