

WIFI CONFIGURATIONS FOR WINDOWS 8

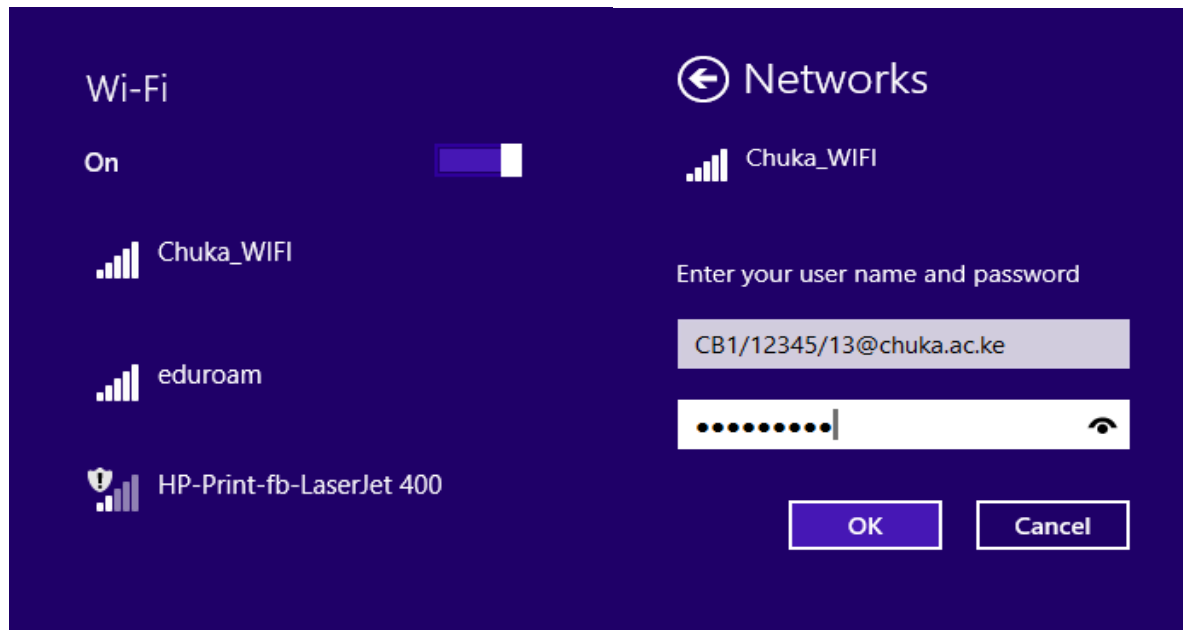
STEP 1:

Register with Computer Science & ICT Department

STEP 2:

Connect to the wireless **Chuka_WIFI** using your username and password as registered. Username is registration number as it is on your Student ID followed by **@chuka.ac.ke**.

