

Wi-Fi Access User Manual

LGN 2.0

Version 1.8

If your device is running on Ubuntu Operating System, please refer section 8 of this document – to install drivers for the Wi-Fi Adapter provided.

For Windows PCs, please refer installation manual supplied with the Wi-Fi adapter.

1. Connecting to LGN Wi-Fi Network

Select “LGN_Wi-Fi” from the wireless networks listed on your computer

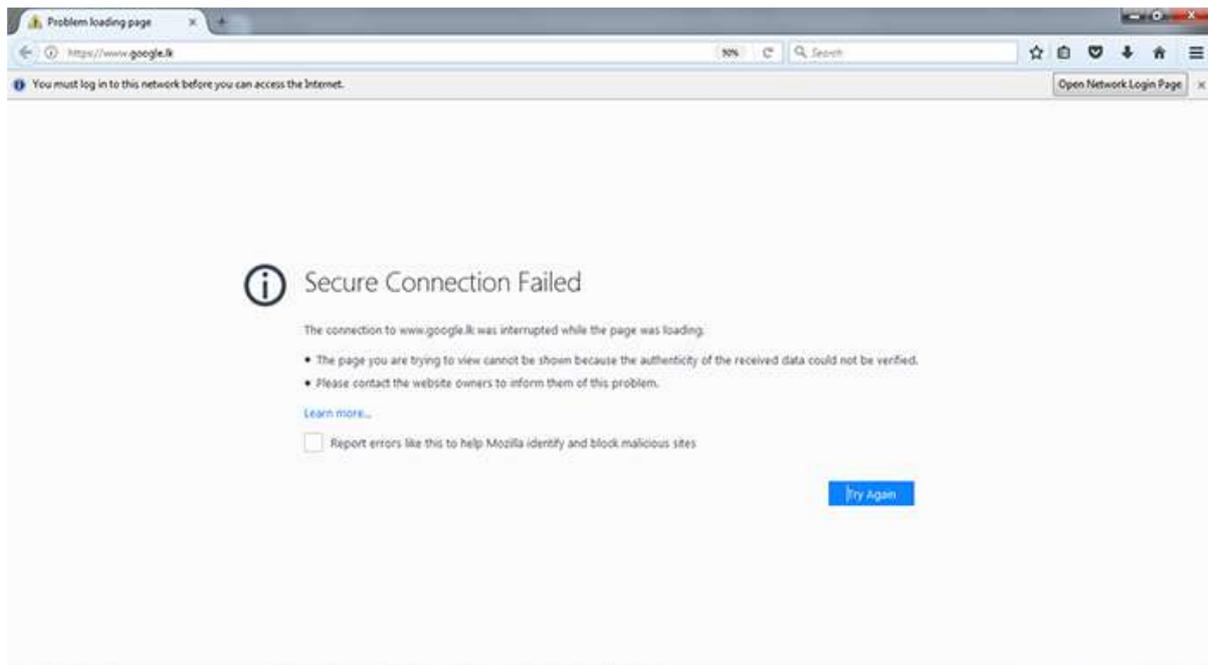


Computer will be connected to the “LGN_Wi-Fi” Network and following icon will be displayed on the windows system tray.

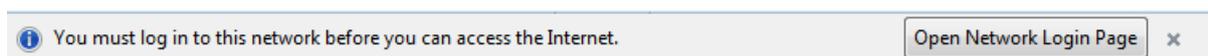


2. Open a Web Browser

Open a web browser.



A message will be given as follows – asking you to log in to the network. Click on 'Open Network Login Page' button.

