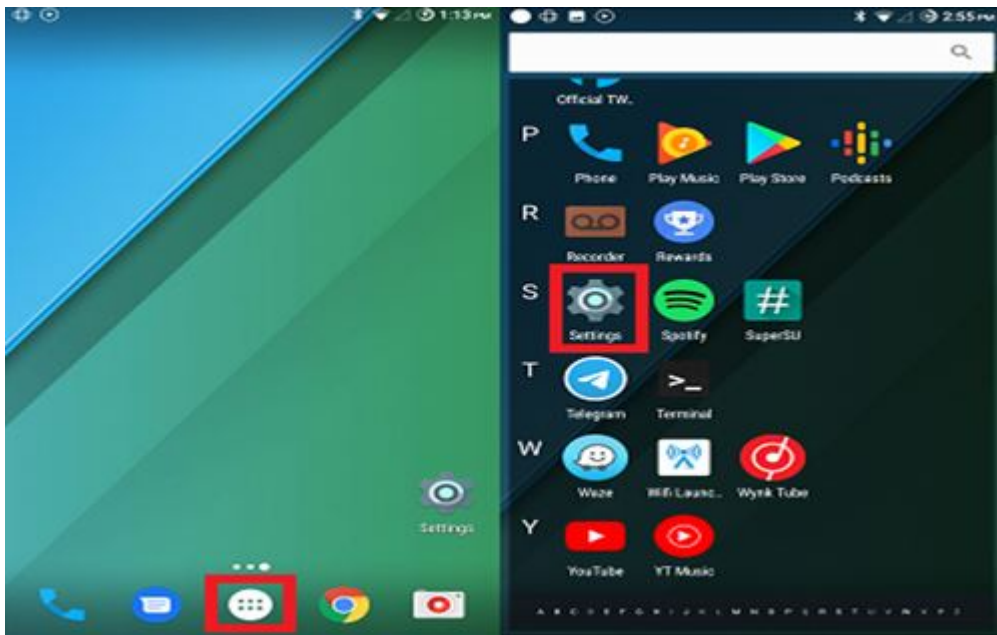


Android Phone

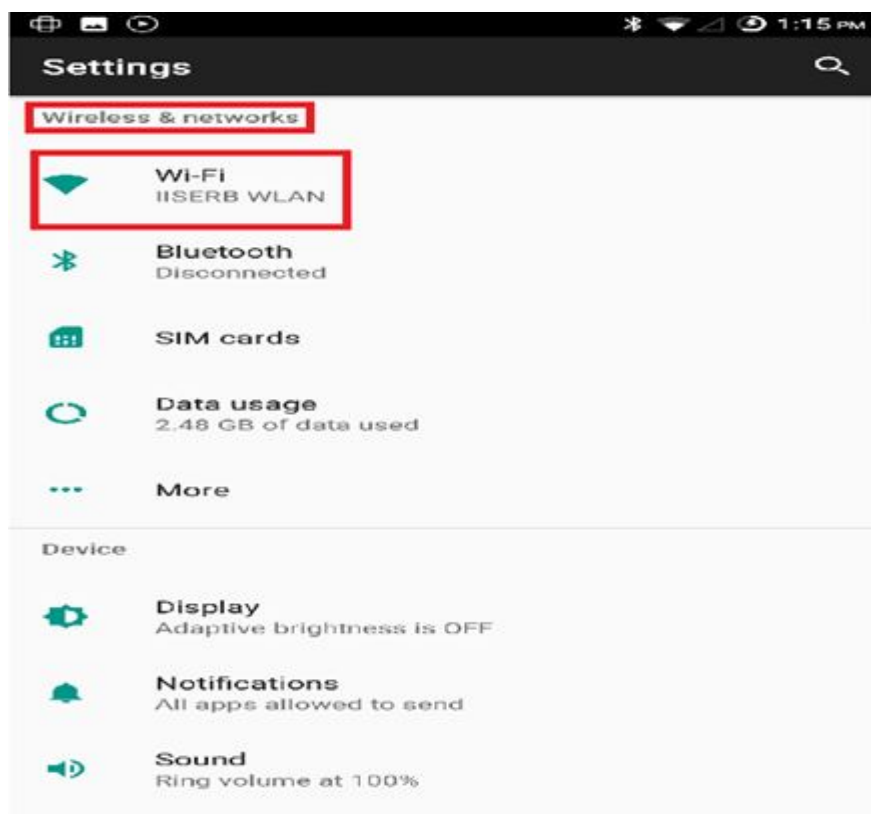
How to find the MAC or Hardware MAC Address of an Android Phone?

Method: - 1

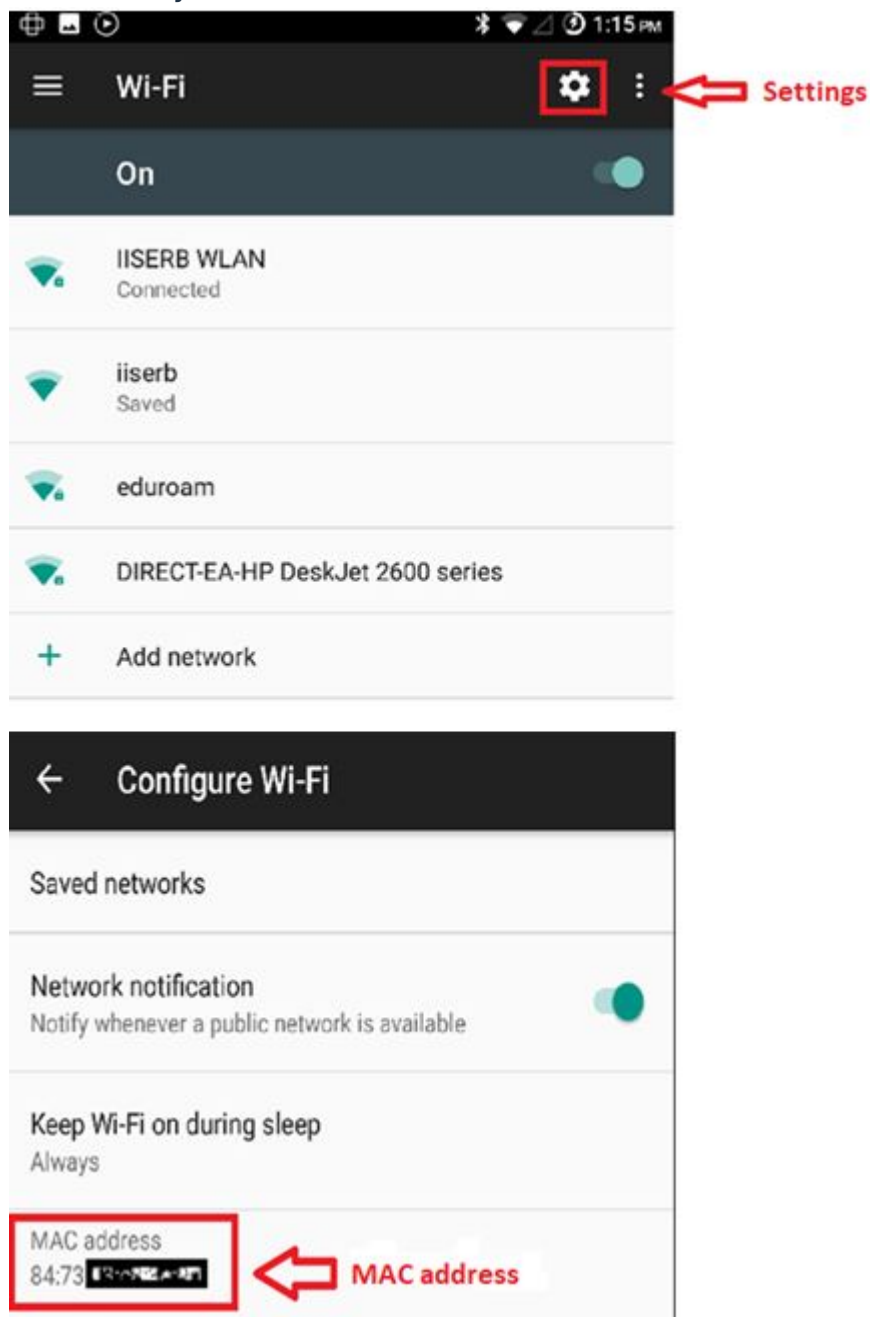
1. Go to Phone Settings.



2. Select Wi-Fi option, which would be available under Wireless & networks or Connections etc.



3. Select Wi-Fi Settings or go to the Advanced option and find out the MAC Address of your android device.



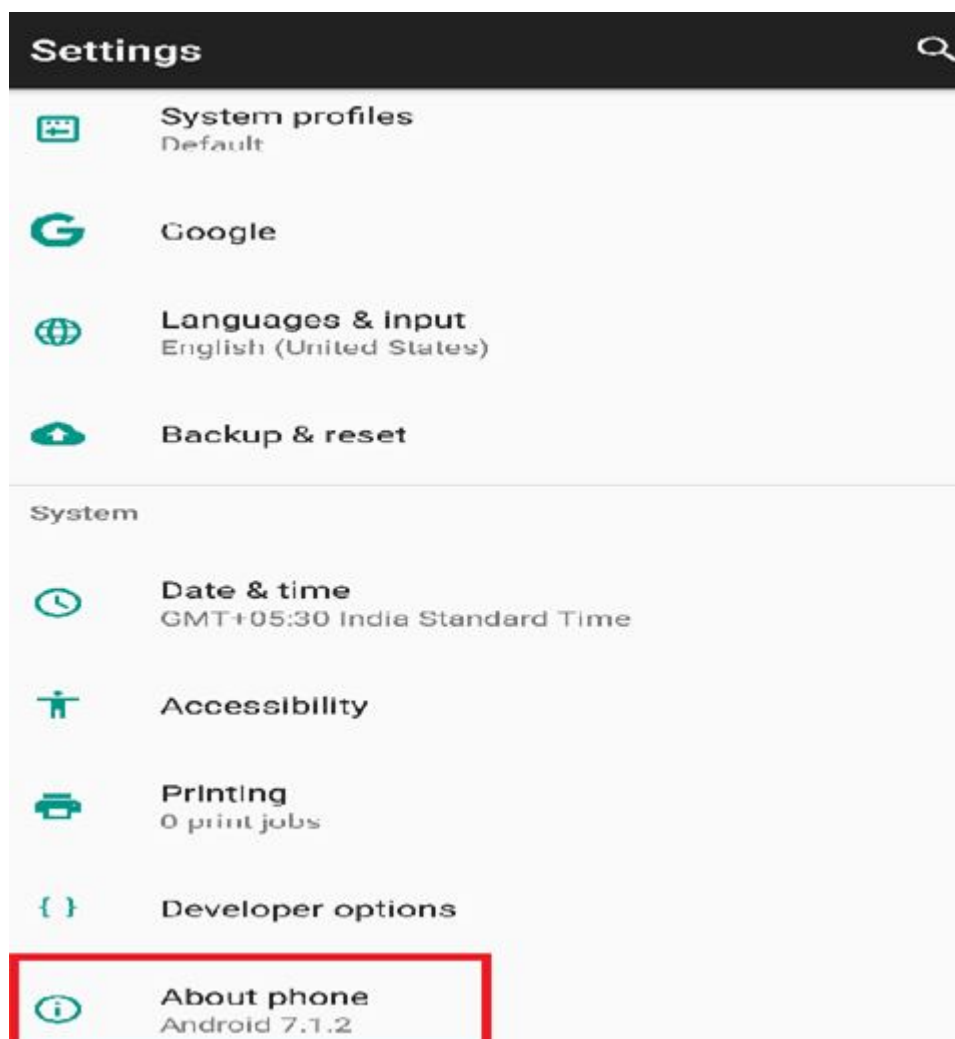
Note- These options may vary according to the different Phone model.

Method: - 2

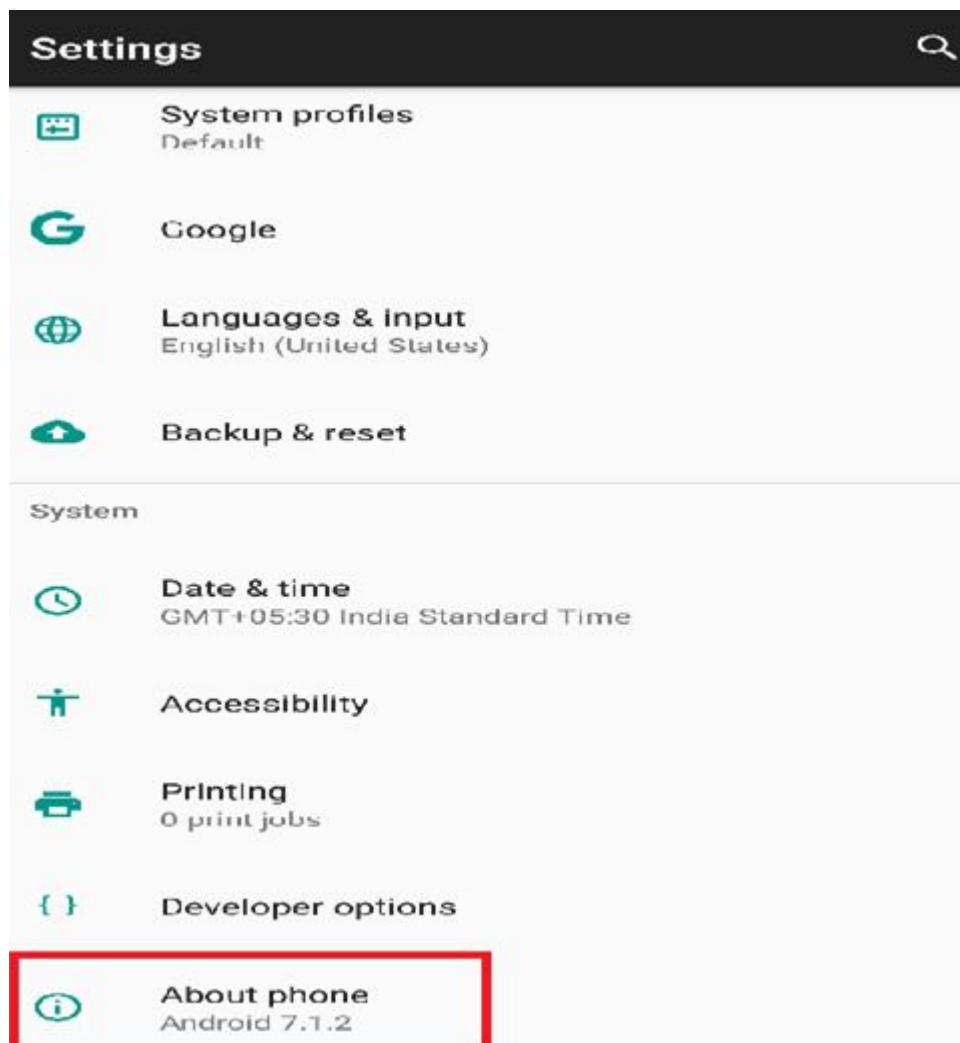
1.Press the Menu Key and select Settings.



