Shri Shivaji Education Society, Amravati's

Jijamata Mahavidyalaya, Buldhana

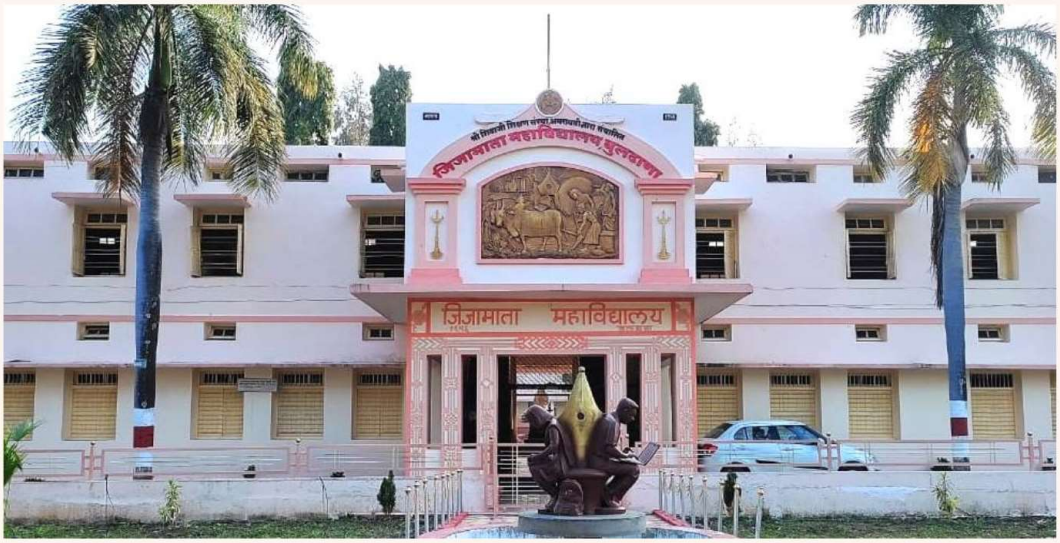
Chikhali Road, Buldhana - 443 001

NAAC Reaccredited with 'B' Grade - CGPA 2.88 (2013-18)

Affiliated to

Sant Gadge Baba Amravati University, Amravati

Website: www.jmvbuldhana.ac.in



SELF STUDY REPORT

FOR

NAAC REACCREDITATION 'CYCLE 3'

Shri Shivaji Education Society, Amravati's

Jijamata Mahavidyalaya, Buldhana

SELF STUDY REPORT

CRITERION - III

Research, Innovations and Extension

3.1 QnM

Resource Mobilization for Research

****

3.1.1.1 QnM

Grants received from Government and non-governmental agencies for research projects / endowments (INR in Lakhs) (last 5 years)

Resource Mobilization for Research

Index

Shri Shivaji Education Society, Amravati's
JIJAMATA MAHAVIDYALAYA, BULDHANA
CHIKHLI ROAD, BULDHANA -443001
NAAC Reaccredited 'B' (CGPA 2.88) 2013-18
Website: www.jmvbuldhana.ac.in
E-mail : principaljmvbuldana@gmail.com

Dr. Panjabrao Deshmukh
Founder President

Hon'ble Shri Harshvardhan P. Deshmukh
President
Shri Shivaji Education Society, Amravati

आज़ादी का अमृत महोत्सव

Capt. Dr. Prashant P. Kothe
Principal
Mobile No. 9822461416

JMVBLD/2022-23 Date: 15/11/2022

Declaration

This is to declare that the information, reports, true copies, numerical data etc. furnished in this file as supporting documents are verified by the Internal Quality Assurance Cell and found correct.

