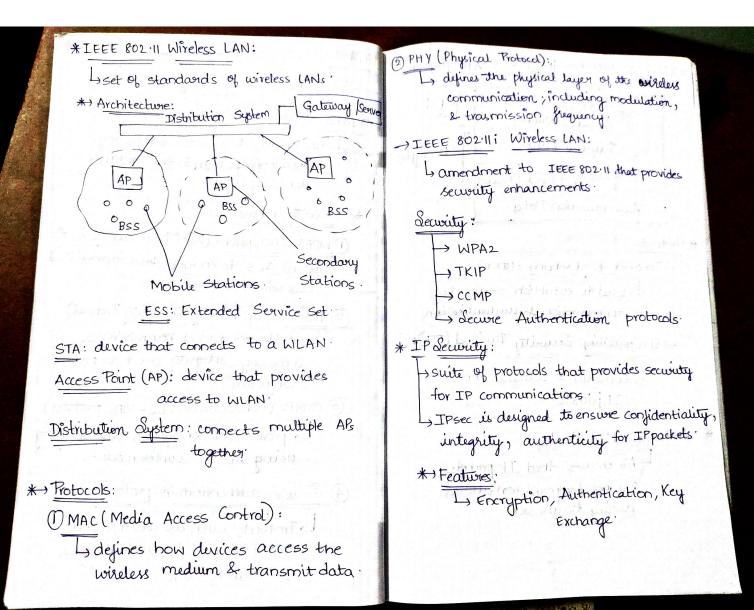
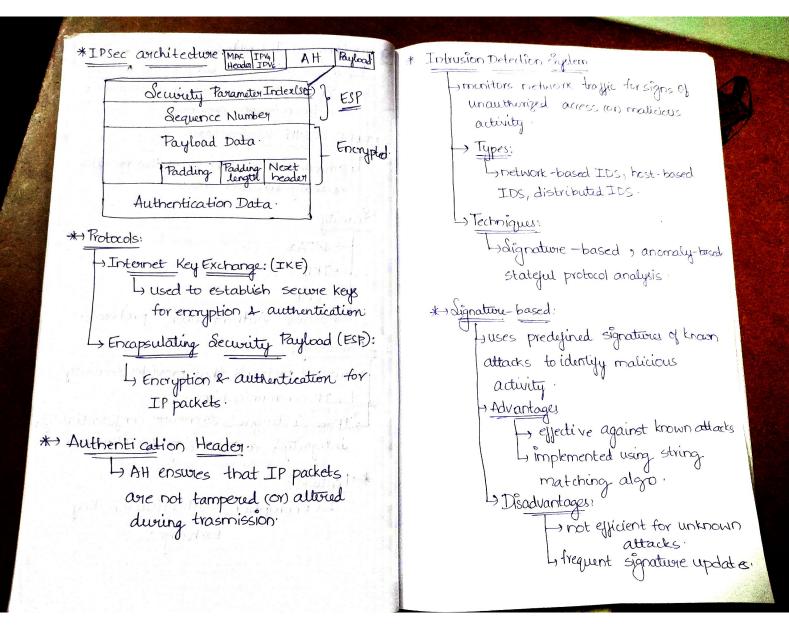
UNIT-5 Wireless Network Security: * Threats to wireless networks: Ly unauthorized access; tampering, eavedropping; man in the middle, denial of service. *> Security measures: 1) MPA2 Encryption: (WiFi Protected Access2) Louses AES to encrypt data transmitted over wireless network 2) TKIP: (Temporal Key Integrity Protocol) Lyprovides per packet key mixing & a message integrity check to prevent tampeing (3) CCMP: (Counter Mode CBC-MAC protocol) b) provides data encryption and integrity using AES in counter mode. (4) Secure authentication protocols: Li Protocols such as 802.1x and EAP-TLS provide authentication

2 authorization





and what and out out it * Anomaly-based: unusual patterns of activity that may indicate an attack. +) Advantages; - can detect unknown attacks. 4 does not require sign updates. L. Disadvantages: generate false tves to Lequires training data. *++ signorue Losed: read to writtenpie healthou coult attache to identify matricus restanub4 the fleetive against hour attents grithe fair partial particular 1 Tala part hour 2 The protocolon ALS