Bluetooth connection practs:

Inquiry

-> If two bluetooth device know absolutely nothing about each other.

alon pr. p. same ?.

- -> inquiry try to discover the other.
- -> Farming of connection lelw two bluebooth device.
- -> lunrected (Different modes)
- Eluctooth unnected mode

Active mode

- -> Regular connected mode
- -> Sniff mode -
 - -> prices saving mide

Hold made

-> temporary power saving mode

Difference between [Bluetouth & BLE);				
Feature	Bluetooth clavic	Bluetookh law onergy	pank → de	
Number of chance Spreading	19 channels each of width 1917 Trequency Hopping special spechum (FHSS)	Hocharnels each ag width 2 mHz	there of yeap	
Rata link layer Protosot	TĐMA THE	toma, 24 lit cre, Acks	mode.	
Maximum no af device active Mara	& bit ckc	unlimited		

Zigbco communication

- -> zighe us a IEFE 802.15 4 based specificati
- High-level communication protocols.
- -) Used to treate. PAN
- -) toneumes los pacos
- -> love effective wincless technology
- wireless adhac network.

	Zigbce IEEE 800.15.4.
Nipplication	'control and monitor .
Frequency bards	2.4.61Hz , 868 MHz , 915MH
Burdwidth.	20-250 kbps
Range	1-75 and more.

apilporto ente.

SE THE REST REST -

paration of the desired from the

Zighoe device types Zighee Condinator (Ze) zighte Router (ZR) zigbee End device (ZED) Data And Treated to zigba loordinator -> lapable device -> Storici information about the network -> Trust centre i repository for security ziglace routon -> Running an application .: function I alt an immediate vouter -> pawing data on from other devices. zigboe end device -> lannot relay data from other device -> long battery life

- least amount of momory

-> To manufacture than a zpor zc.

WIFI Communication



1P based communication

-) Utilizes the IEEE 802.11 Atd

-> Range 66 feet from Ap

-> 2.461Hz WiFI upto 450 Mbps

-) 5 GHz WIFI upto 1300 Mbps

WIFI lommunitation

	WIFI LEFE 802.11
alpplication	Wiroless LAN
Frequency	2.4 Gillz
Battay life	D-1-5
Bardwidth	2-100Mbps