Subodh N. Chinchole
(IQAC Coordinator)
Coordinator
I.Q.A.C.
Jijamata Mahavidyalaya
Buld 443001

Dr. Prashant P. Kothe
(Principal)
Principal
Jijamata Mahavidyalaya,
Buldana

Jijamata Mahavidyalaya Buldana

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments in the institution during the last five years (INR in Lakhs)

Name of the research project/ endowment	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (In Lakhs)	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Production & Optimization of a commercially viable alkaline protease from Haloalkaliphiles	Dr. V. M. Hemke	Zoology	Aug. 2015	4.50	20.03.2015 to 02.08.2018	UGC WRO	Government
To Synthesize and study the structural, Electrical and Magnetic Properties", F. No. 47-1238/09 (WRO)	Mrs. S. S. Nimje	Physics	Sep. 2009	1.70	17.09.2009 to 01.09.2017	UGC WRO	Government
A critical study of the economic and social work of women's Saving group in Khamgaon a Tehsil	Dr. S .N. Gawai	Commerce	Feb 2009	0.40	02.09.2009 to 26.02.2020	UGC WRO	Government

1. Dr. Vijayshri M. Hemke

ज्ञान-विज्ञान विमुक्तये

सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
मानव संसाधन विकास मंत्रालय, भारत सरकार
Ministry of Human Resource Development, Govt. of India
पश्चिम विभागीय कार्यालय गणेशखिंड,पुणे- ४११००७
Western Regional Office, Ganeshkhind, Pune – 411007.

Ph: 020 – 25696897,,Fax: 020 – 25691477
Website- www.ugc.ac.in
Email: mrpugcwro@gmail.com

F. No. 47-927/14 (WRO) Dated: July 2019

0 2 AUG 2019

THE PRINCIPAL,
JIJAMATA MAHAVIDYALAYA,
CHIKHALI ROAD,
BULDANA, PIN- 443001.

Subject: NOC/ finalization of Minor Research Project awarded to Dr. Hemke V. M in the Subject of Zoology.

Sir/Madam,

Please refer to your letter no. Nil dated Nil, regarding the Minor Research Project awarded to Dr. Hemke V. M in the subject of "Zoology". I am to inform you that the account of Minor Research Project titled "Production and optimization of a commercially viable alkaline protease form haloakaliphiles" sanctioned by the UGC (WRO), may be treated as finalized and settled as per final report /utilization certificates submitted by the College

Heads	UGC Allocation	I[st] & II[nd] Inst. Grants already released	Total Exp. Incurred (as reported by College)	Grants proposed to be released as **Final** Inst/ Adjustment
Non-Rec:				
Books/ Journals	10000	10000	10171	0
Equipment	230000	230000	230119	0
Total- I	**240000**	**240000**	**240290**	**0**
Rec:				
Contingency	50000	25000	55680	25000
Special Needs	40000	20000	38850	18850
Travel	20000	10000	28354	10000
Chemicals	100000	50000	100059	50000
Other	0	0	0	0
Total- II	**210000**	**105000**	**222943**	**103850**
All Total I & II	**450000**	**345000**	**463233**	**103850***

*As the Audited UC/SE was not submitted within six months from the date of completion of the project. Hence the balance amount is not admissible as per UGC Guidelines. Further, the project has not been completed within the prescribed tenure of the project.

It would be highly appreciated if you kindly submit the Feedback Form enclosed herewith.

Yours faithfully,

(Dr. N. Gopukumar)
Joint Secretary

Encl: As Above

Copy to:
1. DR. HEMKE V. M,
   JIJAMATA MAHAVIDYALAYA, CHIKHALI ROAD BULDANA,
   BULDANA, PIN- 443001.
2. REGISTRAR, SANT GADGE BABA AMRAVATI UNIVERSITY, CAMP AREA, NEAR TAPOVAN GATE, AMRAVATI, PIN-444602.
3. DIRECTOR, HIGHER EDUCATION, CENTRAL BUILDING, NEAR PUNE RAILWAY STATION, PUNE, PIN- 411001.
4. ACCOUNTANT GENERAL, MAHARASHTRA STATE, 101, MAHARSHI KARVE MARG, MUMBAI- 400020
5. GUARD FILE

Jijamata Mahavidyalaya Buldana

2018/19

Principal
Jijamata Mahavidyalaya
Buldana

(Vinod Singh Yadav)
Education Officer

Sr. No.	57
P.T.	NIL

Project Completion Certificate

This is certify that the Minor Research Project entitled," Production and optimization of a commercially viable alkaline Protease from haloalkaliphiles" file No. 47-927/14(WRO)has been completed successfully by Dr. Mrs. V. M. Hemke and submitted the equipments and books to this college.

