SNS COLLEGE OF ENGINEERING

Kurumbapalayam(Po), Coimbatore – 641 107

Accredited by NAAC-UGC with 'A' Grade

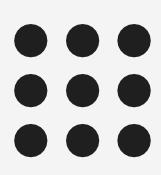**Approved by AICTE, Recognized by UGC & Affiliated to Anna University, Chennai**

Department of Information Technology

Course Name – Internet of Things & AI

III Year / V Semester

CONNECTIVITY TECHNOLOGIES AND COMMUNICATION PROTOCOLS

NFC protocols

Near Field Communication:

- While not an official ISO standard, NFC is based on ISO 14443 and adds some additional capabilities, such as the ability of a reader to emulate a tag.
- NFC will also incorporate ISO 15693 over time, so you will be able to use an NFC-enabled phone to enter a building.

   1) ISO 18000-6C: This ultrahigh-frequency (UHF) standard is based on the EPC Gen 3 air-interface protocol. Although there is an ISO 1800-6A and an ISO 1800-6B, it is ISO 18000-6C that is widely used for passive UHF systems.

   2) ISO 24730: This protocol governs the communication of active RFID transponders operating at 2.45 GHz, and is used in real-time location systems.