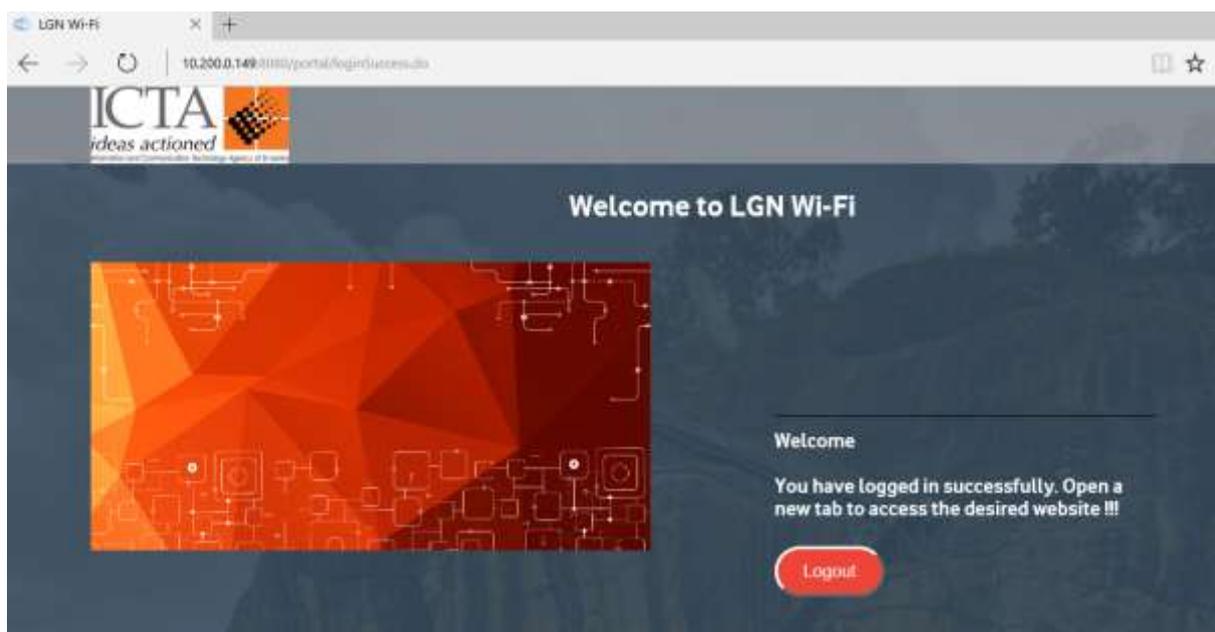


3. Network Login Page

You will be directed to following login page
Use the username and password provided by ICTA to log in to the network.

