

Dissertation on Impact of Computerization of PACS With A Case Study of Shree Vitthal Vividh Karyakari Sahakari(Vikas) Seva Sanstha Maryadit ,Yavaluj

# Submitted By

Mr. Gorakhnath Shinde Roll No. 5531

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**ACKNOWLEDGEMENTS** 

I would like to place on record my sincere thanks to Dr. Hema Yadav, Director, Vaikuth

Mehta National Institute of Cooperative Management for her constant motivation in

completing this work successfully.

I also wish to express my gratitude to Prof. S.Y. Deshpande, Head, Centre for Cooperative

Management and Programme Director, 55<sup>th</sup> Post Graduate Diploma in Cooperative

Business Management Course, VAMNICOM, PUNE, for his help in my dissertation.

At the outset, I gratefully acknowledge the constant encouragement, able guidance,

incisive comments, adept and meticulous correction and academic acumen of my research

guide Dr.Y.S Patil, Professor, VAMNICOM, PUNE, which helped me to carry out the

dissertation work successfully. Her goodwill, bounteous wishes me are highly instrumental

in the accomplishment of the dissertation. I sincerely and whole heartedly thank her for all

the help and cooperation that I have received from her during the course of my

dissertation study.

I am grateful to the Secretary and Board Members of the Shri Vitthal Vikas Seva

Sanstha(VKS)Ltd.Yavaluj Tal. Panhala, Dist. Kolhapur for their cooperation in data

collection.

My thanks and appreciations also go to my colleagues, friends and family members in

developing the dissertation and people who have willingly helped me out with their

abilities.

Mr.G.M.Shinde

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#### **Dr.Yashwant S Patil**

Professor Vaikunth Mehta National Institute of Cooperative Management, Pune, Maharashtra.

## **CERTIFICATE**

This is to certify that the Dissertation entitled "Impact of Computerization of PACS With A Case Study of Shree Vitthal Vividh Karyakari Sahakari (Vikas) Seva Sanstha Maryadit, Yavaluj" is an original research work carried out by Mr.G.M.Shinde under my guidance and supervision. No part of this work has been submitted for any other degree earlier.

Date: 08.04.2022

Place: Kolhapur Dr.Yashwant Patil

**DECLARATION** 

I hereby declare that the dissertation entitled "Impact of Computerization of PACS

With A Case Study of Shree Vitthal Vividh Karyakari Sahakari (Vikas) Seva Sanstha

Maryadit, Yavaluj" is the outcome of research work carried out by me under the

guidance of Dr. Yashwant Patil, Professor, Vaikunth Mehta National Institute of

Cooperative Management, Pune, Maharashtra. I further declare that this

dissertation has not been submitted previously for the award of any degree

either in this Institute or any other Institute.

Date: 08.05.2022

Place: Kolhapur

Mr.G.M.Shinde

Trainee Officer

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#### **EXECUTIVE SUMMARY**

# Computerizations of Primary Agricultural Cooperative Societies Research Supervisor: Dr. Yashwant Patil Trainee Officer: Mr.G.M.Shinde

The Cooperative sector plays a vital role in the economic development of the country and hence it has been recognized as an integral part of our national economy. The Cooperative movement, which is the largest Socio-economic movement in the world, has contributed significantly to the alleviation of poverty, creation of productive employment as well as the enhancement of social integration in the country.

Vaidyanathan Committee laid emphasis on infusion of Information Technology in STCCS at all levels commencing with PACS. In pursuance of the same, computerization of PACS was initiated on an ambitious note in the year 2008 as per the G.O. of the Government of Andhra Pradesh. However, the project remained either incomplete or a nonstarter or abandoned halfway through by the service provider. It is understood that out of 2050 PACS, about 600 PACS were taken up for computerization and only about 300 PACS are said to be using the same. It is understood there is no support from the service provider as the field staff have been withdrawn by them. It is also understood that the service provider has submitted in writing that it would be not possible for the company to continue with the project. Thus the computerization of PACS has received a serious set-back and is delayed at least by a decade adversely affecting the business development in particular and revival process in general.

The Governments have implemented DBT, financial inclusion project etc. which is not possible through PACS for want of computerization of their operations- thus loosing huge business opportunity. The latest threat in the form of grant of banking licence to Post Offices which have deep penetration and spread comparable with PACS is an issue which reiterates the need to take a quick review of the position obtaining in PACS in terms of their competitive edge and their ability to serve and meet the needs of their clientele

Under these circumstances, computerization of PACS is no longer an option but it is an essential part of the survival strategy. Hence, computerisation of

PACS will have to be taken up on an accelerated and mission mode so as to be relevant to their stake-holders and to face the challenges of competition. From the point of view of higher financing agencies and the regulators, computerization of PACS will provide real time information for taking informed decisions and for formulating appropriate policies. Computerization will also make the decision making at the PACS level faster and reduces the drudgery of staff in maintaining record of their operations manually. Without losing further precious time computerization of PACS should be taken up on top priority basis. While state as a unit can be considered for achieving scales of economy of computerization, individual districts may also be allowed to computerize their PACS if it will accelerate the process.

With computerization, PACS members do not have to deal with any scams. Computerization helps in direct linkage of PACS with district banks, district banks with state cooperative banks and state cooperative banks with NABARD and all schemes of farmers reach farmers directly through PACS. Very few states in the country have been able to accomplish this task so far.

#### 5. Rational for the study

#### **5.1 Study of Computerization of Primary Agriculture Credit Societies (PACS)**

#### 5.1.1 Introduction

The Government of India in its Union Budget 2017-18 made a provision of Rs. 1900 Crore towards Computerization of 63000 Primary Agriculture Credit Societies (PACS) out of a total number of about 93000 plus PACS. The budget allocated by Government of India constitutes 60% to 80% of the implementation costs varying from State to State (depending on their geographical location) while the balance to be contributed by the State Governments and their STCCS. The program was scheduled to commence in the year 2017-18 and complete within a timeframe of 3 years ending year 2019-20.

It is, indeed, a significant move by Government of India aiming at creating a technology enabled level playing ground for these Rural Financial Institutions (RFIs) that serve the rural areas particularly the small and marginal farmers. It is also significant in view of bringing PACS in the fold of Financial Inclusion agenda, through such technology enablement. This measure also signifies reorganization of PACS as a vehicle for comprehensive rural development at large and agriculture in particular with emphatic focus on the development and welfare of small and marginal farmers.

Consequent to the announcement, certain States which had earlier embarked on Computerization of their PACS have shelved their efforts in anticipation of the commencement of Gol program, However, Odisha (in the year 2012) and Telangana (towards end of 2016) commenced implementation of their respective PACS computerization programs.

The Gol appointed NABARD as the nodal agency for Computerization of PACS. The mechanism for implementation and monitoring was also put in place with the creation of National-level Implementation and Monitoring Committee (NIMC) at the national level with Secretary Agriculture, Cooperation & Farmers' Welfare, Gol as the Chairman with members drawn from Ministry of Agriculture, NABARD as Convenor, NIC, Principal Secretaries of Agriculture & Cooperation and Managing Directors of State Cooperative Banks from select States (on rotation). To support the NIMC on technology matters, a National Level Technical Selection Committee (NLTSC) was also constituted

The NIMC conducted only 2 meetings so far and no measurable progress has been registered yet. It is pertinent to note that even after the lapse of almost 2 years of the timeframe provided for implementation of the program, there continues to be a stalemate even on defining of the contours of the program and its commencement. Even a preliminary move like conducting a study of successful models, if any, was not attempted.

It is against this backdrop, NITI Aayog initiated an exercise for understanding the present and future relevance of PACS, their contribution to and status in the agriculture and rural development and the need for accelerating their technology adoption. Commencing from March 2018, NITI Aayog conducted meetings under the chairmanship of Member on the subject drawing participants from Department of Agriculture, Cooperation & Farmers' Welfare, Gol; NABARD, NCDC, NeGD, NSDC, VAMNICOM, NIRB, NAFSCOB, TCIL and Cooperative departments of Odisha, Tamil Nadu and Telangana. Simultaneously, field visits by representatives of some of the above organizations to Uttar Pradesh, Odisha and Telangana facilitated an in depth understanding of the SICCS, its potential to develop the rural economy in general and agriculture economy in particular.

A group comprising representatives from Ministry of Agriculture, NeGD, VAMNICOM, Pune; NIRB, Bangalore; TCIL and Adviser Agriculture, NITI Aayog conducted the field visit of Karimnagar district of Telangana. The team studied in detail the positive impact of convergence in product and service delivery achieved through computerized PACS in Telangana.