For example, **CB1/12345/13@chuka.ac.ke** and Password is **chuka2015**



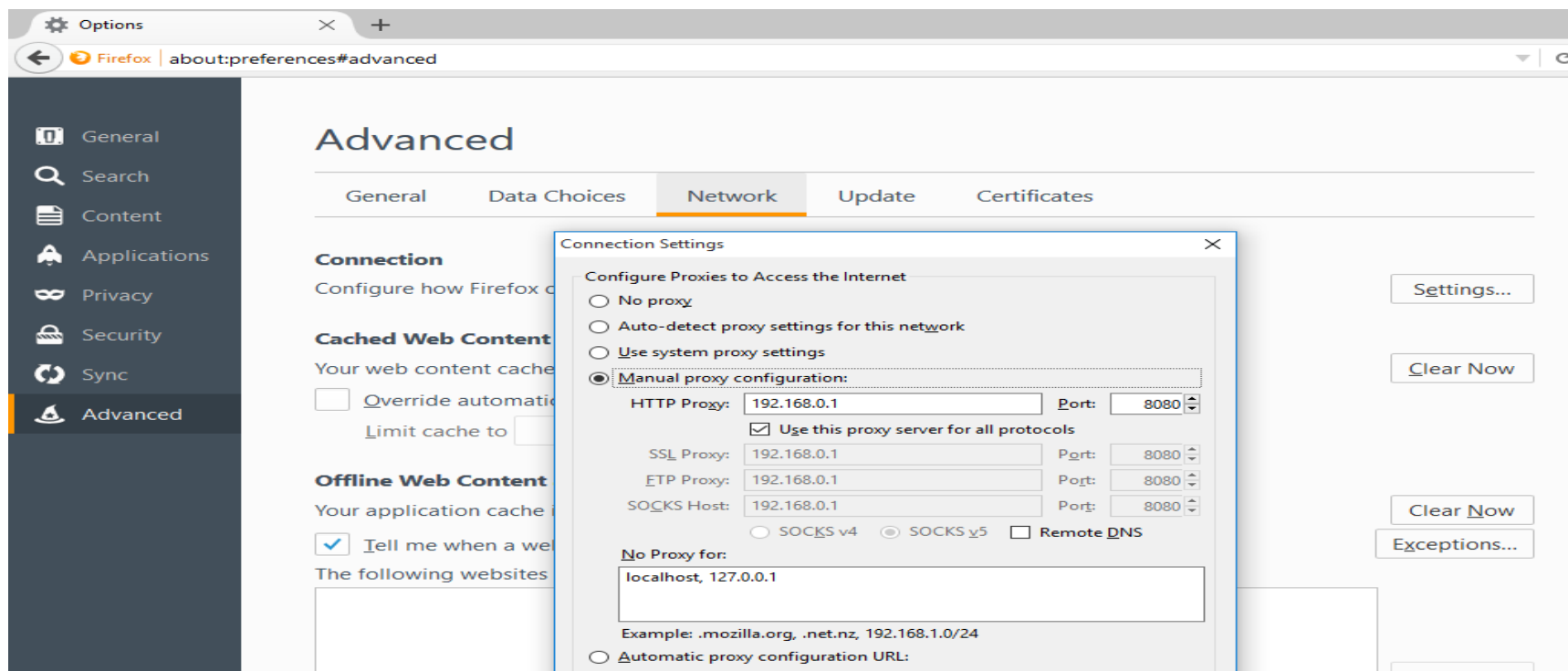
STEP 4:

After putting your details simply connect and start browsing.

STEP 5: If you get a proxy server error:

Go to your browser, E.G., **Mozilla Firefox**, go to **Menu Settings** > Then **Tools** or **Options** > Go to **Advanced options**

Click on the **Network Tab** > Go to **Settings** > Select the option of '**Manual Proxy Configurations**' and enter **192.168.0.1** as the Proxy address. The Proxy Port is **8080**. Select the check box for '**Use this proxy server for all protocols**'



WIFI CONFIGURATIONS FOR WINDOWS 7

STEP 1:

Register with Computer Science & ICT Department

STEP 2:

Go to **Control Panel** > **Network and Internet** > Click on it > Click on **Network and Sharing Center**

Adjust your computer's settings



System and Security

Review your computer's status
Back up your computer
Find and fix problems



Network and Internet

View network status and tasks
Choose homegroup and sharing options



Hardware and Sound

View devices and printers
Add a device
Connect to a projector
Adjust commonly used mobility settings



Programs

Uninstall a program



Network and Sharing Center

View network status and tasks | Connect to a network | View network
Add a wireless device to the network



HomeGroup

Choose homegroup and sharing options



Internet Options

Change your homepage | Manage browser add-ons | Delete browser

STEP 3:

On the Left side select 'Manage Wireless Networks'

The screenshot shows the Windows Control Panel 'Network and Sharing Center'. On the left sidebar, 'Manage wireless networks' is highlighted with a red box. The main area displays 'View your basic network information and set up connections' with icons for 'JOHN-PC (This computer)', 'Chuka_WIFI', and 'Internet'. Below this, 'View your active networks' shows 'Chuka_WIFI' as a 'Public network'. To the right, connection details are shown: 'Access type: Internet' and 'Connections: Wireless Network Connection (Chuka_WIFI)'. A 'See full map' link is also visible.