2.Select About Phone.



- 3.Select Status and find Wi-Fi MAC Address.



Method: - 3

1. You may download and install What's my MAC? free app from Play Store or follow the below mention link and install it.

<https://play.google.com/store/apps/details?id=net.mobizme.mymacaddress&hl=en>



This app shows your MAC address and Wi-Fi network information.

2. Install and open it.



Please uninstall the app once task is completed.

The above said methods are just a help to find out your device MAC or Hardware Address.

iPhone, iPad, iPod touch in iOS

How to find the MAC or Hardware MAC Address of an iPhone, iPad, iPod touch in iOS?

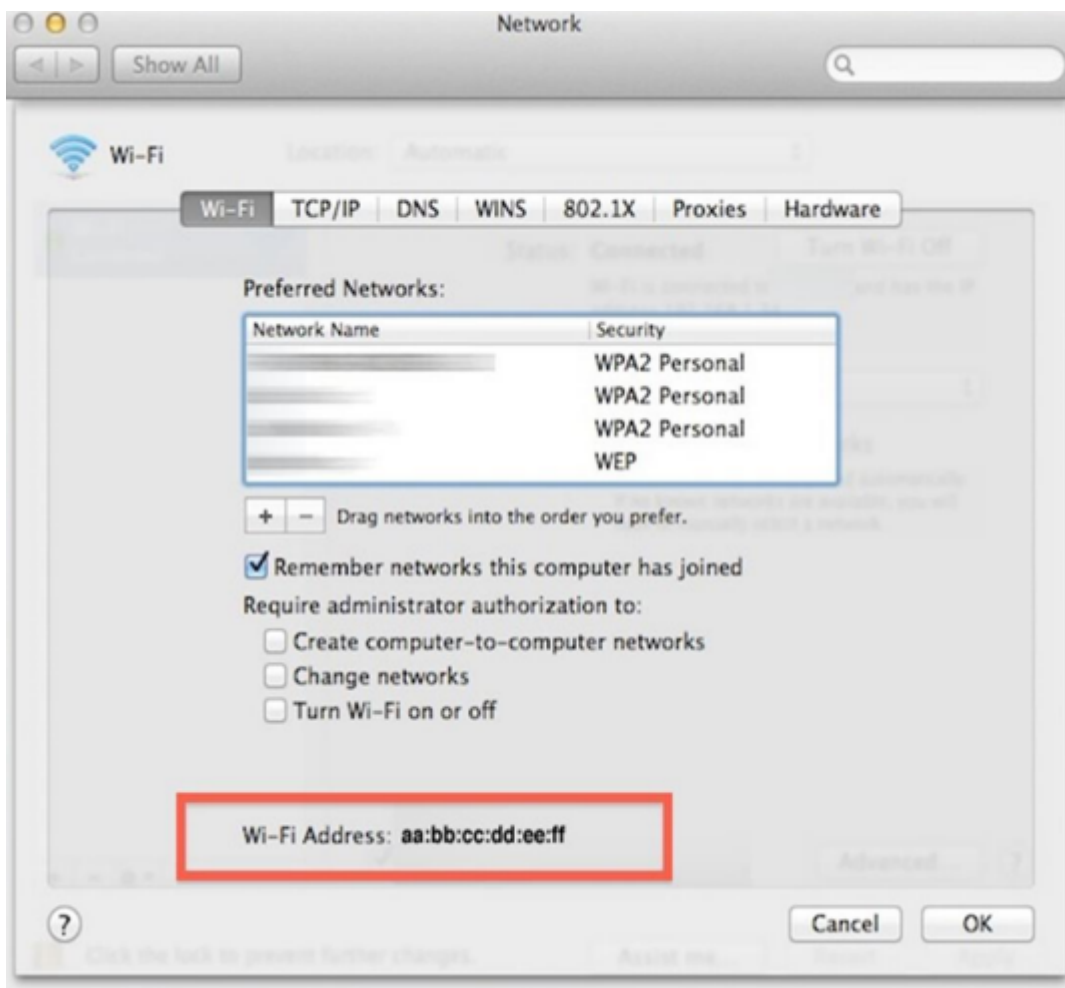
- Open the Settings app in iOS
- Tap on General
- Navigate to and select the **About** option
- Scroll down and locate what is labelled as the **Wi-Fi Address**
- The characters next to **Wi-Fi Address** are the iPhone, iPad, or iPod touch hardware MAC address

An iOS devices MAC address is always in what looks like a randomized hexadecimal format like 'xx.xx.xx.xx.xx.xx', with each segment of 'xx' defined as a set of alpha numeric letters, numbers, or both.

Mac OS X

How to locate a MAC or Hardware Address in Mac OS X?

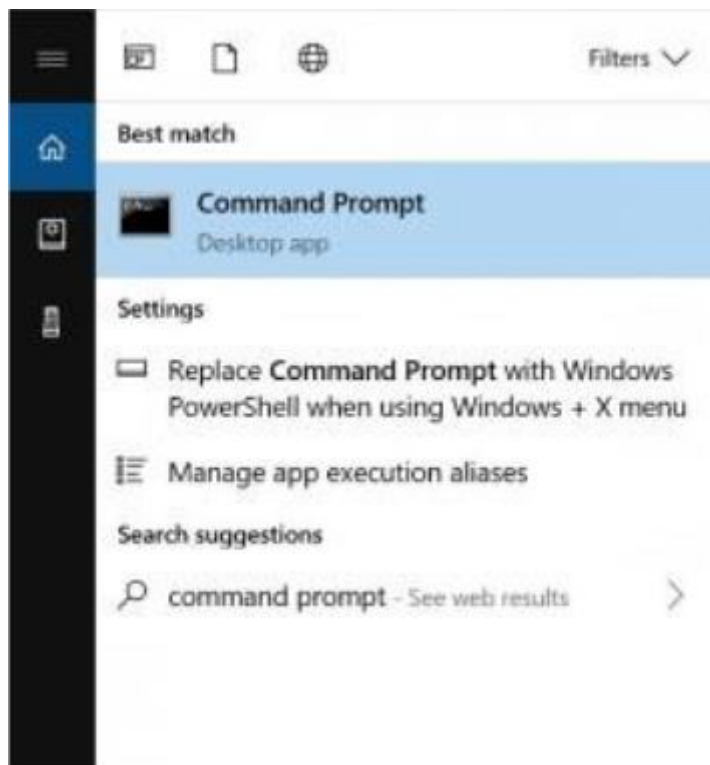
- To quickly find a MAC address on a Mac with OS X, do the following:
- Open System Preferences from the Apple menu
- Click on **Network**
- Select your currently active network connection from the left menu (Wi-Fi, Ethernet, etc) and then click on **Advanced** in the lower right corner
- Look at the bottom of the window for **Wi-Fi Address**, the hexadecimal characters next to this are the machines MAC address



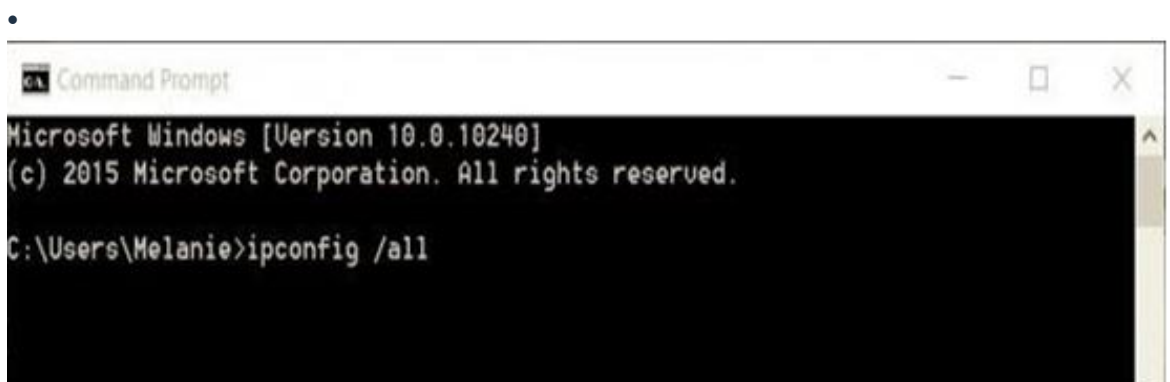
The address is always in the form aa:bb:cc:dd:ee:ff, looking something like **ce:9e:8d:02:1d:e9** or a variation of.

How to find MAC or Hardware Address in Windows 10?

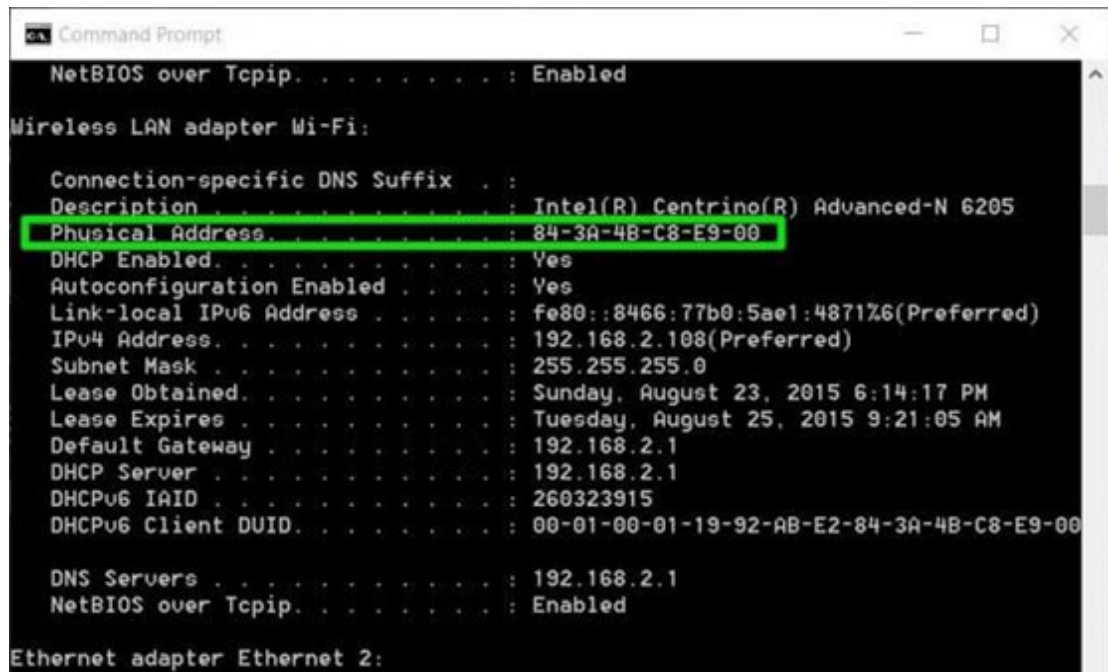
- **a. From Command Prompt**
- The quickest way to find the MAC address is through the command prompt.
 - Open the command prompt. Search "**Command Prompt**" in the taskbar, or if you have an older version of Windows, you can right-click on the Start button and select Command Prompt from the menu.



- **Type in ipconfig /all and press Enter.** This will display your network configuration.



