

**A Project Report On**

**“Synthesis and characterization of Bismuth Ferrite (BFO)  
Prepared by Auto Combustion Method”**

**Submitted To Savitribai Phule Pune University**



**Rayat Shikshan Sanstha's**

**Mahatma Phule Mahavidyalaya, Pimpri, Pune-17**

**By**

**Girish Salunkhe**

**For Partial Fulfillment Of**

**B.Sc. Degree In Physics**

**Under The Guidance Of**

**Pro.Sneha Shewale**

Date: Nov 2023

Place: Pimpri

Roll No:2659

Exam Seat No: 7226

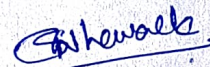


**RAYAT SHIKSHAN SANSTH'S**  
**MAHATMA PHULE MAHAVIDYALAYA, PIMPRI,**  
**PUNE-411017**  
**DEPARTMENT OF PHYSICS**

**CERTIFICATE**


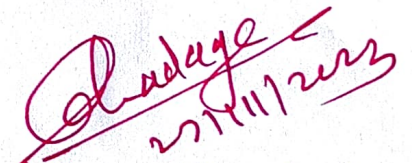
This is to certify that **Mr. Girish Sadashiv Salunkhe** has successfully done his project entitled **Synthesis and characterization of Bismuth Ferrite (BFO) Prepared by Auto Combustion Method** at Rayat Shikshan Sanstha's ,Mahatma Phule College, Pimpri , Pune-17, under the guidance of **Sneha Shewale Mam** for the partial fulfillment of B.Sc. Degree in Physics.

Sneha Shewale

  
(Project Guide)

Pournima kengale

(Internal Examiner)

  
27/11/23  
  
27/11/23  
(External Examiner)

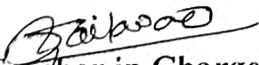
Roll no: 2553

Exam no:



*Rayat Shikshan Sanstha's*  
Mahatma Phule Mahavidyalaya, Pimpri, Pune-17  
**ENVIRONMENT STUDIES**

This is to certify that Paasar Anesh Ankush  
has satisfactorily completed the **Environment Studies**  
**Report** prescribed by the Savitribai Phule University for  
S.Y.B.Sc. in the academic year 2023-24.

  
Teacher in Charge



Academic Year  
2023 - 2024.

Roll No. : 2339

University Examination  
Seat No. : 64944.



Rayat Shikshan Sanstha's

**MAHATMA PHULE MAHAVIDYALAYA**

PIMPRI-WAGHERE, PUNE - 411 017.

## PROJECT

Name : Sayasi Bhaskar Sathe.

Class : F.Y. B.Sc. Div. : -

Roll No. : 2339. Exam No. : 64944.

Subject : Physical Education.

## Application Form For Physical Education Scheme

Name of Student	Sayani Bhaskar Sathe.
Address for Correspondence	Bodda nagar Link road. Behind water filter. PUNE. COLONY.
Class	F.Y. B.S.C.


Section	
Sex	Male / Female
Date of Birth	14/11/2005
Age	18
Blood Group	AB.
Height	5.2.
Weight	45
Game Selected	Badminton

The Student shall have to choose any one sport event as per the available of the infrastructure and equipments in the college. For his / her convenient slot and sport they may have to consult the Director of Physical Education of the college.

I, the undersigned declare that, I shall practice the selected events as per the instructions given by the Director of Physical Education and abide by the rules made thereof. Further, I declare that, I shall not change or switch over to any other event in the mid of the session and appear the final test in the events selected as per the form.

Date: 22/1/24.

Place: .....

  
Signature of the Student



Rayat Shikshan Sanstha's

# MAHATMA PHULE MAHAVIDYALAYA

PIMPRI-WAGHERE, PUNE - 411 017.

## CERTIFICATE

This is to certify that Mr./Ms. Sayani Bhaskar Sathé

Division - and Roll No. : 2389

has satisfactorily completed

project in the subject Physical Education as laid down by

Savitribai Phule Pune University for the academic year 2023-2024

Director

Physical Education & Sports  
Mahatma Phule Mahavidyalaya  
Pimpri-waghere, Pune -17.

Pune.