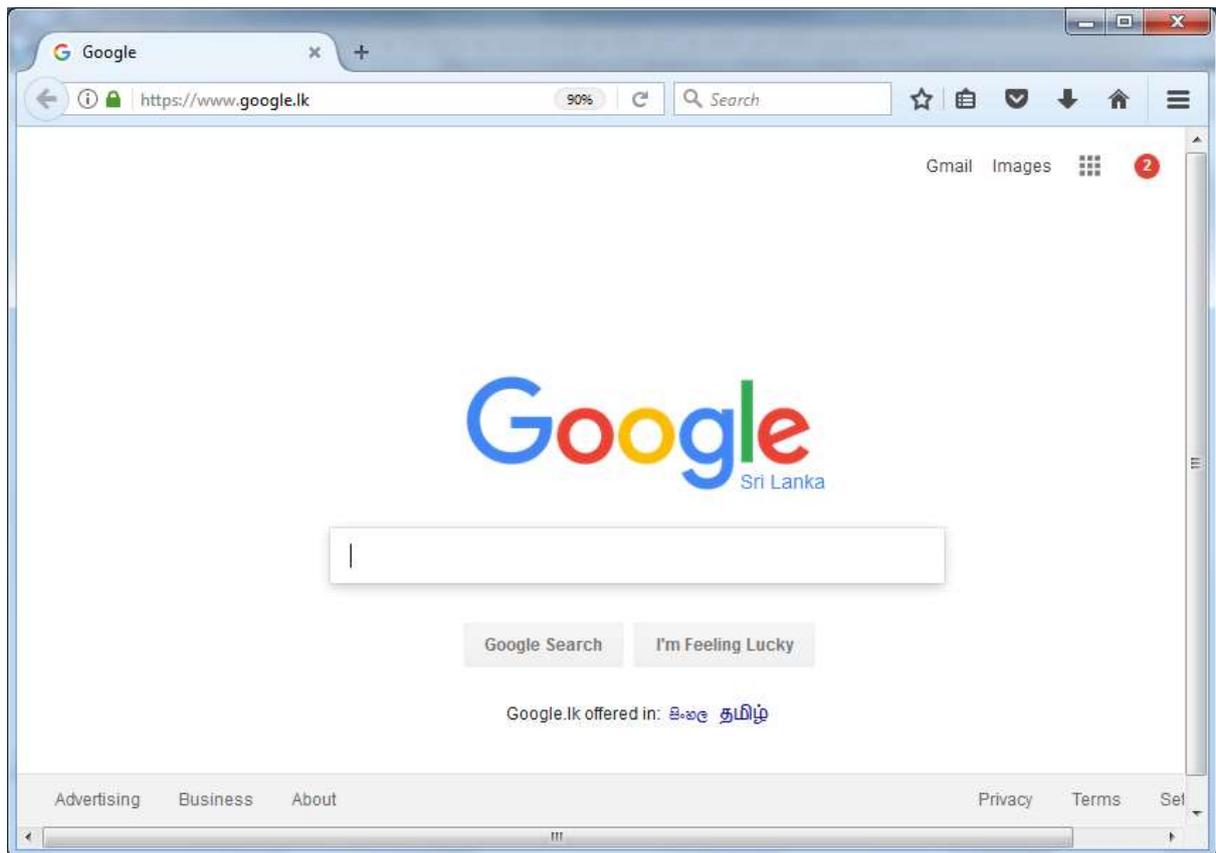


Once the user credentials are verified, you will be directed to following page.



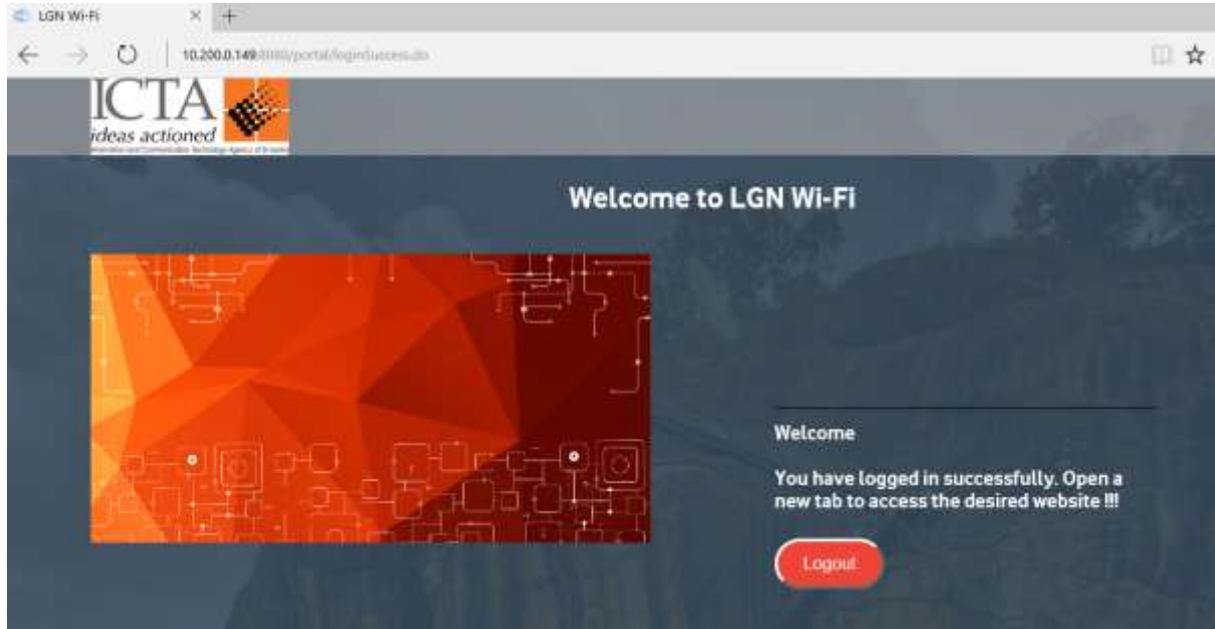
You are now successfully connected to LGN Wi Fi Network.

