

**CAPTIVE PORTAL AUTHENTICATION STEPS for INSTITUTE INTERNET
ACCESS SERVICE ON ALL DEVICES at Residential areas**

This document is mainly for those who have their personal wireless router installed at IITKGP residence and browse the internet through that personal wireless router.

There are typically two modes which are mostly used in the personal wireless router configuration:

- a. Router mode - User will get the default 192.168.X.X range IP addresses.
- b. Bridge Mode - User will get the Institute 10.X.X.X range IP addresses.

There is no browsing performance issue for both the modes. User can choose any one of the modes depending upon their requirement.

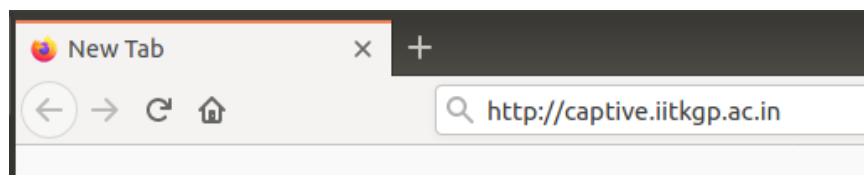
No need to do any extra work on the existing preinstalled personal wireless router. Just check the mode or the IP address you are getting from the wireless device. If you are facing any problem please drop a mail to helpdesk@cc.iitkgp.ac.in.

- ➔ If you are in Router mode then first wifi connected device need to authenticate in the captive portal to get the institute internet service. Next connected devices will get the institute internet service without authenticate in the captive portal. Captive portal authentication steps are given below.
- ➔ If you are in Bridge mode then every wifi connected device need to authenticate in the captive portal to get the institute internet service. Captive portal authentication steps are given below.

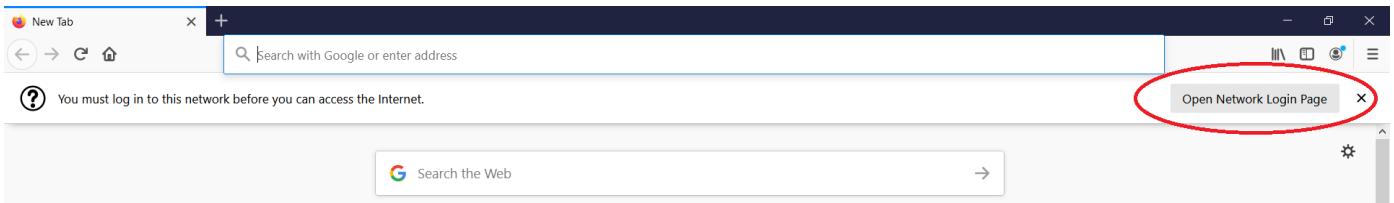
CAPTIVE PORTAL AUTHENTICATION STEPS

Note: You will have to authenticate each time if you logged out or got session time out. This is the typical steps for all the devices, Screenshot may slightly differ depending upon devices.

1. Open any browser or browsing app and type the URL :- <http://captive.iitkgp.ac.in> to access the Institute captive portal authentication page.



User can click on the “Open Network Login Page” option to open the institute captive portal page in the updated Firefox browser only. It will be not shown in any other browsers or in browsing apps.



You will be redirected to the <https://captive.iitkgp.ac.in/PortalMain> website as follows.