Date :



Vice Principal / Principal

Co-ordinator

## PROJECT REPORT

University Exam. Seat No. : 64944 Date : 22/4/24

Internal Examiner

External Examiner

**Green synthesis of cobalt and silver nanoparticles from different parts of *Datura stramonium* and check their antimicrobial property against *E. coli* and *K. pneumoniae*.**

A Dissertation Submitted  
To  
The Department of Microbiology  
Rayat Shikshan Santha's  
Mahatma Phule Mahavidyalaya  
Affiliated to  
Savitribai Phule Pune University  
For  
The Degree of Post - Graduation  
By  
Walikar Amena SayyadBadshah

Under the guidance of  
Dr. Sangeeta Ahiwale  
Prof. Shailen Jadhav

**Green synthesis of cobalt and silver nanoparticles from different parts of *Datura stramonium* and check their antimicrobial property against *E. coli* and *K. pneumoniae*.**

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For  
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Under the guidance of  
Dr. Sangeeta Ahiwale  
Prof. Shailen Jadhav





Roll No:3792

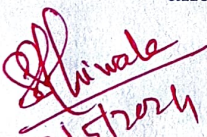
Exam Seat No:701374

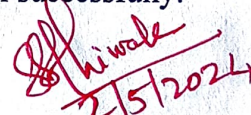
**DEPARTMENT OF MICTO BIOLOGY**

**TO WHOM SO EVER IT MAY CONCERN**

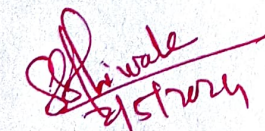
This is to certify that **Ms. Walikar Amena SayyadBadshah** bonafide student of our college, doing her post-graduation in Microbiology (M.Sc.2<sup>nd</sup> year) during the academic year 2023-2024. I have carried out my dissertation under the guidance of Prof. Dr. Sangeeta Ahiwale, & Prof. Shailen Jadhav, Department of Microbiology for the completion of my project work of the final year entitled **“Green synthesis of cobalt and silver nanoparticles from different parts of *Datura stramonium* and check their antimicrobial property against *E. coli* and *K. pneumoniae*”.**

During the fourth semester I undertook variety of experiments on the above topic, which has been done with great care and represents the literature survey and experimental work carried out by them successfully.

  
21/5/2024  
**Guide**

  
21/5/2024  
**HEAD**

**Head of Department**  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-411 017.

  
21/5/2024  
**Internal Examiner**

  
4/5/24  
**External Examiner**



Rayat Shikshan Sanstha's

# MAHATMA PHULE MAHAVIDYALAYA

Pimpri, Pune - 411 017.

Re-accredited by NAAC with 'A' Grade, CGPA : 3.13

## PROJECT REPORT

### Certificate

This is to certify that,

Shri. / Smt. Nimbalkar Dhairyashil Ramesh

of M. Com. Part I has successfully completed Project Report during the second term for the academic year 2023 - 2024 . The project entitled The study of Unit Costing with Reference to Maharashtra State Electricity Distribution Company Limited. is the bonafied work of the student.

He / she has worked under our guidance and the work is found to be complete in all respect.

Date : 07/05/2024

  
Guide





Principal  
Mahatma Phule Mahavidyalaya  
Pimpri, Pune - 411 017.

Internal Examiner

External Examiner





Rayat Shikshan Sanstha's

# MAHATMA PHULE MAHAVIDYALAYA

Pimpri, Pune - 411 017.

Re-accredited by NAAC with 'A' Grade, CGPA : 3.13

## PROJECT REPORT

### Certificate

This is to certify that,

Shri. / Smt. Nar Nath Kalyan Charan

of M. Com. Part II has successfully completed Project Report during the second term for the academic year 2023- 2024. The

project entitled The study of Cost Management

is the bonafied work of the student.

He / she has worked under our guidance and the work is found to be complete in all respect.

Date : 09/05/2024

Guide



Principal

Principal  
Mahatma Phule Mahavidyalaya  
Pimpri, Pune - 411 017.

Internal Examiner

3y

External Examiner



Rayat Shikshan Sanstha's

# MAHATMA PHULE MAHAVIDYALAYA

Pimpri, Pune - 411 017.

Re-accredited by NAAC with 'A' Grade, CGPA : 3.13

## PROJECT REPORT

# Certificate

This is to certify that,

Shri./Smt. Nair Sejal Sajeeran

of M. Com. Part II has successfully completed Project Report during the second term for the academic year 2023 - 2024 . The project entitled Comparative Study of Education Loan Scheme of Central Bank of India and HOEC Bank. is the bonafied work of the student.