You can now browse Internet through your web browser.



4. Logout from LGN Wi-Fi

Click on 'Logout' button



User will be redirected to the login page.



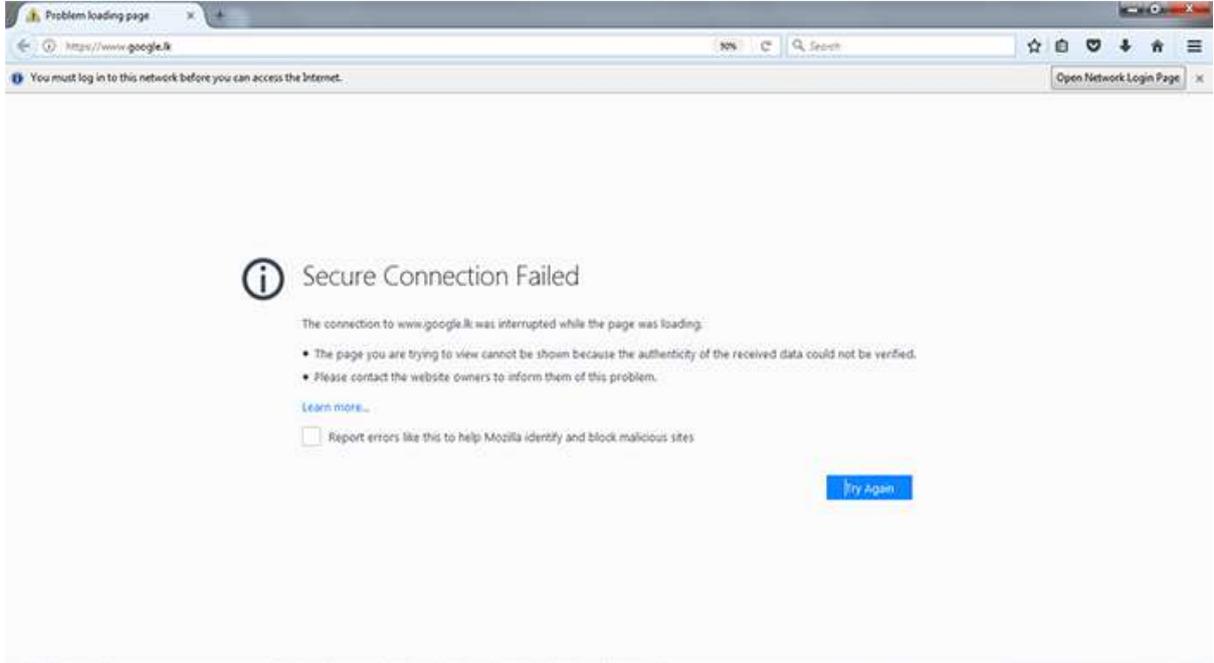
5. Connecting to Public Wi-Fi Network

Select "Public Wi-Fi" from the wireless networks listed on your computer

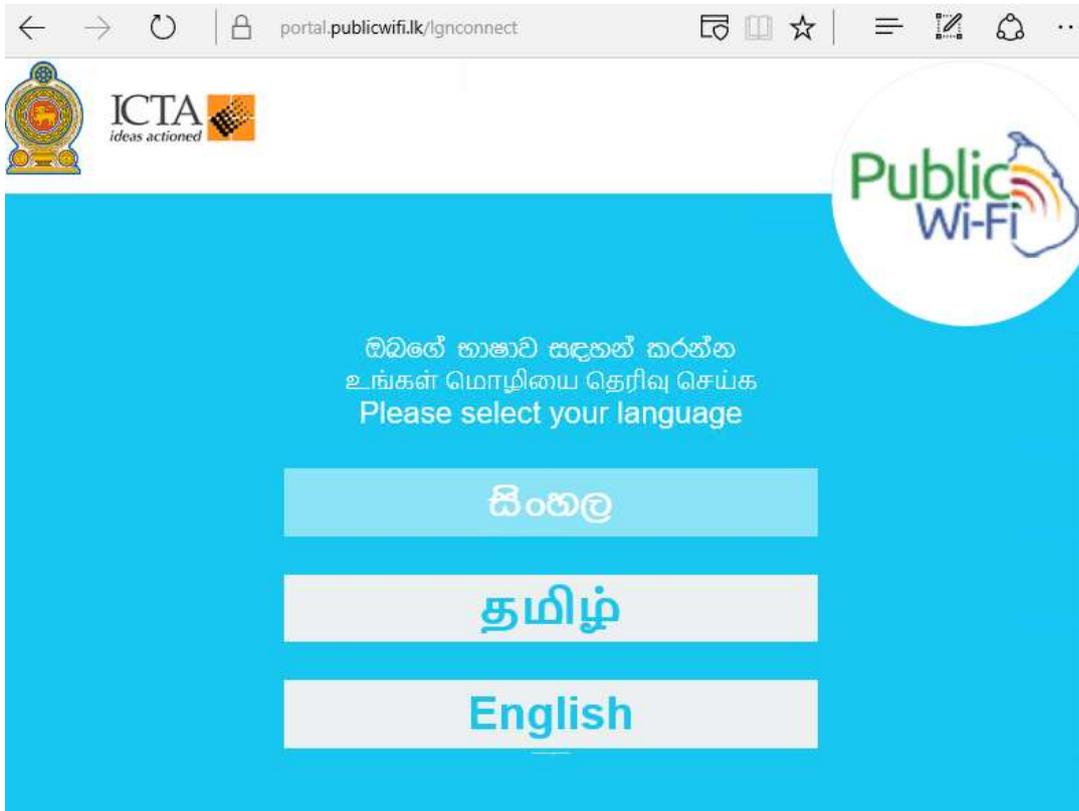


6. Public Wi-Fi Portal

Open a web browser and enter an URL.



You will be directed to following login page.
Choose the language as desired.



