



Mobile Technologies

Learning outcomes

- ▶ What is a mobile device?
- ▶ Mobile operating systems
- ▶ Android V's iOS



What is Mobile Technologies?

▶ Discuss



What is Mobile Technologies?

- ▶ Portable technology
- ▶ Performs a variety of tasks
- ▶ Gone from a two-way pager to
- ▶ Variety of transmission media
 - Radio wave
 - Microwave
 - Bluetooth
 - WiFi
- ▶ Discuss



Devices

- ▶ Name some mobile devices
 - Mobile phones
 - Tablets
 - Smart watches
 - Laptops
 - PDA (Personal Digital Assistants)
 - etc.....



Common Operating Systems

- ▶ Android
- ▶ Apple IOS
- ▶ Windows OS
- ▶ Others.....



Windows Phone

Android

- ▶ September 2008 first Android OS by the name of 'Astro'
- ▶ Desert named



Bender	Cupcake	Doughnut
Éclair	Froyo	Gingerbread
Honeycomb	Ice Cream Sandwich	Jellybean
KitKat	Lollipop	Marshmallow
Nougat		

Android

- ▶ Android gained immense popularity due to its
 - Beautiful appearance and
 - Efficient working
 - Millions of apps
 - Many manufactures



iOS



- ▶ iOS was introduced in 29th June 2007
- ▶ Many upgrades since
- ▶ Apple has still not allowed any other manufacturer to lay hands on its operating system.
- ▶ Unlike Android, Apple has more concentrated on the performance along with appearance.
- ▶ Similar basic appearance since 2007.
- ▶ Very user-friendly and is one of the mobile best operating systems in the world.

Windows OS

- ▶ Windows – used in computers all over the world
- ▶ Windows OS has also been used in mobile phones
- ▶ Nokia and Microsoft joined hands to work together
- ▶ Windows 7, With its colourful and user-friendly interface gave Windows OS a new life boosting demand
- ▶ Another reason behind its success is that this latest OS is used in very powerful devices made by Nokia. The computer like look has totally vanished from the windows phones with the release of Windows 7.



Windows Phone

Android vs iOS

Android Pros	iOs Pros
<ul style="list-style-type: none">• Open Source – ish• Availability of devices €50 – €700• Many device manufacturers• Open Source	<ul style="list-style-type: none">• App Store• Reliability• Media• Fan base• Simplicity



Android vs iOS

Android Cons	iOs Cons
<ul style="list-style-type: none">• Reliability• Fragmentaion• Different manufactures	<ul style="list-style-type: none">• Cost of devices• Locked down• Status Symbol



Android vs iOS

Discuss



Re-cap

- ▶ What is a mobile device?
- ▶ Mobile operating systems
- ▶ Android V's iOS