He / she has worked under our guidance and the work is found to be complete in all respect.

Date : 07/05/2024

  
Guide





Principal  
Mahatma Phule Mahavidyalaya  
Pimpri, Pune - 411 017.

Internal Examiner

External Examiner



**Priyanka Tayade Rathi & Associates**  
Chartered Accountant

CA Priyanka Tayade Rathi

+91 90110 77988

M capriyankatayaderathi@gmail.com

20/03/2024

To,  
The Principal,  
Mahatma Phule College,  
Pimpri - 03

Subject: Internship Completion Certificate.

Dear Madam/ Sir,

I am happy to inform you that following students of your college have successfully completed the 'Sixty Hours Internship Programme' in this organisation.

Sr. No.	Name of the student	Roll No.	Aadhar No.	Special Subject
1.	Yashraj Balaji Kumar	1921	432727000082	Cost & Work Accounting
2.	Harshad Vishwas Musale	1927	808346076187	Cost & Work Accounting
3.	Vijay Madhukar Harbade	2170	277454616909	Cost & Work Accounting

These students have been provided with adequate exposure and necessary hands-on training pertaining to their special subject.

I am confident that these students will perform effectively in similar type of organisations.

I wish them every success in future endeavors.

Thank you.



Sincerely,

CA Priyanka Tayade Rathi



20

INTERNSHIP PROGRAMME MANUAL

# Janardhan Electricals Works & Suppliers

## Government Contractor

Electrical Contractor, Mfg. Of. Panel, H.T. & L.T. Project Undertaken,  
All Types Of Electrical House Wiring, Industrial Wiring & Maintenance Work

Shree Hou. Soc., Flat No. 101, A-24, Spine Road, Chikhali Mob : 9923632740

Ref. No.

### INTERNSHIP COMPLETION CERTIFICATE

Date : 21/03/2024

To,  
The principal,  
Mahatma Phule College,  
Pimpri (Place)

Subject: Internship Completion Certificate .....

Dear Madam/ Sir,

I am happy to inform you that following students of your college have successfully completed the 'Sixty Hours Internship Programme' in this organization.

Sr. No.	Name of the student	Roll No.	Aadhar No.	Special Subject
1.	Geetanjali samadhan Shinde	2220(41767)	921348499000	Cost and Works Accounting

These students have been provided with adequate exposure and necessary Handson training pertaining to their special subject.

I am confident that these students will perform effectively in similar type of organizations.

I wish them every success in future endeavors.

Thank you.



Sincerely,

Name & Signature

(Authorize Signatory)

# MECHTECH SOLUTIONS

Specialist in All Types of Precision Job Works

Sr.No. 194/5/1, A-7, Gurukrupa Colony Pandav Nagar, Chakrapani Road, Bhosari, Pune  
[INDIA] - 411039

GSTIN NO : 27ADCP15333H1ZR

Mob. : 8657363864 /7996201937



Date:- 04th January, 2024

To,  
The Principal,  
Mahatma Phule Vidhyalay  
Pimpri, Pune - 411017

Subject: Internship Completion Certificate

Dear Sir/Madam,

I am happy to inform you that following students of your college have successfully completed the 'Sixty Hours Internship Programme' in this organisation.

Sr. No.	Name of the student	Roll No.	Aadhar No.	Special Subject
1.	Priya Shivaji Hingane	2171	460996625061	Cost and Work Accounting

These students have been provided with adequate exposure and necessary hands- on training pertaining to their special subject.

I am confident that these students will perform effectively in similar type of organisations.  
I wish them every success in future endeavors.

Thank you.

Sincerely,

For,  
MechTech Solutions

Prakash Ivanagi





# MATHURA CONSTRUCTION

*The Art of Demolition*

Sr. No. 35/1B, Dattnagar, NR Tambe School, Rahatani, Pune – 411017.  
Mob. No. 8806073838, 7066101247, Email ID : nandkumar1433@gmail.com  
PAN : ANQPT2312R, GST No.: 27ANQPT2312R1Z7

INTERNSHIP COMPLETION CERTIFICATE

01/04/2024

To,  
The principal,  
Mahatma Phule College,  
Pimpri (Place)

Subject: Internship Completion Certificate .....