Find your adapter's physical address. Scroll down to your network adapter and look for the values next to "Physical Address," which is your MAC address.



```
Command Prompt
NetBIOS over Tcpip. . . . . : Enabled

Wireless LAN adapter Wi-Fi:

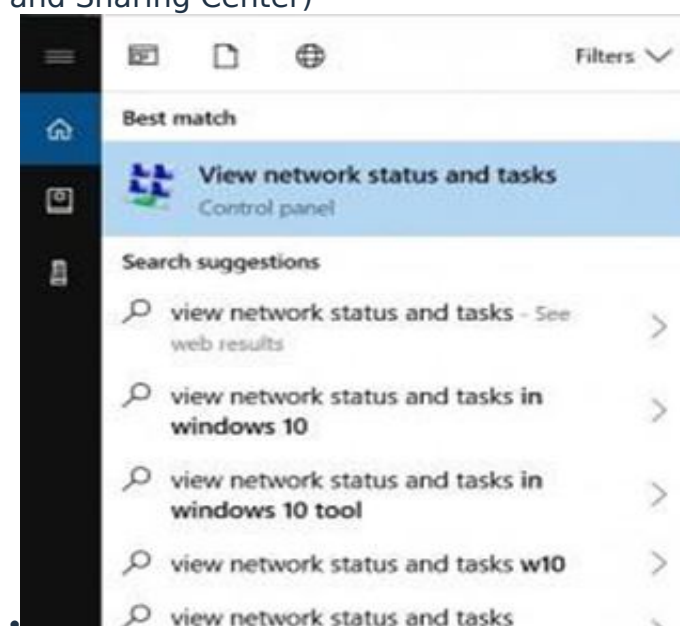
Connection-specific DNS Suffix . : 
Description . . . . . : Intel(R) Centrino(R) Advanced-N 6205
Physical Address. . . . . : 84-3A-4B-C8-E9-00
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::8466:77b0:5ae1:4871%6(Preferred)
IPv4 Address. . . . . : 192.168.2.108(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : Sunday, August 23, 2015 6:14:17 PM
Lease Expires . . . . . : Tuesday, August 25, 2015 9:21:05 AM
Default Gateway . . . . . : 192.168.2.1
DHCP Server . . . . . : 192.168.2.1
DHCPv6 IAID . . . . . : 260323915
DHCPv6 Client DUID. . . . . : 00-01-00-01-19-92-AB-E2-84-3A-4B-C8-E9-00

DNS Servers . . . . . : 192.168.2.1
NetBIOS over Tcpip. . . . . : Enabled

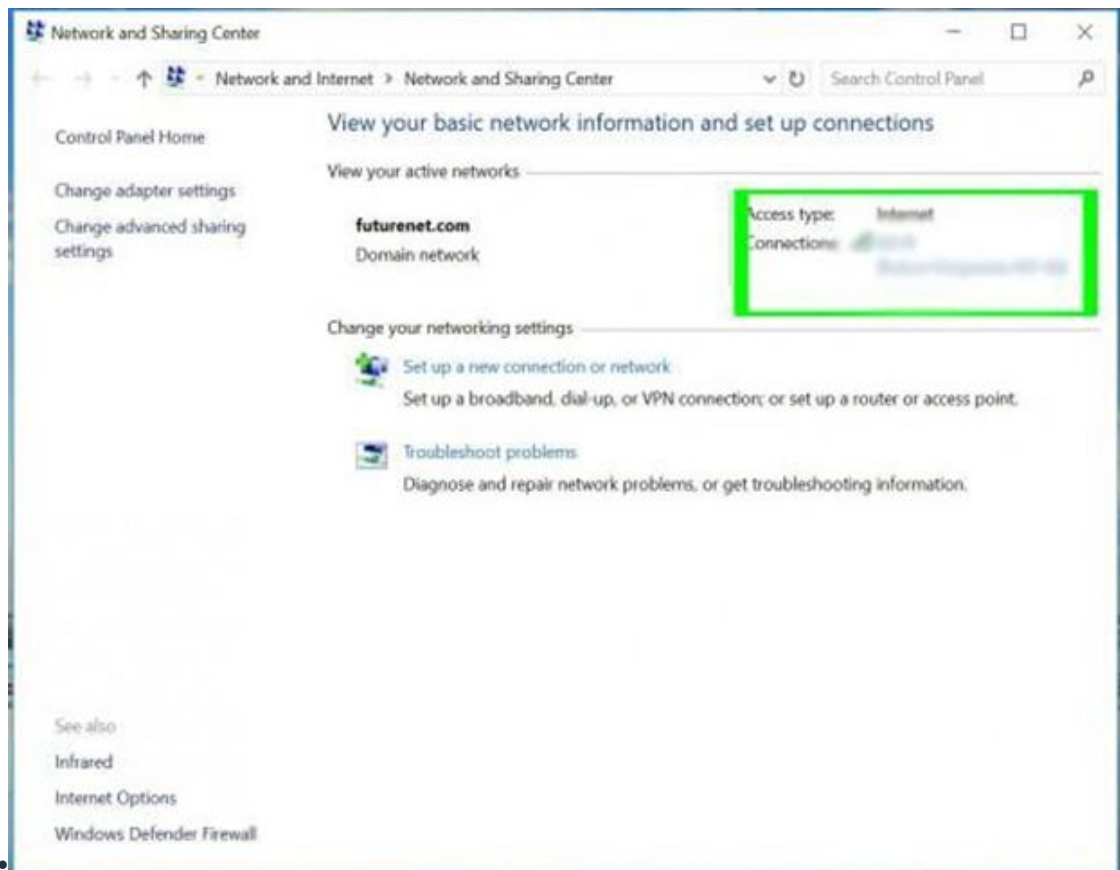
Ethernet adapter Ethernet 2:
```

b. From Network Connection Settings (Find your MAC Address in MS Win 10)
You can also find the MAC address by looking at the details of your network adapter in Windows.

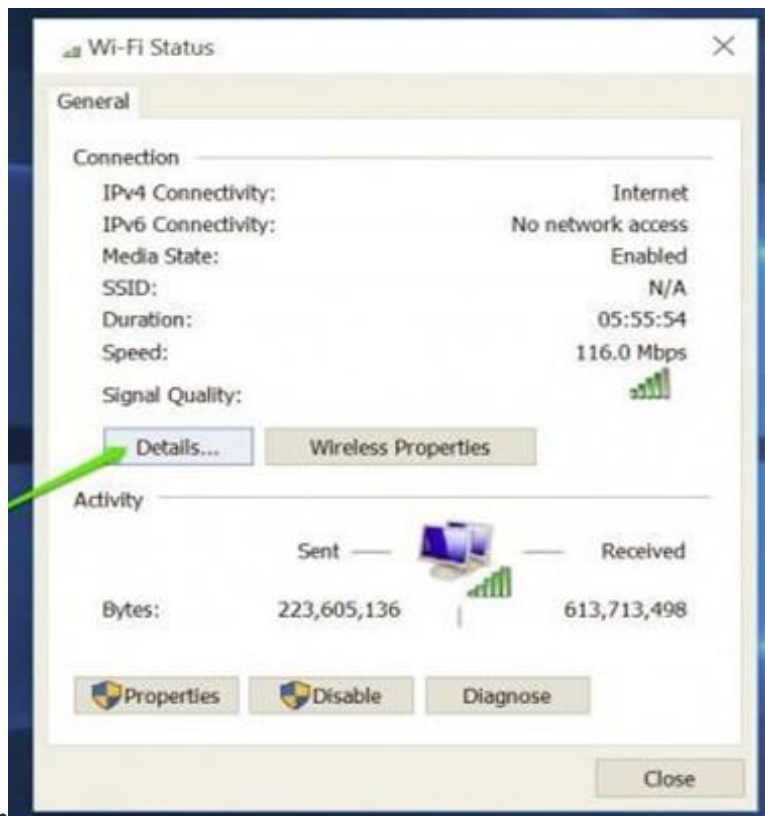
1. **Search "View network status and tasks"** in the taskbar and click on it. (Or navigate to Control Panel > Network and Internet > Network and Sharing Center)



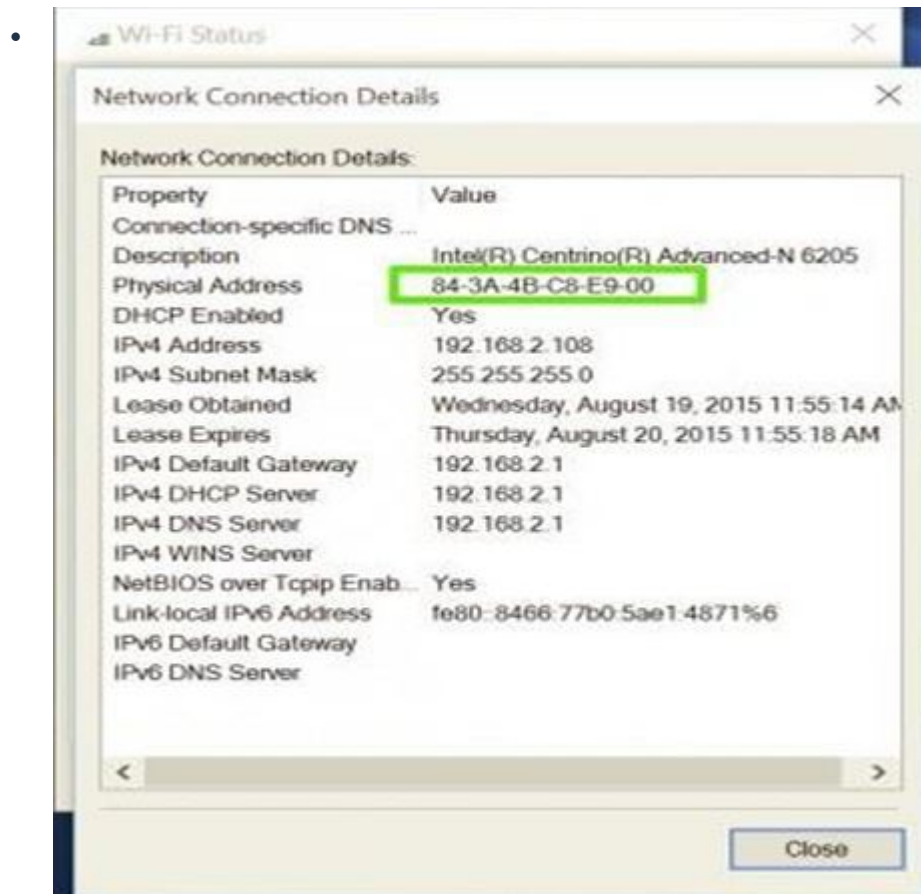
2. Click on your network connection.



3. Click the "Details" button.



4. **Locate the Physical Address.** The value for the physical address in the Network Connection Details window is your MAC address.

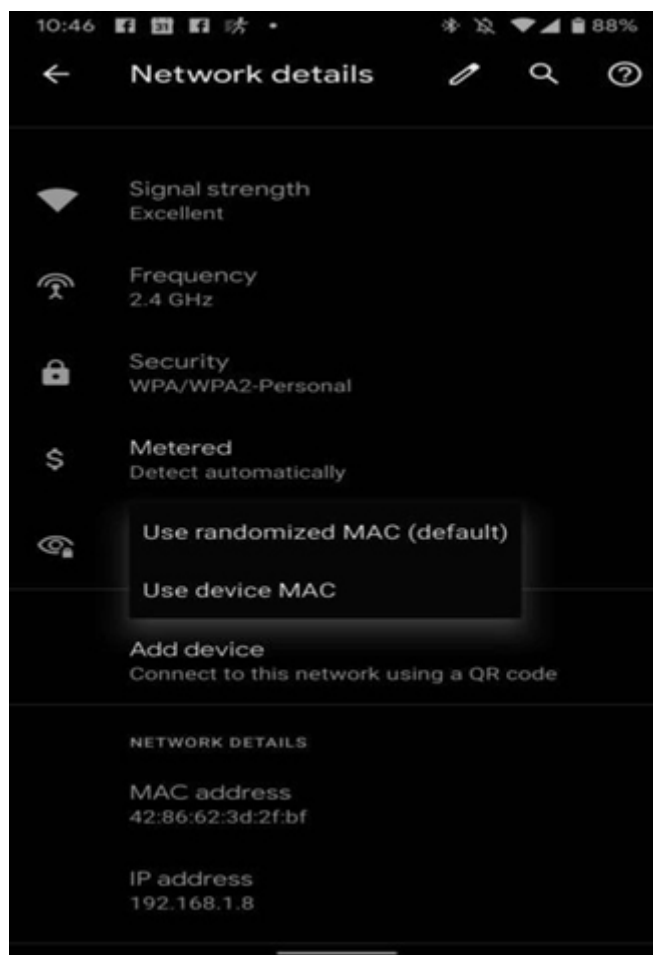


My Internet Still not working after MAC Registration.

Do Not register the randomized MAC address. Always use the **Device MAC/Physical address** Only.

Open the Settings app.

1. Tap Network & Internet.
2. Tap Wi-Fi.
3. Tap the gear icon associated with the wireless connection to be configured.
4. Tap Advanced.
5. Tap Privacy.
6. Tap Use Device MAC



How to turn off randomized MAC addresses in most devices running with Android, iOS, or WIN OS

For Android

Open the Settings app.

Tap Network & Internet/Connections and then Wi-Fi.

Tap the gear icon associated with your phone network.

Tap Advanced and then Privacy.

Tap Use Device MAC.

For iPhone, iPad, or iPod touch

Open the Settings app, then tap Wi-Fi.

Tap the information button next to a network.

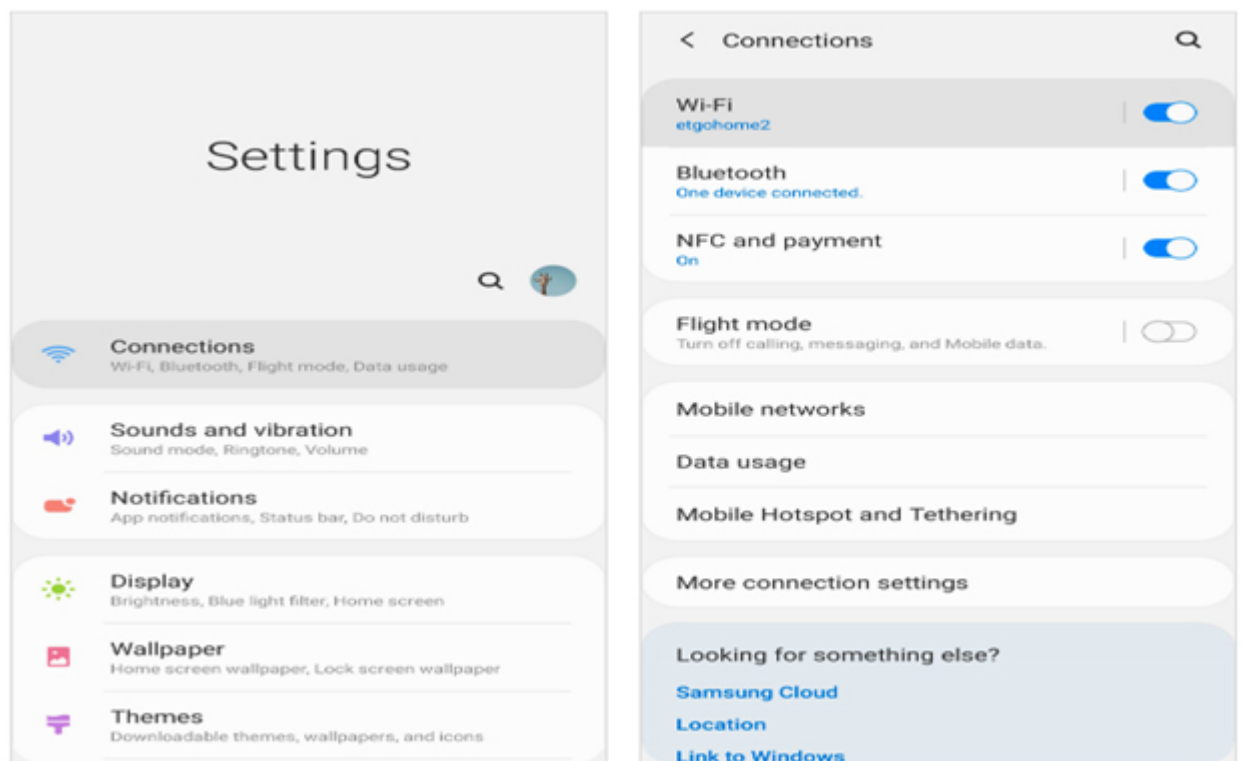
Tap disable Private Address.

