Digital Payments

STEP BY STEP INSTRUCTIONS FOR VARIOUS MODES OF PAYMENT:

Cards, BHIM and UPI, e-Wallets, USSD, AEPS,
Bank Cards
Getting a Bank Card

1. HOW TO ISSUE A CARD FROM YOUR ACCOUNT
   - Approach nearest bank branch
   - Multiple cards from one account
   - PIN issued by bank separately

2. ACTIVATE YOUR CARD
   - At your Bank’s ATM by even balance checking
   - At your bank branch by any transaction
Point of Sale (PoS) & Card steps

BANKS ISSUE VARIOUS CARDS FOR THEIR ACCOUNT HOLDERS

- Prepaid Cards
- Debit cards
- Credit Cards

USE YOUR CARD TO SHOP ANYWHERE

- At any PoS
- At ATM
- Online shopping

PREPAID CARD CAN BE ISSUED BY ANY BANK FROM ACCOUNT OR CASH (FOLLOWING BENEFITS)

- Pre-loaded card
- Equivalent to cash
- Can be recharged several times
- Can be used at any PoS, ATM
BHIM (UPI)
Bharat Interface for Money (BHIM)

1. WHAT IS BHIM?
   - National system for a/c to a/c transfers
   - One app for all users from all banks
   - Instant registration and transaction

2. FEATURES OF BHIM
   - Much more than e-wallets; money does not stop earning interest
   - Direct transactions from and to your bank account
   - Faster and cheaper than NEFT, RTGS
Requirements for registration on BHIM

**REQUIREMENTS**

- Smartphone with internet facility
- Bank Account details (only for registration)
- Phone number should be registered with your bank

**AVAILABILITY**

- BHIM app available on Google Play Store; expected on Apple phones shortly
- 35 banks on BHIM; more coming soon
Registering on BHIM

Choose Language

Choose SIM registered with bank

Select the bank and enter details

Homepage after successful registration
Security Features of BHIM

- Verification with mobile number and phone handset
- Password for opening BHIM app
- UPI PIN for making transactions

Your Bank
Sending Money on UPI

Select option “Send” on BHIM app homepage

Enter mobile number of payment address of payee

Enter your UPI PIN

Message displayed after successful transaction
Scan and Pay on BHIM

- Select “Scan and Pay”
- Application opens a QR scanner
- Scan the QR code of payee
- Details of payee displayed on screen
- Enter the UPI PIN, transaction can be completed
Unstructured Supplementary Service Data (USSD) based Mobile Banking

*99# - National Unified USSD Platform (NUUP) integrated with UPI
Required for Activation

1. ACCOUNT IN A BANK
2. ANY MOBILE PHONE ON GSM NETWORK; NO INTERNET NEEDED

Can be used for payments upto Rs 5000 per day per customer
Registration

Process
- Dial *99# from bank registered number
- Select account
- Now account registered for USSD
Setting up UPI PIN

Process

– Dial *99*7*1# from bank registered number
– Enter debit card details
– Enter new UPI PIN
– PIN set
Send Money to Mobile/Aadhaar/ Payment Address

Registered user is taken to the main menu on dialing *99#

1. User Selects 1 to pay to New contact.
2. Chooses to pay to a mobile number
3. Enters the mobile number to pay
4. Enters the amount to be paid. Name of the mobile number holder is verified and displayed
5. Enters UPI PIN
6. Payment Successful Displays “Your contact has been saved successfully” on 1
Aadhar enabled payment system (AEPS)
Aadhaar Enabled Payment System (AEPS)

AEPS allows bank-to-bank transaction at PoS (MicroATM) with the help of Banking Correspondent

Seed your account with your Aadhaar number

Now do transactions without remembering any PIN

Aadhar enabled Services
- Balance Enquiry
- Cash Withdrawal
- Cash Deposit
- Aadhaar to Aadhaar Funds Transfer
Key Steps for AEPS Transaction

1. Go to a MicroATM or Banking Correspondent
2. Provide your bank name and Aadhaar
3. Choose which transaction to do
4. Provide fingerprint on scanner
5. On successful transaction, take the print slip
6. Process completed
MicroATM Transaction
Wallets
What are e-wallets?

Electronic pre-paid payment system, mobile-first

Used in purchasing items on-line with a computer or a smartphone at a store.

An individual's account is required to be linked to the digital wallet to load money in it.

Most banks have their e-wallets and some private companies
Using Wallets

Consumer Wallet Limits: Rs.20,000/month for all. Rs.1 lakh/month with KYC

Basic Requirements to Start Using a Wallet: Bank Account, Smartphone, 2G/3G Connection & A Free Wallet App
Point of Sale
(PoS)
Types of PoS

**PHYSICAL POS**
Physical Card Swiping – PTSN with landline / GPRS enabled

**MPOS**
Phone connected with external POS device through jack / Bluetooth

**V-POS**
Virtual E-payment Gateway
Physical PoS

1. SWIPE A DEBIT/CREDIT CARD ON THE POS MACHINE
2. ENTER AMOUNT TO BE PAID AND PIN
3. GENERATE RECEIPT
Installation of Physical PoS Terminal

1. Open / identify current account for transactions

2. Fill in the application form (online / at the branch)

3. Identify type of PoS required (landline / GPRS)

4. Submit following documents:
   - Proof of business (any one)
     - Shop & establishment registration certificate
     - VAT certificate
     - Sales tax
   - Proof of address
   - Photo identity proof of proprietor / partner
   - Financial details
     - Bank statement
     - Income tax return

5. Acceptance of MDR by merchant

6. Execution of Merchant Establishment Agreement
Mobile PoS

Note: mSwipe is used as an example of MPOS here
V-PoS

No PoS machine required

QR code used for payment to bank account of merchant

Complete privacy of merchant bank account
Must Do Practices

Register your mobile number at bank for regular information by SMS for every transaction

Never share your PIN to anyone

Transact at only trusted merchants

While at ATM, ensure no one is looking over your shoulders
Summary

- **Bank Account**
  - YES
    - Smartphone
      - UPI
    - Non-Smartphone
      - USSD
    - Aadhaar Seeded Acc.
    - AEPS
    - Debit Card
    - POS transaction
  - NO
    - Prepaid Bank card
    - POS transaction