Dear Madam/ Sir,

I am happy to inform you that following students of your college have successfully completed the 'Sixty Hours Internship Programme' in this organization.

Sr. No.	Name of the student	Roll No.	Aadhar No.	Special Subject
1.	Rutuja Janardhan Wallampalle	2234(41784)	8365 4265 1963	Cost and Works Accounting
2.				
3.				

These students have been provided with adequate exposure and necessary Handson training pertaining to their special subject.

I am confident that these students will perform effectively in similar type of organizations.

I wish them every success in future endeavors.

Thank you.

Sincerely,  
  
Name & Signature  
(Authorize signatory)



*Rayat Shikshan Santha's*  
**Mahatma Phule Mahavidyalaya**

**Pimpri, Pune-17**  
**2023-24**

**Internship / Practical Assessment**  
**TYBCOM**

**Sub: - Cost & Works Accounting-II & III**

**Name** : Vijay Madhukar Harbade

**Seat No:** 41609 **Roll No:** 2170

**Class** : **TYBCOM** **Sem** : **VI**

**Signature**  
(Internal Examiner)

**Signature**  
(External Examiner)



1. Name of the Student : Vijay Madhukar Harbade
2. Name of the College : T.Y.B.Com.
3. Division and Roll Number : C (2170)
4. Address : KALEWADI ,TAPKIR NAGAR,  
PIMPRI
5. Contact Number : 9146185781
6. Email ID : vijayharbade@gmail.com
7. Special Subject : Cost And Works Accounting
8. Internship start date : 1<sup>st</sup> JAN
9. Internship end date : 15<sup>th</sup> JAN

**LOG SHEET OF WORK PERFORMED DURING INTERNSHIP**

Date	Time		Total Hours	Details of work done	Signature of officer	Signature of student
	From	To				
1/1/2024	12:00 PM	4:00 PM	4 hrs	Stock taking for the month end Dec 2023 at clients Place.	Shailesh	Vijay
2/1/2024	12:00 PM	4:00 PM	4 hrs	Checking of ERP system at clients Place Eg. Generation of GRN,Entry of RM, Issue to Manufacturing process.	Shailesh	Vijay
3/1/2024	12:00 PM	4:00 PM	4 hrs	Checking of ERP system at clients Place Eg. Generation of GRN,Entry of RM, Issue to Manufacturing process.	Shailesh	Vijay
4/1/2024	12:00 PM	4:00 PM	4 hrs	Checking of ERP system at clients Place like Dispatch of Finished Goods.	Shailesh	Vijay
5/1/2024	12:00 PM	4:00 PM	4 hrs	Checking of ERP system at clients Place like Checking of Quotations, Purchase bills, Transport Cost, Installation Cost.	Shailesh	Vijay
6/1/2024	12:00 PM	4:00 PM	4 hrs	Checking of ERP system at clients Place like Checking of Quotations, Purchase bills, Transport Cost,	Shailesh	Vijay

INTERNSHIP PROGRAMME MANUAL



				Installation Cost		
7/1/2024	12:00 PM	4:00 PM	4 hrs	Checking of ERP system at clients Place like Checking of Quotations, Purchase bills, Transport Cost, Installation Cost	Shailesh	Vijay
8/1/2024	12:00 PM	4:00 PM	4 hrs	Checking of ERP system at clients Place like Sale bills	Shailesh	Vijay
9/1/2024	12:00 PM	4:00 PM	4 hrs	Checking of ERP system at clients Place like Sale bills	Shailesh	Vijay
10/1/2024	12:00 PM	4:00 PM	4 hrs	Checking of ERP system at clients Place like Sale bills	Shailesh	Vijay
11/1/2024	12:00 PM	4:00 PM	4 hrs	Checking of ERP system at clients Place like Sale bills	Shailesh	Vijay
12/1/2024	12:00 PM	4:00 PM	4 hrs	Valuation of WIP, Loading Cost Etc.	Shailesh	Vijay
13/1/2024	12:00 PM	4:00 PM	4 hrs	Valuation of WIP, Loading Cost Etc.	Shailesh	Vijay

14/1/2024	12:00 PM	4:00 PM	4 hrs	Accounting Entries for Purchases,Sales,Expenses.	Shailesh	Vijay
15/1/2024	12:00 PM	4:00 PM	4 hrs	Accounting Entries for Purchases,Sales,Expenses.	Shailesh	Vijay
<b>Total Hours</b>			60 hrs			

Certified that vijay Madhukar harbade has satisfactorily completed the internship programme assigned to him.