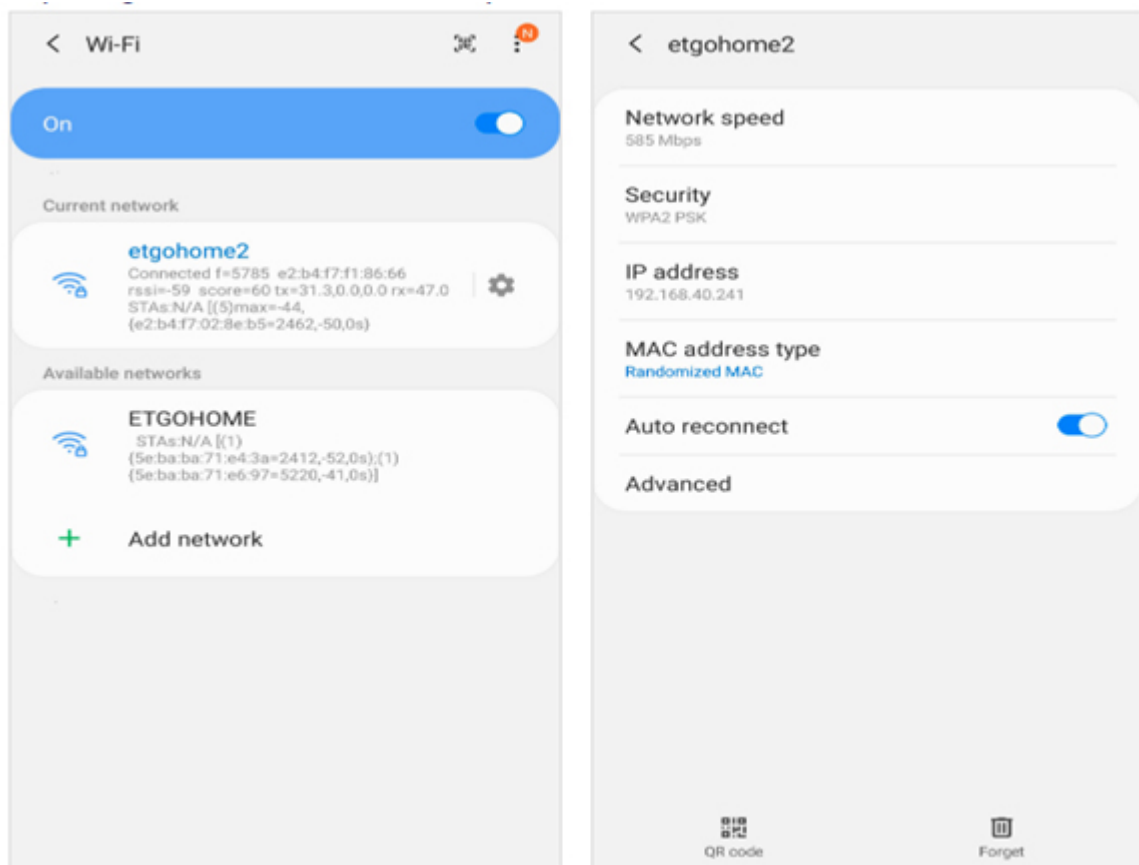
How to turn off random MAC addresses in Samsung Galaxy devices running with Android 10.

Ensure the device is connected to the available network.

Navigate to Settings.

Tap Connections and then Wi-Fi.

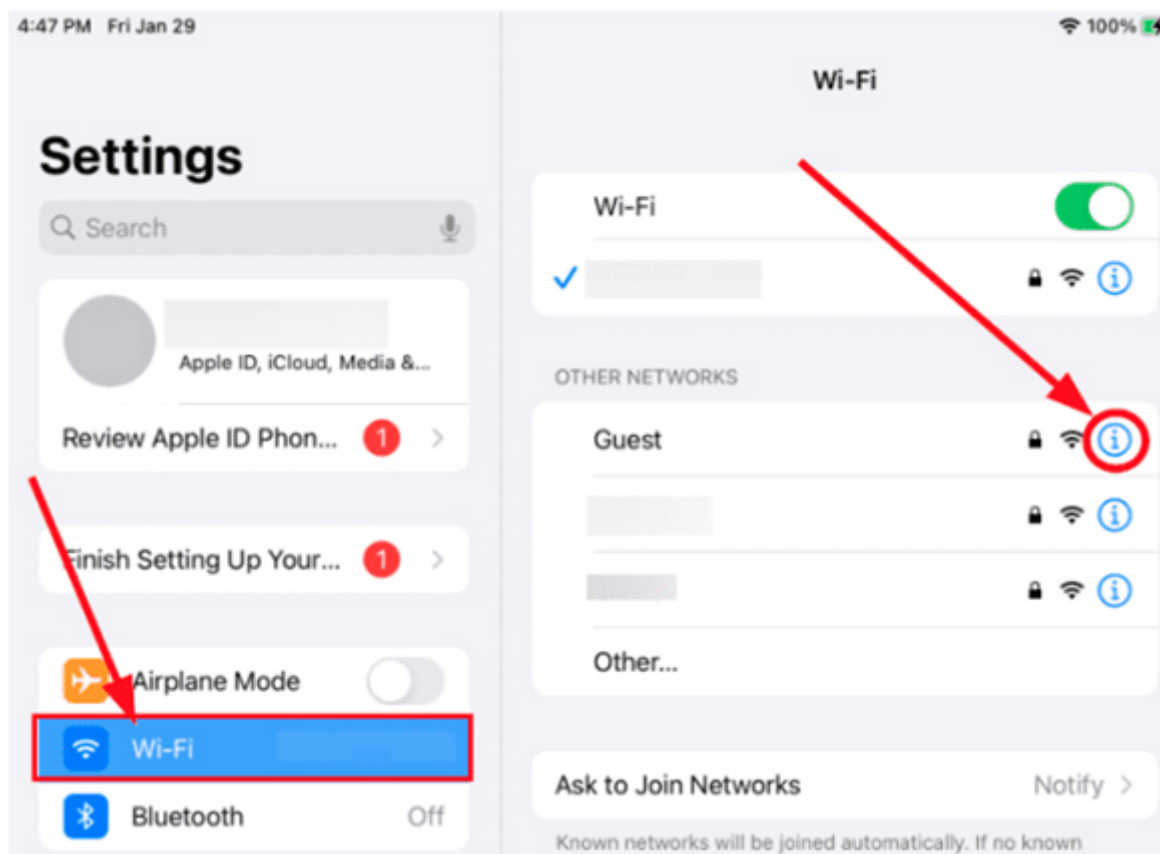




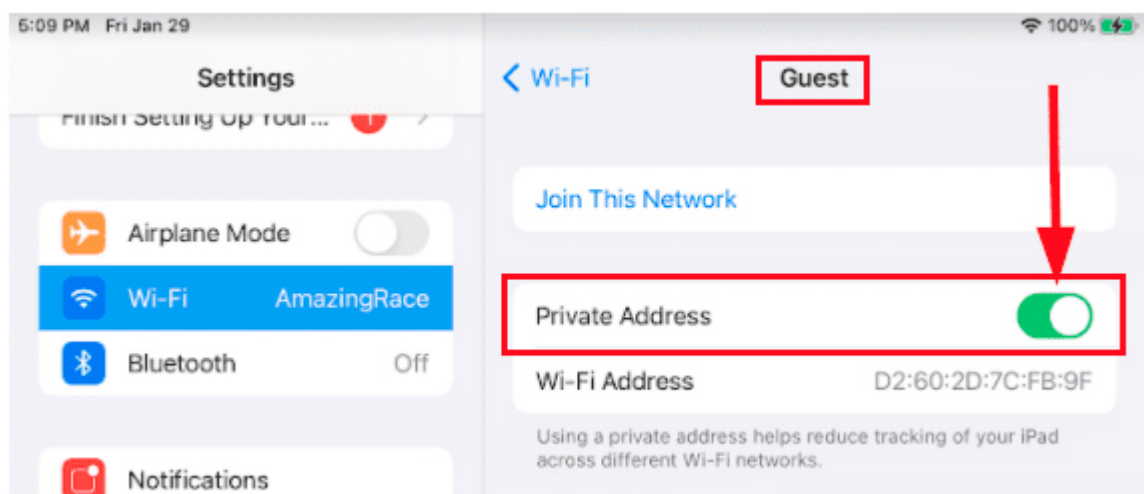
Tap MAC address type.
Choose Phone MAC.

How to turn off random MAC addresses in iPhone, iPad, or iPod touch.

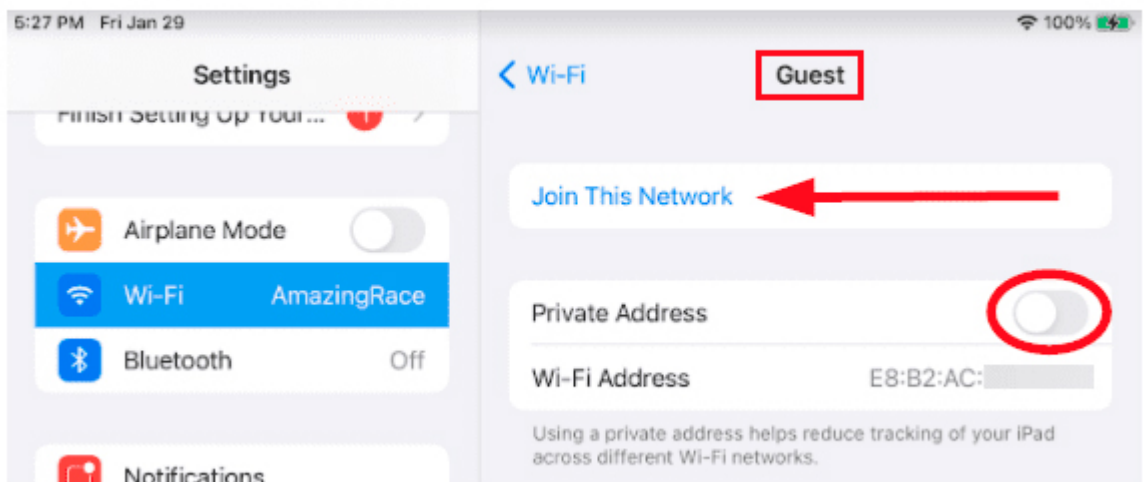
Open the Settings app, then tap Wi-Fi.



Tap the information button next to a network.



Tap disable Private Address.



The following options may be used to exercise online classes.

1. [Google Hangouts Meet](#): For online video meetings/classes.
2. [Microsoft Teams](#): A complete portal for virtual classroom.
3. [An Integrated platform for structured online teaching platform developed by CREATES](#)

Note: For option **(1)** and **(2)**.

Please email us at network@iiserb.ac.in or call us at the below numbers for any technical or operational issues:

Office: +91 755 269 **2455/2453** for any technical or operational issues.

a) Prakhar Pandey	:	+91 990 073 5030
b) Shrinath Dubey	:	+91 980 687 4254
c) Ritesh Thakur	:	+91 810 981 4142
d) Abhishek Sahni	:	+91 990 701 5143

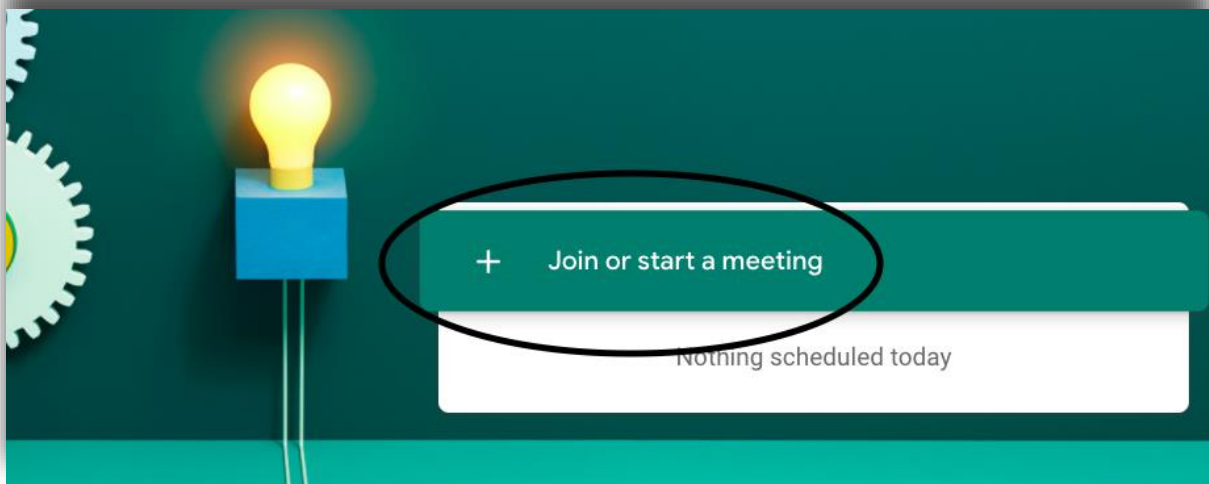
For option **(3)**, please email us at creates@iiserb.ac.in or call at +91 755 269 **2533**

IISERB GOOGLE HANGOUTS MEET (MANUAL):

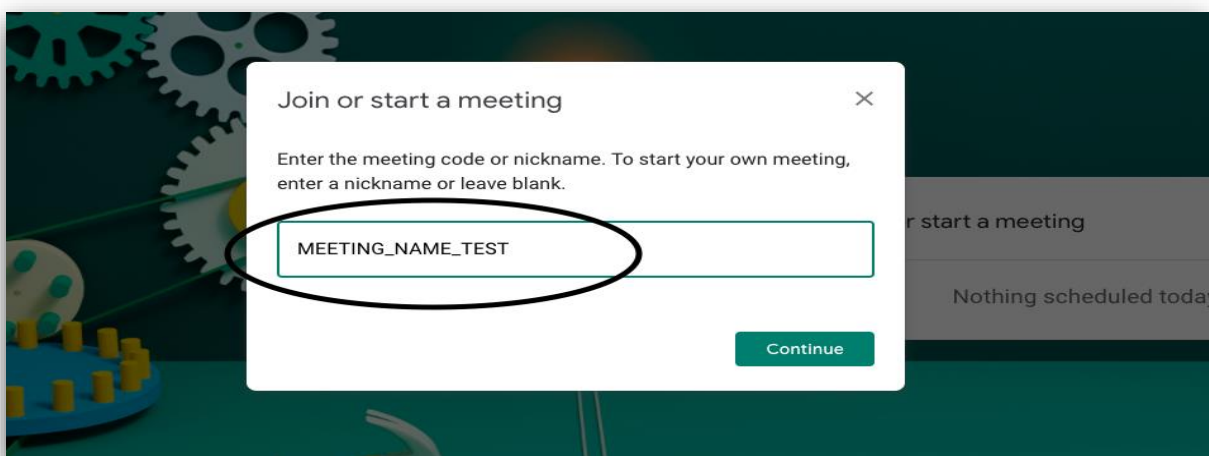
METHOD 1: INITIATE A MEETING ON THE FLY.