Principal
Jijamata Mahavidyala
Buldana (M.S.)

Principal
Jijamata Mahavidyalaya
Buldana

Shri Shivaji Education Society, Amravati's
Founder

JIJAMATA MAHAVIDYALAYA, BULDANA

NAAC Re-accredited 'B' Grade with CGPA 2.88

President
Adv. Arun B. Sheikh

Principal
Dr. D. M. Ambhore

Dr. Panjabrao Deshmukh

Chikhali Road, Buldana 443001(Maharashtra) Ph.No. : [07262] 287157 (R), Cell:9422182479
Index No. Junior College : J-04.01.003 Senior College :302

No.:JMVB / 133 / 8 /2017 -2018
Buldana Dated : 16 / 08 /2017

To,

The Joint Secretary

University Grants Commission,

WRO-Pune.

Sub:- Submission of Final Report on Minor Research Project

Ref: File No. 47-927/14(WRO) dated 20/03/2015

Respected Sir,

With respect to the above subject we are here with submitting the **Final Report** on Minor Research Project entitled **"Production and optimization of a commercially viable alkaline Protease from haloalkaliphiles".**

We are submitting the following documents required for the settlement of this Minor Research Project.

1. Statement of expenditure (Audited by CA)	2. Statement of expenditure incurred on the field work.
3. Utilization Certificate	4. Final Report of Minor Research Project
5. Proforma of Submission	6. Summary
7. Project Completion Report	8. Assets Certificate
9. Accession Certificate	10. Publications

We request you to release the balance amount Rs. 1,05,000 as the second installment of this MRP.

Thanking you.

Principal Investigator

Principal
Jijamata Mahavidyalaya
Buldana

Principal
Principal
Jijamata Mahavidyala
Buldana (M.S.)

Website- www.jmvb.org E-mail:drdmambhore@gmail.com

Annex II

Summary of the findings/ achievement made in the Minor Research Project Completed With Financial Assistance from UGC

Sanction Letter No. file No. 47-927/14(WRO) dated 20-02-2015.

Title of the Project:-

Production and optimization of a commercially viable alkaline Protease from haloalkaliphiles".

With increasing importance on the environmental protection with decreasing pollution, the use of enzymes particularly from extremophiles, gained considerable attention from the last several years. Extremozymes are now-a-day replacing chemical catalyst in manufacturing of chemicals, textiles, pharmaceuticals, paper, food, leather processing and agricultural chemicals since the enzymes prepared with suitable properties with the advent of new knowledge in biotechnology. The Lime and sodium sulphide were used for the removal of hair from leather but presence of these chemicals in tannery waste is responsible for remarkable pollution, causing health hazards to the tannery workers and Lime produces a poisonous sludge while sodium sulphide is highly toxic and has obnoxious odor.

Alkaline protease producing bacteria are of also great importance in detergent and textile industry due to their high thermo stability and pH stability and most important industrial enzymes, accounting for about 60% of total enzyme market. As there is large demand of protease, isolation and production of extremozyme is most important to fulfill this demand. But such types of extremozyme are produced from microorganism which survives in extremophilic environment such as soda lake and alkaline hot springs.

In this project work, study is done on the protease producing bacteria from Lonar Lake.

Target of 1st year was

- To isolate protease producing bacteria by enrichment culture technique.
- Identification of the bacterial isolates.

Target of 2nd year was

- To isolate protease producing bacteria by enrichment culture technique

Principal
Jijamata Mahavidyalaya
Buldana

- Identification of the bacterial isolates.

Different experimentation were performed as

- ✓ Enrichment and isolation of microorganisms
- ✓ Screening of bacterial alkaliphiles
- ✓ Identification of the bacterial culture
- ✓ Statistical analysis was done
- ✓ Preparation of crude enzyme extracts
- ✓ Partial characterization of protease
- ✓ Enzyme Assay
- ✓ Effect of pH on alkaline protease activity
- ✓ Effect of temperature on alkaline protease activity
- ✓ Effect of substrate concentration on alkaline protease activity
- ✓ Effect of enzyme concentration on alkaline protease activity:
- ✓ Enzyme stability in presence of solvents
- ✓ Dehairing potential of proteases:
- ✓ Compatibility with various commercial detergents
- ✓ Destaining efficiency of enzymes.

