

How to get connected to Hostel wireless network in Windows 7

Operating System.

Note: Only TIFR hostel residents residing in Brahmagupta and Patanjali are permitted to use the wireless network. Devices used for wireless internet access in the hostel must be registered through Service Request System ([SRS](#)).

To configure wireless parameters one must have administrator's rights on the device.

1. Right Click the wireless icon on the bottom right of your machine and click on **"Open Network and Sharing Center"**

2. On the left pane, click on **Manage wireless networks**.

3. Click on **Add Button**.

4. Click on **"Manually create a network profile"**.

5. Type in the following information:

- Network name: **Hostel**
- Security type: **WPA2-Enterprise**
- Encryption type: **AES**
- Select the check mark next to **Start this connection automatically**
- Click **Next**.

6. Select **Change connection settings**.

7. Select **Security** tab.

- Choose a network authentication method: **Protected EAP (PEAP)**
- Click the **Settings** button.

8. On the Protected EAP Properties window:

- Uncheck **Validate server certificate"**

9. Select **"Configure"** next to the **"Select Authentication Method"** and ensure **"Automatically use my Windows login name and password (and domain if any)"** is Unchecked.

10. At the Hostel Wireless Network Properties (security tab), select **Advanced Settings**.

11. Under **"802.1X Settings"** select: Specify authentication mode.

- Ensure that User authentication is selected.

- Select 'Save credentials' and enter your LDAP/mailhost username and your LDAP/mailhost password.

12. Click on "**802.11 settings**" and under Fast Roaming uncheck: "**Enable Pairwise Master key (PMK) caching.**"

13. Click **OK** and **Close** to exit out of the properties and security windows.

14. Locate the network icon in the taskbar and go to the list of wireless networks and select **Hostel** and click **Connect**.