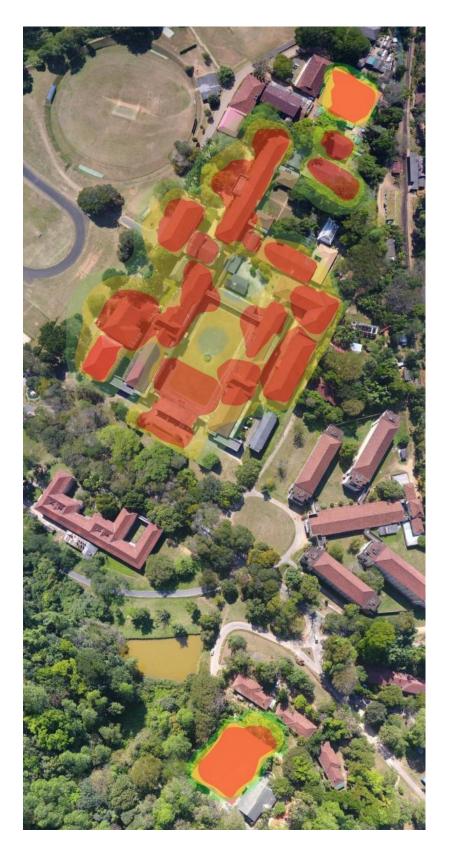
# Pera-WiFi-Sci Setup Guide

# Wi-Fi Coverage Map



#### Legend AP in Ground Floor O AP in First Floor AP in Second Floor AP in Third Floor Signal Strength Strong Fair Weak

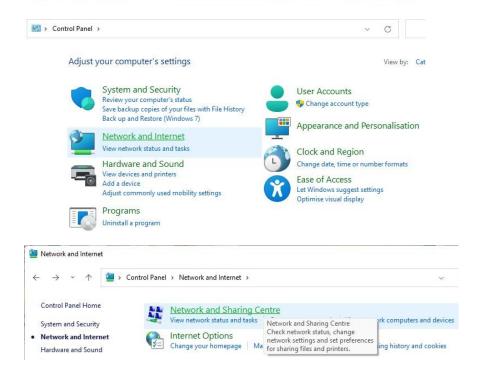
### Android and Linux

- 1. Select the correct SSID from the wifi settings.
- 2. Select the EAP method as TTLS (Tunneled TLS)
- 3. Enter your university mail without the domain. (without "@sci.pdn.ac.lk")
- 4. Enter your university mail password
- 5. Select don't validate CA certificate
- 6. Phase 2 authentication (Inner authentication) should be PAP

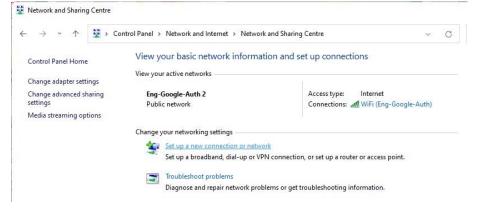
Pera-WiFi-Sci	Wi-Fi Network Autho	entication Required	(
AP method	Authentication req	uired by Wi-Fi netv	work
dentity	<ul> <li>Passwords or encryption</li> <li>Fi network "Sci-Google-A</li> </ul>		access the Wi-
kasunt	Wi-Fi security	WPA & WPA2 Enterp	rise ~
	Authentication	Tunneled TLS	~
assword	Anonymous identity		
unchanged)	Domain		
	CA certificate	(None)	~
CA certificate	CA certificate password		<u>N</u>
Don't validate		Show passwords	
No certificate specified. Your connection won't		No CA certificate is	required
pe private.	Inner authentication	PAP	~
Auto reconnect	Username	nuwanr	
	Password		Ŕ
		Show password	
Phase 2 authentication		Cancel	Connect
nonymous identity			

#### Windows

1. Go to the Control panel -> Network and Internet -> Network and Sharing Center



#### 2. Goto Set up a new connection or network



3. Select manually connect to a wireless network

hoose a connection option	
Connect to the Internet	
Set up a broadband or dial-up connection to the Internet.	
Set up a new network	
Set up a new router or access point.	
Manually connect to a wireless network	
Connect to a hidden network or create a new wireless profile	
Connect to a workplace	
Set up a dial-up or VPN connection to your workplace.	

- 4. Enter the Network name Pera-WiFi-Sci
- 5. Select Security type as WPA2-Enterprise and Next

Network name:	n for the wireless networ	,		
Security type:	WPA2-Enterprise	~		
Encryption type:	AES	~		
Security Key:			Hide characters	
Start this conne	ection automatically			
	f the network is not broadcastin a select this option, your compu	The second second	cy might be at risk.	

6. Go to Change connection settings

		34 <u>—</u>	×
4	Manually connect to a wireless network		
	Successfully added Pera-WiFi-Sci		
	→ Change connection settings Open the connection properties so that I can change the settings.		