Results and its discussion illustrated in detail in final report in bound copy. Conclusion of the projects are given in brief here.

The present study was carried out with the purpose of defining proteolytic enzyme from haloalkaliphilic bacterial strain, which were adapted to live at extreme salt and alkaline environments. In our study, the culturable dependent approach was applied to study the protease producing bacteria from Lonar crater. These extreme haloalkaliphiles in general were specialist since them able to survive under alkaliphilic conditions and may be useful for industrial application. The cultivation based methods have a great importance in research, providing the possibility in investigations of biotechnologically significant bacterial isolates under laboratorial stipulation and this work revealed a data for supporting further studies of enzyme producing bacteria from these evidently alkaliphilic habitats. In the present study the physiological and biochemical and 16S rDNA sequencing were used for the identification of bacterial culture were belonging to *Bacillus*. However, the conventional bacterial classification methods based on the

Principal
Jijamata Mahavidyalaya
Buldana

morphology, physiology and biochemical test were time consuming. But at the same time it is necessary for the screening of the bacterial culture to avoid the replicating culture for sequencing and other genetic method for identification of bacteria in future. The optimum pH of *Bacillus cereus* and *Bacillus fimus* protease were found to be 10.5. The enzyme was active between pH ranging from 10-12. The protease from *Bacillus pumilus* was active in a wide pH range with optimum activity at pH 9.5

The optimum activities of *Bacillus pumilus* and *Bacillus* sp. DS3 protease were found at pH 9.5 and 10 respectively with 35 U/mL and 23U/mL. The different characteristics toward the sensitivity to organic solvent, metal ions revealed the unique features of protease. The enzyme described in the present report emphasizing several features like to those found in other protease enzymes, including, the alkaline pH profile and thermal stability closely resembled to features reflected in alkalo-thermophilic organisms. The enzyme revealed excellent stability and compatibility towards detergents. Studies indicated its utility for turmeric stain removal properties. The physical properties of the experimental removal of hair from goat skin revealed effective dehairing of fine hairs within 48 h indicating its eco-friendly nature in dehairing. Effects of metal ions and enhance the activity indicated that the alkaline protease belongs to the family of serine proteases thereby give an opportunity to its biotechnological potential and to take super advantage in leather, detergent and pharmaceuticals industries as an eco-friendly.

Alkaline proteases are of great importance in detergent, textile and leather industry. So this research on production and optimization of alkaline protease is beneficial to all above commercial industries.

Principal
Jijamata Mahavidyalaya
Buldana (M.S.)

Principal Investigator
Dr. Mrs. V. M. Hemke
Dept. of Zoology
Jijamata Mahavidyalaya, Buldana

Principal
Jijamata Mahavidyalaya

2. Prof. Shalini S. Nimje

ज्ञान-विज्ञान विमुक्तये

सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
मानव संसाधन विकास मंत्रालय, भारत सरकार
Ministry of Human Resource Development, Govt. of India
पश्चिम विभागीय कार्यालय गणेशखिंड,पुणे- ४११००७
Western Regional Office, Ganeshkhind, Pune – 411007.
Ph: 020 – 25696897, Fax: 020 – 25691477
Website- www.ugc.ac.in
Email: mrpugcwro@gmail.com

F. No. 47-1238/09(WRO)

Dated: 1 SEP 2017

THE PRINCIPAL,
JIJAMATA MAHAVIDYALAYA, , CHIKHALI ROAD, BULDANA, PIN- 443001.

Subject: NOC/ Completion of Minor Research Project of Prof. Nimje S. S. in Physics.

