SNS COLLEGE OF ENGINEERING

Kurumbapalayam(Po), Coimbatore – 641 107

Accredited by NAAC-UGC with 'A' Grade

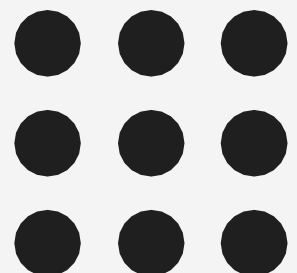**Approved by AICTE, Recognized by UGC & Affiliated to Anna University, Chennai**

Department of Information Technology

Course Name – Internet of Things & AI

III Year / V Semester

CONNECTIVITY TECHNOLOGIES AND COMMUNICATION PROTOCOLS

RFID Protocols &amp

- The protocols are called the air-interface protocols, and there are many "standards" for such protocols, depending on the type of RFID system used.
- Here are a few of the most common air-interface protocol standards ratified by the **International Organization for Standardization** (ISO):

    1) ISO 14443: This high-frequency (HF) standard is designed to have a short read range and include encryption, since it was created for proximity cards. What that means is that it was created for secure payments.

    2) ISO 15693: This HF standard was developed for vicinity cards. It has no encryption and a longer read range than ISO 14443-based systems. It is used in many access-control systems, but has also been employed for inventory management and other applications.

    3)ISO 18000-3: This HF standard, developed for item management, has never really caught on. Most companies simply use ISO 15693 for item management.