# Analysis Of Non-Performing Asset on Urban Cooperative Bank in India

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Abstract- Resources named non-acting sources (NPA) if debtors usually do not pay head plus enthusiasm for a period of 90 days. Whatever the case, with effectfromMarch2018, the Regular could be given to the particular folks who spend on 90 days if any enhance or even credit Facilities are given simply by means of the financial institution in order to the borrower to become non-performing, and afterward the particular financial institution must draw returned all credit/credit rating places of work offered towards the borrower as no - Performing without How identify towards the manner that presently there can also whatever the case can be found certain advances/credit workplaces having acting popularity. In sincere phrases, a advantage that expects to play a mysterious aid execution useful resource.

#### I. INTRODUCTION

Three letters "NPA" Strike fear in banking and business vicinity circle today. NPA is a quick sort of "Non-Performing Asset". The NPA's watchfulness is possibly referenced: if the premium or the opposite is due to the fact the bank stays unpaid for more in preference to ninety days, all financial institution credit therefore turned out to be undiscovered assets. Credit restoration has changed into an issue for banks and cash associated foundations. To escape the number one, we should do not forget doing away with the NPA, there's not anything forgotten to discover these successful factors and deal with the type's variables.

It really is evident that will bank and cash connected groups in Hyderabad encounter troubles with Non-Performing Property (NPAs) and the issue is come out as progressively immaterial. In order to conquer the problem, a couple of stages were given. Securitization and Reconstruction of Monetary Assets and Enforcement associated with Security Interest Act, 2002, has been actualized with the particular aid of parliament, this is a sizable enhance in obtaining reduce or lessening the particular NPA.

### 1.1 INDUSTRY PROFILE

• GROWTH OF URBAN CO-OPERATIVE BANKS IN KARNATAKA:

Typically, the presentation of the locale helpful bank in Karnataka is noteworthy. Co-employable financial institutions in the town have moved towards turning into fashions several economical areas. Effective agreeable city locations in Karnataka can be taken into consideration as a mix of various factors, for instance, pursuits and work eagerness, common populace backing and trust and so on. Within the off risk that we require a gander on the improvement of the city's useful bank on bank account that 1981, it displays that there is critical improvement in individuals, capital, very responsibility etc. Notwithstanding, the improvement of the metropolis's maximum steeplypriced helpful maintain money with a few regions like Bangalore, Belgaum, Bijapur, and Dharwad, and the leftovers of area abandoned inside the city's agreeable banks, due to the liberal economical processes of the Government of India and the Hold Bank of India, These are being set up in all regions that usually are vanquished. The Determination of the Mahila Urban Pupil Bank in Karnataka is another and intensive Federal government move. Save Bank of India advancement association has invigorated reactions to the open metropolis banks and Mahila agreeable banks in Karnataka. In the way of modern times, 25 Mahila manor townships and sixty four open agreeable banks have been installed. The Mahila banks hold the financial needs of girls who help raise earnings and group of friends of relatives suggestions. Typically the accompanying desk demonstrates that there is an gratifying swapping scale of the location from 251 to 298 from 1997-98 to 2004-05. This demonstrates a 83 per cent growth inside the emergences of a metropolis beneficial loan company in Karnataka. The application

additionally extended from 20 lakh to 22 lakh over the seven-yr time of 1997-98 to sixty-eight 2004-05. Moreover, the hold budget via making ready the useful banks are likewise expanding as 285277 lakhs to 885845 lakhs. The financial institution's advancements and advances are also increasing speedy, for instance , 201248 lakhs to 590251 lakhs.

• Brief History of Urban Cooperative Banks in India The timeframe Urban Development Bank (UCBs), but now not technically characterized, alludes to essential co-employable banks based inside urban and semi-city locations. This bank, up to be able to 1996, is permitted to be able to loan coins just regarding nonfarming functions. This improvement isn't always consistently obtained into consideration. These financial institutions usually are amassed in sites, local amassing working surroundings. He intended to experience loan professionals and private ventures. Today, the functioning room has been expanded.

The starting of typically the town's agreeable monetary growth in India may end up being looked from your late 19th century, as a consequence of the bonus of fruitful examinations discovering with beneficial developments inside England and agreeable famous tendencies in Germany since inside Indian folks team. The beneficial's association depends after on the guide of participation, - typical help, simply fundamental administration and open enrollment. The particular helpful speaks to each other and elective method to address living creatures in opposition to restricted corporations, association organizations in addition to enterprise entities speaking to be able to business prevailing associations.

