

How to connect to internet using IISc network:

Setting up the proxy:

To connect to internet, you would have to configure the following proxy in your browser/system: 'noauthproxy.serc.iisc.ernet.in' and Port number: '3128'. Use the same proxy for all the fields of HTTP,SSI, Ftp and SOCKS.

The procedure to set the above proxy for different browsers is mentioned below:

Mozilla Firefox

Open your firefox browser go to EDIT---> Preferences > Click on Advanced > Select Network tab > Select Settings > Select manual Proxy Configuration > Add HTTP Proxy as 'noauthproxy.serc.iisc.ernet.in' and Port 3128 > Lastly in 'No Proxy for' Option add the following lines: '127.0.0.1,localhost,.iisc.ernet.in,.iisc.in' and click ok.

Google Chrome

Go to settings and Select Preferences > Select "Under the Hood" as shown in the screen shot below > Select "Change Proxy Settings" > Select "Manual proxy configuration" > Next select "Use the same proxy for all protocols" and enter : HTTP Proxy as "noauthproxy.serc.iisc.ernet.in" and Port 3128 > Next Select "Ignored Hosts" tab,add the other domains: 127.0.0.1,localhost,.iisc.ernet.in,.iisc.in > After adding all the domains close the window > Select System Wide > Enter your system credentials and click on Authenticate button.

For setting global proxy in MAC systems, Go to

Apple menu> System Preferences> wifi> Advanced > Proxies

For the options Web Proxy, Secure web Proxy (HTTPS) and FTP proxy, set the proxy as 'noauthproxy.serc.iisc.ernet.in' and Port number: '3128'

Connecting to the wifi (iiscwlan):

You can connect to the wireless network 'iiscwlan' available at the conference venue. Common guest username and password are mentioned below which can be used to connect to the network:

Username: chepguest1

Password: ChEpGuEsT1

For Linux/MAC :

- 1) Make sure your radio kill switch is off, meaning WLAN is enabled and working. On Mac systems, the network is automatically detected and added, type the username and password when the system prompts.
- 2) Make sure your system has the 'Network Manager' or a similar program. Network Manager makes connecting to wireless LANs painless. Make sure your driver and everything is working and start nm-. Then click on the 'iiscwlan' network in the Network Manager Menu.
- 3) Then in the window that pops-up, enter your username and password. You may be prompted for a keyring password in order to store your password for future sessions, that's okay.
- 4) In your '**network connections**' > **wireless** > select iiscwlan if already present and click '**edit**' or '**add**' if it is not present > in '**wireless security**' select **WPA & WPA2 Enterprise** > **Authentication** : select **Protected EAP (PEAP)** > **Inner Authentication: MSCHAPv2**
Click save. Set the proxy in your browser and connect to the internet.

For windows :

- 1) Click Start → Settings → Network Connection
- 2) Select the Wireless Network Connection (If Wireless Adapter is disabled , enable and proceed further)
- 3) Right Click the Wireless Network Connection → Properties
- 4) Select Wireless Network
- 5) Click Add to Configure Wireless LAN
- 6) Type iiscwlan in the Network SSID Tab
- 7) Select WPA as the Network Authentication and TKIP as the Data Encryption
(If WPA and TKIP are not supported on your Laptop/Wireless card, Download the appropriate driver for the wireless card and apply relevant operating system patches)
- 8) Click Authentication to Configure EAP Type
- 9) Select Protected EAP (PEAP) as the EAP Type
- 10) Click the Properties of PEAP
- 11) Uncheck on the Validate Server Certificate check box
- 12) Select Secure Password (EAP-MSCHAP v2) as Authentication Method
- 13) Click Configure Button to Change the Default settings
- 14) Uncheck Windows logon name and password check box
- 15) Wait for 50 Seconds So that Wireless icon on your task bar prompts for username and password.
- 16) Double Click here
- 17) Enter Your Username and Password
Ex: userid: chepguest1
Passwd :ChEpGuEsT1
- 18) Once you are connected, double click the wireless icon on the task bar you can notice at what speed your wireless device is connected.
- 19) By Clicking the support TAB, you can know your IP Address, Subnetmask, Default Gateway, DNS servers (By clicking details button)

Follow the below steps to configure WLAN on Windows 7 :

- Step 1: Click on "Open Network and Sharing Center"
- Step 2: Click on "Manage Wireless Networks"
- Step 3: Click "Add"
- Step 4: Click on "Manually create network profile"
- Step 5: Enter the necessary details as shown in the screen shot and click "Next"
- Step 6: Click on "Change connection settings"
- Step 7: Choose "Security" Tab
- Step 8: Uncheck "Validate server certificate" and click "Configure"
- Step 9: Uncheck "Automatic Windows logon" and click "OK"

For further help you are welcome to contact the local organizing committee.

*In case you are still unable to connect, detailed information on software and drives required are provided on this webpage: <http://nitss.serc.iisc.ernet.in/docs/configuration/linux/wlan.html>