Sir/Madam,

Please refer to your letter no. 173/15-16 dated 31.08.15, regarding the Minor Research Project awarded to Prof. Nimje S. S. in the subject of "Physics" of your College. I am to inform you that the Minor Research Project titled "To Synthesize and study the structural, Electrical and Magnetic Properties .." sanctioned by the UGC (WRO), may be treated as finalized and settled as per final report /utilization certificates submitted by the College.

	UGC Allocation	Total Grant Released	Total Exp. Incurred
Non-Recurring	120000	120000	120572
Recurring	50000	25000	50375
All Total	170000	145000	170947*

*Audited UC/SE is not submitted within six months from the date of completion of the project. Hence the balance amount is not admissible as per UGC Guidelines.

Yours faithfully,

(Dr. G. Srinivas)
Joint Secretary

29/8/17

Copy to:
1. PROF. NIMJE S. S.
   JIJAMATA MAHAVIDYALAYA, CHIKHALI ROAD, BULDANA, PIN- 443001.
2. DIRECTOR (BCUD), SANT GADGE BABA AMRAVATI UNIVERSITY, CAMP AREA, NEAR TAPOVAN GATE, AMRAVATI, PIN- 443001.
3. DIRECTOR, HIGHER EDUCATION, CENTRAL BUILDING, NEAR PUNE RAILWAY STATION, PUNE, PIN- 411001.
4. GUARD FILE

(Dr. G. Srinivas)
Joint Secretary

Jijamata Mahavidyalaya Buldana

Principal
Jijamata Mahavidyalaya
Buldana

Project Completion Certificate

This is to certify that the Minor Research Project entitled "To Synthesis and study of Stuctural, Electrical & Magnetic properties of Ni^{2+} substituted nanostructured ferrites" file no 47-1238/09(WRO) has been completed by Prof.Mrs. S. S. Nimje and submitted the instruments and books of this MRP to this College.

PRINCIPAL
JIJAMATA MAHAVIDYALAYA,
BULDANA (MAHARASHTRA)

Jijamata Mahavidyalaya • Buldana •

Principal
Jijamata Mahavidyalaya
Buldana

To,

The Under Secretary (FD-III)
University Grants Commission
Bahadur Shah Zafar Marg,
New Delhi – 110 002

UTILIZATION CERTIFICATE

Certified that the grant of Rs.1,70,000/- (One Lacs Seventy Thousand Rupees Only) received from the University Grants Commission under the scheme of support for Minor Research Project entitled "To synthesize and study the structural, Electrical, Magnetic Properties of Ni^{2+} Substituted Nanostructured Ferrites" vide UGC letter No. F.No.47-1238/09 (WRO) Dated 17.11.2009 has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University Grants Commission.

Signature of the Principal Investigator

Principal
Jijamata Mahavidyalaya,
Buldana

Principal
Jijamata Mahavidyalaya
Buldana

MAHESH AGRAWAL AND CO. CHARTERED ACCOUNTANTS, CHIKHLI
Membership No. 156902

UNIVERSITY GRANTS COMMISSION

BAHADUR SHAH ZAFAR MARG

NEW DELHI - 110 002

FINAL REPORT OF THE WORK DONE OF THE PROJECT

1. Project Report No.	- Final
2. Name and address of the Investigator	- Sau. SHALINI S. NIMJE
3. Name and address of Institutaion	- Jijamata Mahavidyalaya Buldana Department of Physics Buldana
4. UGC approval No and Date	- 47-1238/09 (WRO) Dated 17-11-2009
5. Title of Research Projcet	- "To Synthesis & Study of Structural, Electrical & Magnetic Properties of Ni^{2+} Substituted Nano Structured Ferrites"
6. Date of Implementation	- 17-11-2009
7. Total Grant Sanctioned	- Rs.1,70,000/-
8. Total Grand Received	- Rs.1,45,000/-
9. Final Expenditure	- Rs 1,70,947/-
10. Objectives of the Project	- Details in final Progress Report
11. Achievements from the Project	- Details in final Progress Report
12. Any other information	- No

Investigator
SHALINI S. NIMJE
Associate Profes...
Jijamata Mahavid..., ...,
Buldana

Principal
Jijamata Mahavidyalaya
Buldana

Principal
Jijamata Mahavidyalaya,
Buldana.(Maharashtra)