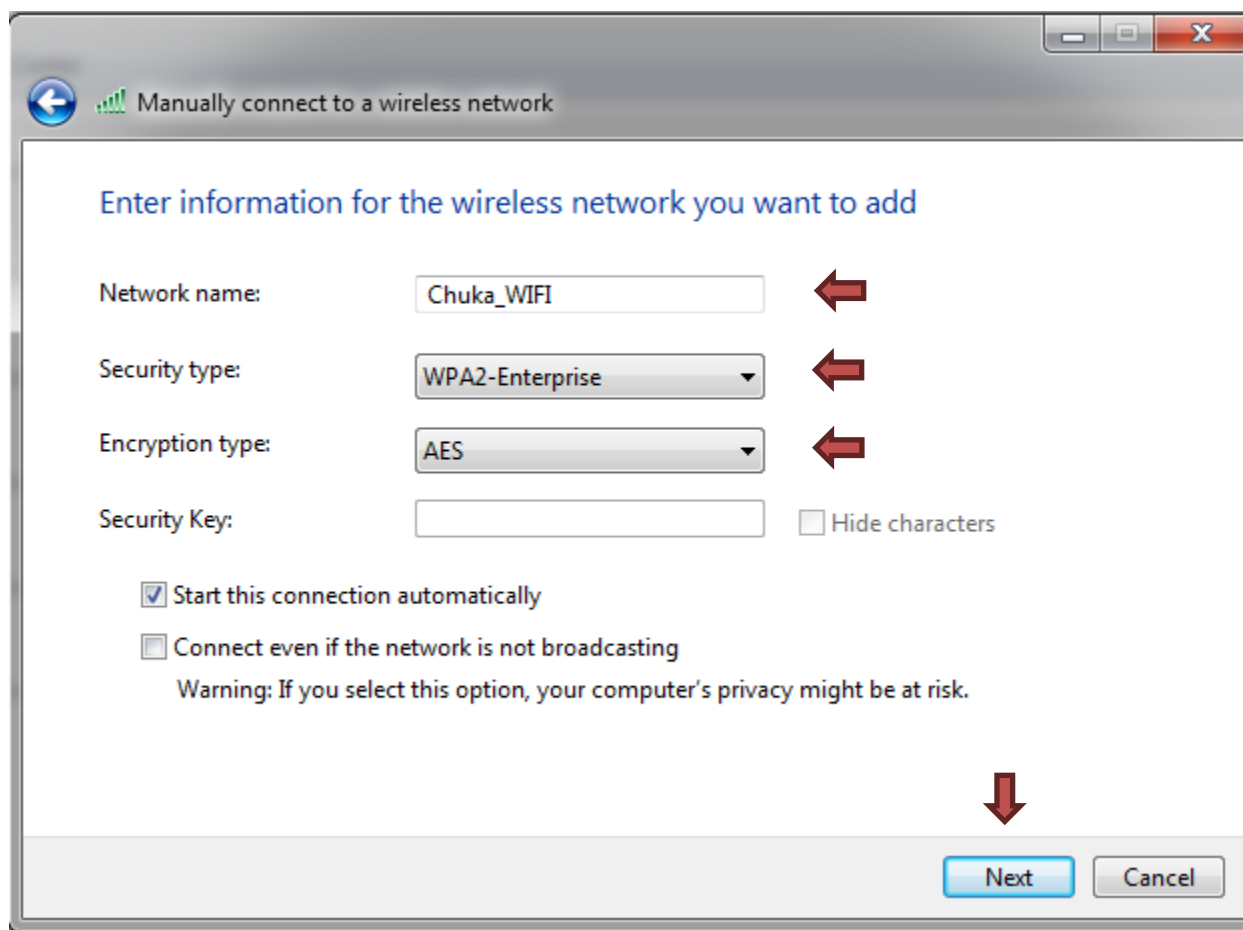
On the connection options that appear, Select **Add** to add new wireless network connection

