

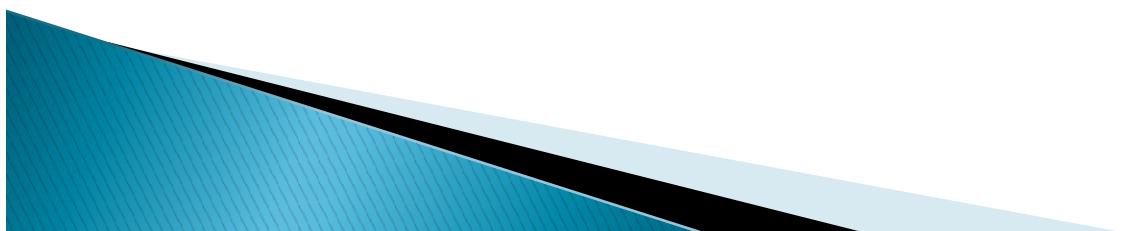
# ICT Applications in Library Services

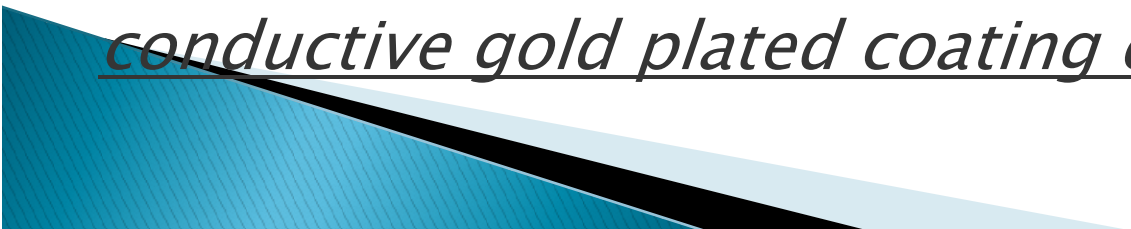
## Unit 4

### Smart Card–Types based on the connection to Smart Card Reader

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- ▶ *Types of Smart Card based on connection to the smart card reader*
  - ▶ *Contact smart card–*
  - ▶ *This type of smart card consists of electrical contacts which are used to connect to the card reader where the card is inserted.*
  - ▶ *The electrical contacts are deployed on a conductive gold plated coating on the card surface.*
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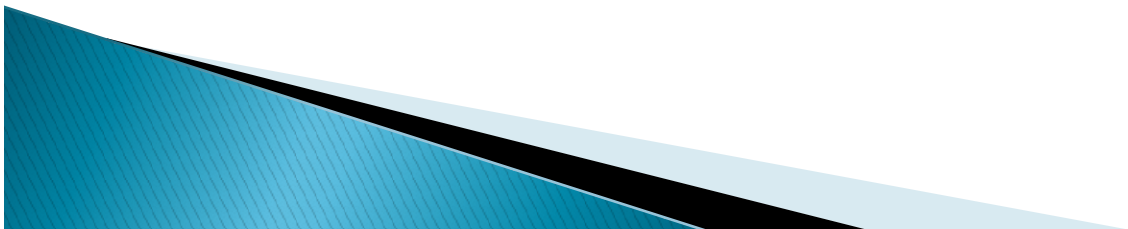
▶ Contactless Smart card–

- ▶ This type of smart card communicates with the reader without any physical contact.
- ▶ Rather it consists of an antenna with which it is used to communicate using radio frequency band with the antenna on the reader.
- ▶ It usually receives power from the reader via the magnetic signal.



- ▶ *Magnetic stripe card–*

- ▶ *It is a standard technology for bank cards, driver's licenses, library card and so on.*



*THANKS*