• Recent Developments

From there forward, the important reasonable banks (city communities) have recorded the value of quantities, sizes and enterprise amount watched over. As of 03 31, 2003 there have been 2, 104 UCBs, fifty six of which have been banked. Close to seventy nine percentage are in 5 international locations, - Andhra Pradesh, Gujarat, Karnataka, Maharashtra and Tamil Nadu. The trouble since past due with the aid of a part of the essential UCBs has featured a part of these facial banks' problems and association activities coordinated at solidifying and fortifying the segment and boosting management. • Which way of Cooperative Bank:

Co-employable banks are institutions founded based on cooperatives and deal with standard financial business. Like one of a kind banks, bosses' banks are mounted via collecting belongings via stocks, accepting stores and credit.

In any case, these corporations' banks range from the joint inventory banking institutions inside the accompanying ways:

#### IKIP:

- i. Co-employable banking institutions problem protections from never-ending breaking factors, when combined stock banks trouble controlled protections.
- ii. In an agreeable financial institution, one investor has one election paying little heed to the quantity of offers made. In a joint-inventory lender, the investor's entitlement to forged a boule is dictated by means of its own investor's quantity.
- Co-employable banks are basically in charge of rustic credit score and deliver financing to rural and city sporting activities. The business entity is essentially involved about change and enterprise credit score prerequisites.
- iv. Co-employable banking in India is a main authority shape. The essential credit score community is at the bottom of the extent. At that point, there are focal cooperatives on the locale degree and cooperatives of country banks at the country degree. The joint shares haven't any authorities structure.
- v. Cooperative credit score cooperatives are situated in towns which may be unfold during the nation. The joint stock banks and their branches awareness for the most component on city regions, especially in huge urban areas

• Verifiable Cooperative Bank in India:

Agreeable traits in India have started to deal with the issue of rustic credit. The ancient backdrop of helpful collaboration between India started with the dying of Cooperative Laws of 1904. The purpose for this Act turned into to make useful credit score society "to assist diligent work, assist and participation between reproducers, craftsmans and people. "

Numerous helpful credit score networks are built up under the Act. The Cooperative Societies Act, 1912 presented another affiliation for the supervision, review and association of agreeable credit score. Such institutions are-(a) Unions, made out of essential networks; (b) country wide banks; and (c) not unusual banks.

In spite of the fact that it's miles starting to begin by means of framing agreeable social orders and upgrading co-usable credit score, advancement has stayed provoking inside the pre-autonomy length. Albeit nonetheless worked for fifty years, the credit score of the beneficial changed into just three. 1 % of the all out rustic credit score of 1951-fifty two.

## II. CONCEPTUAL BACKGROUND

## • INTRODUCTION NPA's

About three letters "NPA" A concern assault on the economical component and enterprise groups now. NPA is a new quick kind of "Non-Executing Asset". The feared NPA rule essentially says: although top rate or better for the reason of which the lender remains unpaid regarding over three months, all economic institution credit obviously arise as non-execution resources. Recovery of advances is dependably an issue for financial institutions and cash related institutions. To escape the commence, we must sense of which it's far achievable to be able to keep away from typically the NPA, nobody else could locate the capable aspect and manage the elements.

• Meaning of Non-Performing Resources:

Non Performing Assets (NPAs) have converted into the essential challenge of the Bank and Financial Institutions portion currently. It is considerable that relates to a selection the presentation of Financial institutions and Financial Institutions.

Not Performing Assets is a new credit given by approach of the Bank or perhaps Financial Institutionswhere the debtor defaultsor top class postponement, interruption or head compensation. Inside this manner it refutes the adequacy in the credit rating cycle manner. Non-restoration in addition gives the belongings in the Financial Institution, but in the same way is necessary to finish its extremely own assets with the aid of techniques for capital and to make saves and preparations to bring the misfortune. Albeit completing a stipend for capacity misfortunes, the Financial Institutions ought to guard the misfortune in the lowlevel. Actually, it's miles a nonexecution resource that augments execution and effectiveness of Financial Institutions. NPA using can likewise cause regularly unfold.

Net NPAs = Gross NPAs – Provisions Gross Advances – Provisions

#### Income Recognition

Pay acknowledgment arrangements have to be objective and depending on a document of healing. Universal profits from non-execution assets (NPA) isn't certified yet is earned as earnings simply while recounted as it should be. In this manner, banks ought no longer issue and don't forget in opposition to any NPA.

