

③1 Micro Atm Security :- These are point of sale devices that work with minimal power, connect to central banking servers through GPRS, thereby reducing the operational costs considerably. Micro Atm solution enables the unbanked rural people to easily access micro banking services in very effective manner.

Micro Atm will support following means of authentication for interoperable transactions :

- i) Aadhaar + Biometric
- ii) Aadhaar + OTP
- iii) Magnetic stripe card + Biometric
- iv) Magnetic stripe card + OTP
- v) Magnetic stripe card + Bank Pin

II E-Wallet Security & It is an electronic application that enables online e-commerce transactions like purchasing goods, paying utility bills, transferring money, booking flight etc, with a financial instrument using smart phones or computers. A plethora of these e-wallets are provided online for downloading through "apps" to support both point of sale transactions and peer to peer transactions between individuals. Being preloaded with currency by the user, they are designed to be convenient to them over the traditional wallets, by providing better manageability over their payments, accounts, receiving of offers, alerts from merchants, storing digital receipts and warranty.

information and being secure by requiring to access only through correct passphrase, password and such authentication information.

A number of companies, Banks, Telecoms firms, online e-commerce portal, taxi-services, supermarket chains etc provide e-wallet.

A number of personally identifiable information of the customer like his name, mobile phone number and his protected personal information like customer card number, secret PIN, etc is stored in e-wallets, requiring just final authorization from the user through means like biometric authentication, one time passwords etc. The payment process involves security mechanisms like certificate pinning and use of encryption.