Shailesh

Name & Signature of supervisor

Vijay

Name & signature of manager

Name & signature of section in charge



Date :12/04/2024





**Priyanka Tayade Rathi & Associates**  
Chartered Accountant

CA Priyanka Tayade Rathi  
+91 90110 77988  
capriyankatayaderathi@gmail.com

20/03/2024

To,  
The Principal,  
Mahatma Phule College,  
Pimpri - 03

Subject: Internship Completion Certificate.

Dear Madam/ Sir,

I am happy to inform you that following students of your college have successfully completed the 'Sixty Hours Internship Programme' in this organisation.

Sr. No.	Name of the student	Roll No.	Aadhar No.	Special Subject
1.	Yashraj Balaji Kumar	1921	432727000082	Cost & Work Accounting
2.	Harshad Vishwas Musale	1927	808346076187	Cost & Work Accounting
3.	Vijay Madhukar Harbade	2170	277454616909	Cost & Work Accounting

These students have been provided with adequate exposure and necessary hands-on training pertaining to their special subject.

I am confident that these students will perform effectively in similar type of organisations.

I wish them every success in future endeavors.

Thank you.



Sincerely,

CA Priyanka Tayade Rathi



## FEEDBACK FROM INTERNSHIP PROVIDER ORGANISATION

Dear Madam/Sir,  
Please provide your valuable feedback about the performance of the student on following parameters. Your feedback will enable us to make necessary changes in the internship process. Thankyou.  
Coordinator-Internship Programme

### Internship Programme feedback form

Sr.No.	Particulars	Details
1)	Name of the Supervisor/Officer	: Shailesh Salunke
2)	Department	: Purchase , Sales & Row Material
3)	Designation	: Supervisor
4)	Name of the Student	: Yashraj Balaji Kumar
5)	Name of the College	: Mahatma Phule Collage
6)	Roll Number	: 1921
7)	Special Subject	: Cost & Work Accounting

#### Part- A- Individual Ranking (Please tick the suitable checkbox)

No.	Parameter for feedback	Excellent	Very Good	Good	Satisfactory	Needs improvement
1)	Domain Knowledge	✓				
2)	Communication Skills	✓				
3)	Punctuality & Dedication		✓			
4)	Ability to work in teams	✓				
5)	Problem solving skills			✓		
6)	Quality of work done	✓				
7)	Effectiveness		✓			
8)	Efficiency	✓				
9)	Ability to take initiative			✓		
10)	Positive attitude		✓			
11)	Appearance	✓				
12)	Using full potential at work			✓		
13)	Work habits	✓				
14)	Honesty & Integrity		✓			
15)	Creativity	✓				

Please return over

Part B - SWOC analysis of the student (Please mention below the strengths and weaknesses of the student and the areas for improvement)

.....

.....

.....

.....

.....

Part C - Suggestions to make the internship program more productive and effective.

1. Be more confident
2. Be attractive while doing the work
3. focus and dedication toward the work
4. flexibility in the work
5. Supportive in the organisation

Part D - Changes required in the curriculum to improve employability of students.

1. Effective work with dedication should be in the work
2. Open communication toward the new one
3. skill development and technical skill require.
4. clarity toward the work is equivalent.
5. ....

Name, Designation and Signature of the Supervisor / Reviewing

Officer Place of Review:

Date of Review:



### STUDENT FEEDBACK FORM

1. Name of the Student : Yashraj Balaji Kumar  
 2. Class : T.Y.B.Com.  
 3. Division and Roll Number : A (1921)  
 4. Present address : Pimple Gurav  
 5. Contact Number : 9529882246  
 6. Email ID : yashkumar1274@gmail.com

Please provide your rating about following aspects pertaining to your Internship Experience on the scale of 10; where 10 means strongly agree and 0 means do not agree at all.