As part of the study of such an important sector, the group explored the availability of demographic and statistical data on PACS. It was a surprise that barring the data compiled by the National Federation of State Cooperative Banks Ltd, MUMBAI (NAFSCOB), there was no other source of information on PACS. NABARD, which provides crores of rupees of refinance to SICCS, does not even compile any data on PACS, which actually disburse the agriculture credit to the farmers. The access to NAFSCOB databank voluntarily made available by them to the group through their web portal.

It, therefore, became an imperative to make a detailed study of the PACS with reference to:

- i. PACS, their businesses and business processes
- ii. Infrastructure available and required (Office, internet connectivity, etc)
- iii. State of accounts and records. Their audit. Adherence to NABARD's CAS and MIS.
- iv. Availability of digital literates in the PACS and the need for augmenting skilled HR.

- v. Training facilities available and the gap to be bridged and the available agencies to impart training
- vi. Standardization of processes.
- vii. Facilities available/required at the data convergence points like DCCBS and SCBs.
- viii. The lacunae in the previous models sponsored by NABARD as part of the implementation of Revival Package (Prof. Vaidyanathan Committee)
- ix. Existing models of PACS computerization in different states like Odisha, Telangana TN and any other States

Further, the capabilities of the software deployed in the PACS to generate the following essential reports for any random dates since their computerization has been verified among others:

- i. Disbursement/Advances Report
- ii. NPA report
- iii.Overdue report-instalment wise
- iv. Loans recovery report
- v. Interest Subvention and subsidy report (State and Centre component duly bifurcated)
- vi. Common Demand Report All Individual members' all loans outstanding (ST, LT and any other).
- vii.Report on Loan disbursement, Repayment schedule, demand and collection thereof of
- any randomly selected member MT/LT loan account (the report is meant to establish the capture of loan account data from the date of the first disbursement.)
- viii. Provision for conduct of Statutory Audit with Audit Statement generated through software deployed, since delay in conduct of Statutory Audit has been a major deficiency.

#### 6. Objective of the study

#### **6.1 Title of the Project:**

"Impact of Computerization of PACS With A Case Study of Shree Vitthal Vividh Karyakari Sahakari (Vikas) Seva Sanstha Maryadit, Yavaluj "

#### 6.2 Objective of the Study:

Until introduction to the computerization in PACS the PACS were conducting their operations manually and in traditional manner. In that environment the human relations approach was with a difference to suit the then requirements. However, with the adoption of total computerization the entire face of the PACS has undergone a sea change. Consequently the manual approach has also changed to a great extent. It is on this backdrop this study has been undertaken with the following broad objectives.

- 1) To assess the impact of the Computerization.
- 2) To study the change in the manpower requirement and the increase in handling the business.
- 3) To study the effective use of common accounting system in computerization of PACS

### **6.3 Scope of the Study:**

The study encompasses the whole gamut of PACS operations normally conducted in the present day PACS set up. It has covered resource mobilization as well its deployment and at the same time a wide range of services. Particularly the existing human resources who were either to or not to exposed to computer environment as well as new generation human resources who have been brought up in computer friendly environment are working together. So the cultural differences in the initial period are bound to be there. The study attempts to take a stock of the situation obtained in the subject PACS under study.

#### 7. Review of Literature

#### 7.1 Computerization of PACS-various initiatives

The first attempt at the National Level for Computerization of PACS was made as part of the implementation of the "Revival Package" 2006 with NABARD as the Nodal Agency and under the aegis of Ministry of Finance, Government of India. A software then being experimented in Tamil Nadu was chosen for Nation-wide roll out without considering its suitability for PACS. Such software, as discussed in the S NIMC (under "Revival Package") meeting held on 2nd June, 2010, only catered to CAS and MIS and was not assessed for its suitability to PACS operations nor for its replication across the Country, Compact Disks (CDs) of the said software were circulated to States by NABARD for implementation through Software Deployment Agencies (SDAs), as chosen by individual States.

While a calling bids for SDAs for each fragment component of the implementation process in each State was itself a daunting task, the SDAs where chosen, possessed neither the knowledge of the domain nor the software being deployed. Consequently, more than a decade of precious time was wasted by States in the unsuccessful 3 pilot PACS chosen, with constant coordination issues between the Software Provider and the SDAs. The whole attempt led to a natural death without even single State completing at least the pilots.

#### 7.2 Justification for computerization of PACS

The existing systems and procedures followed in the operation of PACS are fraught with several challenges. The issues faced by various stakeholders are detailed below:

#### 1. Issues faced by Farmers are as follows:

- i. Undue delays in sanctioning credit mostly due to inefficient record keeping and non-updation of member data periodically.
- ii. Farmer buying from the open market adulterated inputs like seed, fertilizer, pesticides, etc.

#### 2. Issues faced by Societies are as follows:

- i. Inadequacies and inaccuracies of the book-keeping. Inability to have standard bookkeeping practices resulting in fraud and embezzlement cases.
- ii. Lack of standard reporting to DCCB/Apex Bank. In absence of authentic bookkeeping practices, the reports generated for policy making are mostly inadequate.
- iii. Information as required by other institutions from the societies is in non-standard format hence are time consuming and cumbersome.
- iv. Inability to do multiple businesses different from basic activities which otherwise can enhance profitability of the societies.
- v. Difficult to maintain the Stock inventory manually for fertilizers, seeds, pesticides, food grains, etc.

# 7.3 Outcome from the PACS Computerization

The expected outcomes from the PACS computerization project are as follows:

- 1. Bring in transparency and timeliness in the operations of the PACS
- 2. Improvement in the service provided to the PACS members
- 3. Generation of Normal Credit Limit (NCL) application, by PACS to District Central Co-operative bank (DCCB) /State Co-operative bank (StCB)
- 4. Maintenance of Digital Member Register (DMR) at the DCCBs/StCB level and synchronization of the same with PACS software to be made more effective and accurate
- 5. Enhanced availability of quality Management Information Systems (MIS) to the stakeholders viz., CCBs/StCBs, State Government, NABARD and Union Government for better monitoring and control
- 6. Expeditious Compliance with all the regulatory requirements in operations and reporting
- 7. Greater digitalisation of rural financial systems and accelerate the move towards digital India
- 8. Generation of data for PMFBY portal from the computerised PACS systems
- 9. Faster calculation of the interest subvention for the agricultural borrowers
- 10. Quicker production of accurate financial statements at the end of the financial year, thereby, reducing the time taken for auditing and help the management to take informed decisions to improve the business.
- 11. Enhanced customer satisfaction through faster availability of credit and non-credit products.

#### 7.4 Computerization of PACS Challenges

- Weak infrastructure (uninterrupted power and internet availability), Poor skill level and adaptability issues.
- Incomplete and inconsistent books and records of PACS.
- Availability of computer infrastructure and internet.
- Data preparation by conducting Special Audit to update the Books and Records and to establish Opening Balances.
- Dedicated trained manpower to enter legacy data follow double entry system
- Customization of ERP.
- Mandating End of Day (EOD) process for all the PACS to ensure continued usage of ERP.
- Secretaries working in Primary Agricultural Credit Institutions are very old in age and they feel depressed about computerization.
- Although the secretaries of the institutes have Accounting knowledge, they are not technically fully competent academically
- There is no complete network connectivity so offline work is done in many places
- There are many such organizations in Maharashtra. Although they want to computerize the organizations which cannot afford the monthly salary of their secretaries, they cannot do so.
- At present, many development service organizations are engaged in various business activities to earn other income and its business policies are decided by the five committees of the organization.
- The staff of the organization has less knowledge of English so it will be necessary to give importance to the local language
- Many organizations have been computerized but they need proper guidance
- Computerization has become a thing of the past in many organizations as the existing services are not available from the software companies.

- Primary Credit Institutions have been given autonomy under the Act, so District Banks are required to have the institution's permission to collect their data including computerization through them.
- In case of embezzlement, the secretary of the organization is indifferent about computerization
- It is necessary to bring technical awareness among the digestive committee working in rural institutions as it opposes the expenditure incurred due to educational backwardness.
- Institutions are indifferent to computerization when they are managing.
- Some organizations are only able to get certain reports from the locals.