Principal
Jijamata Mahavidyalaya,
Buldana.(Maharashtra)

क्रमांक-जिमम/ 173/2015 -2016
बुलडाणा दिनांक 31/08/2015

To,

Under Secretary,
University Grant Commission
Bahadur Shah Zafar Marg,
New Delhi 110002

Subject :- Submission of Minor Research Project

Respected sir,

According to your reference Letter File No 47-1238/09 (WRO), Dated 17.11.2009 Prof. Sau. S.S.Nimje, Department of Physics have completed her Minor Research Project entitled "To synthesize and study the structural, Electrical, Magnetic Properties of Ni^{2+} Substituted Nanostructured Ferrites" . And hence submitting the copies along with following enclosures.

1) Utilization Certificate
2) Project Completion Report
3) Statement of Expenditure
4) Assets Certificate
5) Accession Certificate
6) Audited Statement
7) Final report of the word done on MRP.

Signature of Principal Investigator
Associate Professor
Jijamata Mahavidyalaya,
Prof. S.S.Nimje
Department of Physics
Associate Professor
Jijamata Mahavidylaya, Buldana

Signature of Principal
Jijamata Mahavidyalaya,
Buldana.(Maharashtra)

Principal
Jijamata Mahavidyalaya,
Buldana.(Maharashtra)

Buldana • Jijamata Mahavidyalaya •

Principal
Jijamata Mahavidyalaya
Buldana

STATEMENT OF EXPENDITURE

Name of Investigator - Sau. SHALINI S. NIMJE

Name and address of Institutaion - Jijamata Mahavidyalaya Buldana

Department of Physics Buldana

Date of Starting of Project - 17-11-2009

Date of completion of project - 30-06-2013

Heads	Sanctioned Amount	Received Amount	Actual Expenditure (Incurred Rs)
Books & Journals	10000/-	10000/-	10038/-
Equipment	1,10,000/-	1,10,000/-	1,10,534/-
Chemicals	30,000/-	15,000/-	30,200/-
Contingencies	15,000/-	7,500/-	15,095/-
Travels	5,000/-	2,500/-	5,080/-
Sp. Needs	00	00	00
Other	00	00	00
Total	**1,70,000/-**	**1,25,000/-**	**1,70,947/-**

Jijamata Mahavidyalaya Buldana (Maharashtra)

Principal

Signature of Original

Investigator

MAHESH AGRAWAL AND CO. Membership No. 156902 CHARTERED ACCOUNTANTS, CHIKHLI

Signature of CA with seal

Principal
Jijamata Mahavidyalaya
Buldana

Name of Investigator :- Sau. Shalini S. Nimje

Minor Research Project :- Department of Physics

Letter no :- 47-1238/09 (WRO) Dated 17-11-2009

Audited Statement of Expenditure

Sr No	Non Recurring grant for Two years	Amount Sanctioned in Rs	Expenditure	Sr No	Recurring grant	1st year amount sanctioned in Rs	2nd Year amount sanctioned in Rs	Total Expenditure
1	Books & Journal	10000/-	10038/-	1	Chemicals	15000/-	15000/-	30200/-
2	Equipment	110000/-	110534/-	2	Contingency	7500/-	7500/-	15095/-
				3	Special Needs	00	00	00
				4	Travel/Field work	2500/-	2500/-	5080/-
				5	Extension Activites	00	00	00
	Total	120000/-	120572/-		Total	25000/-	25000/-	50375/-

Total Amount :- 1,70,947/-

Signature of Principal with seal

Principal
Jijamata Mahavidyalaya
Buldana (Maharashtra)

Jijamata Mahavidyalaya Buldana

Investigator
SHALINI S. NIMJE
Associate Professor
Jijamata Mahavidyalaya
Buldana.

Principal
Jijamata Mahavidyalaya
Buldana

MAHESH AGRAWAL AND CO. Membership No. 156902 CHARTERED ACCOUNTANTS CHIKHLI

Signature with seal

Summary of the MRP

Title :- To synthesis and study the structural, electrical and magnetic properties of Ni^{2+} substituted Nano structured Ferrites.