2. Fill up the form on the screen using your Institute Network Credential. Set the values in the fields as follows:

User name: Type your ERP login ID/Network User ID

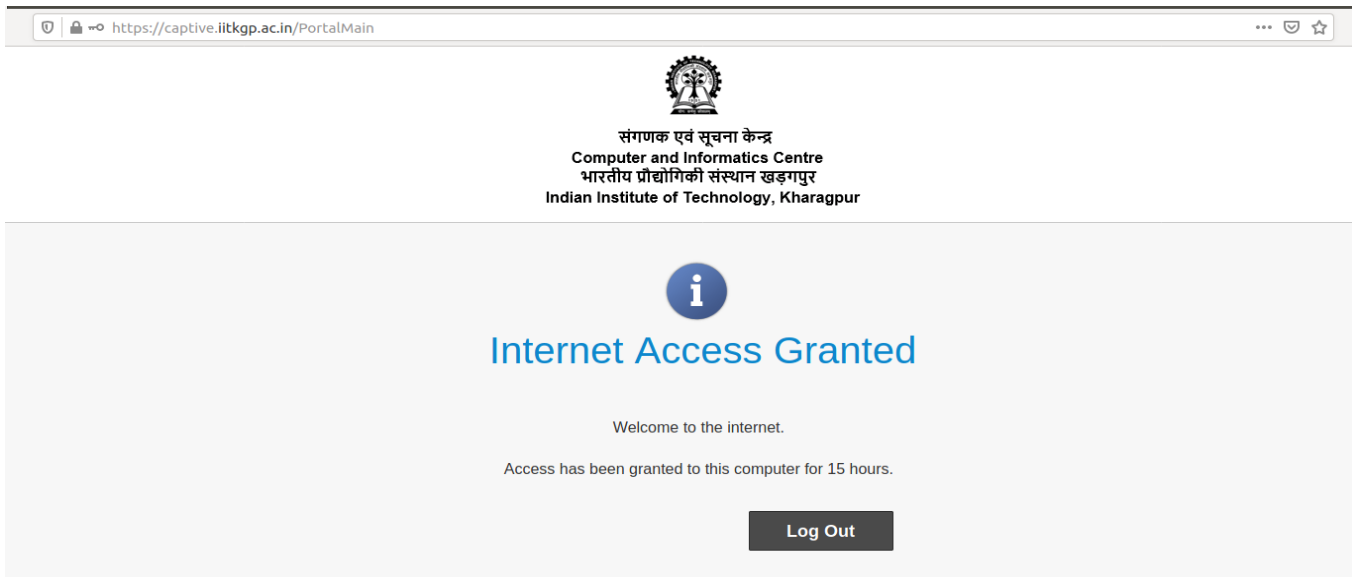
Password: Type your Network Password (The Network Password you set in ERP, NOT your ERP password)



The image shows a login form titled "Internet Access Login". At the top center is a blue circular icon containing a white smartphone. Below the icon, the title "Internet Access Login" is displayed in a large, blue, sans-serif font. Underneath the title, a message reads: "In order to securely connect to the internet, please enter your credentials". The form consists of two input fields: "Username" with the value "16500" and "Password" with a masked password of ten dots. A dark grey "Log In" button is positioned at the bottom center of the form.

Click on "Log In".

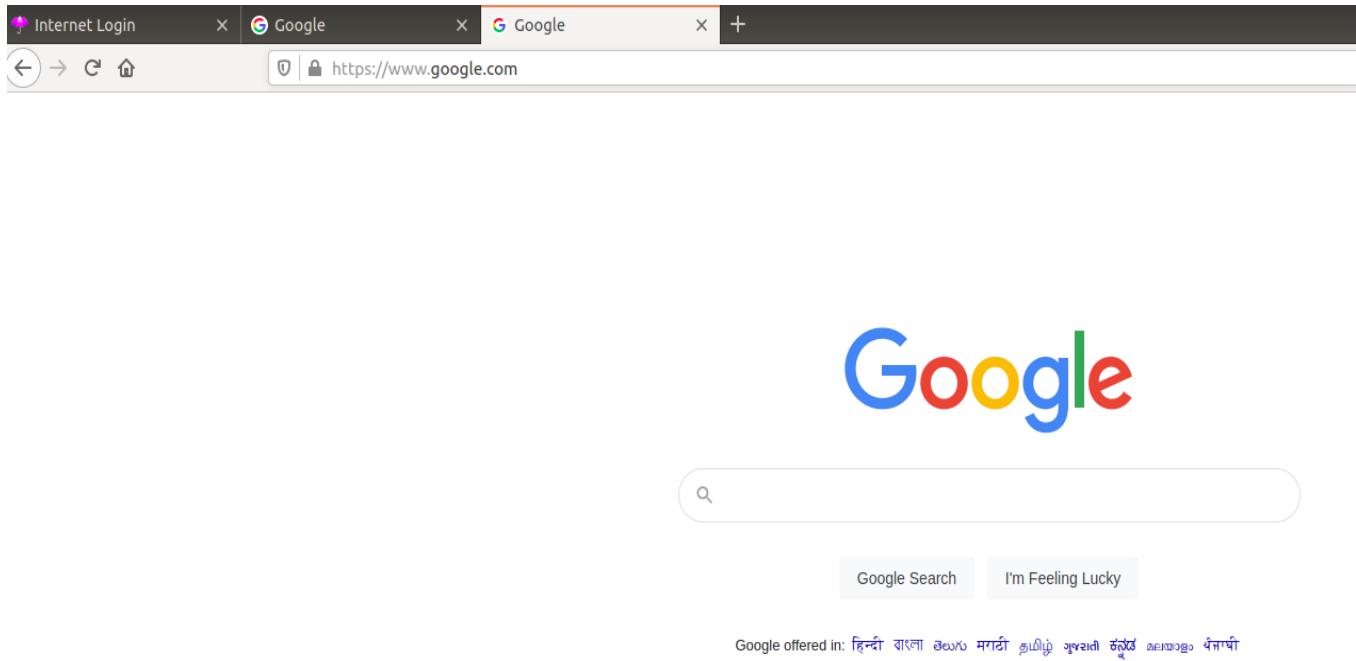
4. You can see that "Internet Access Granted" page is came and your device is now connected to the Internet.