- However, enthusiasm for subsidizing past term stores, NSCs, IVPs, KVPs and Life preparations may be taken to income accounts at the date of receipt, that's given as a exceptional part accessible on the document.
- Fees and commissions gotten with the aid of banks because of renegotiation or rescheduling of amazing obligation must be perceived on a meeting premise over a few stretch of time secured through additional debatable or longer credit reimbursements.

Inversion of pay:

- If the development, including the payments obtained and sold, turns into the NPA as close to the yr, intrigue got and credited to earnings account in the earlier yr, should be switched or gave within the occasion that it isn't the equivalent. This furthermore applies to authorities ensured money owed.
- About the NPA, costs, commissions and comparative incomes which have been gotten must stop at the prevailing time and have to be grew to become round or accommodated a period, if no longer found.

## Resources Leased:

Rent internet leases (cash fees) on rented assets that are gotten and credited to pay debts ahead of the blessings appear to be nonperforming, in addition to yet not understood, must be grew to become rounded or gave inside surprise bookkeeping time body.

Typically the time period 'internet lease contract leases' methods the diploma of price costs delivered approximately for your credit regarding the Profit and Damage Account and will end up being received as a low condominium that may be directed by means of the measure of lawful devaluation and rent property report.

As the 'Representing Accounting for Leases' record allotted by way regarding the Institute of Chartered

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Accountants of Hyderabad (ICAI), separate Lease Equalization stats have to be exposed with the aid regarding saves money with demand or credit-related Lease Realignment Account, just like typically the case. More, Equity Rental records ought to end up being moved each 12 a few months to Profit and Damage Account and revealed separately as extra conclusions regarding the estimation of property rent appeared 'Net Income'.

In credit useful groupings operating in India. The corporation may be ordered directly into classifications - farming in addition to non-agrarian. The rural credit rating score establishments overwhelm typically the agreeable credit structure.

#### Credits plus advances:

The country reasonable banks are specifically eager on giving credit plus advances to useful systems. Remarkable of ninety 8 percentage is given towards the network around seventy 5 % for a fast timeframe. Particularly the credit rating is given for gardening functions.

The amount associated with nation helpful banks faster from 15 of every single 1950-51 to 21 regarding each 1960-sixty one in addition to 28 out of 1991-ninety two. The advances developed via these banks broadened from Rs. Forty a couple of crore in 1950-fifty a single to Rs. 260 crore in 1960-sixty one, more enhanced for Rs. 7685 crore in 1991-ninety two.

#### III. STATEMENT OF THE PROBLEM

Inside positive international locations, there may be no crucial advancement financial institution, however part of a country land bank. In Madhya Pradesh, the kingdom's gratifying loan company is a region land bank. In exceptional nations like Andhra Pradesh, Kerala and Maharashtra, there are a handful of express development financial institution.

Moreover, fundamental advancement banks are likewise particular in interactions in numerous countries. From the country wide period, the land advancement financial institution likewise framed an affiliation, known as the Indian Union of All-India Land Development.

#### • Capital:

Terrain development banks take possessions from capital, saves, stores, credits and advances, and debentures. Debenture frames the biggest money related source. Debenture is issued via kingdom land development banking institutions.

They have continuous interest, development change from 20 to twenty-five years, and are ensured with the aid of the country authorities. This debenture is secured by beneficial banking institutions, business banks, Bank Negeri India and Indian Hotels Bank.

Notwithstanding the standard debentures, land advancement banking institutions flow country debentures for a time of so long as 7 years. Debentures are given by way of ranchers, panchayats, and Bank saves. The particular Reserve Bank is amongst selecting financial selections on the land bank like in no way before for the nation authorities to provide capital coins-float to the people banks and take part in regular and provincial debentures.

#### 3.1 NEED FOR THE STUDY

What's extra, crucial development banks are likewise incredible in organizations in diverse international locations. In the country wide degree, the land improvement lender likewise framed an association, referred to as the All-India Land Development Banks' Union. There aren't any examinations which can be performed with out appropriate apparatuses and strategies in any problem. For higher clarifications and right clarifications I use measurements instruments and Personal computers that are extraordinarily visit. Also, I'm so appreciative for each one of the devices that help me personally.