There are three objectives :-

1) To Synthesis and prepare Nano Structured Ferrites.
2) To study their structural properties and magnetic properties. & Electrical Properties
3) To study To study X-ray diffraction pattern Lattice Parameter, Cation Distribution,

I feel very happy and contended to state that the research study is successfully completed due to my sincere efforts and co-operation.

Ferrites have high electrical resistivity. Ferrites possesses ferimagnetic properties (Fe_3O_4 i.e. magnetic moments of adjancent atoms are antiparallel but of unequal strength. I have confirmed the ferrites are magnetic oxides containing iron oxide as their main component of crystal structure.

Many systems of Ni^{2+} substitute ferrites have synthesized by using co-precipitation method and it has shown the formation of X-ray diffractions photograph and also I have obtained the lattice parameter X-ray density cation distribution.

In the magnetic properties it has confirmed the magnetic moment experimental and theoretical value of magnetic moment are nearly equal.

FTIR studies the cations exchange between A side and B side. The line width decreases with increase in Ni content.

The X-ray diffraction XRD analysis was perform on Siemens diffracto meter by using the $k\alpha$ radiations.

Intensity data was collected over a 2θ range of 20^0-70^0. The average particles size of the prepared Ni^{2+} nano particle was determined to be 23 to 40 Nm from XRD Pattern.

Jijamata Mahavidyalaya Buldana

Principal
Jijamata Mahavidyalaya
Buldana

Ni2+ substituted nano structured ferrites was prepared by using co-precipitation or sol gel method. The X-ray analysis was confirmed the single phase and these nano crystals was characterized by XRD. The Lattice parameter was found to increase linearly with composition Ni. I have also calculated X-ray density cation distribution and also found Nano sized particle. IR spectra of nano structured ferrites system have been anaysed in the frequency range.

In magnetic properties saturation magnetization measurement exhibit collinear ferri magnetic structure for the sample with X=0.2 and magnetic moment i.e. theoretical and calculated are nearly equal and a.c susceptibility of the polycrystalline sample as a function of temperature was measured at room temperature.

In electrical properties the dielectric measurement at room temperature was carried out by two probe method by using LCR Q meter in the frequency range. It can be seen that the dielectric constant decreases as frequency increases and a.c. resistivity also decreases as frequency increases and $tan\Delta$ also decreases with high frequency.

Principal

Principal
Jijamata Mahavidyalaya,
Buldana.(Maharashtra)

SHALINI S. NIMJE
Associate Professor
Jijamata Mahavidyalaya
Buldana.
Principal Investigator

Jijamata Mahavidyalaya Buldana

Principal
Jijamata Mahavidyalaya
Buldana

3. Dr. S. N. Gawai

University Grants Commission
Western Regional Office
Ganeshkhind, Pune – 411007

Phones: (020) 25691477,
25691178, 25696897
Fax: (020) 25691477
Web site: www.ugc.ac.in

File No: 23-1017/09 (WRO)

12 SEP 2009

The Accounts Officer
University Grants Commission
Ganeshkhind, Pune-411007

Subject: Financial assistance to college teachers for undertaking Minor Research Projects – Release of first installment.

Sir,

The UGC on the recommendations of the Expert Committee has approved the Minor Research Project entitled "A critical study of the economic and social work of women's savings group in khamgaon tahsil." in the subject- **Commerce** to be undertaken by Prof. Gawai S.N., **Jijamata Mahavidyalaya, Buldana,Buldana (Vidarbha)- 443001.** The financial assistance of the UGC would be limited to Rs. 40000/- (Rupees Forty thousand Only) for a period of two years. An amount of Rs. 22500/- (Rupees Only) is presently being sanctioned as the first installment.

Non-Recurring Grant for Two years	Amount (Rs)	Recurring grant	1st Year Amount	2nd Year Amount
Books & Journals	5000	Contingency	7500	7500
Equipment	0	Special Needs	0	0
		Travel/Field word	10000	10000
		Chemicals	0	0
		Others	0	0
Total (Rs.)	5000		17500	17500

Total amount for the project: 40000/-

The grant is subject to the terms and conditions as mentioned below.