Step 1: In a web browser, enter <https://meet.google.com> and sign in with your IISERB email account.

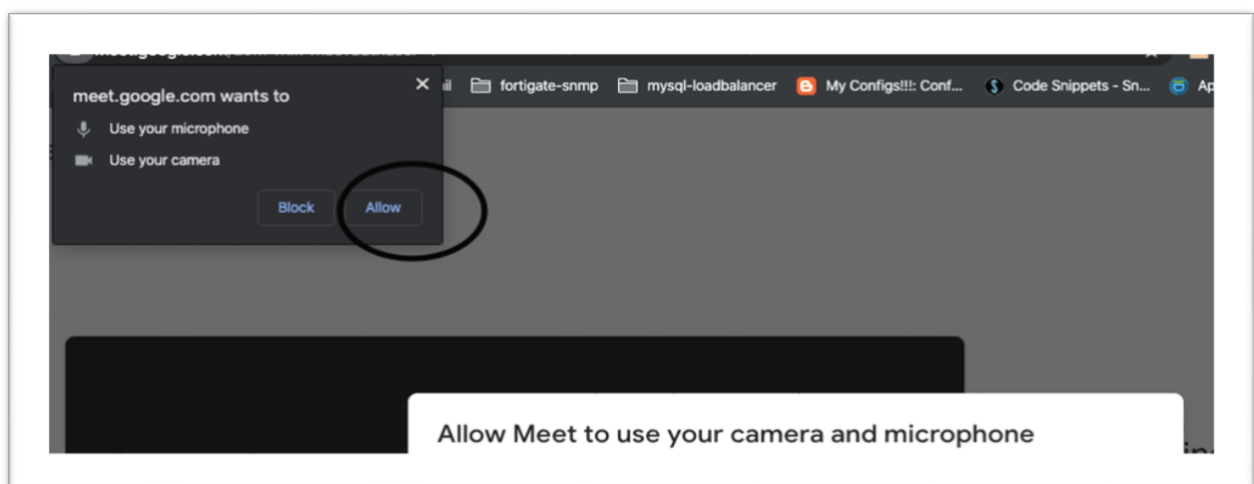
Step 2: Click Join or start a meeting.



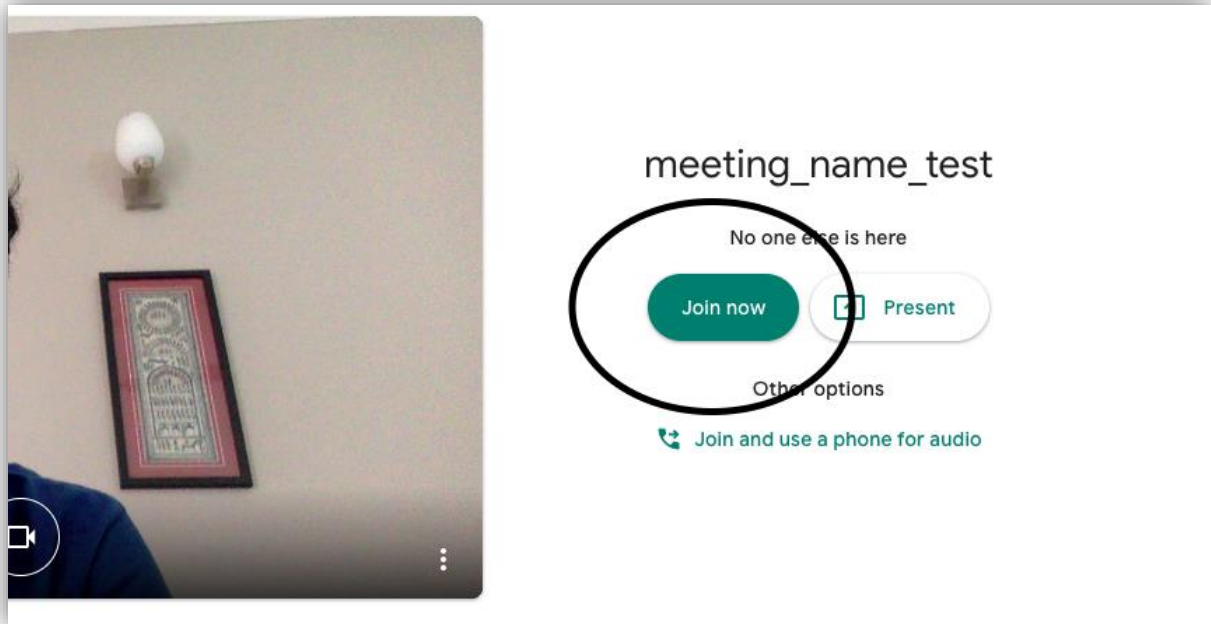
Step 3: Enter the meeting name.



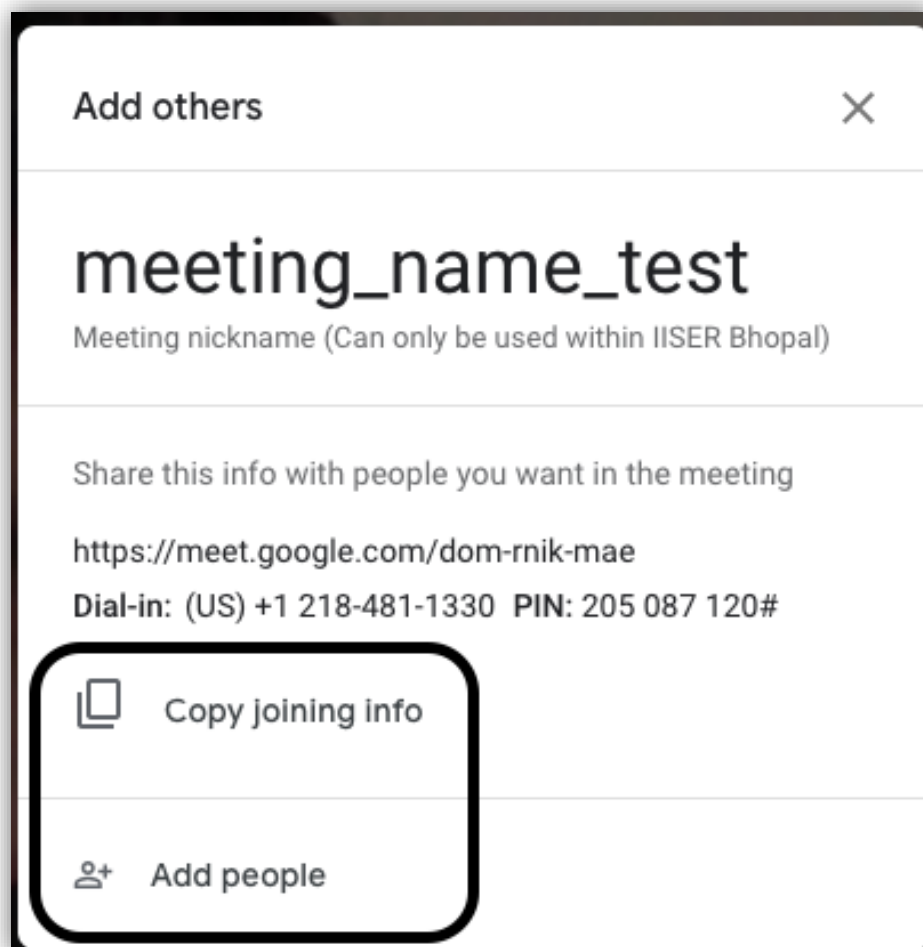
Step 4: Allow access to the Webcam and Mic.



Step 5: Click on “Join now”.



Step 6: Click on “Copy joining info” and share the information with the respective people or You can directly invite people within the organization by using “+ Add people” button.



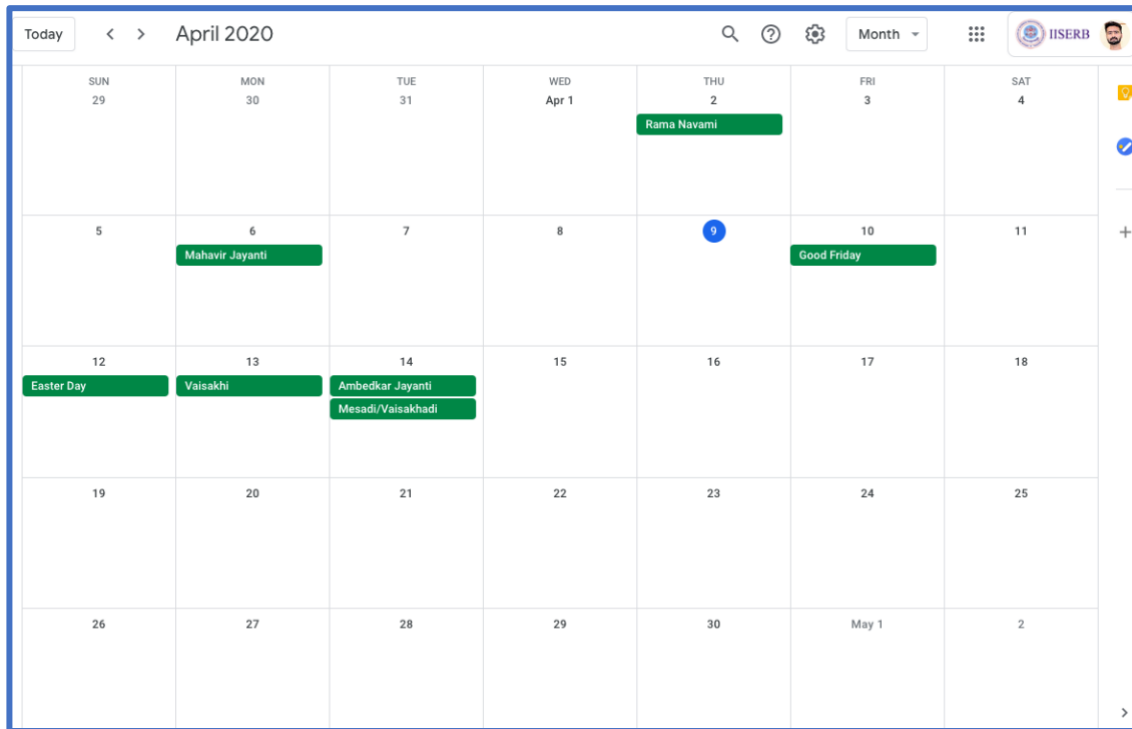
NOTE: You cannot be able to use “MEET” outside the organization.

Reference Video: <https://www.youtube.com/watch?v=K6vwkDZC0AY>

METHOD 2: SCHEDULE A MEETING USING CALENDAR.

Step 1: In a web browser, enter <https://calender.google.com> and sign in with your IISERB email account.

Step 2: Single click on the date on which you want to schedule the meeting.



You will be prompted to fill the information similar to the below one,

Add title and time

Event Out of office Reminder Task Appointment slots

Apr 16, 2020 – Apr 16, 2020 Add time

Add guests

Add location or conferencing

Add description

Abhishek Sahni

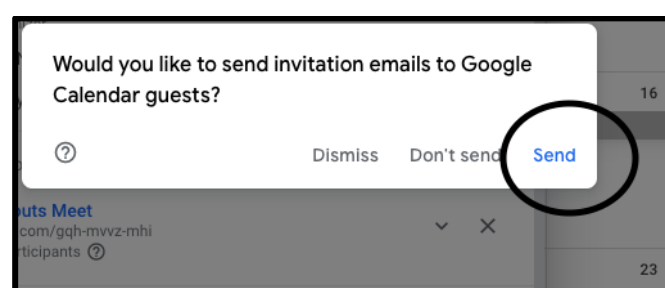
More options Save

Step 3: Enter the required information such as,

- Title of the meeting or event
- Time and date interval
- Guest details
- Conferencing
- Description (If required)

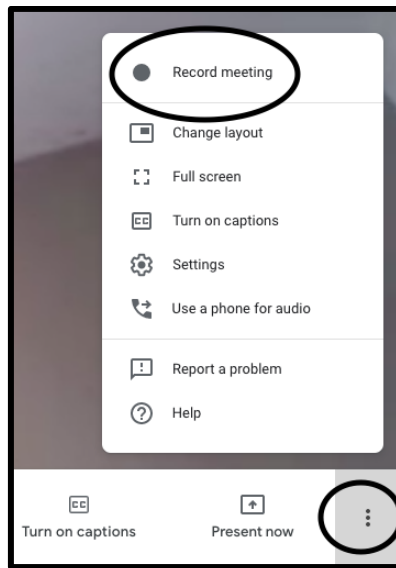
The screenshot shows the 'Test_Meeting' creation interface. At the top, there's a title bar with 'Test_Meeting' and a close button. Below it are tabs for 'Event' (selected), 'Out of office', 'Reminder', 'Task', and 'Appointment slots'. The date is set to 'Apr 16, 2020 - Apr 16, 2020' with an 'Add time' button. A section for 'Add guests' includes a 'See guest availability' button and a list of guests: 'abhishek@iiserb.ac.in' (Organizer), 'Shri Nath Dubey', and 'Vinay Bajpai'. There's a section for 'Add location' and a 'Join Hangouts Meet' link with the URL 'meet.google.com/gqh-mvvz-mhi' and a note 'Up to 250 participants'. Below this is a rich text editor with formatting options (bold, italic, underline, bulleted list, numbered list, link, unlink) and a placeholder 'Add description'. At the bottom, there's a calendar icon, a blue dot, and the name 'Abhishek Sahni'. On the right side, there are 'More options' and 'Save' buttons.