#### 3.2 OBJECTIVES OF THE STUDY

The essential requirements of the NPA Project are:

- To evaluate NPA (Gross and Net) in the two banks.
- To think about past NPA patterns
- Realize better bank for looking after NPA.
- In order to check the diploma of NPA in various financial conditions
- Understand the impact of NPA on bank tasks.
- To find out a cause at the back of the NPA
- To find out about preventive measures

#### 3.3 SCOPE OF THE STUDY

• The volume of this research is limited by NPA examination of enterprise financial institutions and private banks.

- It analyzes NPA slope inclines in human beings in trendy and private segments.
- Typically the facts has been researched via genuine apparatuses, as an instance, rates.
- To be able to gauge the near portion of URBAN BANK and ICICI banks.
- To be able to research everyday motives right behind blessings for be NPA.

## 3.4 RESEARCH METHODOLOGY

The research methodologies adopted for carrying out the study were. In this project Descriptive research methodologies were use.

- From the primary level, theoretical research is finished.
- At the following period, think about history is completed.
- At the third stage the near exploration of the NPA is in development

# IV. DATA ANALYSIS AND INTREPRETATION

For motivations at the back of research and correlation between the non-public part and open bank, I took URBAN BANK and ICICI banks every open and private area to investigate The Performing Assets of banks.

For a advanced comprehension, we separate nonadvantage assets into need and non-need regions, NPA reged and NPA internet in price simply as rupees, Deposits - Investments-Advances.

Reserve budget - Investments - Advances are the primary within the investigation on account that it is able to permit us to understand in which the financial institution is in an competitive marketplace. In late March 2012, the non-public a part of ICICI Bank changed into the most extended discern in speculation rupees, the most noteworthy being HDFC Bank.

The banks of the Urban Bank have most Deposit -Investments - AdvisiICICI is sort of equivalent to in the direction of the stop in the open division banks.

When we comparison personal component banks and open segment banks among these banks, we are able

to see more individuals like to select open segment banks for Deposit-Investment.

Be that as it can, when we assessment ICICI Bank's private division banks and ICICI Bank open region banks all of the extra normally positioned and primary in all banks.

4.1 DEPOSIT – INVESTMENT – ADVANCES (RS. CRORE) OF BOTH SECTORBANKS AND COMPARISON AMONG THEM.

		(Rup	bees in Crores)
	Urban Bank		
YEA	DEPOSIT	INVESTMEN	ADVANC
R	S	TS	ES
2015	804,116.2	285,790.07	631,914.15
-16	3		
2016	933,932.8	295,600.57	756,719.45
-17	1		
2017	1,043,647.	312,197.61	867,578.89
-18	36		

# DEPOSIT-INVESTMENT-ADVANCES of URBAN BANK



## INTERPRETATION

From the above figures it can be observed that every year deposits, investments & advances are increasing gradually. Investments are constantly every year, advancing of loans to the customers are increasing year by year.

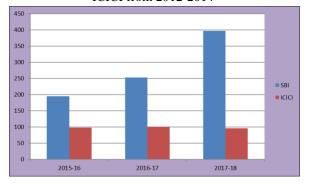
4.2 COMPARISON OF GROSS NON-PERFORMING ASSETS

		(Rupees in Billions)
YEARS	URBAN	ICICI
	BANK	
2015-16	195.35	98.03

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2016-17	253.26	101.14
2017-18	396.76	95.63

Comparison of Gross NPA of URBAN BANK& ICICI from 2012-2014



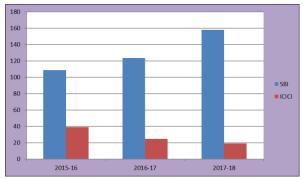
#### INTERPRETATION:

From the above figure it can be observed that Gross NPA of URBAN BANK is 195.35 in 2010-11more than that of ICICI is 98.03 in 2015-16. But when compared, URBAN BANK is increasing its Gross NPA where as ICICI is reducing yearly. URBAN BANK Gross NPA is going on increasing by 396.76 in 2017-18 but ICICI Gross NPA has slight fluctuating by 95.63 in 2017-18.

## 4.3 COMPARISON OF NET NON-PERFORMING ASSETS

		(Rupees in Billions)
YEARS	URBAN	ICICI
	BANK	
2015-16	108.70	39.01
2016-17	123.47	24.58
2017-18	158.18	18.94

Comparison of Net Non-Performing Assets of URBAN BANK& ICICI from 2012-2014



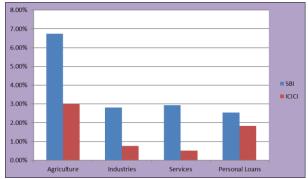
## INTERPRETATION:

From the above figure, URBAN BANK's Net Non Performing Assets are increasing year by year from 108.70 in the year 2015-16to 158.18 in the year 2017-18 and ICICI Banks Net Non Performing Assets are going on decreasing year by year from 39.01 in the year 2015-16 to 18.94 in the year 2017-18.

