

## **CUSTOMER PERCEPTION TOWARDS E-BANKING SERVICES PROVIDED BY SELECTED PRIVATE & PUBLIC SECTOR BANKS IN INDIA: A COMPARATIVE STUDY**

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### **ABSTRACT**

*The reason of this paper is to decide the patron's notion towards the e-banking offerings. A total of wide variety of customers is considered for the study. Analysis of variance technique is hired to have a look at the substantial relationship among the occupation and customer interest of e-banking offerings and good sized relationship between the age and consumer belief of e-banking offerings. The result of the look at certainly suggests that different age organization of consumer and one-of-a-kind profession organization of customers have distinct notion closer to the e-banking offerings. The consequences also recommend that demographic factors impact appreciably net banking behavior, mainly, profession and age. Eventually, this paper indicates that knowledge about the patron's belief regarding the e-banking services of public and private banks it will help to the banker to apprehend the clients want in higher way.*

**KEYWORDS:** Customer Perception, E-Banking, Public & Private Banks, Customer Interest, Net Banking.

### **Introduction**

The quick advancing international records infrastructure inclusive of statistics technology and computer networks together with the net and telecommunications systems permit the development of digital trade at a global level. The almost typical connectivity which the net offers has made it an invaluable commercial enterprise tool. These trends have created a new form of economy, which many name the 'digital economic system'. This fast rising economic system is bringing with it unexpectedly converting technologies, growing expertise depth in all regions of enterprise, and growing digital supply chains and new types of businesses and service transport channels which include e-banking. As an instantaneous result of the emergence of the 'digital financial system', the stability of strength appears to be transferring to the clients. Customers are increasingly more worrying more price, with goods customized to their actual desires, at much less fee, and as quick as possible. To fulfill these needs, businesses need to expand revolutionary approaches of making price which frequently require special employer architectures, exceptional it infrastructures and special manner of considering doing commercial enterprise. (Shah, Mahmood and Clarke, Steve, 2009). Records era has been one of the powerful gear within the modifications which have befell in alternate and economic system. It is the use of pc hardware and laptop software program to save, convert, and method, retrieve, transmit and protect information. Era has end up more accessible, cheaper and simpler to apply, which has had a main effect

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on the arena's trade and trade. With the advent of the internet and the world huge web corporations recognized it as a device to do commercial enterprise at the same time as purchasers stated it as no longer handiest an opportunity to purchase goods over the internet and offerings but additionally to reap information. (aronsohn et al, 2006). It has additionally changed the way of doing banking transaction. It creates new merchandise, provider market opportunities and better provider output. Generation adoption by the banks has enabled the use of various era tools in banking, which enable financial institution to reduce transaction price, saving money and additionally save extra time. It categorized as an electronic banking (wandaogou, abdil mumuni moro and jalulah, stephen pambiin ,2011).

E-banking is relating to the deployment of banking products and services over electronic and verbal exchange networks without delay to customers (wandaogou, abdil mumuni moro and jalulah ,stephen pambiin ,2011). It has emerged as a strategic aid for reaching efficiency; manage operations, productivity, and profitability. It has changed the conventional way of banking transaction through the e-banking customer do now not visit to the financial institution workplace for you to perform banking transaction. For instance, purchaser are the usage of automated teller machines (ATM) in area of cashier tellers, and credit score cards and electronic coins in region of financial institution transactions (alagheband, parisa, 2006). It also permit clients to publish their applications for distinctive services, make queries on their account balances and submit instructions to the financial institution and additionally electronically switch budget to their money owed, pay bill, and behavior other banking transaction on-line (afrouz, firouzeh, 2006).It is predicated significantly on records and conversation technology (ict) to obtain its promise for 24 hours availability and faster delivery of financial services.

E-banking is now a worldwide phenomenon. It's far a treasured and influential tool for heavy improvement, supporting increase, promoting innovation and improving competitiveness. A physically powerful banking industry is a crucial in every United States of America and may have a first-rate have an effect on in supporting monetary improvement via equipped financial offerings. It has huge impact on the banking industry. Banks require growing creative answers of how to make full use of the new generation and a way to offer their clients with high on-line provider exceptional. When lacking face to face interplay banks must increase the experienced online service high-quality among clients as a way to obtain and maintain aggressive benefits and client relationships. (aronsohn et al, 2006).