Step 4: Click on “Save” and “Send”. Event details will be shared with the guest over the email.

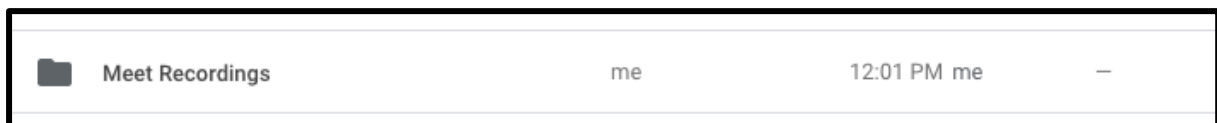




Record a meeting:

Step 1: Click on 3 dots, Then click on “**Record meeting**”.



Step 2: Once the meeting will end, You will find all the recordings in google drive folder i.e. “**Meet Recordings**”.



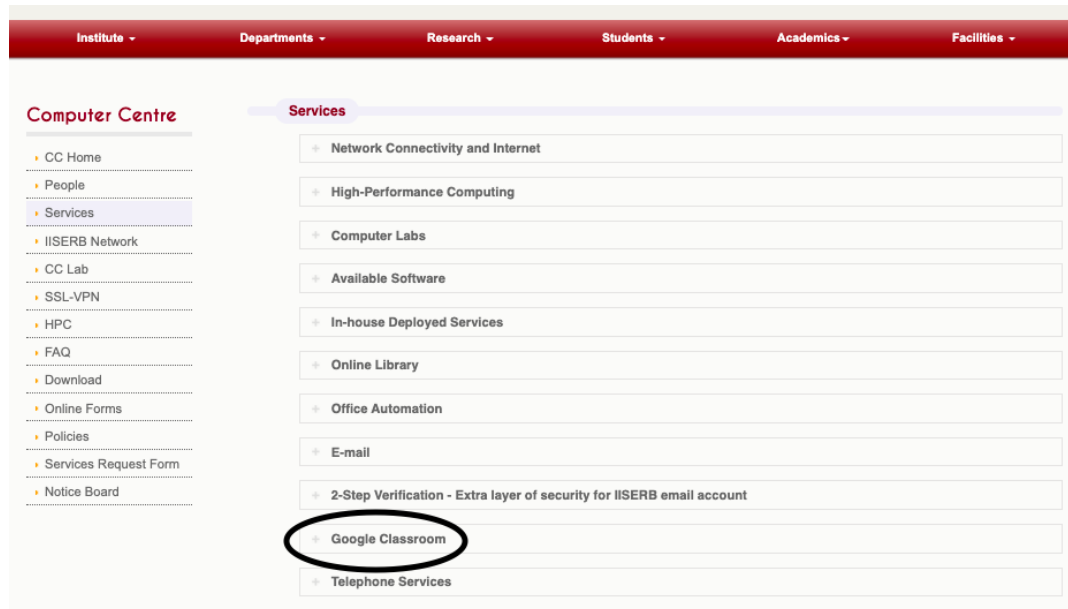
My Drive > Meet Recordings ▾			
Name ↓	Owner	Last modified	File size
 Test_Meeting (2020-04-15 at 23:25 GMT-7) 👤	me	12:01 PM me	1 MB
 kbx-miui-vri (2020-04-15 at 23:39 GMT-7)	me	12:17 PM me	11 MB

Note: Recorded meetings will take time to reflect in your drive.

Add-ons:

Google Classroom: Sharing of study material, assignments, document collaboration, and grading/assessment.

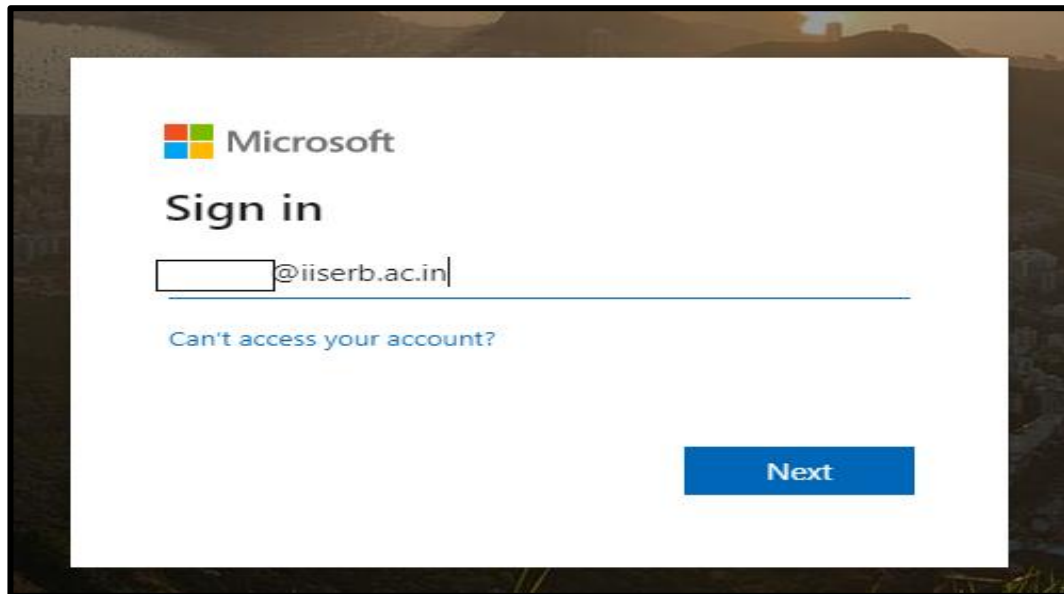
For more info: <https://www.iiserb.ac.in/cc/services>



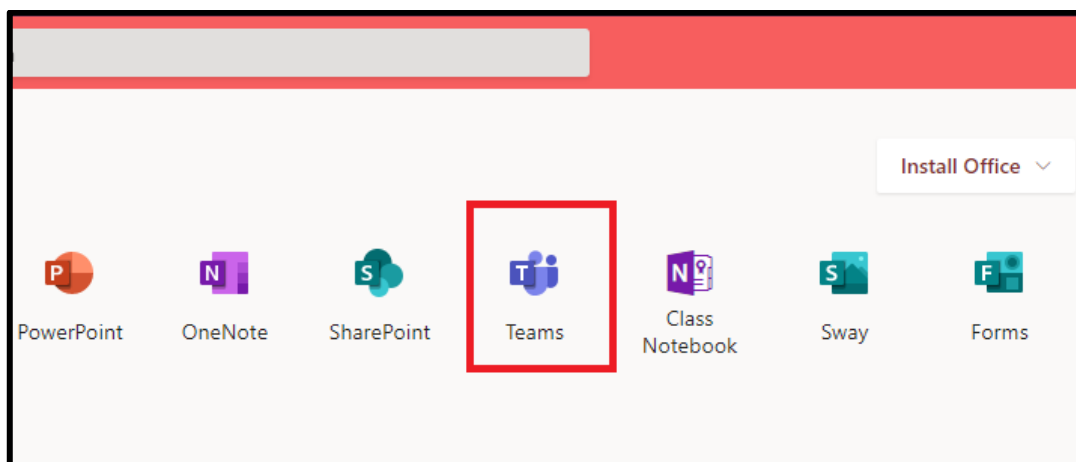
MICROSOFT TEAMS

CREATE CLASS IN MICROSOFT TEAMS AND ADD MEMBERS (STUDENTS):

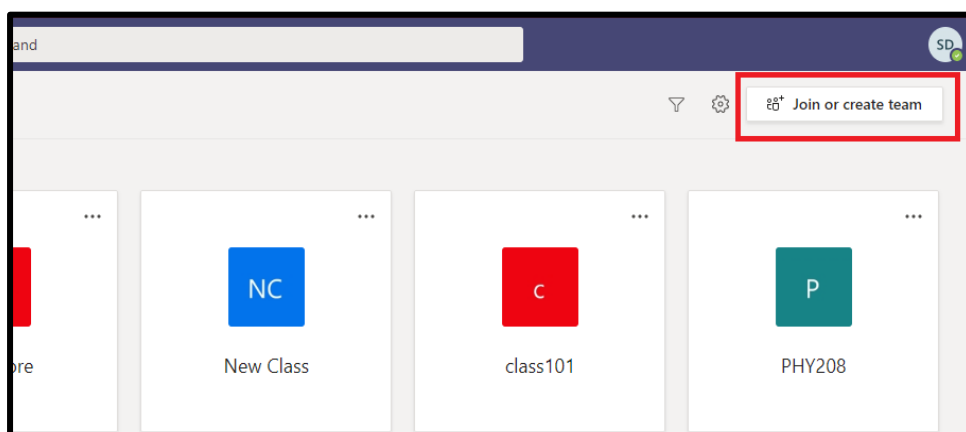
1. Open web browser
2. Go to the link www.office.com
3. Login with your **IISER Email ID** followed by **Microsoft ID password**.



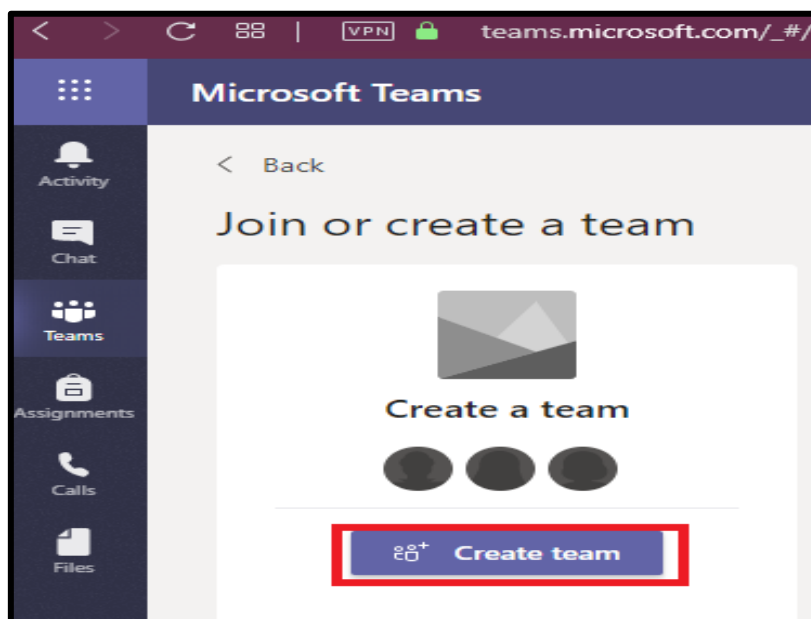
4. After login Click on "Teams"



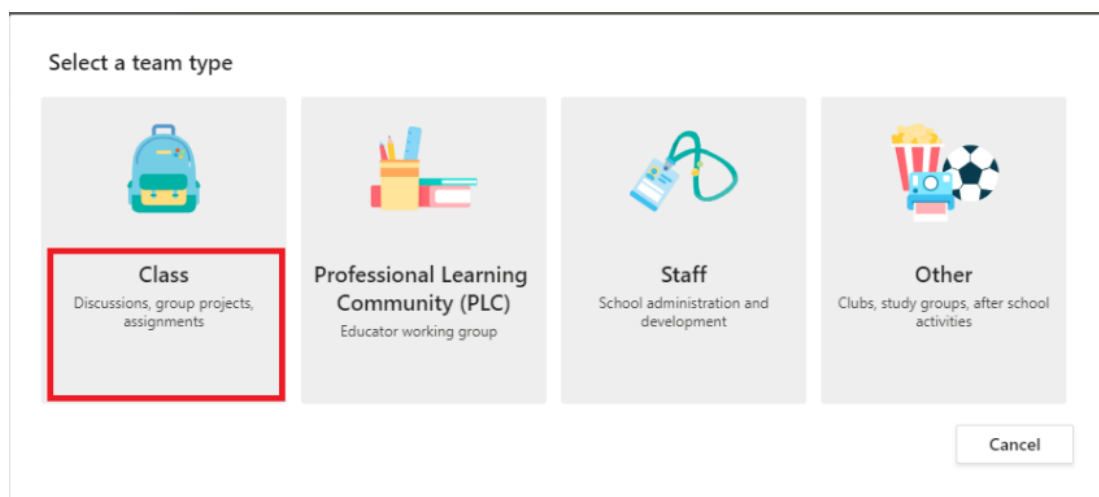
5. First click on "Teams" at the right panel then "Join or create team" on that option



6. Click on “Create Team”



7. Click on “Class”

8. Fill the class **Name** and **Description** and click “Next”.

Create your team

Teachers are owners of class teams and students participate as members. Each class team allows you to create assignments and quizzes, record student feedback, and give your students a private space for notes in Class Notebook.