The image shows a web browser window displaying the "Internet Access Granted" page. The browser's address bar shows the URL "https://captive.iitkgp.ac.in/PortalMain". The page features the logo of the Indian Institute of Technology, Kharagpur, at the top center, with the text "संगणक एवं सूचना केन्द्र", "Computer and Informatics Centre", "भारतीय प्रौद्योगिकी संस्थान खड़गपुर", and "Indian Institute of Technology, Kharagpur" below it. The main content area has a blue circular icon with a white lowercase 'i' at the top center, followed by the title "Internet Access Granted" in a large, blue, sans-serif font. Below the title, the text "Welcome to the internet." is displayed, followed by "Access has been granted to this computer for 15 hours." A dark grey "Log Out" button is located at the bottom center of the page.

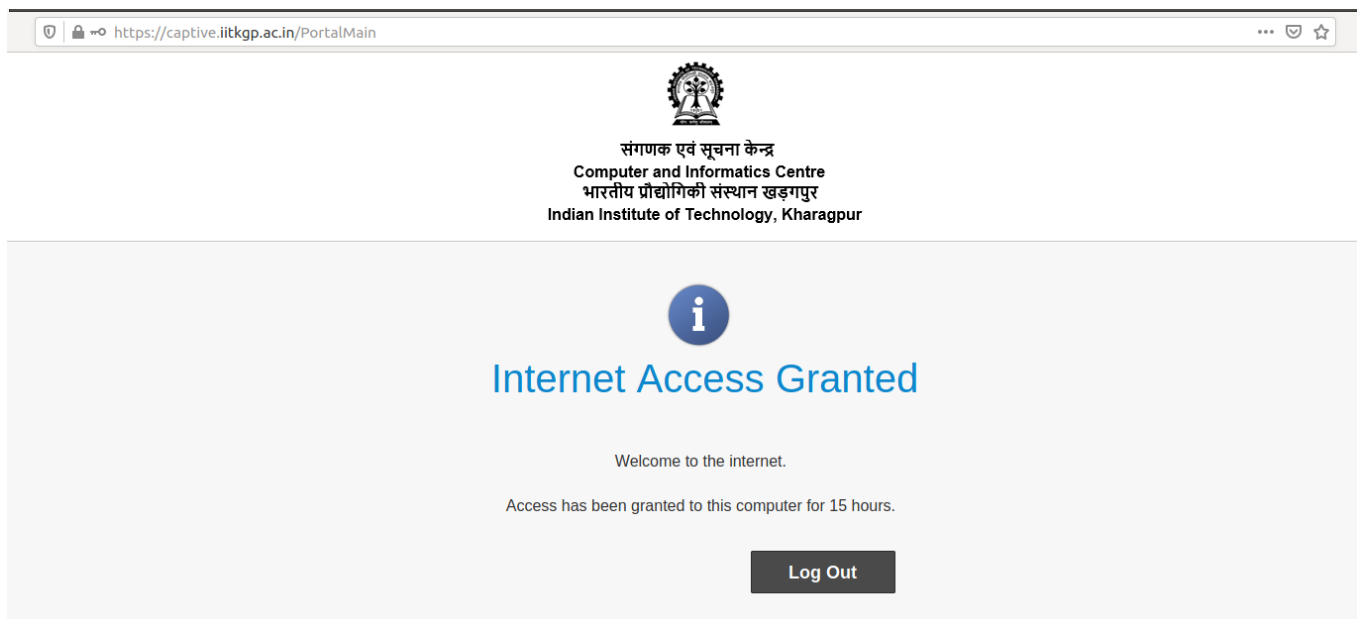
User can close the "Internet Access Granted" page also if they want. But it is better to remain open till Log Out.