#### 7.5 Vision for PACS post-computerization

It is the noble intention of the Col to develop PACS as vibrant, proactive and member centric service providing institutions meeting every financial and service requirement of their members in particular and the rural community at large, while being transparent and accountable in their operations and management, adhering to the principles of good governance and ensuring seamless integration of all stakeholders. Such transformed institutions will be able truly realize the goals of becoming Multi Service Organisations and vehicles of rural development in general and agriculture in particular.

It is also a fact that different departments of the Government of India's and of state governments design and implement several programs for the welfare of farmers as well as for development of agricultural and rural economy. But most often these programs run in parallel lines and are implemented by different functionaries at the filed level lacking in coordination and convergence of purpose and result. Through an appropriate computerization of PACS, all these programs of different governmental departments and agencies can be harnessed on to a common platform so as to derive the best benefit for the stakeholders. Simultaneously, a comprehensive information system can be facilitated helping informed decision making based on real time data.

#### 7.6 Costs of PACS Computerization

The cost of computerization proposed per PACS does not appear to be commensurate with the contemporary situation. The RBI vide circular CBR.CO.PCB.Cir.No.14/09.18.300/2015-16 dated 13-04-2016 has provided Rs4/-lakhs for computerization of each Cooperative Urban Bank (CUB) with additional Rs. 15,000/- per month for maintenance for a period of three years. The PACS software requirements, as discussed above, are much more than those of CUBs. Further, the status of books and records and the limited capabilities of human resources available at PACS besides their geographical location makes the project implementation resource intensive. Therefore, to get a good quality software and its successful implementation, it is essential to review the budget. provided lest an unreliable product and a vendor should emerge as a compromise.

Going by the construct of the StCCS, there are States where the structure is strong and can take extra load based on their needs and therefore it is advisable to allow the States and the SICCS in such States to decide independently the most competitive cost for their State and structure requirements. The Government of India may provide its promised share of financial support leaving the remaining costs to be borne by the individual States and their STCCS. Such contributions, ensure ownership and active participation of all the stakeholders.

NCDC who have financed PACS computerisation programs as part of their ICDP etc may be consulted to arrive at cost feasibilities. Further, the impact of GST on the project is also an important issue as it will constitute about 1/5th of the total budget. This may be reviewed since the enhanced businesses of PACS post Computerisation will compensate through additional revenues to the Government.

# **8. Research Methodology**

#### **8.1 Data Collection Sources:**

Data is collected from the PACS ,Shree Vitthal VKS ltd.,Yavaluj itself. Data was readily available as the PACS had carried out the exercise for switching over to the Computerization.

#### 8.2. Sampling plan:

No separate sample was required to be taken as the exercise is required to be carried for the organization as a whole and not in part. So the entire data for the PACS was collected.

## 9. Profile of the PACS

- Society Type : Primary agriculture credit society(PACS)
- Establishment Date: 18 August, 1940
- Founder: Shri Ramchandra Dhondi Adnaik
- Register NO: 14100 Date: 18/08/1940
- No. of Members : 1779
- Share Capital: 2.0 Cr.
- Investment: 1.18 Cr
- Member Loans: 5.77 Cr.
- Loans from DCC Bank: 5.68 Cr.
- Deposits: 0.8 Cr.
- Working Capital: 8.17 Cr.
- Profit: 0.12 Cr.
- Audit Class : A
- Area of operation : Yavaluj, Tal:Panhala, Dis:Kolhapur
- Core Business:
- ✓ Provide Agricultural & Non Agriculture credit facility
- ✓ Fertilizer
- ✓ Light bill collection centre
- ✓ Grinding Mill ,
- ✓ Public Distribution System(PDS)
- ✓ Own Farm
- Board of Directors :17 Members
  - ✓ 12 General
  - ✓ 2 women
  - ✓ 1 OBC
  - √ 1 SC
  - ✓ 1 ST.
- Staff :6 Members
  - ✓ 1 Secretary
  - ✓ 4 Clerks
  - ✓ 1 Peon

# PACS financial position for the year 2020-2021

• Total Membership during 1779

• Paid of Share Capital: 150.04 Lakh

• Total Reserves: 54.71 Lakh

Net Profit : 11.81 LakhAudit Class : "A" Class

CRAR: 32.54%Dividend: 6%

• Working Capital: 817.56 Lakh

• Total Deposits: 7.70 Lakh

• Total Borrowing from Kolhapur DCC Bank: 567.94 Lakh

• Investment: 118.36 Lakh

- Loan Disbursement: Rs.684.65 Lakh of which Short term crop loan member no. 680 Amt.Rs.625.81 Lakh, Term Loan member no.42 Amt Rs.58.84 Lakh.
- Demand, Collection, over due& Recovery Percentage
- Demand Rs.545.63 Lakh,
- Collection –Rs.524.51
- Overdue Rs.21.12 Lakh
- Recovery Percentage 96.12%
- Overdue Percentage: 3.88%
- Loan O/S: Rs.576.89 Lakh.
- Own Premises: Office Buildings, Godowan & 14 acre Agri Land etc.
- No.of Employees: 6 of which 1 full time Secretaries

# **Software Provider for PACS Computerization**

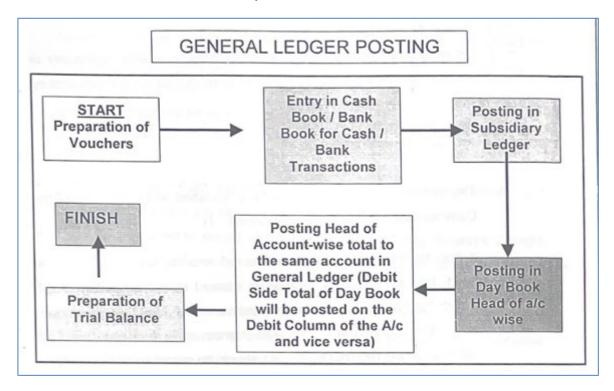
• Infosonic Software Pvt.Ltd.(Sachiv Mitra) Kolhapur

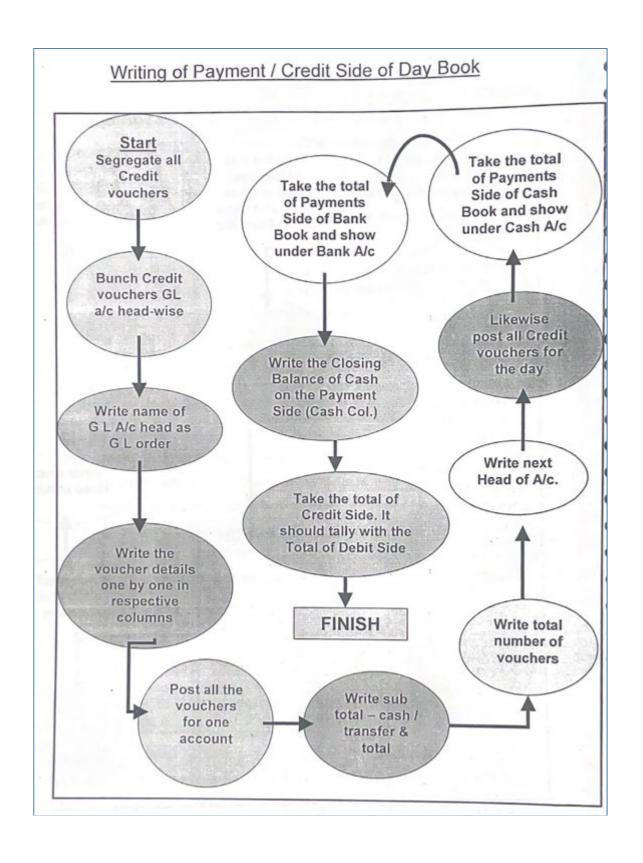
# 9.1 Impact of computerization of PACS on Shree Vitthal Vividh Karyakari Sahakari(Vikas) Seva Sanstha Maryadit