Key in your NIC number

portal.publicwifi.lk/ignconnect

ICTA ideas actioned

Public Wi-Fi

ඔබගේ ජාතික හැඳුනුම්පත් අංකය ඉදිරිපත් කරන්න

ඔලග

Enter the verification PIN sent to your mobile device

portal.publicwifi.lk/ignconnect

ICTA ideas actioned

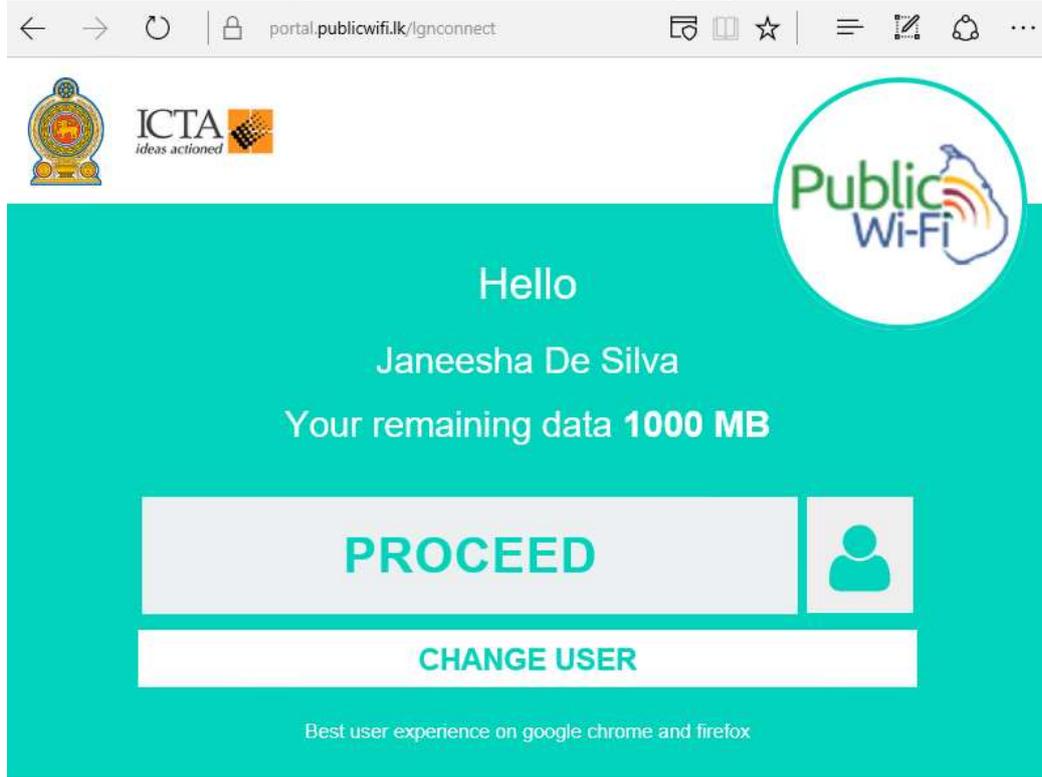
Public Wi-Fi

Enter your verification code

VERIFY

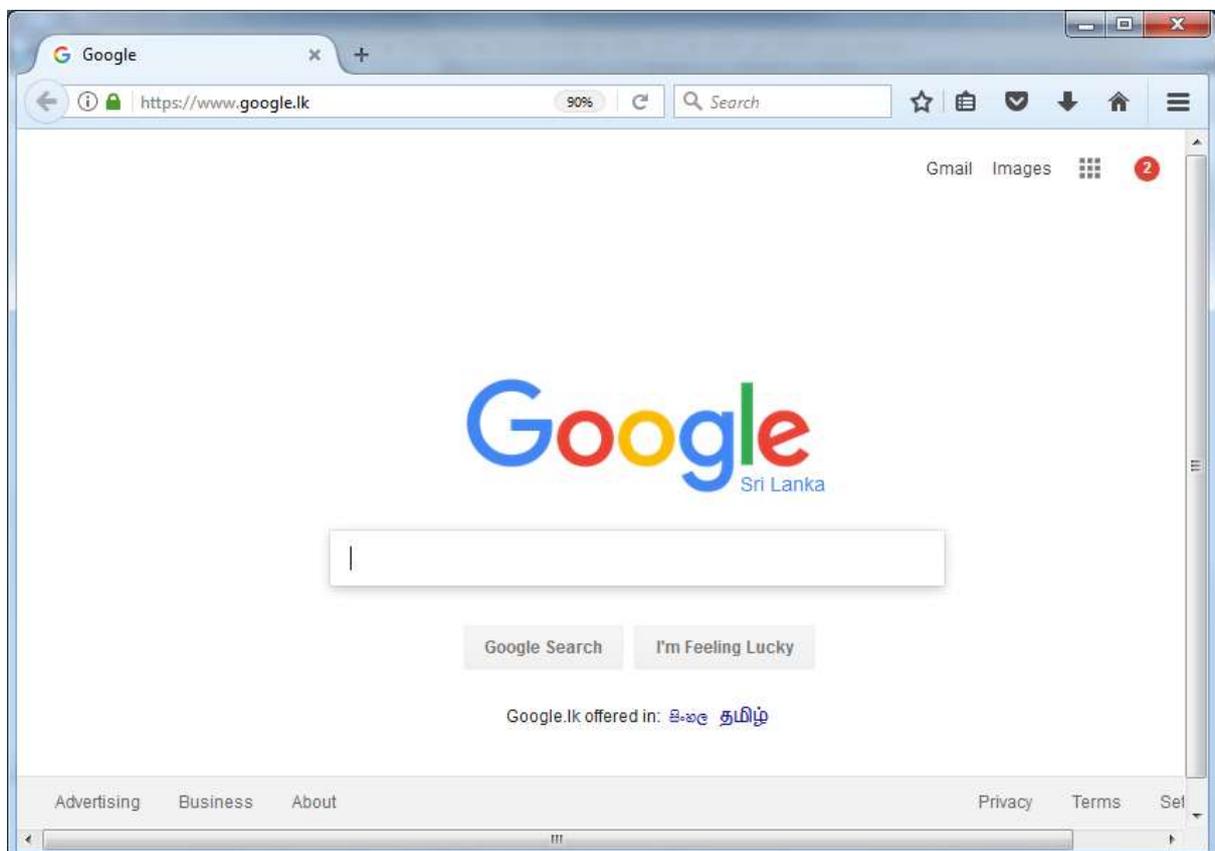
RESEND

Once the PIN is verified, you will be directed to following page.