Sr.No.	Parameter	Response
1.	The pre-internship training provided by the college was very useful	10
2.	I was properly introduced to the task assigned to me in the organisation	9
3.	I was given proper guidance to carry out my responsibility	9
4.	My supervisor/officer was very cooperative and supportive	10
5.	I found my task interesting and worth learning	10
6.	My supervisor/officer addressed to my queries/doubts quickly	10
7.	I received due respect from my colleagues in the organisation	10
8.	The contents of the syllabus match with the practical work	10
9.	The knowledge that I gained in the college was useful to carry out internship program in a satisfactory manner	9
10.	The Internship Program is very useful to enrich my knowledge	8

Please give your suggestions to make the internship program more productive and effective.

1. Be more confident and clear about your work.
2. Focus on multitasking which will improve your knowledge.
3. Planning before the work for smooth functioning of the work.

Please give your overall feedback about your experience during the internship (Not mentioned above).

- To improve Communication skills.
- To learn more than the theoretical knowledge.

Signature & Name of the student with date



Please mention your suggestions and feedback about this manual here.  
You can also mail them to [toy.mithare@gmail.com](mailto:toy.mithare@gmail.com) (Dr. Yashodhan Mithare, Associate Dean,  
Faculty of Commerce & Management, Savitribai Phule Pune University, Pune 411007)

1. It was helpful for future opportunity.
2. It was helpful to create new skills.
3. It was helpful learn new things.
4. It was helpful to develop communication skills.
5. It was helpful to learn different technique of costing.
- 6.
- 7.
- 8.
- 9.
- 10.

\*\*\*\*\*



**Rayat Shikshan Sanstha**

## **MAHATMA PHULE MAHAVIDYALAYA**


Pimpri, Pune-411017.

NAAC Re-accredited: 'A++' Grade

### **DEPARTMENT OF GEOGRAPHY**

Certificate

This is to certify that Shri/Smt./Kum. Pooja Renuka Manthi of S.Y.B.A/T.Y.B.A Seat No. \_\_\_\_\_ has satisfactorily completed his / her practicals in the subject Techniques of Spatial Analysis As laid down by the University of Pune for the academic year 2023-24.

  
20/04/2024

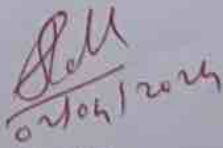
Subject Teacher

  
21/04/2024

External Examiner.

  
21/04/2024

Internal Examiner.

  
20/04/2024

Head of Department

रयत शिक्षण संस्थेचे.

महात्मा फुले कॉलेज, पिंपरी,

पुणे- 411017 .

नाव - ~~पांडे रेणुका माहली~~

वर्ग - TYBA

रोल. नं - 912

विषय - Techniques of Spatial Analysis, Surveying & Excursion

मार्गदर्शक -

~~प्रा. डॉ. शुभदा खोटे मॅडम~~

~~प्रा. डॉ. शैलेश विराजदार सर~~

~~प्रा. संजय नांगरे सर~~

**“SOCIO-ECONOMIC ASSESSMENT OF  
NAGATHALI VILLAGE IN MAVAL TAHASIL  
OF PUNE DISTRICT, MAHARASHTRA”**

**GEO-581:OJT/ FIELD PROJECT**

**SUBMITTED TO,**

**SAVITRIBAI PHULE PUNE**

**UNIVERSITY,**

**RAYAT SHIKSHAN SANSTHA'S,**

**MAHATMA PHULE MAHAVIDYALAYA,**

**PIMPRI, PUNE - 411017.**

**FOR**

**THE DEGREE OF M.A. /M.SC. GEOGRAPHY**

**IN**

**FACULTY OF SCIENCE**

**SUBMITTED BY,**

**Miss. Priti Vishwas Bhalchim**

**UNDER THE GUIDANCE,**


**DR. RAJESH T. BIRAJDAR.**

**Year- 2023-2024**

## DECLARATION

I hereby declare that the Field Project entitled "**Socio-Economic Assessment of Nagathali Village in Maval Tahasil of Pune District, Maharashtra**" completed by and written by me under the supervision **Dr. Rajesh T. Birajdar,**

The present work is not previously been formed as the basis for the award of any degree or other similar title upon me of this or any other university or college or examining body.

  
(Miss. **Priti Vishwas Bhalchim**)  
Research Student  
Department of Geography  
Mahatma Phule Mahavidyalaya,  
Pimpri, Pune-17.

Place: Pimpri, Pune-17.