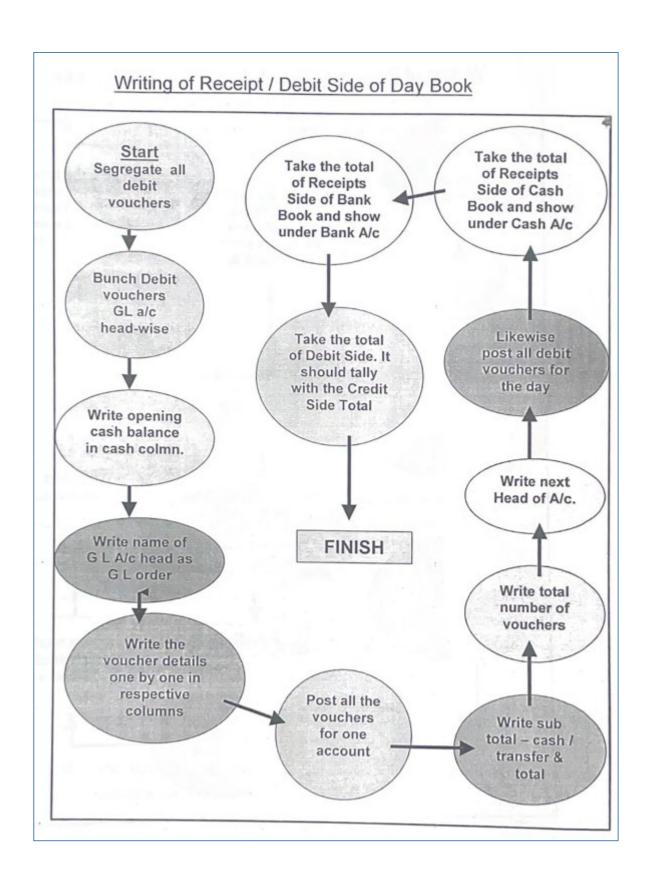
Before the computerization in this society with handwritten records, the same transaction has to be recorded in different books, so a lot of time is wasted and wrong entry is made in a book e.g. If a member wants to distribute crop loan, he has to register in more than eleven books, e.g. Debt, Debt Register, Debt Account, Account Deposit Account, Daily, General Ledger & Balance

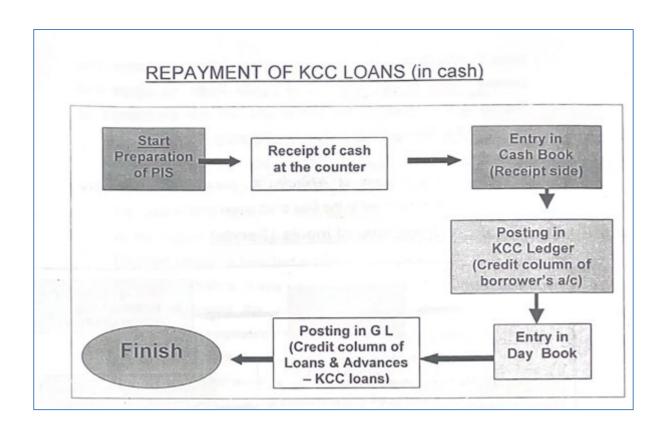
Vaidyanathan committee has introduced the common accounting system(CAS). Due to this society has to maintain the records in various ledgers and registers.

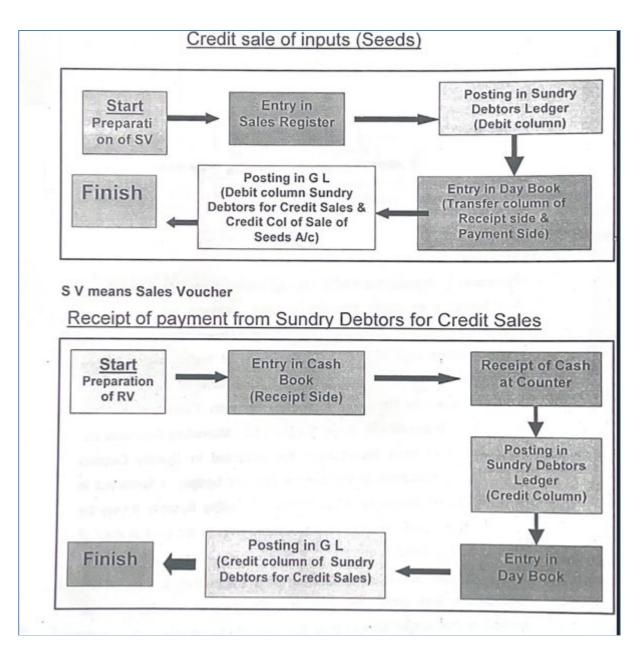
Following are the screen shots showing the transaction flow of the entries which are done in a manual way