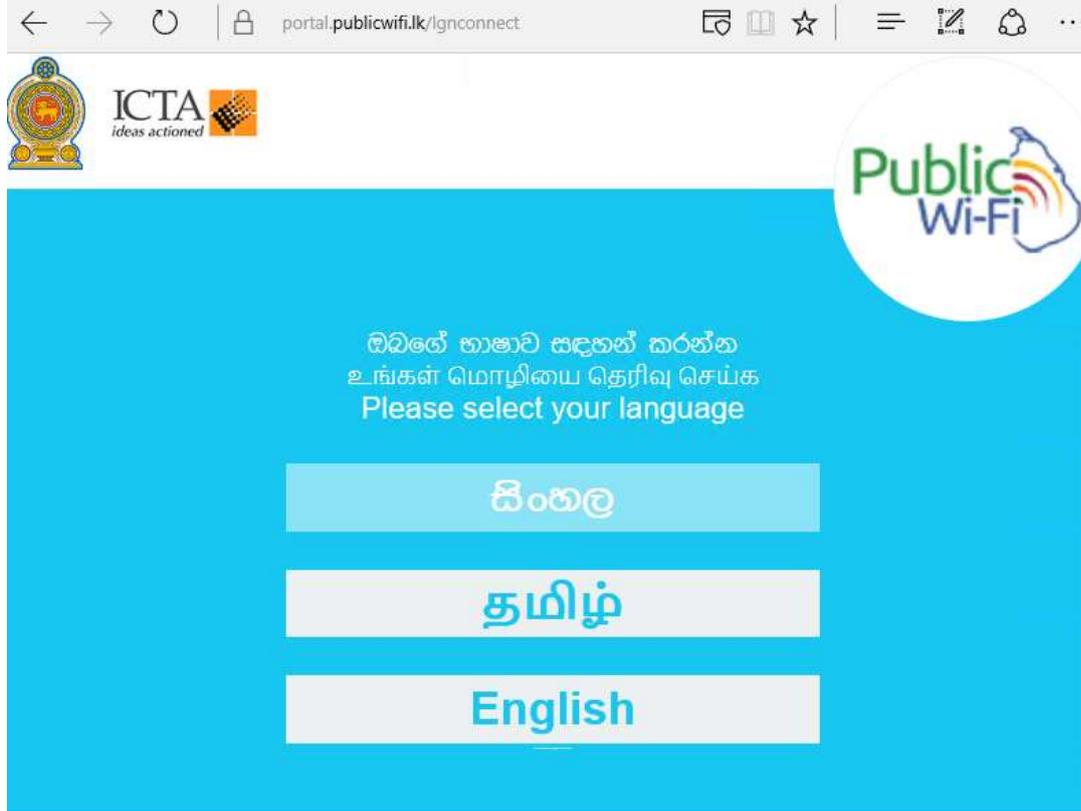
You are now successfully logged into government free WiFi network.

You can now browse Internet through your web browser.



7. Logout from Public Wi-Fi

User will be logged out after the configured idle timeout.
Initial login page will be displayed.