The screenshot shows the 'Manage wireless networks that use (Wireless Network Connection)' window. The title bar includes 'Add', 'Adapter properties', 'Profile types', and 'Network and Sharing Center'. The 'Add' button is highlighted with a red box. Below the title bar, it says 'Windows tries to connect to these networks in the order listed below.' and 'Networks you can view, modify, and reorder (6)'. A list of networks is shown with their names and security types:

Network Name	Security
Chuka_WIFI	WPA2-Enterprise
johnie	WPA2-Personal
Connectify-me	WPA2-Personal
NIGP	WPA2-Personal
kakaemp	WPA2-Personal
kaka	WPA2-Personal

STEP 4:

Select the option of 'Manually create a network profile' > In the Network Name section put **Chuka_WIFI** (this is case sensitive) > Security Type is **WPA2-Enterprise** > Encryption Type is **AES** and click '**Next**'. And **Close** the wizard.



The screenshot shows a Windows dialog box titled "Manually connect to a wireless network". The main heading is "Enter information for the wireless network you want to add". The form contains the following fields and options:

- Network name:** A text input field containing "Chuka_WIFI". A red arrow points to this field.
- Security type:** A dropdown menu set to "WPA2-Enterprise". A red arrow points to this dropdown.
- Encryption type:** A dropdown menu set to "AES". A red arrow points to this dropdown.
- Security Key:** An empty text input field. To its right is a checkbox labeled "Hide characters", which is currently unchecked.
- Start this connection automatically
- Connect even if the network is not broadcasting
Warning: If you select this option, your computer's privacy might be at risk.

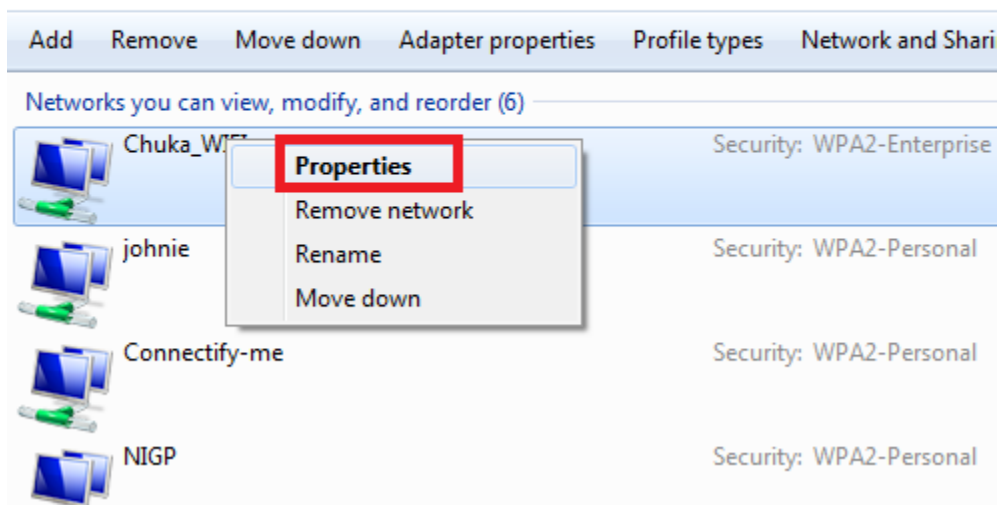
At the bottom right, there are two buttons: "Next" (highlighted in blue) and "Cancel". A red arrow points down to the "Next" button.

