

# The Conceptual Study of Paperless Banking, Green Banking and Online Banking

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**Abstract**— Indian Banking system has been developed in different phases. From the evolution to this current scenario banking system attained various changes in the system. In the present era banking is undergoing the technological innovations. Online banking occupied overall the India as well as the world. Regarding to this technological innovation in the banking system different concepts has been arisen. Like Online banking, Mobile banking, Green banking, paperless banking, Digital banking etc. sometime these concept use as a optional to each other, but there are a lot of different between these concepts therefore the research paper is going to distinct between these concepts to make the perfect clarity in different concept. The research paper is based on various concepts of banking and depends upon the various secondary sources. The researcher want make conceptual study and make clear vision toward the different concept used in banking system of innovation.

**Keywords:** Green Banking and Online Banking, Paperless Banking

## I. INTRODUCTION

The Indian Banking is the most developed sector and frequently accepts changes as per the global changes and technological changes. Therefore there are new concepts are emerged in the banking sector that is online banking, digital banking, green banking and paperless banking. These types of banking are based on technological changes in other words these concepts are come in from the computerized and networking system. Sometimes these concepts uses similarly to each other but when we see the exact meaning and its feature as well as its impact on certain things then it is different from each other. The banking systems adapted some technological changes in the performance of its system and work some process changes from traditional to digital using computerized and networking therefore it looks like same concepts.

The concepts are based on its feature, impact on certain things and origin sources or object behind it. The online banking come to make easily availability of banking tools and product anytime anywhere whereas green banking is a need to make banking system environmental friendly

## A. Objectives of the study:

- 1) To know the concept of Digital Banking, Online Banking, Green banks and Paperless banking.
- 2) To study the difference between online banking, Green Banking and paperless banking.
- 3) To know the similarity of these concepts.
- 4) To frame the distance between these concepts.

## II. RESEARCH METHODOLOGY

The Research paper is conceptual study and based on secondary data only.

### A. Online Banking:

Online banking also called as digital banking, Internet banking and electronic banking. Digital banking is the digitization (or moving online) of all the traditional banking activities and programs services that were historically were only available to customers when physically inside of a bank branch. This includes activities like

### B. Green Banking:

Green banking means combining operational improvements, technology and changing client habits in banking business. (Mr. Nigamananda Biswas 2011), social and environmental factors for protection of environment (Dipika), Green banking is environmental friendly banking and its reduces carbon foot prints from the banking operations. Less use of resources and optimum use of available resources for banking activity it is called green banking, Green Banking ensure the greening of the industries but it will also facilitate in improving the asset quality of the banks in future

### C. Paperless Banking:

Paperless Banking system mainly focuses on the reduction of paperwork while performing the banking transaction or financial activities. Paperless banking system uses plastic card to make payment, withdrawal and also at the workplace of the bank.

## III. DIFFERENCE BETWEEN ONLINE BANKING, GREEN BANKING, PAPERLESS BANKING

Base	Online Banking	Green Banking	Paperless banking
Meaning	is an electronic payment system that enables customers of a bank or other financial institution to conduct a range of financial transactions through the financial institution's website.	Green banking system uses optimum resources to make environment friendly	Paperless Banking system mainly focuses on the reduction of paperwork while performing the banking transaction or financial activities.
Scope	Online banking can be a part of Green banking because of for making environment friendly	Green banking has a large scope which can be include Online banking as well as	Paperless banking has a wide scope than online banking system because of paperless banking uses paperless

	baking online banking system use their tools like embanking, Mobile banking networking	paperless banking	system in bank office and paperless tools for customer of banks it includes online banking, mobile banking and other tools also which replaces paperwork of financial task.
Tools of banking	The Online banking system use Internet , Computer Networking and various Network to perform its transaction between bank to bank, customer to bank and customer to customer.	Green banking it is initiative taken by bank as well as government reduce the carbon foot print and environmental imbalance for this green banking uses various paperless tool , network and also frames policy about to conduct banking transaction eco friendly.	Paperless banking uses tools like smart cards, Mobile banking, Networking, Computerized banking system, ATM, and other Digital tools
Motive	The online banking motto is to make easy banking and easily available to all.	The main objective of the green banking is to provide eco-friendly tools and system to all customers for environment healthy.	the object of Paperless banking is to reduce too much paperwork in the bank office as well as to customer.
Advantages	Easy available for all	Can make optimum use of scare resources and eco friendly.	Environment friendly as well as reduce lengthy process using paper, make effective for all.
Disadvantages	Online banking faces IT frauds, Network problems, ineffective in Rural areas, and not easy process for all.	Green banking uses some tools like Debit credit cad, electronic systems it also cab harmful to environment. Also not effectively implement in India.	Destroy of networking and computer hacking can be dangerous to paperless system due to lack of any proof.
Inter-related	Online banking green banking and paperless banking are interrelated it cannot be directly make distinguish each other	Green Banking is related to paperless banking and online banking, to make eco friendly banking green banking have to use these tools.	Paperless banking is a part of green banking because of it can be useful to make environment healthy.
Paradox	Sometimes these three concepts look like same but its objectives and Method are different from each other	Sometimes these three concepts look like same but its objectives and Method are different from each other	Sometimes these three concepts look like same but its objectives and Method are different from each other

#### IV. SIMILARITY OF ONLINE BANKING, GREEN BANKING AND PAPERLESS BANKING

##### A. Tools:

Online banking, Green banking and paperless Banking uses same tools for the banking. ATM Machines, Smart Card, Networking for performing banking task from anytime, anywhere, Computer system, Mobile device, etc.

##### B. Interrelated:

Green banking is depended as well as related to the online banking and paperless banking because of green banking perform its task using online banking and other banking systems. In other hand green banking uses paperless banking for reduction for paper work it helps to save trees to cutting by reducing demand of paper in banking. Online banking also helps to reduce paperwork using networking and providing online banking system to customer.

##### C. Impact and Result:

The observation say that Paperless banking and online banking, Digital banking and other digital tools are used to

make eco-friendly banking system therefore green banking is the result or future of the online banking and paperless banking.

##### D. Networking:

All banking are depends on computer networking and without it online banking green banking and the paperless banking can't work.

#### V. CONCLUSION

There is No clear-cut line among the paperless banking, green Banking and Online or Digital banking but these concepts are different from each other and interrelated. Basic infrastructure is similar to each concept but its motive and feature are different from each other. Green banking it is a result of paperless banking other digital banking tools while Online banking as well as Paperless and Mobile banking are tool of green banking. Green banking consist all banking system which is environmental friendly while online banking is just a way to implement it.

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