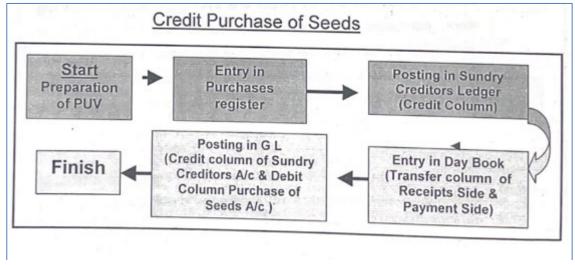


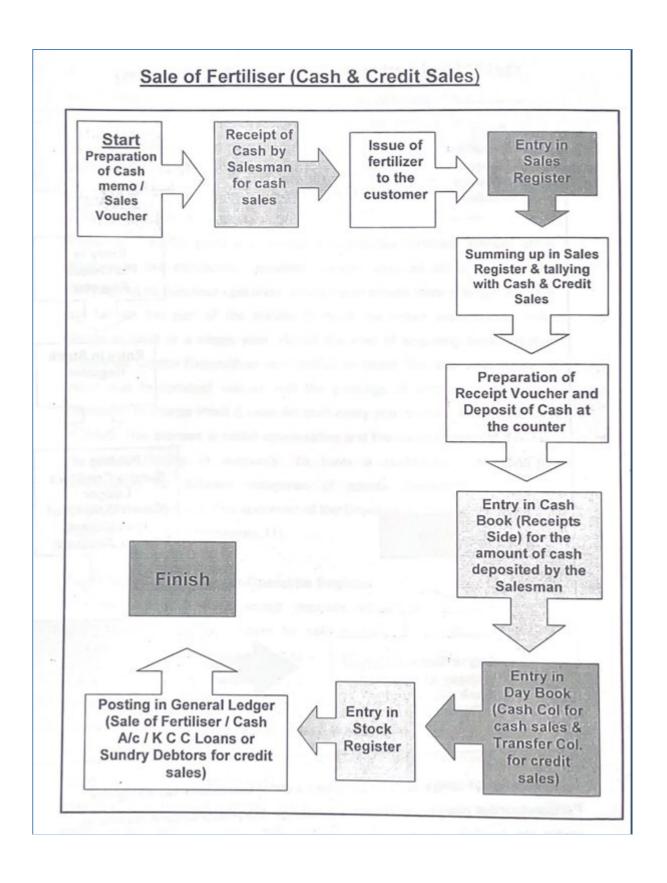


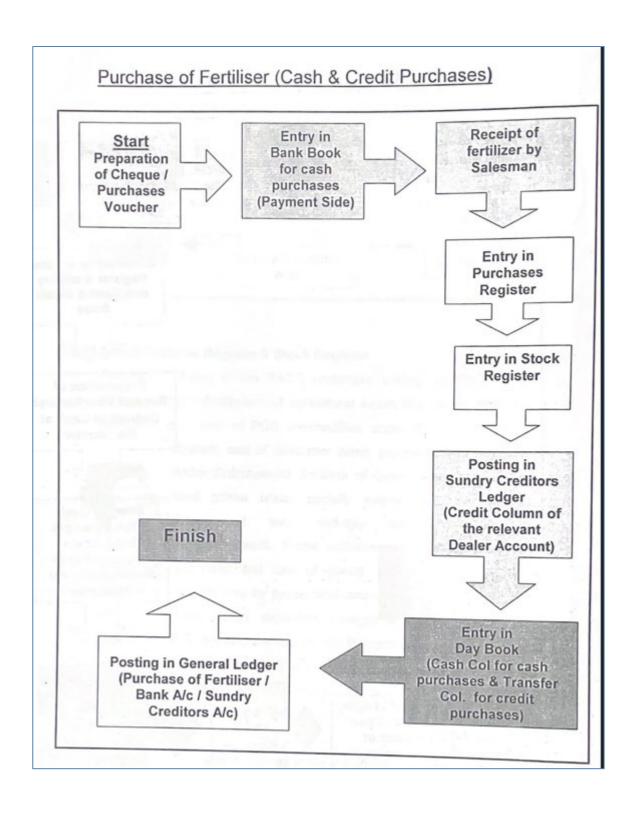


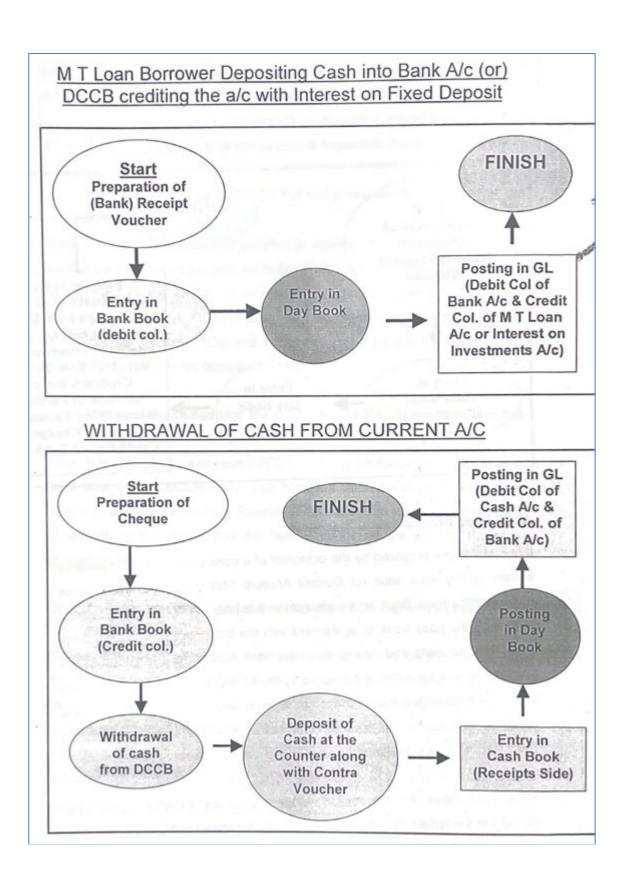


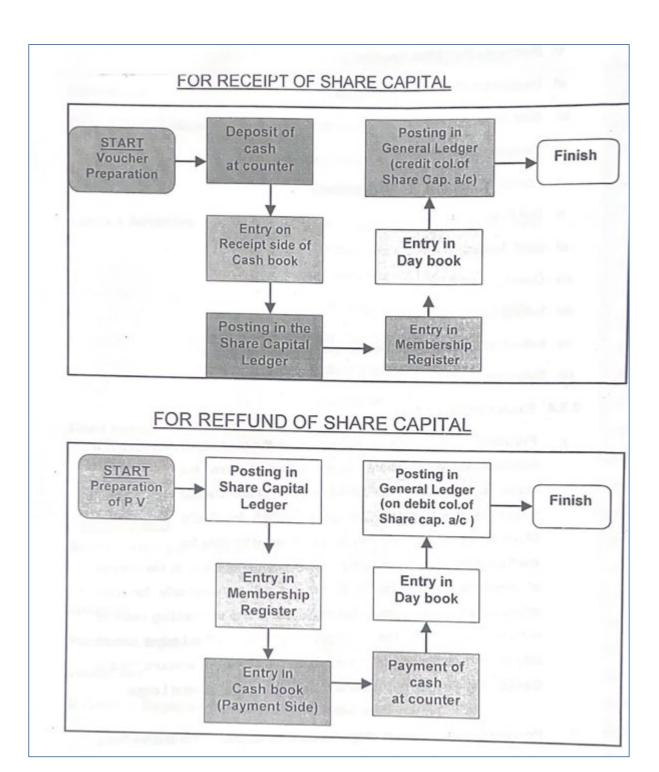


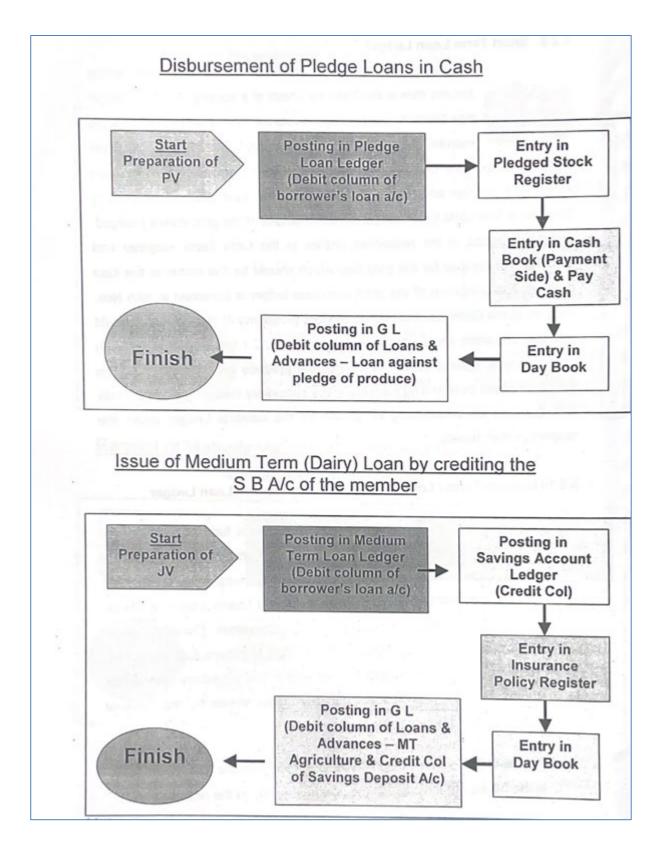






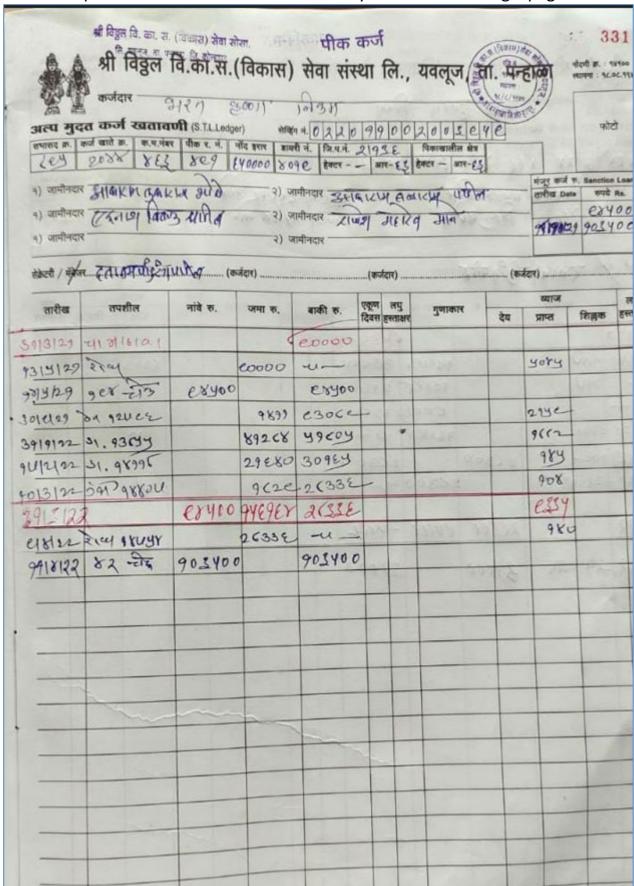






After the computerization all the transaction vouchers are posted automatically in a proper ledgers with single click

Following example is showing Impact of computerization of PACS on Shree Vitthal Vividh Karyakari Sahakari(Vikas) Seva Sanstha Maryadit which shows before the computerization customer who is having different types of loan data has to be maintained in different registers and after the computerization whole data can be easily available on a single page.