# 4.4 NET NPA OF PRIORITY SECTOR FOR THE YEAR 2017-2018

		(In Percentage)
Priority Sector	URBAN	ICICI
	BANK	
Agriculture	6.74%	3.00%
Industries	2.80%	0.77%
Services	2.93%	0.51%
Personal Loans	2.54%	1.83%

Net NPA of Priority Sector in the year 2017-2018



#### INTERPRETATION:

From the figures it is observed that priority must be given to every sector. The Net NPA percentage of agricultural sector for the year2016-17 was 6.74% by URBAN BANK is double Net NPA of ICICI. URBAN BANK gives much priority to agricultural sector that of other sectors where as ICICI gives nearly equal priority to agriculture and personal loans.

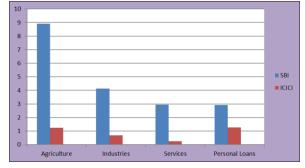
4.5 NET NPA OF PRIORITY SECTOR FOR THE YEAR 2017-2018

		(In Percenta	age)
Priority Sector	URBAN BANK	ICICI	

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Agriculture	8.92	1.25
Industries	4.12	0.69
Services	2.94	0.24
Personal Loans	2.92	1.26

#### Net NPA of Priority Sector in the year 2017-18



#### **INTERPRETATION:**

From the figures it is observed that priority must be given to every sector, The Net NPA percentage of priority sector for the year 2017-18was 8.92% byURBAN BANKwhen compared to ICICI it is only 1.25%. URBAN BANK gives much priority to agricultural sector and increased that of last year. ICICI has reduced its priority of agricultural sectorto 1.25% from 3.00% in the last year.

# V. FINDINGS, CONCLUSION AND SUGGESTIONS

#### 5.1 FINDINGS

Many individuals have a private financial balance.

- Number of issues managed by more individuals in business banks.
- People need to change the conduct of open bank representatives.
- Bank URBAN BANK demonstrates a huge NPA proportion contrasted with ICICI bank.
- As URBAN BANK takes note of a major level of the rural area, the NPA adds to the case.
- The examination likewise demonstrates that the primary NPA builds in light of the prescribed government need parts.

#### 5.2 SUGGESTIONS

Based on the study conducted, there are some of the suggestions.

- 1) The Bank must comply with the RBI standards and give the office when in doubt, which the bank does not perform
- 2) Both banks need to offer credit shockingly evaluations.
- 3) Credit must be made securitization.
- 4) Employee credit should concentrate on income.
- 5) Banks should attempt their best to treat the NPA.
- 6) The credit withdrawal organization ought to consistently assess the customer's monetary condition.
- 7) Both banks need to make great provisioning approach.
- The issue must be recognized all around ahead of schedule with the goal that the bank can attempt the best in order to end the advantages or even A/c's NPA.

#### CONCLUSION

The perfect time is to discover way in order to dispense with the NPA issue. Productive administration information frameworks should be produced. Bank staff required outdoors needs to be prepared on authentic documentation and protections plus will prompt measures in order to anticipate progresses in the particular modification of the NPA. Open bank must concentrate on the capacity to competitor private banks. Banks ought to be keen in the particular correct selection of borrowers/extends and examine fiscal reviews.

The NPA has dependably been an incredible tension for that banks in Hyderabad. It really is anything but a good issue for a financial institution; They are affordable furthermore. Cash secured NPAs is not accessible for beneficial make use of and reactions of financial institution benefit. Normally NPA will be higher in business banking institutions. To expand effectiveness plus gainfulness, the NPA should be booked. Different steps have been taken simply by the administration to reduce the NPA.

This triggered the NPA level associated with the Indian financial component. Yet, there are several activities. The rate associated with NPA in our banks will be as yet greater than worldwide models. It is hard to possess a zero level associated with NPA. The point is not Indian native banks can attempt in order to contend with remote banking institutions to keep up globally guidelines. You can not overlook the way that this NPA is a piece associated with a bank's advance guarantee. Indian banks need in order to keep themselves dependable to clients who are valid as anticipation is in every case superior to fix.

