
An Analytical Study of UPI Credit and Digital Rupee (e-₹) and Their Impact on the Future of Indian Banking

Mahendra H. Paunikar

Assistant Professor, Department of Commerce,

BhiwapurMahavidyalaya, Bhiwapur

Mobile No. 7743820319

Email ID : mahendrapaunikar@gmail.com

Abstract:

In today's digital age, the Indian banking system has changed very fast. New systems like UPI Credit and Digital Rupee (e-₹) are making banking quicker, easier, and safer. These innovations are also changing how people use money in their daily lives. Transactions happen instantly, loans are available quickly, and India is moving towards a cashless economy.

This paper explains how UPI Credit and Digital Rupee developed over time and how banking moved from manual work to a fully digital system. It also studies the future of Indian banking, focusing on technology, financial inclusion, and customer comfort.

The study also explains how these changes affect consumer behaviour. People now trust digital payments more, prefer online payments instead of cash, and are using new financial tools faster than before.

This research helps policymakers, banks, and businesses understand how India's banking system is changing and what it means for the future.

Keywords:

UPI Credit, Digital Rupee, Digital Banking, Cashless Economy, Consumer Behaviour, RBI, Financial Inclusion

1. Introduction:

The Indian banking system has improved continuously with technology. Earlier, banking was mostly manual and cash-based. Customers had to visit banks for deposits, withdrawals, or loans. The process was slow and limited to bank working hours.

Now, digital banking has completely changed this system. UPI Credit and Digital Rupee (e-₹) have made banking faster, easier, and available to more people. This paper explains their history, present development, future possibilities, and impact on customers.

2. History of UPI Credit and Digital Rupee:

Banking did not become digital overnight. It developed slowly over many years:

Manual Banking (1980s–1990s):

Banking was fully cash-based. All work was done manually. Customers had to visit branches, and processes were slow.

Technology Introduction:

ATMs and Core Banking Systems were introduced. This reduced manual work and improved record keeping.

Internet Banking (2000s):

People could transfer money and pay bills online. This was the beginning of digital banking.

Mobile Banking & UPI (2010s):

With smartphones, banking became easier. The launch of UPI in 2016 changed digital payments completely.

UPI Credit (Recent Development):

UPI Credit allows people to get instant loans through mobile apps. It is much faster than traditional loan processes.

Digital Rupee (e-₹):

The Reserve Bank of India introduced the Digital Rupee as India's official digital currency. It allows safe and transparent digital transactions.

3. Future of Indian Banking:

Indian banking is moving towards a fully digital system.

Main Trends:

Fully Digital Banking: Less need to visit bank branches. Services are available 24×7.

Advanced Technology: AI and blockchain make banking safer and smarter.

Financial Inclusion: Rural and poor people can easily access banking services.

Cashless Economy: UPI Credit and Digital Rupee reduce the use of cash.

Future Outlook:

Banking will become more transparent, efficient, and customer-friendly. It will support India's dream of a strong digital economy.

4. Traditional Banking vs Modern Digital Banking:

1. Transaction Speed

Traditional: Slow, required branch visits, long queues, cheque clearing took days.

Modern: Instant transfers through UPI and Digital Rupee, anytime and anywhere.

2. Use of Cash

Traditional: Mostly cash-based. Risk of theft and errors.

Modern: Mostly digital payments using apps and QR codes.

3. Credit Access

Traditional: Loan approval took days or weeks with paperwork.

Modern: UPI Credit provides instant loans through mobile apps.

4. Paperwork

Traditional: Lots of forms and manual entries.

Modern: Mostly paperless and digital records.

5. Service Hours

Traditional: Fixed working hours.

Modern: 24×7 digital services.

6. Customer Convenience

Traditional: Many branch visits needed.

Modern: Everything available on mobile apps.

7. Financial Inclusion

Traditional: Limited access in rural areas.

Modern: Easy banking access for rural and underbanked people.

5. Types of UPI Credit and Digital Rupee Transactions (Simple Version)

1. Person-to-Person (P2P)

Sending money to friends or family using apps like Google Pay or PhonePe.

2. Person-to-Merchant (P2M)

Paying shops or online stores by scanning QR codes.

3. Instant Loans (UPI Credit)

Getting small loans instantly through mobile apps.

4. Bill Payments

Paying electricity, water, mobile bills, or subscriptions digitally.

5. Business Transactions

Businesses sending and receiving payments digitally.

6. Government Payments

Subsidies and pensions transferred directly to bank accounts (DBT).

7. Cross-Border Payments (Future)

In the future, Digital Rupee may help in international trade payments.

6. Impact on Consumer Behaviour (Simple Version)

UPI Credit and Digital Rupee are changing how people use money:

People prefer instant digital payments.

Trust in online banking has increased.

Customers are using digital wallets and instant credit more often.

People track spending and manage money better.

Rural people now have better access to banking services.

7. **Conclusion:**

UPI Credit and Digital Rupee are very important steps in the development of Indian banking. They have made banking faster, easier, and more inclusive.

People are now comfortable using digital payments and prefer cashless transactions.

In the future, Indian banking will become fully digital, transparent, and customer-friendly, helping India move towards a strong cashless economy.

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