7. Go to the Security tab and select the authentication method as EAP-TTLS

	reless Network Properti	es X
Connection Security		
Security type:	WPA2-Enterprise	~
Encryption type:	AES	~
	uthentication method:	
Microsoft: EAP-TTL	S V	Settings
Remember my cr	edentials for this connect	
	edentials for this connect	
Remember my cr	edentials for this connect	
Remember my a time I'm logged a	edentials for this connect	
Remember my a time I'm logged a	edentials for this connect	
Remember my a time I'm logged a	edentials for this connect	

- 8. Go to advanced settings
- 9. Tick Specify authentication mode
- 10. Select user authentication

<ul> <li>Delete credentials for all users</li> <li>Enable single sign on for this network</li> <li>Perform immediately before user log-on</li> <li>Perform immediately after user log-on</li> <li>Maximum delay (seconds): <ul> <li>10</li> <li>Allow additional dialogues to be displayed during single sign on</li> <li>This network uses separate virtual LANs for machine and user authentication</li> </ul> </li> </ul>	User authentication	~ [	Save cred	lentials
<ul> <li>Perform immediately before user log-on</li> <li>Perform immediately after user log-on</li> <li>Maximum delay (seconds): 10 (10)</li> <li>Allow additional dialogues to be displayed during single sign on</li> <li>This network uses separate virtual LANs for machine</li> </ul>	Delete credentials for all us	sers		
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Maximum delay (seconds): 10	O Perform immediately before	e user log-on		
<ul> <li>Allow additional dialogues to be displayed during single sign on</li> <li>This network uses separate virtual LANs for machine</li> </ul>				
sign on This network uses separate virtual LANs for machine	Maximum delay (seconds):		10	÷
		to be displaye	d during	single
		e virtual LANs	for mach	nîne

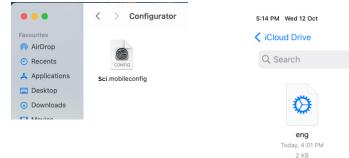
11. Goto save credentials

Windows Security	
Save credentials	
Saving your credentials allows yo network when you're not logged updates).	
nocncsu	
nocncsu	

- 12. Enter your university mail without the domain. (without "@sci.pdn.ac.lk")
- 13. Enter your university mail password
- 14. Ok and apply

# MacOS / iOS / ipadOS

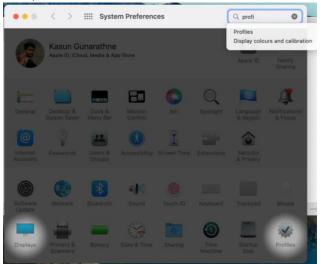
- 1. Download the .mobileconfig file for your apple device
- 2. Sometimes it will automatically detect the file. Go to step 5
- 3. Go to the saved location and double-click/tap the file



4. You will get a notification saying that the profile has been downloaded and review the profiles to install.



5. Goto settings and search for profiles (Goto VPN & Device Management on iPhone or iPad)

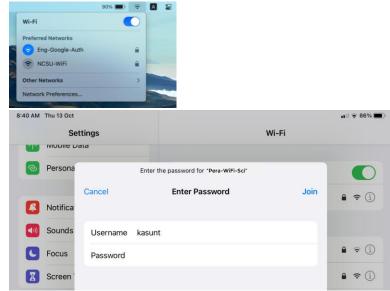


5:17 PM	Wed 12 Oct				<b>11   ?</b> 89% 🔳
Q Pr	o 8	Cancel	Ceneral	VPN & Device Manag	ement
(°†')	Mobile Data				
AV 8	/PN & Device Manage General → VPN & Device Mar		VPN VPN		Not Connected
	Pronunciations Accessibility → Spoken Conte	ent	Sign In to V	/ork or School Account	
	Programming accessibility → VoiceOver →	Activities	olgi in to t		
5 T	V Provider		DOWNLOADE		
Ø A	AdBlock Pro		Ø Pera	-WiFi-Sci	>

6. Install the config in the profiles

••• < > =	III Profiles	Q profi	
Downloaded  Untitled  1 setting	Untitled Unsigned	Ignore Install	6
	Received 12 Oct 20 Settings Wi-Fi Net Eng-Googl	work	Are you sure you want to inst profile "Untitled"? The author of this profile is unknow Make sure you trust the sender bef
	DETAILS Wi-Fi Network Description Wi-Fi		Installing.
	Network Eng-Goo Encryption WPA(WP) EAP Type EAP-TL: Auto Join True Proxy Type None	A2 Enterprise	Cancel

- 8. Now you will see the WiFi network in the settings. Click to connect.
- 9. Type your google credentials. (without domain "@sci.pdn.ac.lk")



10. Trust the certificate

Sounds		NETWORKS		
Focus	Cancel	Certificate	Trust	
Screen <sup>•</sup>				Notify
General		Server Certificate		wn networks are
Control		rusted 07-11, 10:34:04 AM		Ask to Join
A Display	More Details		>	sonal hotspots
Home S				

AM	Thu 13 Oct Settings	ull ≈ 86% i Wi-Fi	),
TY.		VVI-FI	
ව	Personal Hotspot	Wi-Fi	
9	Notifications	✓ Pera-WiFi-Sci 🔒 奈 🚺	
)))	Sounds	MY NETWORKS	
C	Focus	NCSU-WiFi 🔒 🤶 🚺	
I	Screen Time	OTHER NETWORKS	
		Eng-Student 🔒 🤶 🚺	
8	General	Pera-WiFi 🔒 🗢 🗓	
	Control Centre	TP-LINK_AP_2022	
AA	Display & Brightness	Other	
	Home Screen & Dock		
Ì	Accessibility	Ask to Join Networks Notify >	
\\$	Wallpaper	Known networks will be joined automatically. If no known networks are available, you will be notified of available networks.	
	Siri & Search	avaliable, you will be notified of available networks.	
/	Apple Pencil	Auto-Join Hotspot Ask to Join >	
ଲି	Touch ID & Passonde	Allow this device to automatically discover nearby personal hotspots when no Wi-Fi network is available	