Date: 07/05/2024



Examination Seat No. 1228.....

**Rayat Shikshan Sanstha's,  
MAHATMA PHULE MAHAVIDYALAYA, PIMPRI,  
PUNE-411017.**

**(ACCREDITED BY NAAC 'A++')**

**DEPARTMENT OF GEOGRAPHY**

**GEO 563 MJP - Practical in Surveying**

**Title of the Report,**

**River Field Visit Report**

**(Year: 2023 - 2024 )**

**M.A/M.Sc. I (SEM - II)**

**SUBMITTED BY,**

Supre Laxman Kisan.....

**UNDER THE GUIDANCE,**

**Mr. Sanjay S. Nangre**



**Rayat Shikshan Sanstha's,  
MAHATHMA PHULE MAHAVIDYALAYA, PIMPRI, PUNE- 17**

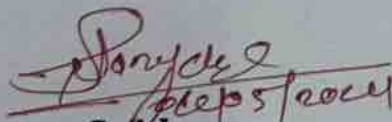
**(ACCREDITED BY NAAC 'A++')**

**Department of Geography**


**YEAR 2023-2024**

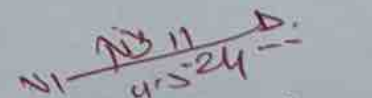
**CERTIFICATE**

Mr. /Miss. Supre Lakshman Kisan of Class (M.A/M.SC.I Geography Semester II) Exam Seat No. 1228.....Roll No. 3609.....Student has completed the Report of GEO 563 MJP – Practical in Surveying. This work was carried out under my supervision.

  
Guide

H.O.D

  
Internal Examiner

  
External Examiner



Rayat Shikshan Santha's  
**Mahatma Phule Mahavidyalaya,**  
**Pimpri Pune 17.**

*Academic Year:*

**2023-2024**

*Subject: Generic Elective Humanities*

◆ **FIRST REPORT** ◆

*Name of the Student:* Gaikwad Shital ulhas

*Seat No:* 827

**Class: TYBA**

**Sem : VI**

**Date: 28<sup>th</sup> March 2024**

**Project Topic: Problems and Solutions of Slum  
Dwellers**

**Teacher Name: Mr. Nangare S. S.**





EXAM NO. \_\_\_\_\_

**Rayat Shikshan Sanstha's,**  
**MAHATMA PHULE MAHAVIDYALAYA, PIMPRI,**  
**PUNE-411017.**  
(ACCREDITED BY NAAC 'A++')

**DEPARTMENT OF GEOGRAPHY**  
**GEO-507 MJP Practical in Human Geography**

**Title of the Report,**  
**“SOCIO-ECONOMIC ASSESSMENT OF JAMBHUL**  
**VILLAGE IN MAVAL TAHSIL OF PUNE DISTRICT,**  
**MAHARASHTRA”**

**( Year:2023-24 )**

**M.A/M.Sc. I (SEM - I)**

**SUBMITTED BY,**  
**Mr./Miss. Pawar Videsh Vasant**

**UNDER THE GUIADANCE,**  
**Dr. Rajesh T. Birajdar**  
**Mr. Sanjay Nangare**



Rayat Shikshan Sanstha's,  
**MAHATHMA PHULE MAHAVIDYALAYA,**  
**PIMPRI, PUNE- 411017**

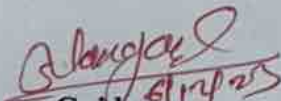
(ACCREDITED BY NAAC 'A++')

Department of Geography


YEAR 2023-2024

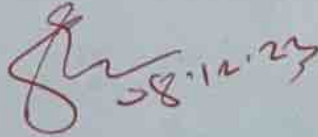
**CERTIFICATE**

Mr. Pawar Videsh Vasant of Class (M.A/M.SC.I Geography. Semester I )  
Exam Seat No. 1256 Roll NO. --- Student has Completed The Report Of GEO-  
507 MJP Practical in Human Geography. This work was carried out under my supervision.

  
Guide 28/12/23

  
H.O.D 28/12/23

  
Internal Examiner

  
28.12.23

External Examiner

नाव - वैष्णवी बबन बनसोडे.

कॉलेज - महात्मा फुले महाविद्यालय  
पिंपरी

वर्ग - S.Y.B.A.