5. You can now browse the desired websites in browser new tabs or in browser new windows or in new browsers also.

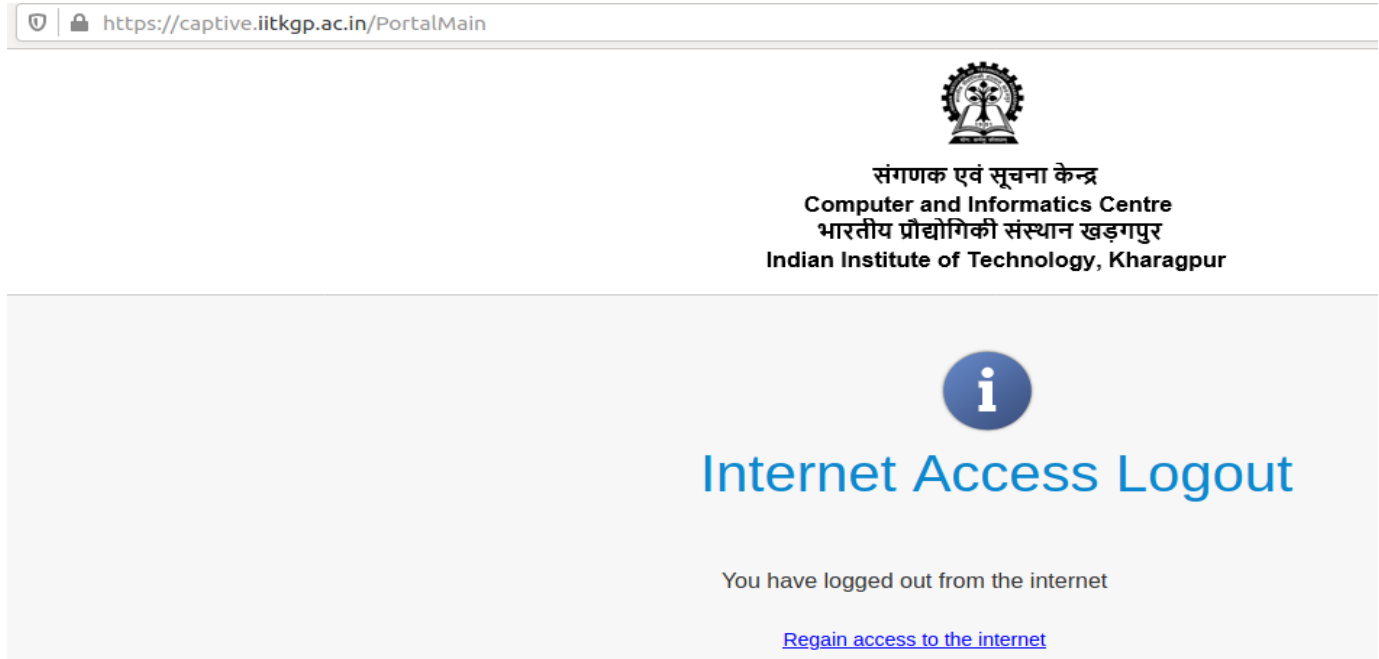


Log Out steps for Captive Portal authenticated devices

1. Click on the “Log Out” button in the “Internet Access Granted” page. Log Out will disconnect your device from the institute internet service.