### **Basics of Electronic Banking**

Digital banking is a high-order construct, which consists of numerous distribution channels. It has to be stated that electronic banking is a larger platform than just banking through the net. The term electronic banking may be defined in lots of methods. In a totally simple form, it can mean the supply of facts or services by a bank to its customers, via a pc, television, telephone, or cellular cellphone (daniel, 1999). Electronic banking has extraordinary forms of delivery channels: Smartphone, pc, mobile and the net. Moreover, personal computer Permit purchaser to use all e-banking facility at domestic without visit the financial institution. It offers clients a variety of offerings which will pass money between money owed, pay bills, take a look at balances, and purchase and promote mutual budget, Securities and also put up digital loan programs via pc banking. A cell banking carrier is the most up-to-date carrier in digital banking customers can test their balance and make adjustments between debts, account transactions, bills and so on. Internet is the interconnection of laptop conversation networks which allow the purchaser to perform all of the banking sports over the net. It is the today's wave within the facts generation. The net is converting the whole lot, from the way of behavior trade and the manner of distribution of facts. Several benefits of sturdy electronic provider have additionally been recognized as inclusive of happy and retained customers, enchantment of latest clients, development of client relationships, elevated income and market shares, greater corporate photo, reduced charges and extended Profit margins and commercial enterprise performance (parasuraman et al., 2005; bauer et al., 2005). Those advantages might also explain the found growth inside the stage of technology adoption in the transport of banking offerings (kalakota and whinston, 1997; bauer et al., 2005).

### **Conception of Internet Banking**

The most widespread kind of electronic banking in our instances is banking through the internet, in other phrases net banking. This type of banking lets in clients to test the balances in their accounts, switch budget and order digital bill bills. Net banking systems permitting customers to use for loans, trade shares or mutual budget, and even view actual pictures of their assessments or deposit slips. The services available for net banking range from bank to bank. Nowadays the internet is the primary channel for digital banking. Internet banking offers many blessings to banks and their clients (karjaluo, 2002).

The principle advantages to banks are value savings, attaining new segments of the populace, efficiency, enhancement of the financial institution's reputation and better customer service and delight (Jayawardhena and Foley, 2000). to customers internet banking offers additionally new fee. With the help of the internet, banking is now not bound to time or geography. Consumers everywhere in the world have fairly easy access to their debts 24 hours in line with day, seven days per week. it makes to be had to customers a complete range of offerings together with some offerings now not offered at branches. Internet banking has the advantage that the consumer avoids traveling to and from a bank branch. In this manner, internet banking saves money and time provides comfort and accessibility (karjauloto, 2003). clients can manage their banking affairs once they want, and they could experience more privacy even as interacting with their bank. It's been claimed that internet banking gives the customer more blessings at decrease costs (mols, 1998).

### Literature Review

- **Safeena et al (2010)** determines the purchaser's angle on net banking adoption. Locating shows that perceived usefulness, perceived ease of use, customer recognition and perceived risk are the critical determinants of on-line banking adoption and feature strong and fine impact on customers to just accept on line banking gadget.
- **Uppal, R.Ok (2011)** threw light on growth of statistics technology in diverse banks. The goal of this research is to analyze the extent of technological tendencies in numerous bank organizations. Findings suggest in comparison to new private area banks and foreign banks, in public zone banks very less it has taken region. The most generation is taking region in new technology non-public area banks and overseas.
- **Rao, Okay. Rama Mohana and Lakew, Tekeste Berhanu (2011)** examines the service first-class perceptions of customers of public zone and private quarter banks in the metropolis of Visakhapatnam, India. the writer well-known shows that the reliability and guarantee dimensions Of service nice scored the best scores even as the tangibles measurement were given the bottom rating. Furthermore, the have a look at discovered a strong dissimilarity in carrier quality perceptions among customers of personal zone and public sector banks.
- **Santhiyavalli, g. (2011)** determined the patron's perception of provider best of the pick branches of country bank of India and study the essential elements liable for their pleasure. On this studies sequel model has been used and study indicates that among five dimensions 'reliability', 'responsiveness', 'empathy' and 'tangibility' are the essential elements responsible for patron delight.
- **Dharmalingam, S. and Kannan,Ok. V. (2011)** examine the service pleasant in retail banking inside the Tamil Nadu, based on one-of-a-kind ranges of clients' belief concerning provider high-quality. Statistics are amassed from 3 personal banks, ie. ICICI, Axis and HDFC bank. Sample length of these studies is 240. The result suggests that clients' notion is highest inside the tangibles region and lowest inside the product variety location.
- **Bahl, Sarita, (2012)** determined that security and privacy issues are the big problem in e-banking. If safety and privateness troubles resolved, the future of electronic banking may be very prosperous.
- **Rahman., et al (2012)** determined that e-banking remains a brand new era in Bangladesh.
- **Chibueze., et al (2013)** suggests that electronic banking has advanced returns at the equity of nigeria banks.
- **Kaur, Jasveen and Kaur, Baljit, (2013)** indicates that there is no enormous difference in facilities determining the customers' utilization of net banking services of public-region, private-area and overseas banks in India.