## REFERENCES

- BHADRAPPA HARALAYYA, P.S.AITHAL, PERFORMANCE AFFECTING FACTORS OF INDIAN BANKING SECTOR: AN EMPIRICAL ANALYSIS, George Washington International Law Review, Vol.- 07 Issue -01, April-June 2021, PAGE No : 607-621, Available at: http://archive-gwilr.org/wpcontent/uploads/2021/06/Bhadrappa-Haralayya.pdf
- [2] BHADRAPPA HARALAYYA, P.S.AITHAL, TECHNICAL EFFICIENCY AFFECTING FACTORS IN INDIAN BANKING SECTOR: AN EMPIRICAL ANALYSIS, Turkish Online Journal of Qualitative Inquiry (TOJQI), Vol.- 12 Issue -03, June 2021, PAGE No : 603-620, Available at: https://www.tojqi.net/index.php/journal/article/v iew/791/242
- [3] BHADRAPPA HARALAYYA, P.S.AITHAL, IMPLICATIONS OF BANKING SECTOR ON ECONOMIC DEVELOPMENT IN INDIA, George Washington International Law Review, Vol.- 07 Issue -01, April-June 2021, PAGE No: 631-642 Available at: http://archivegwilr.org/wpcontent/uploads/2021/06/Bhadrappa-Haralayya-1.pdf
- [4] BHADRAPPA HARALAYYA, P.S.AITHAL ,STUDY ON PRODUCTIVE EFFICIENCY OF BANKS IN DEVELOPING COUNTRY, International Research Journal of Humanities and Interdisciplinary Studies (www.irjhis.com) ,Volume: 2, Issue: 5, May 2021, Page No : 184-194. Available at : http://irjhis.com/paper/IRJHIS2105025.pdf

- [5] Bhadrappa Haralayya ; P. S. Aithal . "Study on Model and Camel Analysis of Banking" Iconic Research And Engineering Journals ,Volume 4 ,Issue 11 ,May 2021 Page 244-259. Available at https://irejournals.com/paper-details/1702750
- [6] Bhadrappa Haralayya and Aithal, P. S.. "Analysis of cost efficiency on scheduled commercial banks in India". International Journal of Current Research, Volume 13, Issue 06, June 2021, pp 17718-17725 Available at: https://www.journalcra.com/sites/default/files/is sue-pdf/41580.pdf
- [7] Bhadrappa Haralayya and P. S. Aithal, "A Study On Structure and Growth of Banking Industry in India", International Journal of Research in Engineering, Science and Management, Volume 4, Issue 5, May 2021.Page no 225–230. Available at: https://www.journals.resaim.com/ijresm/article/ view/778/749.
- [8] Bhadrappa Haralayya, Retail Banking Trends in India ,International Journal of All Research Education and Scientific Methods (IJARESM), Volume: 9, Issue: 5, Year: May 2021, Page No: 3730-3732. Available At http://www.ijaresm.com/uploaded\_files/docume nt\_file/Bhadrappa\_Haralayyaqscw.pdf
- [9] BHADRAPPA HARALAYYA, P.S.AITHAL, FACTORS DETERMINING THE EFFICIENCY IN INDIAN BANKING SECTOR • Α TOBIT REGRESSION ANALYSIS", International Journal of Science & Engineering Development Research (www.ijsdr.org), Vol.6, Issue 6, June-2021, page no.1 6, Available :http://www.ijsdr.org/papers/IJSDR2106001.pdf
- [10] BHADRAPPA HARALAYYA, P.S.AITHAL, IMPLICATIONS OF BANKING SECTOR ON ECONOMIC DEVELOPMENT IN INDIA, flusserstudies, Volume 30, June 2021,Page No:1068-1080, Available at: https://flusserstudies.org/archives/801
- [11] BHADRAPPA HARALAYYA, P.S.AITHAL, STUDY ON PRODUCTIVE EFFICIENCY OF FINANCIAL INSTITUTIONS, International Journal of Innovative Research in Technology, Volume 8, Issue 1, June-2021, Page no: 159 –