User will get the page as follows after Log Out.



https://captive.iitkgp.ac.in/PortalMain

संगणक एवं सूचना केन्द्र
Computer and Informatics Centre
भारतीय प्रौद्योगिकी संस्थान खड़गपुर
Indian Institute of Technology, Kharagpur

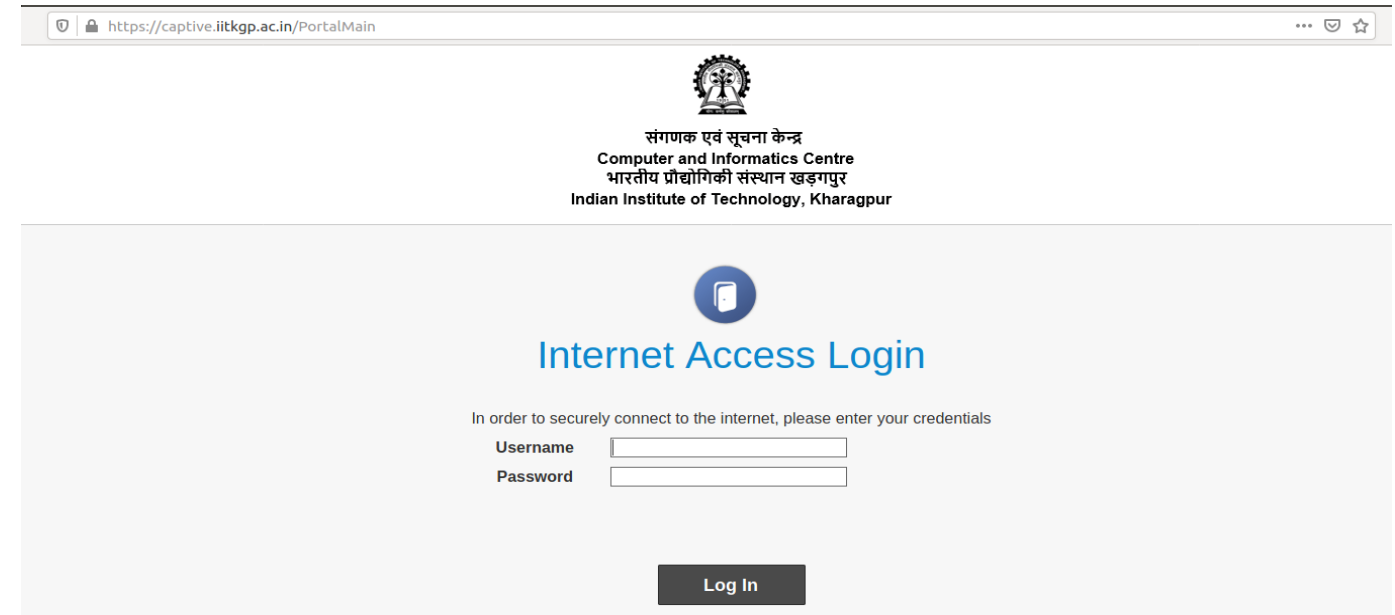
Internet Access Logout

You have logged out from the internet

[Regain access to the internet](#)

If You want to relogin to the internet service then click on “Regain access to the internet” link and proceed with the same previous steps to login to the institute internet service.

2. If “Internet Access Granted” page is closed then User can also logout directly by typing and execute the URL <http://captive.iitkgp.ac.in> in the browser at any time and it will log you out and land you in the login page again.



https://captive.iitkgp.ac.in/PortalMain

संगणक एवं सूचना केन्द्र
Computer and Informatics Centre
भारतीय प्रौद्योगिकी संस्थान खड़गपुर
Indian Institute of Technology, Kharagpur

Internet Access Login

In order to securely connect to the internet, please enter your credentials

Username

Password

Log In

Note: User will be logged out implicitly after 900 minutes/15 hours from the login time for that particular devices. User Devices need to be again login to continue with the institute internet service.