### Objectives of the Study

- Identify the extent to which demographic variables of the patron have influence on consumer perception on e-banking.
- Identify the effect of relationship between demographic variables of the respondents like age, profession, and their belief regarding offerings of e-banking.

### Research Methodology

In a view to precede the research in a scientific manner the subsequent studies methodology has been used. With the aid of obtaining specified opinion of the clients, this studies falls beneath the category of descriptive studies. Each primary and secondary records series became made. To acquire

the primary records questionnaire is prepared. A pilot looks at changed into carried out to validate the reliability of the questionnaire. The questionnaire includes questions about demographic variable and the respondents have been asked to rate their perception stage of e-banking services on a 5 point likert's scale. The questionnaires were widely circulated to the customers of various banks (any patron who makes use of the e-banking services of any bank in Aligarh city - sample respondents are decided on the usage of handy sampling technique) thru direct technique and also thru e-mail. Approximately 250 questionnaires are being circulated and responses had been acquired from 196 clients and 54 questionnaires had been determined to be incomplete. The secondary facts are gathered from magazines, journals, books and websites. The usage of the last entire questionnaires the information is edited coded and analyzed using SPSS 11.5 the use of the assessments like ANOVA.

### Limitations of the Study

The study is carried out in Hyderabad and pattern could be very small subsequently the results can't be generalized.

### Analysis and Interpretation

To investigate the distinct demographic variables are considered. They're age group of the respondents and career.

**Hypothesis1** : There's no vast distinction among age of the purchaser and their perception towards the offerings of e-banking.

**Table 1: Age Group and Perception of Customer on e-banking Services-Cross Tabulation**

Total	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Lower Bound
0-19	20	2.5	0.607	0.136	2.22	2.78
20-29	70	2.73	0.635	0.076	2.58	2.88
30-39	50	2.1	0.763	0.108	1.88	2.32
40-49	45	2	0.739	0.11	1.78	2.22
50-59	11	1.91	0.831	0.251	1.35	2.47
<b>Total</b>	196	2.33	0.769	0.055	2.22	2.44

The above table depicts the connection among the age and client satisfaction on e-banking at 5% degree of significance. Majority of the respondents belong to the age group of 20-29 have excessive stage of belief regarding the e-banking offerings. Majority of respondents who are among the age organization of 30-39 have medium degree of belief regarding the e-banking offerings and majority of them who're between forty-49 have low degree of belief and majority of them who are between 50-59 have very low degree of perception concerning the offerings of e-banking

**Table 2: ANOVA Table**

Total	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	21.192	4	5.298	10.736	0
Within Groups	94.252	191	0.493		
<b>Total</b>	115.444	195			

The above table depicts that the p value is .000 that's less than .05. So we reject the null speculation and regularly occurring the opportunity speculation. So there may be huge distinction among career of the purchaser and their belief on e-banking offerings.

### Conclusion

Accordingly, this look at has analyzed the general perception of customers concerning the services of e-banking. Age and profession are the crucial demographic factors within the banks that have used to degree the perception of the customers on e-banking services. E-banking might be successful for banks simplest when they have commitment to e-banking along with a deeper knowledge of purchaser desires. This may come best whilst the financial institution has a very huge base of clients, satisfactory humans, and a provider attitude. Banks ought to focus on above lines a good way to have powerful e-banking practices the observe concluded that unique age institution of clients have one of a kind belief in the direction of the e-banking services and the usage degree of these banks' customer is specific so financial institution must give attention to all the age institution of clients for betterment of e-banking banks. It has also seen that different profession group of customers have different perception in the direction of the e-banking services. There are correct wide variety of customer in each organization like

pupil, service magnificence, business class and professionals, it suggests that they all are eager thrilling in the use of the e-banking offerings.