The screenshot shows a web browser window with the URL `portal.publicwifi.lk/lgnconnect`. The page features the ICTA logo (ideas actioned) and the Public Wi-Fi logo. The main content area is blue and contains the following text:

ඔබගේ භාෂාව සඳහන් කරන්න
உங்கள் மொழியை தெரிவு செய்க
Please select your language

Below the text are three buttons for language selection:

- සිංහල
- தமிழ்
- English

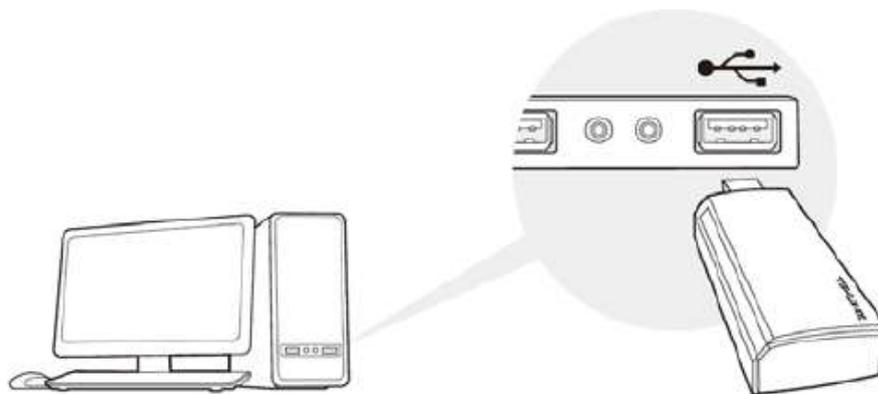
8. WiFi Adapter - Installation Guide for Ubuntu



8.1 Connect to a Computer

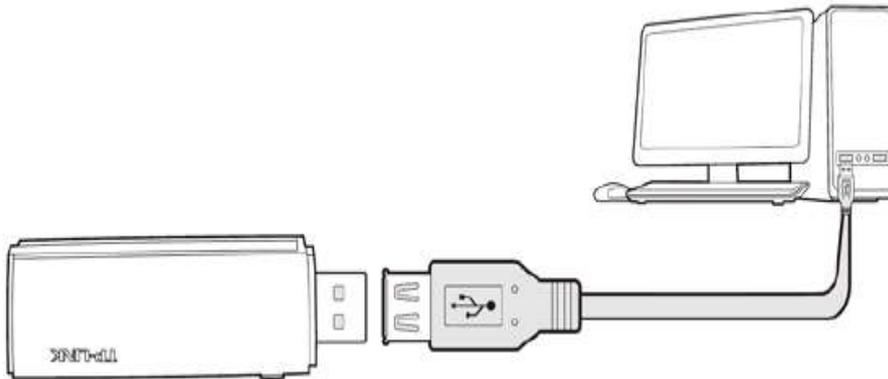
Option 1 : Directly

Insert the adapter into a USB port on your computer directly.



Option 2: Via the USB Extension Cable

Connect the adapter and your computer with the provided USB extension cable.



8.2 Install Driver and Utility

8.2.1 Download the driver through this link

<http://software.gov.lk/ubuntu/master.zip> (Can access only within LGN)

8.2.2 Extract the Downloaded Folder



8.2.3 Login as super user and enter the root password

```
su  
<password>
```

```
ewis@ewis-ewispro2700:~/rtl8812AU_8821AU_linux-master$ su  
Password: █
```

8.2.4 Go to inside the extracted directory through terminal

`cd <path to extracted directory>`

```
root@ewis-ewispro2700:/home/ewis# cd /home/ewis/Downloads/rtl8812AU_8821AU_linux-master
```

8.2.5 Now type following commands

`make`

```
ewis@ewis-ewispro2700:~/Downloads/rtl8812AU_8821AU_linux-master$ make
```

`sudo make install`

```
ewis@ewis-ewispro2700:~/Downloads/rtl8812AU_8821AU_linux-master$ sudo make install
```

`modprobe rtl8812au`

```
ewis@ewis-ewispro2700:~/Downloads/rtl8812AU_8821AU_linux-master$ modprobe rtl8812au
```

8.3 Join a Wireless Network

8.3.1 After the successfully installation , click the Network icon appears on the desktop and click on the Wi-Fi network "LGN_Wi-Fi"



8.3.2 You are prompted the successful connection as " Connection Established"



8.3.3 Open the browser , type the IP address 10.200.0.12 and enter.
Next provide your username and password and click on the submit button