STEP 5:

Next right click on the new wireless connection **Chuka_WIFI** and select **Properties**

Manage wireless networks that use (Wireless Network Connection)

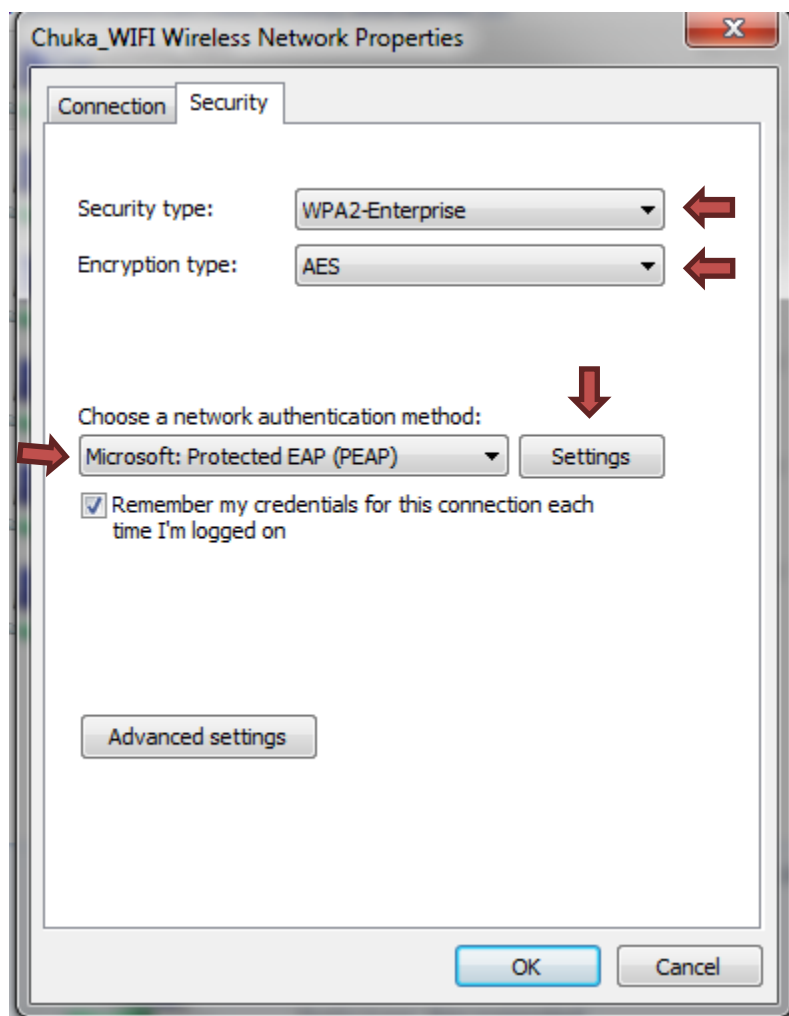
Windows tries to connect to these networks in the order listed below.



Next go to the Security tab and ensure the Security Type is set to **WPA2-Enterprise**, the Encryption Type is **AES** and the Network authentication method is set to '**Microsoft: Protected EAP (PEAP)**'