### Recommendations

Above evaluation exhibits that in personal banks clients are happier as compare to public banks about the services of e-banking. One of a kind age group customers have exclusive belief toward the e-banking services, particularly the vintage age human beings are having the reluctance for the usage of e-banking facilities, so importance to take delivery of to those humans and right education on using e-banking must take delivery of to them and bankers have to adopt the right techniques to draw distinctive age group and give more data approximately the e-banking offerings. Maximum of the clients pick e-banking for quickness. So banks need to try in all of the approaches that e-banking is working 24 hour round the clock and provider is to be had to customers without any hassles. On line clients are in particular involved on protection problems so the banks ought to train their clients at the protection use in their passwords and pin numbers and it should insist the customers that they have to exchange the passwords and pin numbers often so no unauthorized fraudulent practices take place within the online banking.

### References

- ✖ Afrouz. Firouzeh, "Banks employees' perception toward implementation of e-banking in Iran :a comparative study among governmental and private banks", Ph.D thesis, Lulea University of Technology, 2006.
- ✖ Aronsohn. et al, "E-banking and Service Quality Online", Ph.D thesis, Lunds universitet, Campus Helsingborg, 2006.
- ✖ Bahl.Sarita, "Emerging Challenges in E-Banking Upheavals in Global Scenario", RIJEB Volume 1, Issue 7(July) ISSN: 2277 – 1018, 2012
- ✖ Bauer. et al, "Measuring the quality of e-banking portals. International Journal of Bank Marketing", Vol. 23 No. 2, 2005, pp. 153-75.
- ✖ Chibueze. et al, "Electronic Banking and Bank Performance in Nigeria", West African Journal of Industrial & Academic Research Vol.est 6 No.1 March, 2013.
- ✖ Daniel. E, "Provision of electronic banking in the UK and the Republic of Ireland", International Journal of Bank Marketing, Vol. 17 No. 2, 1999, pp. 72-82.
- ✖ Dharmalingam. S. and Kannan. K. V, "Customer Perception on Service Quality of New Private Sector Banks in Tamilnadu - an Empirical Study", JBFSIR Volume 1, Issue 5, 2011.
- ✖ Kalakota. R. and Winston. A.B, "Electronic Commerce: A Manager's Guide", Addison Wesley, 1997.
- ✖ Kaur. Jasveen and KaurBaljit, "Determining Internet Banking Service Quality & Customer Satisfaction in India shows", Tenth AIMS International Conference on Management, 2013.
- ✖ Kavitha. S, "Influence of Demographic Variables on Customer Satisfaction Regarding E-Banking: An Empirical Investigation", Issues in Information Systems, Volume XII, No. 1, 2011, pp. 436-444.
- ✖ Mols. Niels, "The Behavioural Consequences of PC banking. International Journal of Bank Marketing", 16, 5, 1998, pp. 195–201.
- ✖ Nasri. Wadie, "Factors Influencing the Adoption of Internet Banking in Tunisia, International Journal of Business and Management", Vol. 6, No. 8; August 2011, www.ccsenet.org/ijbm
- ✖ Rahman. et al, "Problems and Prospects of E-Banking in Bangladesh, International Journal of Scientific and Research Publications", Volume 2, Issue 7, July 2012 1 ISSN 2250-3153.
- ✖ Safeena. et al , "Customer Perspectives on E-business Value: Case Study on Internet Banking", JIBC, Vol. 15, No.1, April, 2010.
- ✖ Santhiyavalli. G, "Customer's perception of service quality of State Bank of India - A Factor Analysis", IJMBS Vol. 1, Issue 3, September 2011.
- ✖ Shah, Mahmood and Clarke, Steve., E-Banking Management: Issues, Solutions, and Strategies, UK, IGI Global, 2009.
- ✖ Turban, E., Lee, J., King, D., and Chung, H.M. Electronic Commerce: A Managerial Perspective. Prentice-Hall, Upper Saddle River, NJ, 2000.
- ✖ Uppal, R.K, E-delivery channels in banks-A fresh outlook, Journal of Arts Science & Commerce ISSN 2229-4686, www..researchers world..com Vol.– II, Issue –1,January 2011.