1. A Certificate of Acceptance of the conditions governing the research project should be sent immediately to this office.
2. The amount of the grant shall be drawn by the Accounts Officer (D.D.O), University Grants Commission on the grant-in-aid bill and shall be disbursed to and credited to the above-mentioned institute through Cheque/D.D.
3. The sanctioned amount is debatable to the major Head 5.3.3. and is valid for payment during the financial year 2009 -2010 only.
4. The grant is subject to adjustment on the basis of Utilization Certificate in prescribed proforma submitted by University/College/Institute.

NOTE:

1. **Date of implementation will be the date of sanction of first installment.**
2. **The researcher is required to submit an Acceptance Certificate of the project in the enclosed format to the affiliating university, which would then be sent to UGC (WRO) in a bunch by the University.**
3. **Please send one copy of the project completion report to Director, INFLIBNET, Gujarat University Campus, Navrangpura, Ahmedabad for record.**

ज्ञान-विज्ञान विमुक्तये

सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
मानव संसाधन विकास मंत्रालय, भारत सरकार
Ministry of Human Resource Development, Govt. of India
पश्चिम विभागीय कार्यालय गणेशखिंड,पुणे- ४११००७
Western Regional Office, Ganeshkhind, Pune – 411007.

Ph: 020 – 25696897, Fax: 020 – 25691477
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F. No. 23-1017/09 (WRO)

28 FEB 2020

February 2020

THE PRINCIPAL,
JIJAMATA MAHAVIDYALAYA,
CHIKHALI ROAD, BULDANA, PIN- 443001.

Subject: NOC/ finalization of Minor Research Project awarded to Prof. Gawai S. N. in the Subject of Commerce.

Sir/Madam,

Please refer to your letter no. 168/15-16 dated 28.08.15, regarding the Minor Research Project awarded to Prof. Gawai S. N. of your College in the subject of "Commerce". I am to inform you that the account of Minor Research Project titled "A critical study of the economic and social work of women's savings group in khamgaon tahsil." sanctioned by the UGC (WRO), may be treated as finalized and settled as per final report /utilization certificates submitted by the College.

Heads	UGC Allocation	I[st] & II[nd] Inst. Grants already released	Total Exp. Incurred (as reported by College)	Inadmissible amount, if any	Grants proposed to be released as Final Inst/ Adjustment
Non-Rec:					
Books/ Journals	5000	5000	5287		0
Equipment	0	0	0		0
Total- I	**5000**	**5000**	**5287**		**0**
Rec:					
Contingency	15000	7500	15117		7500
Special Needs	0	0	0		0
Travel	20000	10000	21120	5720*	5400
Chemicals	0	0	0		0
Other	0	0	0		0
Total- II	**35000**	**17500**	**36237**	**5720**	**12900**
All Total I & II	**40000**	**22500**	**41524**	**5720**	**12900****

* Rs. 5720/- incurred on travelling expenditure etc. is not admissible as per prescribed guidelines.
** As the Audited UC/SE was not submitted within six months from the date of completion of the project.

It would be highly appreciated if you kindly submit the Feedback Form enclosed herewith.

Yours faithfully,

(Dr. R. Manoj Kumar)
Joint Secretary

Encl: As Above

Copy to:

1. PROF. GAWAI S. N.,
   JIJAMATA MAHAVIDYALAYA, CHIKHALI ROAD, BULDANA, PIN- 443001.
2. REGISTRAR, SANT GADGE BABA AMRAVATI UNIVERSITY, CAMP AREA, NEAR TAPOVAN GATE, AMRAVATI, PIN-444602.
3. DIRECTOR, HIGHER EDUCATION, CENTRAL BUILDING, NEAR PUNE RAILWAY STATION, PUNE, PIN- 411001.
4. ACCOUNTANT GENERAL, MAHARASHTRA STATE, 101, MAHARSHI KARVE MARG, MUMBAI- 400020
5. GUARD FILE

(Vinod Singh Yadav)
Education Officer

Sr. No.	396
P.T.	NIL