Name

iiserb_101

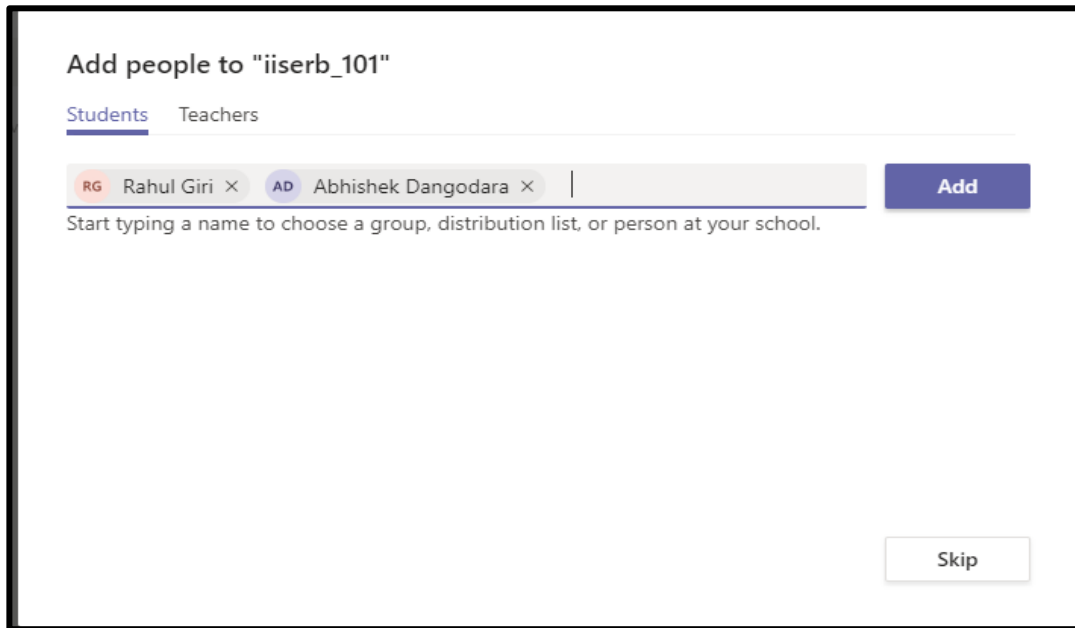
Description (optional)

Online Class for students

Create a team using an existing team as a template

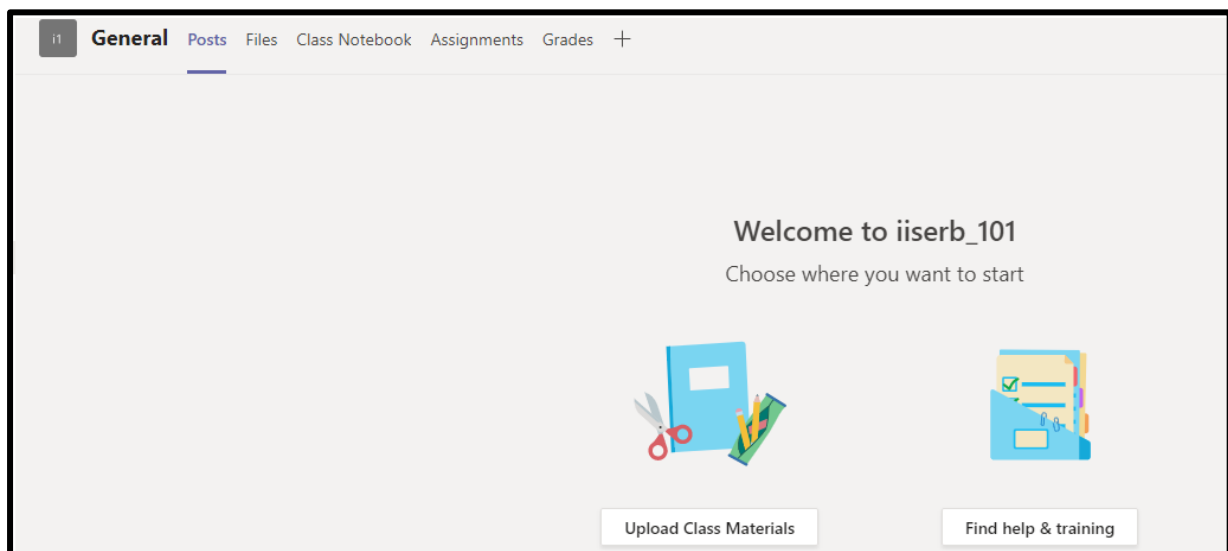
Cancel Next

9. **Add student** in the class by writing their **Email ID** and click **“ADD”**.



The screenshot shows a dialog box titled "Add people to 'iiserb_101'". It has two tabs: "Students" (selected) and "Teachers". Below the tabs is a search bar containing two entries: "RG Rahul Giri" and "AD Abhishek Dangodara", each with a close button (X). To the right of the search bar is a blue "Add" button. Below the search bar, there is a hint text: "Start typing a name to choose a group, distribution list, or person at your school." At the bottom right of the dialog is a "Skip" button.

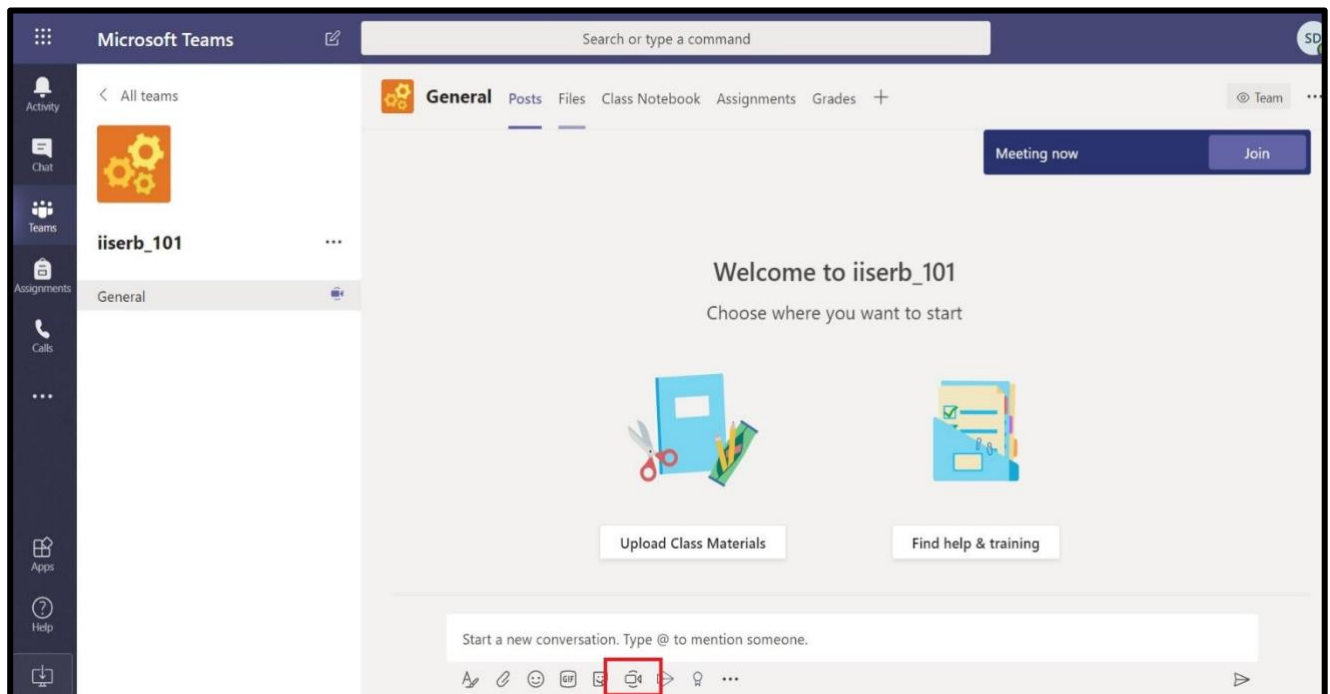
10. Then click **“Next/Close”** and your class is created.



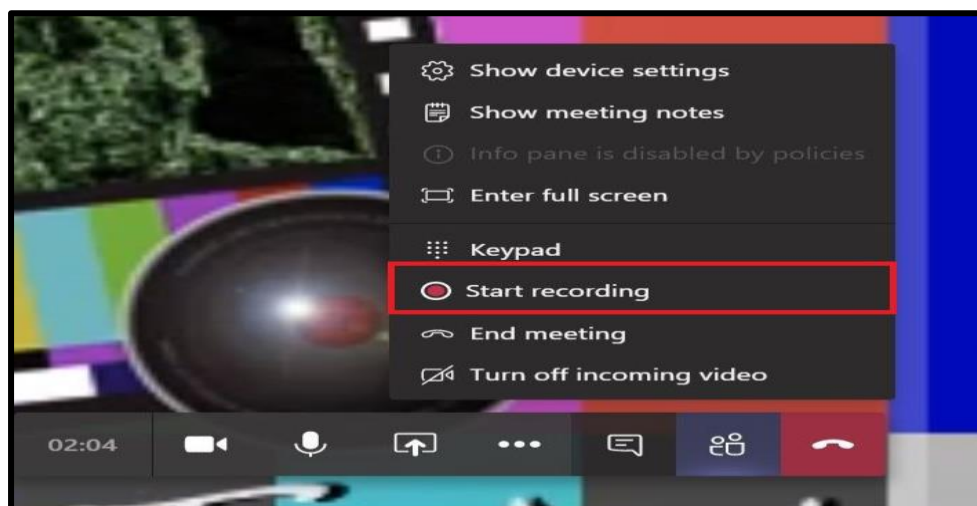
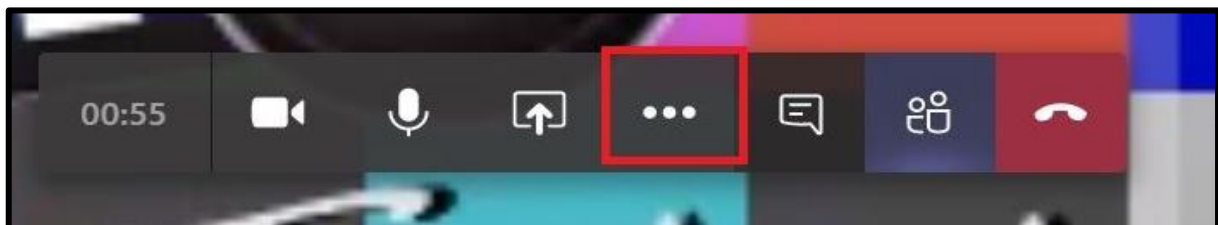
After Creating the Class, you can explore the different option available in that.

START A VIDEO CLASS IN MICROSOFT TEAM:

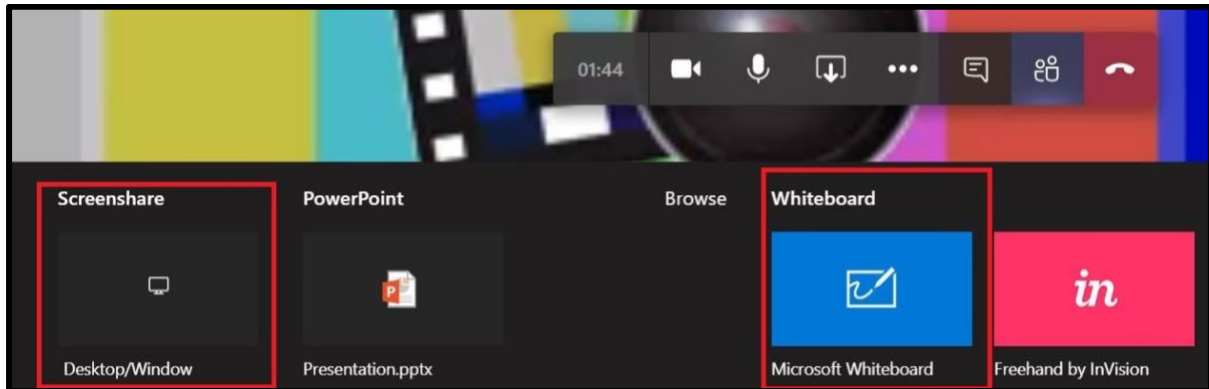
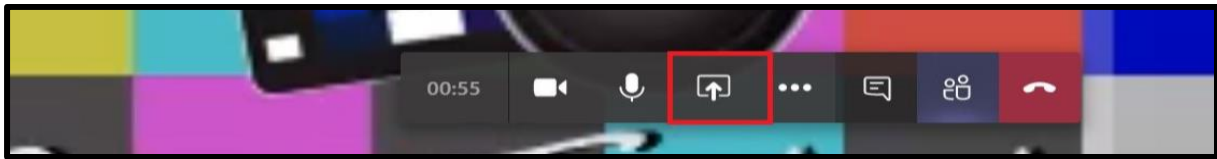
1. Please select the desired class and use the option **Upload Class Materials** for assignments and other files.
2. For **Join Meeting** or **Video Call/Chat**, click on the **camera icon** shown in red square



3. After Joining the Meeting, the meeting can be **recorded**, click on 3 dots. The recording will be shown the class group chat and student can access it any time they want

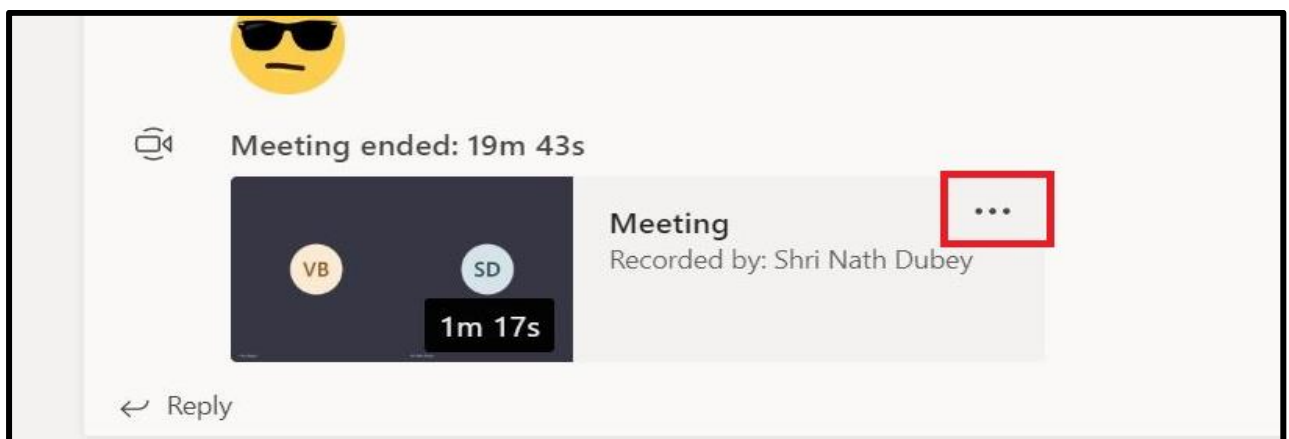


- To use **White board** and **Share Screen**, click on option shown below in image in red box (right of 3 dots) then navigate from there. After opening the option, you will be able to share your screen and open white board.