-4-	Loan Alc. No. and ex	nd m.	24	न जर्ज वाटप/क		Mem	ber No./ सभासा	द क्रमाण	2008	1100					
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	Loan Limit with Date	99	1 1												
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तपासद क. (९५) १) जामीनदा	SHAIZH	प्री (S.T.L.Lodg	(विकास) (व) शक् नीव करार काव	र में. शे मं. जि.प.मं. हेक्टर -	था	re- 18	विकासातील क्षेत्र क्टर - आर-		हाळा	हि.हि. श्रीदशी क. : १ श्रीदशी फोट	Loan
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## श्री विञ्चल वि.का.स.(विकास) सेवा.सोसायटी मर्या. यवलुज ता - पन्हाळा जि - कोल्हापुर

रजि. नं १४१००

रजि. दि. १८/०८/१९४०

-: एकत्रीत कर्ज खतावणी :- दि. ०१/०४/२०२२ ते १९/०७/२०२२ अखेर



खाते नंबर :- ८९५

खातेदाराचे नाव :- भरत कृष्णा निकम

वँक कोड :- ०२२०११००२००३९५९

पॅन कार्ड नं :-

आघार कार्ड नं :- ६२३१५८३५६८७१

फोन नं :- ७६२०१०५३९३

शेअर्स :- २००००

अनामत:- -

ठेव:- -

## में आकरिमक कर्ज

पावती नं.	दिनांक	तपशिल	नावे	जमा	शिल्लक	व्याज	दंड व्याज	सरचार्ज	दिवस	कच्चे
-	99/08/२०२२	कर्ज वाटप	20900.00	0.00	20600.00	0.00	0	0	0	

## मेंबर म. मु. म्हैस

पावती नं.	दिनांक	तपशिल	ंनावे	जमा	शिल्लक	व्याज	दंड व्याज	सरचार्ज	दिवस	कच्चे
-	39/09/2022	३९/०३/२२ ची बाकी	909000,00	0,00	900000.00	0,00	0	0	0	-

## मेंबर किसान सहाय्य कर्ज

पावती नं.	दिनांक	तपशिल	नावे	जमा	शिल्लक	व्याज	दंड व्याज	सरचार्ज	दिवस	कच्चे
-	98/97/2029	३१/०३/२२ ची बाकी	49832.00	0.00	49832.00	0.00	0	0	0	-

#### मेंबर ऊस कर्ज

पावती नं.	दिनांक	तपशिल	नावे	जमा	शिल्लक	व्याज	दंड व्याज	सरचार्ज	दिवस	कच्चे
-	90/03/2022	३९/०३/२२ ची बाकी	२८३३६.००	0,00	२८३३६.००	0.00	0	0	0	-
98098	०९/०४/२०२२	रोख जमा- // हस्ते	0,00	२८३३६.००	0,00	980.00	0	0	30	240000
-	44/08/5055	कर्ज वाटप	03400.00	0,00	903400,00	0.00		0	0	

## मेंबर खावटी कर्ज

पावती नं.	दिनांक	तपशिल	नावे	जमा	शिल्लक	व्याज	दंड व्याज	सरचार्ज	दिवस	कच्चे
-	99/08/2022	कर्ज वाटप	39000,00	0,00	39000.00	0.00	0	0	0	

# 9.2 Scree shots of Shree Vitthal Vividh Karyakari Sahakari(Vikas) Seva Sanstha Maryadit, Yavaluj software

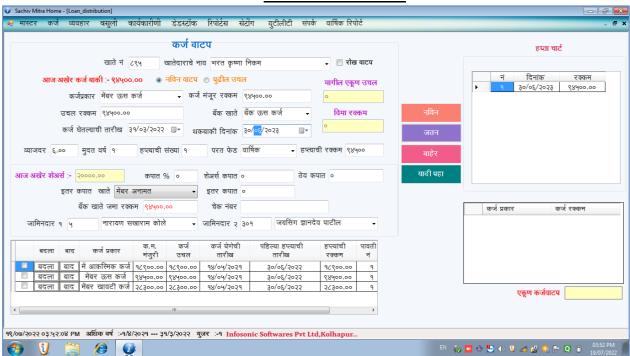
## **Login Screen**



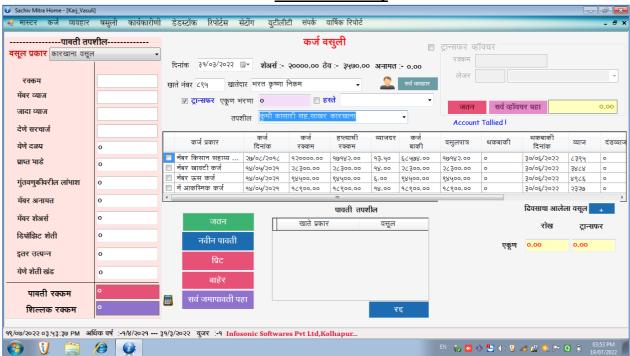
#### **Home Page**



#### Loan Disbursement



#### **Loan Recovery**

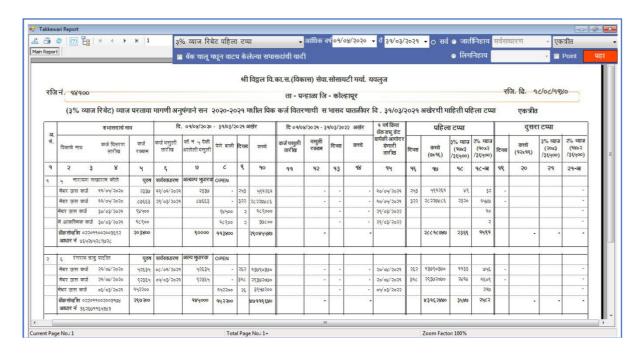


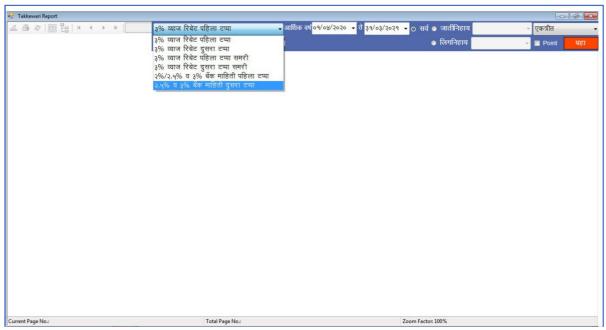
## **Share Certificate**



#### **Reports**











मा. सभापतीसो।

#### श्री विष्ठल वि.का.स.(विकास) सेवा.सोसायटी मर्या. यवलुज ता.पन्हाला जि.कोल्हापुर

कर्ज रोखा लिहून देणार श्री. नरत कृष्णा निकम रा.ता - पन्हाळा जि - कोल्हापूर ता.पन्हाला जि.कोल्हापूर धंदा शेती लिहून देतो की, कर्ज रोखा ऐसाजे

- १) वावकन आज ता. १४/०५/२०२१ इ.रोजी मी तिरून वेती की, आपले संस्थेकडून मता मैंबर ऊस कर्ज रुपये १४५०० ता. ३०/०६/२०२२ असेर मुवतीने जे कर्ज मंजूर आहे. त्यापैकी आज रोजी मता चेकने रुपये १४५०० असरी रु. ची-यांक्णव हजार पाचशे वित्ते ते कक्त पोहचले. बाकी राहितांती रक्कम बेकोबेळी मता जसजशी गरज तागेल तसतशी मी घेत जाईन.
- सबर कर्जांची परतफेड होणा-या व्याजासह खाली तिहीलेल्याप्रमाणे करावयाचा करार मी या लेखाने करुन वेत आहे. व त्याप्रमाणे मी परतफेड करीन. मुक्त रुपये १४५०० परतफेडीची तारीख ३०/०६/२०२२
- सनर कर्जावर नर साल नर रोकडा ६ कपये नराने व तथ्ता थकत्यास नंडाचे व्याज वेण्यास मी कबूल आते.
- ४) हे कर्ज मी खातील कारणाकरिता उपयोगात आणणेचे अटीवर मी घेत आहे. कर्जांचे कारण-शेती लागवडीकरिता.

कर्ज प्रकार	चेक रक्कम	शेअर्स	ठेव	इतर	एकूण
मेंबर ऊस कर्ज	98400	0	0	0	९४५००

- ध) संसायटीकबुन घेततेत्या कर्जाचा बोजा मालकाच्या व खंडाने केलेल्या जिम्मीतील सर्व पिकावर कर्ज फिटेपर्यंत रातील. सवर पीक संसायटी सांगेल त्या ठिकाणी व त्या संस्थेमार्कत विकी करण्याचे भी कबुल करती. भी तसे न केल्यास महाराष्ट्र सहकारी संस्था अधिनियम १९६० नियम १९६९ आपले संस्थेचे उपविधी यात सांगितलेल्या शिक्षेस पात्र रातीन.
- इ) वेळांबेळी आमलात असणा-या संस्थेच्या उपविधी नियमाप्रमाणे वागण्याचे व सबर उपविधी अन्यये सर्व प्रकारे बोधला जाण्याचे मी कबूल करतो.
- वरीत पैकी कोणतीही अट मी मोडली आहे असे संस्थेच्या समितीस बाटल्यास माझ्याकडे असलेले कर्जाची व्याजासह एकूण बाकी या कर्जरोख्यातील मुबतीपुर्वी एकवम बसुल करून घेणेचा संस्थेस पुणे अधिकार आहे.
- ८) वाशियाय मी असेती कबूल करतो की, वरील सर्व अटीलब्ये काहीही नमुब केले असले तरी व्यवस्थापक समितीच्या मते विशिष्ट परिस्थीती निर्माण झाली आहे तसे समीतीस बाटल्यास माझेकडील कर्ज वसुलीसाठी माझ्या मातकीच्या आणि खंडाने केलेल्या अशा सर्व जिमिनीतील पिकाचा ताबा घेण्याचा व्यवस्थापक समितीस अगर तिने अधिकार विलेल्या इसमास अधिकार राहिल व तसा ताबा घेता येईल.त्यास मी कसलीही हरकत करणार नाही आणि संस्थेचे पोटनियमाप्रमाने सर्व बावतीत वागणेस मी व माझे बारस स्थावर जंगम इस्टेट कर्जास बांचले गेलो आहोत.
- ्) माझे पीक स्वतःचे नावे माझे संबंधीत वारसाचे नांवे अगर बुस-याच्या नांवे साखर कारखाना वा खाजगी व्यापा-याकडे विक्रीस लावलेचे कळलेस आमचे परस्पर कर्जे व्याजासर वसून करणेचे अधिकार वेत आहोत.