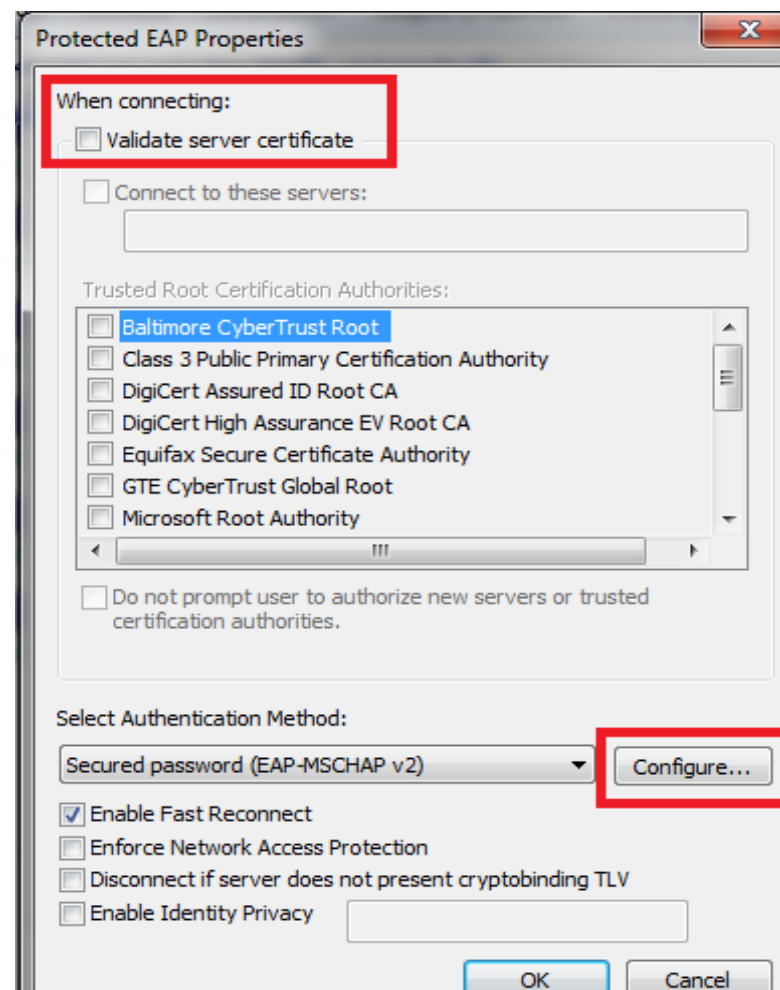
STEP 6:

Next click on **Settings**



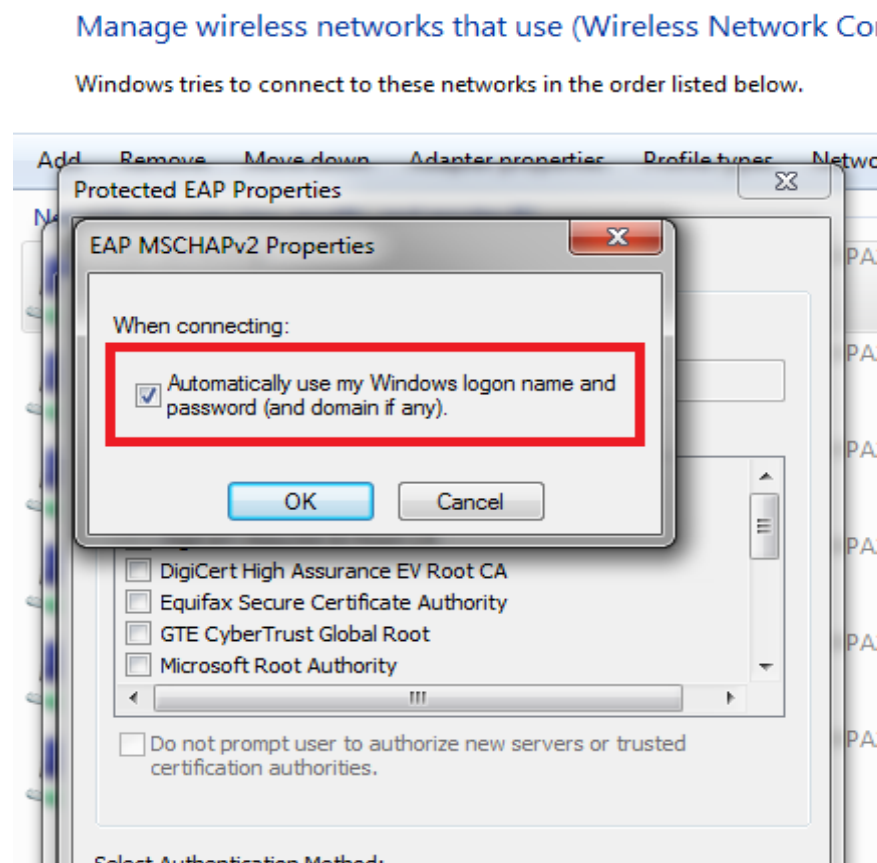
STEP 7:

Make sure 'Validate Server Certificate' option is **Unchecked** then go to **Configure**



STEP 8:

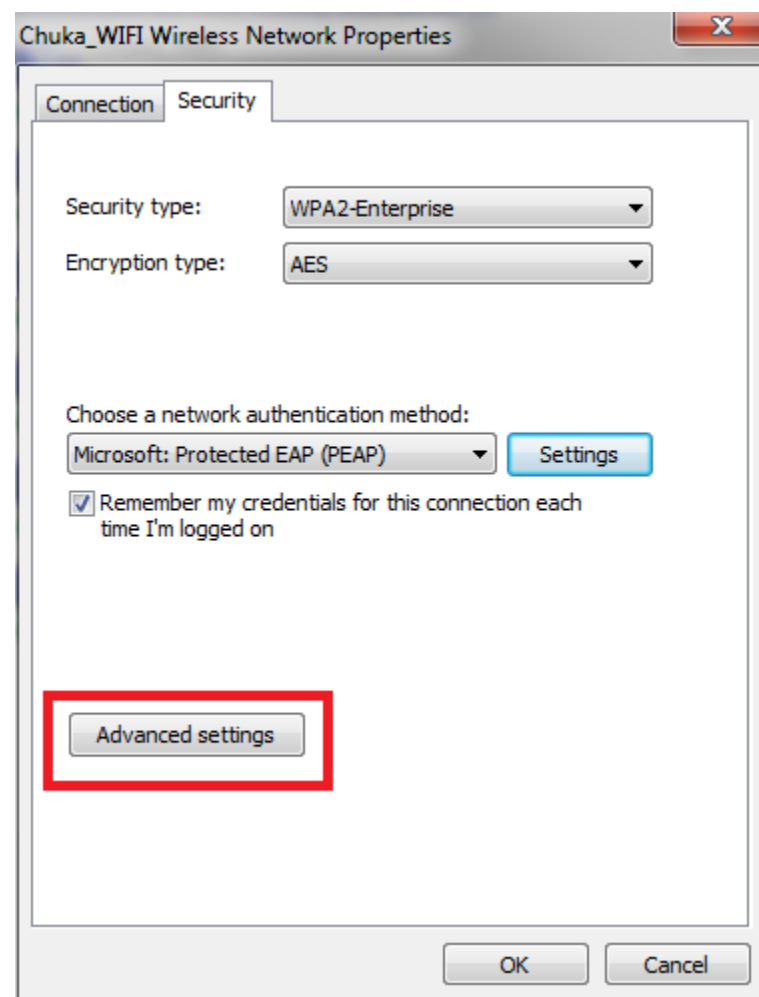
Make sure the 'Automatically use my windows logon name and password (and domain if any)' is Checked