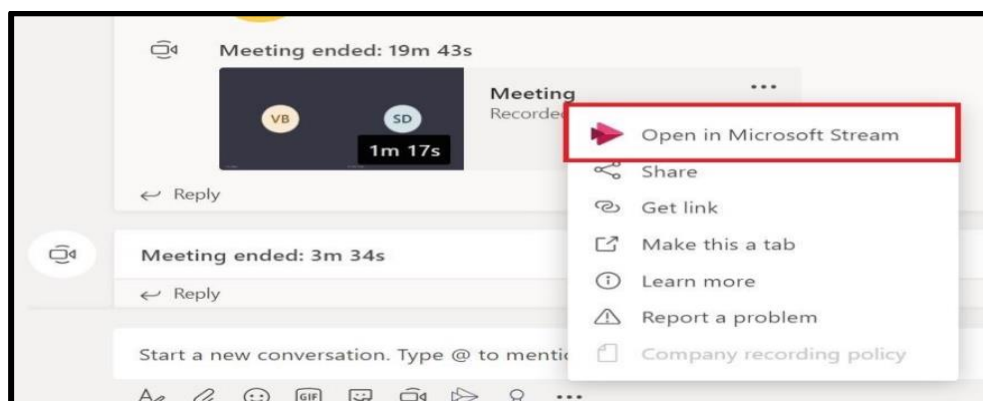


DOWNLOAD RECORDED CLASS VIDEO OR MEETING

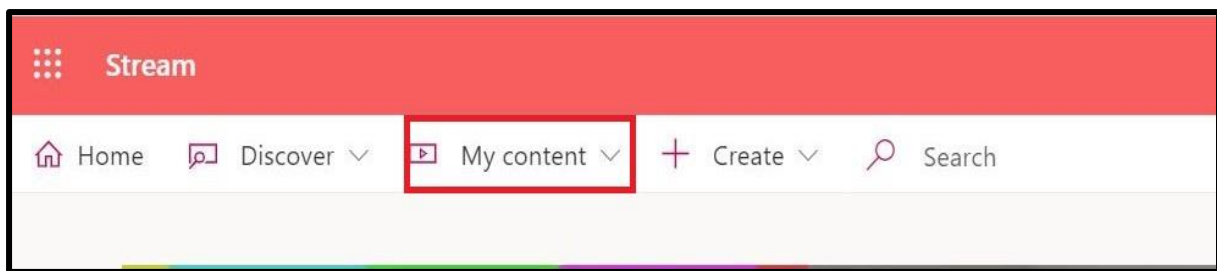
- Open the class **Chat History** option available on the top at the right panel, find the desired video and click on more options (3 dots on left side)



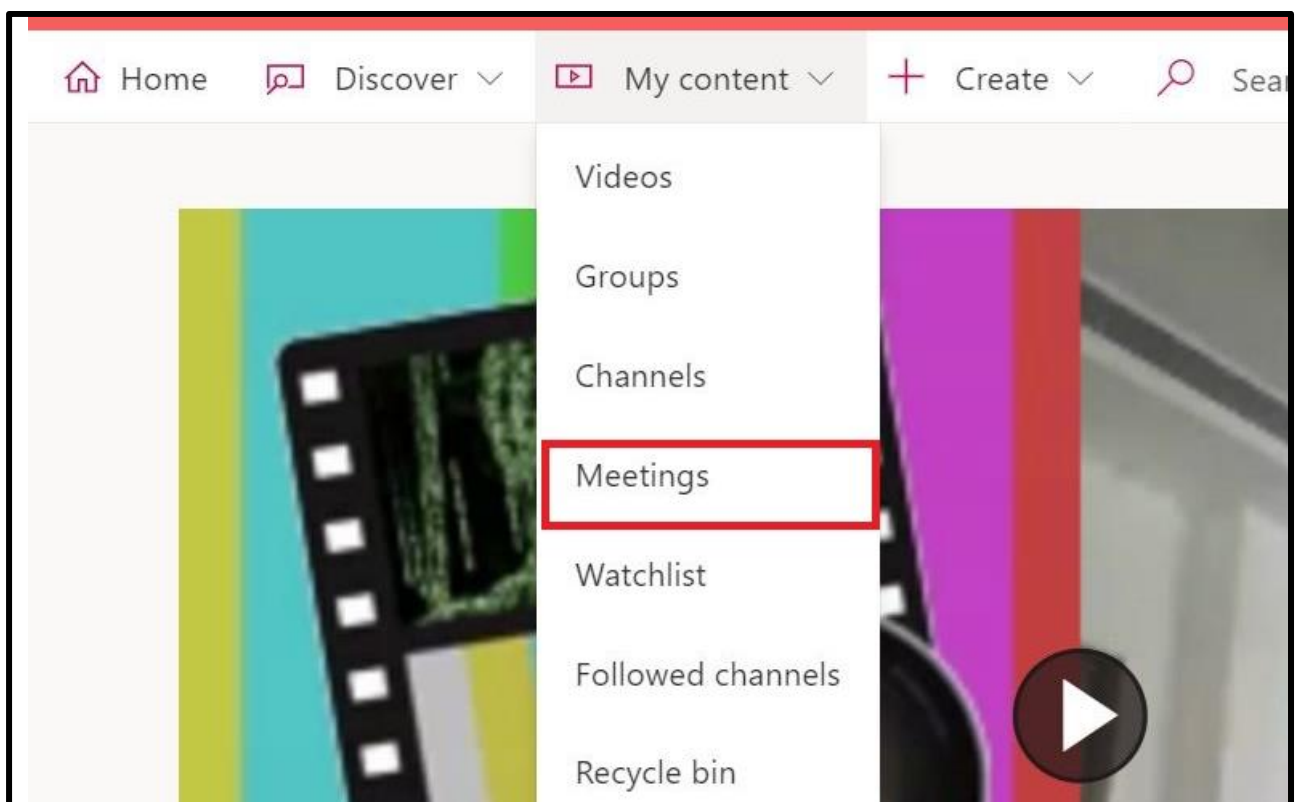
- Click on **“Open in Microsoft Stream”**.



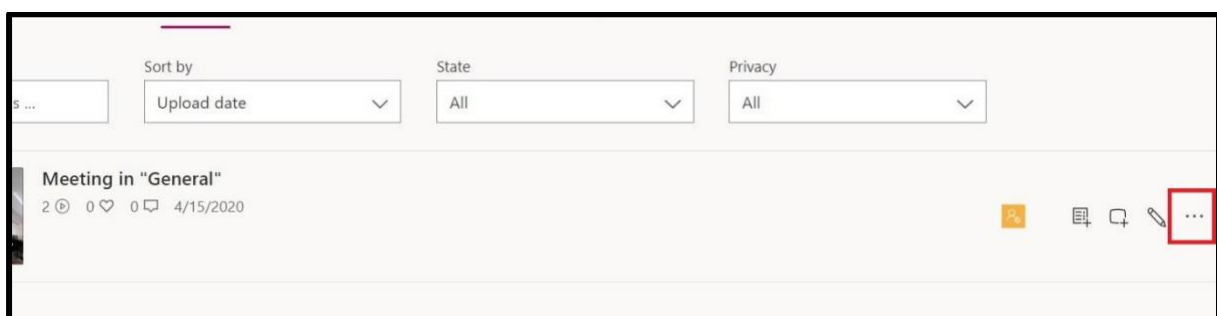
3. Click on **"My content"**.



4. Click on **"Meeting"** or **"Videos"**.

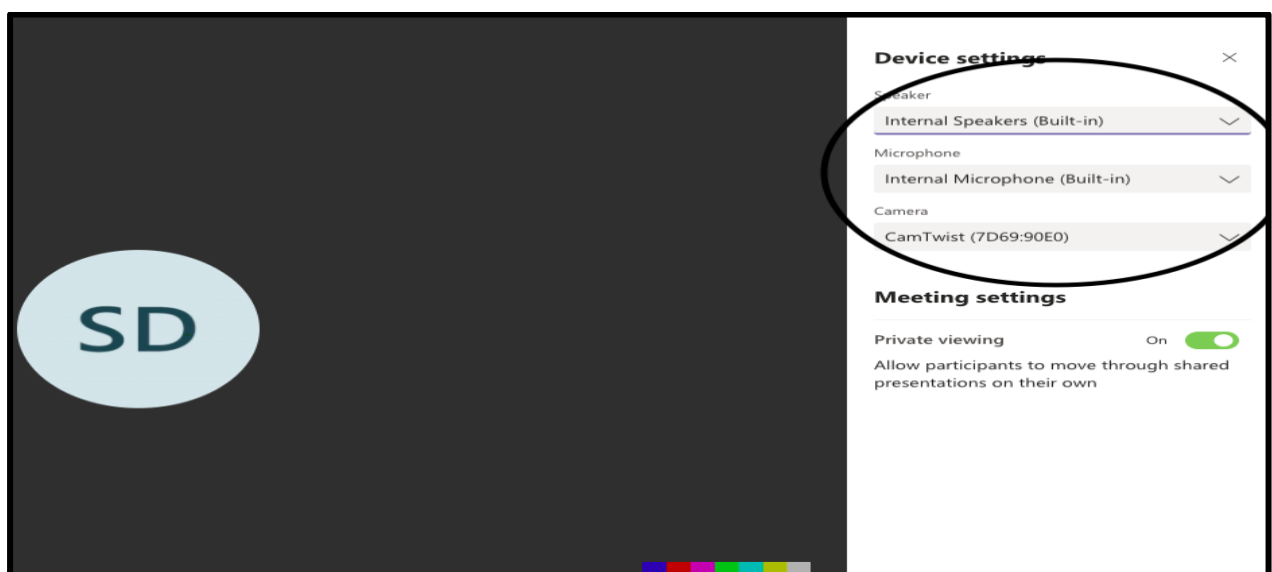
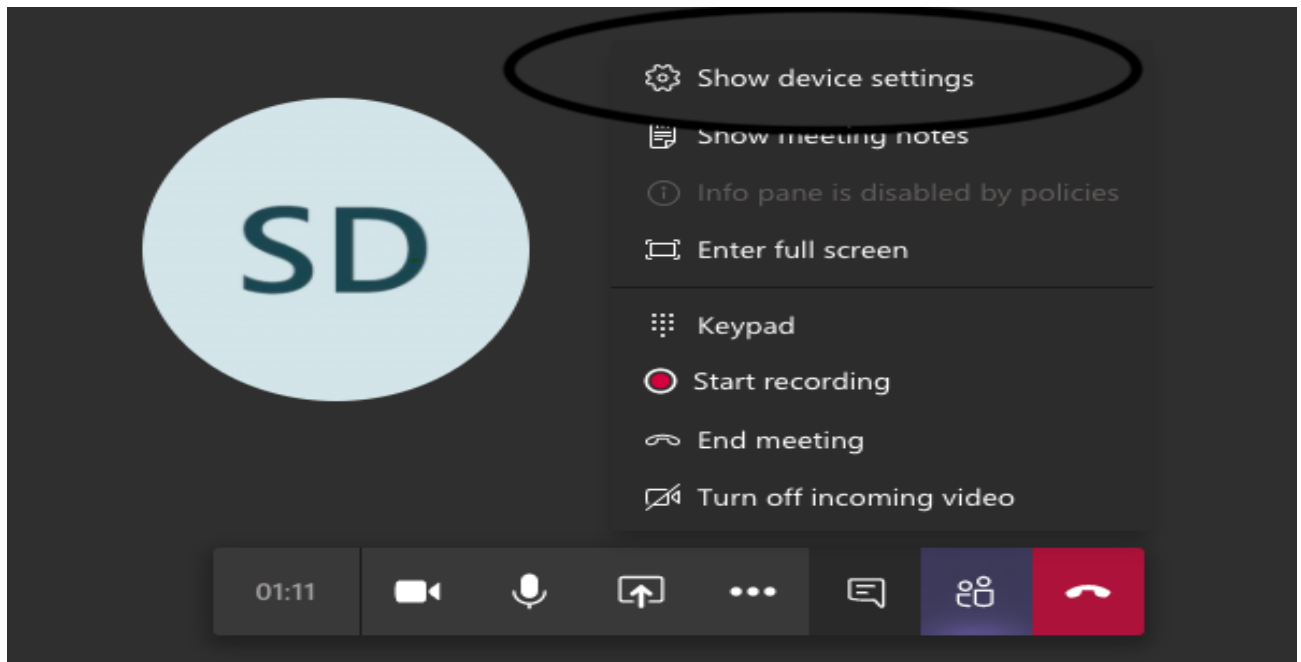


5. Click on more options (3 dots on right) available as a last option for the selected video and **"Download"** the video. You may upload the desired content for future use or at your Google Drive.



TROUBLESHOOT

- A. Audio and video device for teams:** After opening the classroom, if you have trouble in your audio or video you can set or select your audio or video device (shown in image below)



AN INTEGRATED PLATFORM FOR STRUCTURED ONLINE TEACHING BY CREATES:

1. A Live teaching environment where hundreds of students can join simultaneously on video broadcast.
2. Upload of teaching material in PDF documents.
3. Live Q&A via chatting.
4. A whiteboard for annotation etc.
5. Online content recording, assessment, and reading.

Note: For more details and operational help, please email at creates@iiserb.ac.in or call at +91 755 269 **2533**