कर्जदाराचे नाव	कर्जदाराची सही.
१) ८९५ - भरत कृष्णा निकम	

आन्ती उन्नयंता व प्रत्येकपण वर निर्विष्ट केलेल्या संस्थेत तिच्या पोटनियमास वरील करारास अनुस्कन वर विलेल्या परत फेडीच्या तारखेस किंवा संस्थेने योग्य रीतीने बाढवून विलेल्या परत फेडीच्या मुनतीत कर्ज रोख्यात नमून केलेल्या कर्जाची वरील कराराप्रमाणे व्याजासत परत्येकड करण्याची जवाबवारी अंगावर घेतली आहे. याप्रमाणे कर्जवाराकबून सबर कर्जाची परत्येकड न झालेस ते सर्व व्याजासत फेडण्याचे आनी उन्नयंता व प्रत्येकजण कबूल करतो. तसेच कर्जवाराकडीत सर्व कर्ज व्याजासत आनंचे साखर कारखाना विलातून अगर शेतीमालातून मार्केट कर्मीटीकबून वसूल कन्नन घेणेचा अधिकार संस्थेस वेत आहे.

जामिनदारांची नावे		जामिनदाराच्या सह्या
१) ८९५- आकाराम तुकाराम मोळे	9)	
२) ८९५- आकाराम सखाराम पाटील	₹)	
सवरचा कर्ज रोखा कर्जवार व जामिनवार यांच्या सही साक्षी	निशी पुरा झाला आहे.	तारीख १४/०५/२०२१
सचिव		सभापती
श्री विष्टल वि.का.स.(विकास) सेवा.सोसायटी मर्या. यवलुः ता.पन्	गला जि.कोल्हापूर	

कर्ज मागणी अर्ज

ता.पन्हाला ,जि.कोल्हापुर.

नी खाली सही करणार श्री/सी. भरत कृष्णा निकम रा.ता - पन्हाळा जि - कोल्हापूर , ता.पन्हाला, जि.कोल्हापूर.

मी संस्थेचा समासव असून सन ते सालाकरिता नमूव केल्याप्रमाणे **मेंबर ऊस कर्ज** कर्ज घेत आहे.

र्जाद्वारे कर्ज मागणी ९४५०० /- अक्षरी रूपये फक्तचौ-यांण्णव हजार पाचशे

मागणी करीत आहे व कर्ज रोख्यात विलेत्या तपशिलाप्रमाणे कर्ज़रूड करण्यास मी कबूल केले आहे. तरी मला संस्थेकडून कर्ज मंजूर जावे ही विनंती ककावे

मे. चेअरमनसी / सचिवसी .

श्री विद्वल वि.का.स.(विकास) सेवा.सोसायटी मर्या. यवलुज

हमी पत्र

यांना-

मी खातील सती करणार श्रीश्ती. भरत कृष्णा निकप रा. ता - पन्हाळा जि - कोल्हापुर हमी पत्र लिहुन वेतो की, मला संस्थेकबून / बैंककबून / हंगामसाठी गट मं. मधील मंजूर झालेल्या मालरूप रक्कमेतून आडसाती / सुरू / खोडवा क्षेत्र एकर गुठे ऊस पिकासाठी / मालारूप / बियाणे / पाणीपट्टी वासाठी मी माझे स्वतःचे मालकीचे बियाणे व पाणी यांचा वापर केला आहे. तरी त्यासाठी वित्या जाणायी कर्जाची रक्कम रूपये मला रोख मिळावी म्हणून हे हमी पत्र सिहुन वेत आहे.

चेशरमन

आपला विश्वास् सभासव

सनी

ग्रेकेटरी

श्री विञ्चल वि.का.स.(विकास) सेवा.सोसायटी मर्या. यवलुः ता.पन्हाला जि.कोल्हापूर

वचन विष्ठी विनांक : ३५/०३/२०२२

मी श्री/सी.भरत कृष्णा निकम रा.वा - पन्हाळा जि - कोल्हापूर, ता.पन्हाला, जि.कोल्हापूर. श्री बिहल बि.का.स.(बिकास) सेवा.सोसायटी मर्या. यबलुा.पन्हाला जि.कोल्हापूर

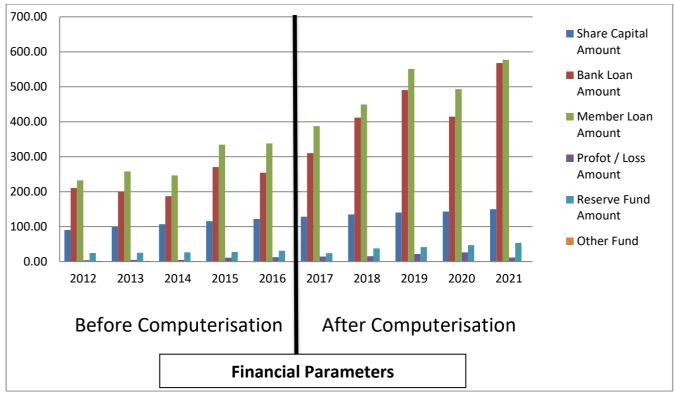
यांस छगर ती तिसून नेईन त्यास आसी कजीक घेतलेली रक्कम क. १४५०० ( अझरी रुपये ची-यांष्णव हजार पाचरीं) त.सा.त.रोकडा ६ % प्रमाणे व्याजासक आजपासुन विनांक ३५०३/२०२३ तारखे छखेर महिन्यानंतर परत वेण्याचे वचन वेती.

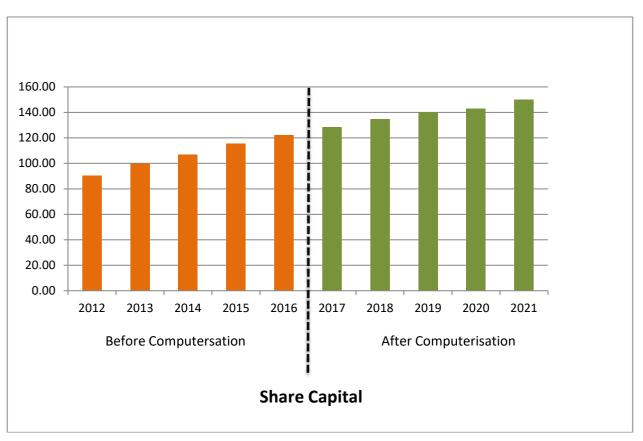
वरील माहिती आमचे माहितीप्रमाणे बरोबर आहे.