हजेरी क्र - 622

विषय - पर्यावरणशास्त्र

विषय शिक्षक - डॉ. राजेश विराजदार सर

उपक्रमाचा विषय - सौर ऊर्जा

निर्मितीची आवश्यकता

नाव :- वैष्णवी बबन बनसोडे.

:- महात्मा फुले महाविद्यालय  
पुणे - 17

वर्ग :- D.Y. B.A.

क्रमांक :- 622

विषय :- सौर ऊर्जा निर्मिताची -  
(आवश्यकता स्पष्ट करा.)

विषय

शिक्षक :- राजेश विराजदार  
सर.

नाव :- श्रावणी मल्हारी काळमोर.

कॉलेज :- महात्मा फुले महाविद्यालय  
पिंपरी, पुणे - 27.

इयत्ता :- SY·BA.

Roll No :- 599.

विषय :- महाराष्ट्राचा भूगोल.  
मार्गदर्शक :- राजेश विराजदार सर!

महाराष्ट्रातील प्रमुख पिके यांची सविस्तर माहिती लिहा.

प्रस्तावना :- शेती या व्यवसायाचा समावेश प्राथमिक आर्थिक क्रिये-  
शी निगडित असून भारतीय अर्थव्यवस्थेशी तिचा अत्यंत महत्त्वाचा  
संबंध आहे. शेती हा भारतीय अर्थव्यवस्थेचा कणा आहे. अगदी  
अलीकडील काळात औद्योगिक व इतर व्यवसाय यांनी शेतीला  
मागे जरी टाकले असले तरी शेती हा संपूर्ण भारतीयांचा अगदी  
प्राचीन काळापासून आजतागायत आधार आहेत. शेतीच्या क्षेत्रा-  
मुळे भारतातील 50% पेक्षा जास्त लोकांना प्रत्यक्ष व अप्रत्यक्षपणे  
रोजगार उपलब्ध होत आहे. व शेती क्षेत्र देशाच्या अर्थव्यवस्थे-  
मध्ये 25% पेक्षा जास्त हातभार लावते.

महाराष्ट्राच्या अर्थव्यवस्थेत शेतीचे महत्त्व :-

अर्थव्यवस्थेमध्ये शेतीक्षेत्राचे योगदान म्हणजेच शेती ही अर्थव्यव-  
स्थेतील मूलभूत क्षेत्र आहे. कारण जगतिक लोकसंख्येचा विचार  
करता अद्यापही जगातील बहुसंख्या लोक आपल्या उपजीविकेसाठी  
शेती अवलंबून आहेत. मानवाच्या अन्नाची प्राथमिक गरज शेती  
ह्या क्षेत्र पूर्ण करते आणि असंख्य उपभूत उद्योगांना कच्चा माल  
पुरवण्याचे काम शेती क्षेत्रातूनच होते. शेतमालाच्या निर्यातीवर  
अनेक अर्थव्यवस्था अवलंबून असतात. त्यामुळे शेती हाच खरा  
मूलभूत व्यवसाय आहे.

महाराष्ट्र हे राज्य कृषिप्रधान राज्य आहे. 2011 च्या जनगणनेनुसार  
महाराष्ट्रातील 54.8% लोकसंख्या ग्रामीण भागात राहते. महाराष्ट्रा-  
तील 85% लोकसंख्या म्हणजे जवळपास 50% लोक प्रत्यक्ष व अ-  
प्रत्यक्ष शेतीक्षेत्रावर अवलंबून आहेत. राज्यातील 5000 श्रमिकां-  
पैकी कृषिक्षेत्रातील श्रमिकांचे प्रमाण 52.7% इतके आहे. या-  
पैकी शेती शेतकरी (5000 श्रमिकांपैकी 25.4) व शेतमजुरांचे  
(5000 श्रमिकांच्या (27.3%)) इतके प्रमाण आहे.

- i) सन 2013-2014 मध्ये स्थूल राज्यांतर्गत उत्पन्नात कृषी व  
तत्सम क्षेत्राचा हिस्सा 11.3% इतका होता.
- ii) महाराष्ट्रामध्ये स्थानिक शेतीमधूनच बहुतांश अन्नपुरवठा होतो.
- iii) महाराष्ट्रामध्ये अनेक प्रकारच्या कच्च्या मालाचा पुरवठा कृषी