164,

Available: http://ijirt.org/master/publishedpaper/IJIRT1515 14\_PAPER.pdf

- [12] BHADRAPPA HARALAYYA , STUDY OF BANKING SERVICES PROVIDED BY BANKS IN INDIA, International Research Journal of Humanities and Interdisciplinary Studies (www.irjhis.com), Volume: 2, Issue: 6, Year: June 2021, Page No: 06-12, Available at : http://irjhis.com/paper/IRJHIS2106002.pdf.
- [13] BHADRAPPA HARALAYYA, P.S.AITHAL, ANALYSIS OF BANK PERFORMANCE USING CAMEL APPROACH", International Journal of Emerging Technologies and Innovative Research (www.jetir.org | UGC and issn Approved), Vol.8, Issue 5, May-2021, page no 305-314, Available at http://www.jetir.org/papers/JETIR2105840.pdf
- [14] BHADRAPPA HARALAYYA, P.S.AITHAL, ANALYSIS OF BANK PRODUCTIVITY USING PANEL CAUSALITY TEST, Journal of Huazhong University of Science and Technology, Volume 50, Issue 6, June-2021, 16, Available Page no: 1 \_ at: https://app.box.com/s/o711h776opeypauvzucp9e sntjwur9zf
- [15] BHADRAPPA HARALAYYA, P.S.AITHAL, INTER BANK ANALYSIS OF COST EFFICIENCY USING MEAN, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Volume 10, Issue 6, June-2021 ,Page no: 6391-6397. Available at: http://www.ijirset.com/upload/2021/june/97\_IN TER\_NC1.pdf
- [16] BHADRAPPA HARALAYYA, P.S.AITHAL, ANALYSIS OF TOTAL FACTOR PRODUCTIVITYAND PROFITABILITY MATRIX OF BANKS BY HMTFP AND FPTFP, Science, Technology and Development Journal, Volume 10, Issue 6, June-2021, Page 190-203. Available no: at: http://journalstd.com/gallery/23-june2021.pdf
- [17] BHADRAPPA HARALAYYA, P.S.AITHAL, ANALYSIS OF BANKS TOTAL FACTOR PRODUCTIVITY BY AGGREGATE LEVEL, Journal of Xi'an University of Architecture &

Technology, Volume 13, Issue 6, June- 2021 ,Page no: 296-314. available at: https://www.xajzkjdx.cn/gallery/28june2021.pdf

- [18] Bhadrappa Haralayya, PS Aithal, "ANALYSIS OF BANKS TOTAL FACTOR PRODUCTIVITY BY DISAGGREGATE LEVEL", International Journal of Creative Research Thoughts (IJCRT), Volume.9, Issue 6, June 2021. pp.b488-b502, Available at :http://www.ijcrt.org/papers/IJCRT2106187.pdf
- [19] Haralayya B. Importance of CRM in Banking and Financial Sectors Journal of Advanced Research in Quality Control and Management 2021, 6(1): 8-9
- [20] Haralayya B. How Digital Banking has Brought Innovative Products and Services to India. Journal of Advanced Research in Quality Control and Management 2021; 6(1): 16-18
- [21] Haralayya B. Top 5 Priorities That will Shape The Future of Retail Banking Industry in India. Journal of Advanced Research in HR and Organizational Management 2021; 8(1&2): 17-18.
- [22] Haralayya B. Millennials and Mobile-Savvy Consumers are Driving a Huge Shift in The Retail Banking Industry. Journal of Advanced Research in Operational and Marketing Management 2021; 4(1): 17-19
- [23] Haralayya B. Core Banking Technology and Its Top 6 Implementation Challenges. Journal of Advanced Research in Operational and Marketing Management 2021; 4(1): 25-27
- [24] Nitesh S Vibhute ; Dr. Chandrakant B. Jewargi ; Dr. Bhadrappa Haralayya . "Study on Non-Performing Assets of Public Sector Banks" Iconic Research And Engineering Journals Volume 4, Issue, 12 June 2021, Page 52-61 Available at https://irejournals.com/formatedpaper/1702767. pdf
- [25] Haralayya, Dr. Bhadrappa and Saini, Shrawan Kumar, An Overview on Productive Efficiency of Banks & Financial Institution (2018). International Journal of Research, Volume 05 Issue 12, April 2018, Available at SSRN: https://ssrn.com/abstract=3837503