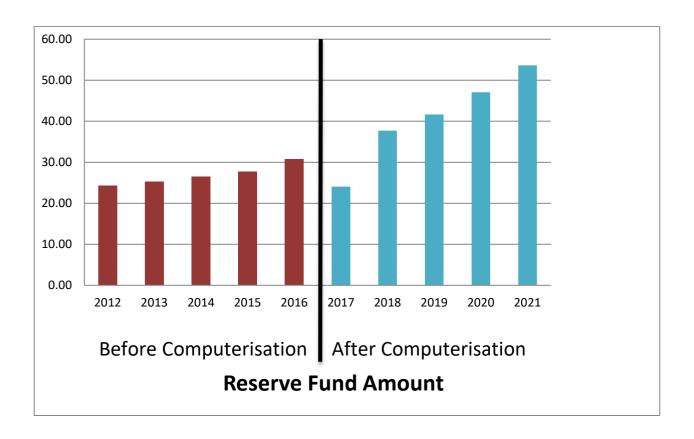
सही

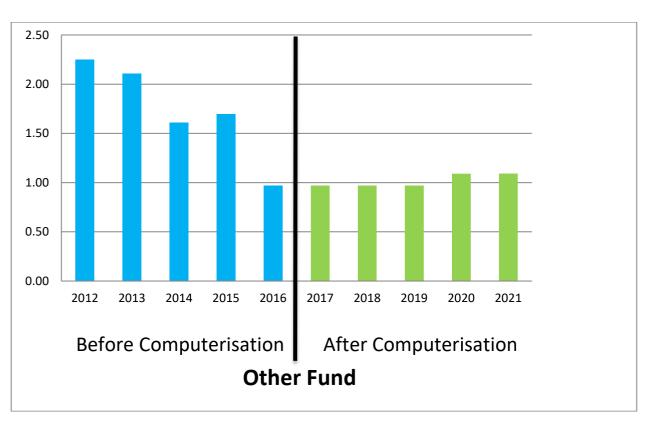
## 10. Data Analysis and Interpretations Using Various Charts & Graphs

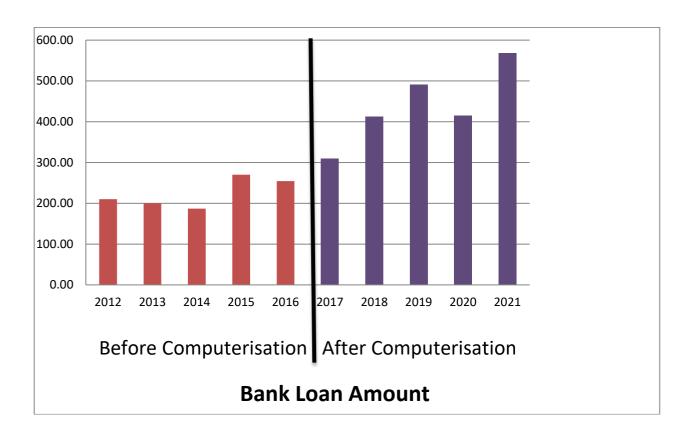
X axis- Years
Y axis- Rs. In Crore

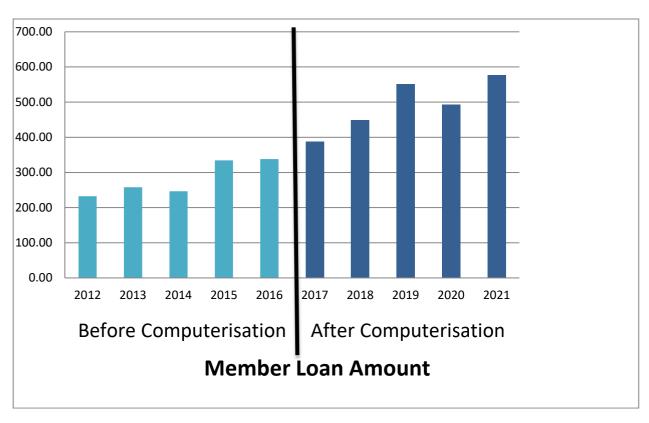


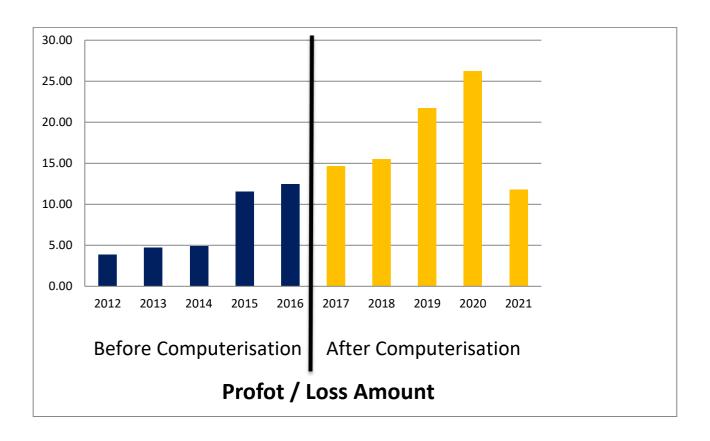












## 10.1 Quantitative and Qualitative Data Analysis

- ➤ Quantitative:- 1) Increased in membership, loan amount, share capital, profit
  - 2) Interest calculation can be done accurately though the software/system.
  - 3)Preparing interest subvention claim is easily possible with different parameters without any mistakes.
- ➤ Qualitative:- 1) Improved Customer Service
  - 2) Maintained the accuracy in the accounting
  - 3) Various facilities are available like SMS, Reports, Share Certificates, Recovery Certificates, Debentures
  - 4) Overcome the manual work

## 11. Findings

#### A. Benefits to Society Members after PACS Computerizations

- 1. In the institutions with handwritten records, the society members could not immediately get the updated information of their share deposit and loan account. Due to computerization, this information can be given to the society members instantly and accurately, thus increasing the credibility of the member organization.
- 2. Interest was levied at the time of manual withdrawal of interest on loan and deposit account. Computerization provides accurate interest rates and the effect of changing interest rates from time to time is credited to the loan account.
- 3.Statement of deposit and loan accounts is easily available to society members.
- 4. Society members can get their deposit and loan account status as well as recoverable amount by SMS to their register mobile number.
- 5. Due to computerization, the society members gets loan in time as the short and term loan approval process is fast.
- 6. Due to computerization enough time can be given to the society members so that all the services of the PACS can be informed to the members so that the member can avail all the services of the PACS.

#### **B.** Benefits to the Society after PACS Computerizations

- 1. In society with handwritten records, the same transaction has to be recorded in different books, so a lot of time is wasted and wrong entry is made in a book e.g. If a member wants to distribute crop loan, he has to register in more than eleven books, e.g. Debt, Debt Register, Debt Account, Account Deposit Account, Daily, General Ledger & Balance
- 2. As it takes time to write a handwritten file, any information is delayed and the information is presented incorrectly. Due to computerization, this information can be submitted immediately.
- 3. At present, as the same secretary is in charge of more than one society, it takes more time to write the records manually, so the members of the

Society do not get timely loan supply and also do not get many types of information required by district bank and government.

- 4. Laon disbursement adversely affects loan recovery in society that maintains handwritten records.
- 5. District Co-operative Bank Accounts as well as State and Central Government have to submit different types of information. Due to computerization, such information can be submitted immediately, Hence save the time.
- 6. It takes a long time to understand the profit and loss and balance sheet status of society which keeps a handwritten record. Therefore, management cannot submit sufficient and accurate information in time.
- 7. More reports are available from computerized society as all information can get with single click.
- 8. Since the society is computerized, there is less political interference in the work, for example, raising or lowering interest charges, depositing wrong checks, etc.
- 9. Computerization has reduced the work stress on the employees and increased the enthusiasm to work
- 10. With the introduction of non-credit computerization in the credit system of the society, it has become easier to provide services to the members. For example, Fertilizer Department, Sugar Department, Ration Department, etc. The managers of this department are different when doing business, so the secretaries had to work hard to coordinate and control the affairs of this department, but computerization has made it easier for the chief secretary to control the affairs.
- 11. The audit of the society is being done in a transparent manner
- 12. As per the Vaidyanathan Committee (CAS) recommendations made by the government to the development service society, the computerization of the records becomes perfect and accurate.
- 13. Economic growth of the organization due to computerization has made social profit by providing time service to society members.

## C. Benefits to District Banks after PACS Computerizations

- 1. Due to computerization the bank to receive accurate and instant information from the society.
- 2. Loans can be disbursed to societymembers with less time.
- 3. The security of a bank loan can be verified immediately
- 4. The aggregation of all the information is immediate so that the information can be submitted to the headquarters and the government in time, thus saving manpower.
- D. All PACS should be attached with Bank's CBS though the interface
- E. PACS can also give the digital services like Mobile Banking, Internet Banking to their members.

# 12. Bibliography

- ➤ Vaidyanathan Committee Report
- ➤ NABARD'S PACS Computerization Concept Notes
- AGM reports & software of Shree Vitthal Vividh Karyakari Sahakari(Vikas) Seva Sanstha Maryadit, Yavaluj