Click OK. Then OK. Then OK

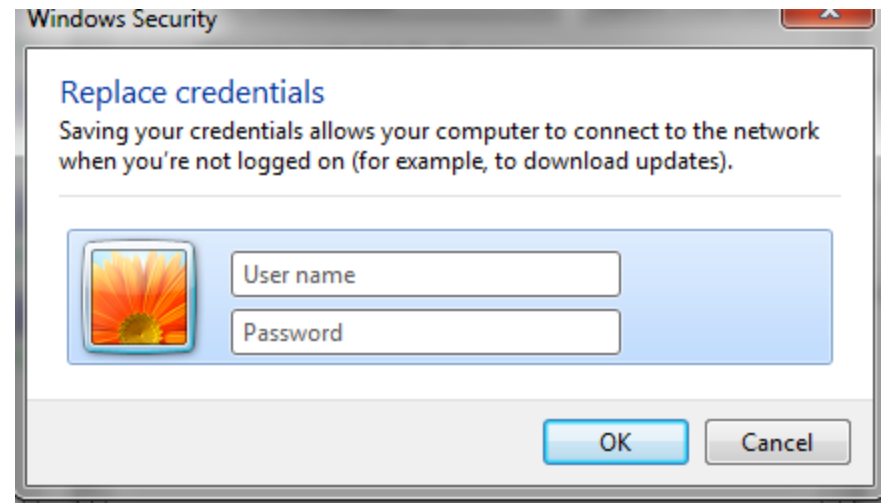
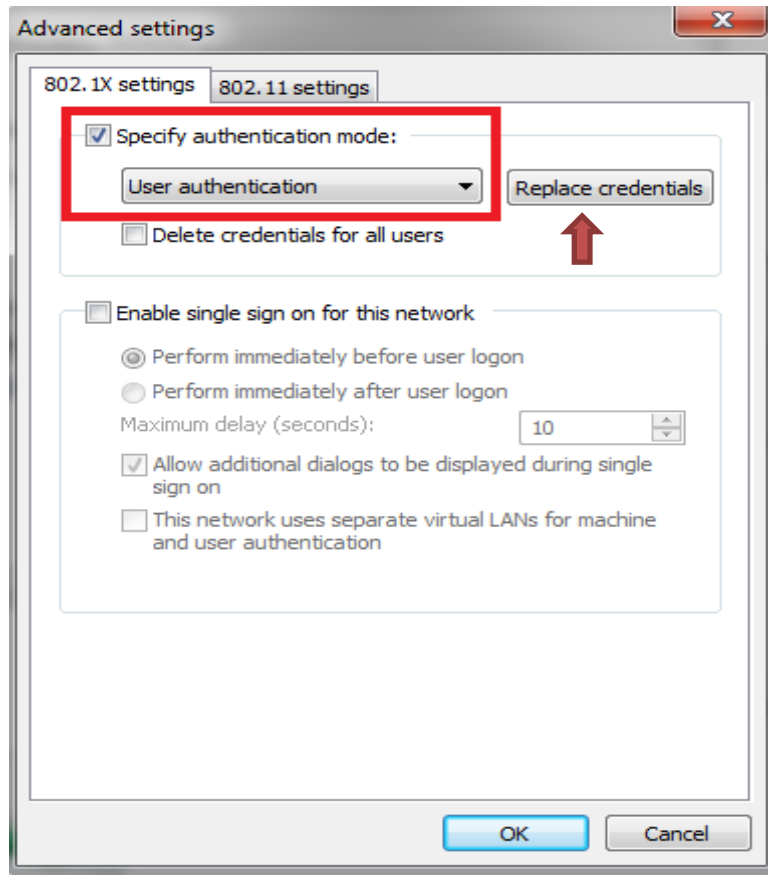
STEP 9:

Next go to advanced settings. (Still on the wireless properties on Security Tab)



STEP 10:

On advanced settings, in **'Specify authentication mode'**, make sure it is **Checked** > And select **'User Authentication'** option > Then click on **'Save Credentials'** and put your **username** and **password** as registered



Then click OK and then OK, then OK

The wireless connection will now connect and you can browse

You are now connected

- Control Panel Home
- Manage wireless networks
- Change adapter settings
- Change advanced sharing settings

View your basic network information and set up connections

[See full map](#)



JOHN-PC
(This computer)



Chuka_WIFI



Internet

View your active networks

[Connect or disconnect](#)



Chuka_WIFI
Public network

Access type: Internet

Connections: Wireless Network Connection (Chuka_WIFI)

Change your networking settings



[Set up a new connection or network](#)

Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point.



[Connect to a network](#)

Connect or reconnect to a wireless, wired, dial-up, or VPN network connection.



[Choose homegroup and sharing options](#)

Access files and printers located on other network computers, or change sharing settings.



[Troubleshoot problems](#)

Diagnose and repair network problems, or get troubleshooting information.