- [26] Haralayya, Dr. Bhadrappa, Review on the Productive Efficiency of Banks in Developing Country (2018). Journal for Studies in Management and Planning, Volume 04 Issue 05, April 2018, Available at SSRN: https://ssrn.com/abstract=3837496
- [27] Basha, Jeelan and Haralayya, Dr. Bhadrappa, Performance Analysis of Financial Ratios -Indian Public Non-Life Insurance Sector (April 30, 2021). Available at SSRN: https://ssrn.com/abstract=3837465.
- [28] Haralayya, Dr. Bhadrappa, The Productive Efficiency of Banks in Developing Country With Special Reference to Banks & Financial Institution (april 30, 2019). Available at SSRN: https://ssrn.com/abstract=3844432 or http://dx.doi.org/10.2139/ssrn.3844432
- [29] Haralayya, Dr. Bhadrappa, Study on Performance of Foreign Banks in India (APRIL 2, 2016). Available at SSRN: https://ssrn.com/abstract=3844403 or http://dx.doi.org/10.2139/ssrn.3844403
- [30] Haralayya, Dr. Bhadrappa, E-Finance and the Financial Services Industry (MARCH 28, 2014). Available at SSRN: https://ssrn.com/abstract=3844405 or http://dx.doi.org/10.2139/ssrn.3844405
- [31] Haralayya, Dr. Bhadrappa, E-payment An Overview (MARCH 28, 2014). Available at SSRN: https://ssrn.com/abstract=3844409 or http://dx.doi.org/10.2139/ssrn.3844409.
- [32] Bhadrappa Haralayya. "Customer Satisfaction at M/s Sindol Bajaj Bidar" Iconic Research And Engineering Journals, Volume 4, Issue 12, June 2021, Page 157-169 Available at: https://irejournals.com/formatedpaper/1702792. pdf
- [33] Bhadrappa Haralayya. "Ratio Analysis at NSSK, Bidar" Iconic Research And Engineering Journals, Volume 4, Issue 12, June 2021, Page 170-182 Available at: https://irejournals.com/formatedpaper/1702793. pdf
- [34] Bhadrappa Haralayya . "Financial Statement Analysis of Shri Ram City Union Finance" Iconic Research And Engineering Journals, Volume 4, Issue 12,June 2021, Page 183-196

Available at: https://irejournals.com/formatedpaper/1702794. pdf

- [35] Bhadrappa Haralayya . "Employee Job Satisfaction at Big Bazaar" Iconic Research And Engineering Journals, Volume 4, Issue 12, June 2021, Page 197-206 Available at: https://irejournals.com/formatedpaper/1702795. pdf
- [36] Bhadrappa Haralayya . "Effect of Branding on Consumer Buying Behaviour at Vijay Bharat Motors Pvt Ltd, Bidar" Iconic Research And Engineering Journals, Volume 4, Issue 12, June 2021, Page 207-222 Available at: https://irejournals.com/formatedpaper/1702796. pdf
- [37] Bhadrappa Haralayya . "Study on Customer Perceptions Guru Basava Motors, Bidar" Iconic Research And Engineering Journals, Volume 4, Issue 12,June 2021, Page 223-231 Available at: https://irejournals.com/formatedpaper/17027972 .pdf
- [38] Bhadrappa Haralayya . "Study on Loans and Advances for DCC Bank Main Branch Nayakaman, Bidar" Iconic Research And Engineering Journals, Volume 4, Issue 12, June 2021, Page 232-242 Available at: https://irejournals.com/formatedpaper/1702798. pdf
- [39] Bhadrappa Haralayya . "Work Life Balance of Employees at Karanja Industries Pvt Ltd, Bidar" Iconic Research And Engineering Journals, Volume 4, Issue 12, June 2021, Page 243-254 Available at: https://irejournals.com/formatedpaper/1702799. pdf
- [40] Bhadrappa Haralayya . "Working Capital Management at TVS Motors, Bidar" Iconic Research And Engineering Journals, Volume 4, Issue 12, June 2021, Page 255-265 Available at: https://irejournals.com/formatedpaper/1702800. pdf
- [41] Haralayya, Dr. Bhadrappa, Testing Weak Form
  Efficiency of Indian Stock Market An
  Empirical Study on NSE (April 30, 2021).
  Emerging Global Strategies for Indian Industry

(ISBN: 978-81-910118-7-6), 2021, Available at SSRN: https://ssrn.com/abstract=3837488

- [42] Haralayya, Dr. Bhadrappa, Top 10 Ways to Improve the Communication Skills (JUNE 20, 2016). Available at SSRN: https://ssrn.com/abstract=3844410 or http://dx.doi.org/10.2139/ssrn.3844410
- [43] Haralayya, Dr. Bhadrappa, Multi-Inter-Trans Disciplinary Research Towards Management and Commerce (July 25, 2016). Available at SSRN: https://ssrn.com/abstract=3847404