

**“Pd-Co BIMETALLIC NANOPARTICLES SUPPORTED ON  
NANOSTRUCTURED ZnO AS EFFICIENT CATALYST FOR  
SONOGASHIRA REACTIONS UNDER PHOSPHINE-FREE  
AND Cu-FREE CONDITION”**

A PROJECT REPORT SUBMITTED TO

DEPARTMENT OF CHEMISTRY

**R. B. NARAYANRAO BORAWAKE COLLEGE**

**SHRIRAMPUR-413709**

**(Affiliated to Savitribai Phule Pune University, Pune)**

FOR THE AWARD OF DEGREE OF

**MASTER OF SCIENCE (M.Sc.) IN ORGANIC CHEMISTRY**

SUBMITTED BY

**Miss SWATI GAJANAN GHORPADE**

UNDER THE GUIDANCE OF

**Dr. D. B. BANKAR**

**ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY**

**R.B. NARAYANRAO BORAWAKE COLLEGE, SHRIRAMPUR**

**PROJECT WORK CENTRE**

**DEPARTMENT OF CHEMISTRY**

**R.B. NARAYANRAO BORAWAKE COLLEGE, SHRIRAMPUR**

**(ACADEMIC YEAR: 2022-2023)**



Rayat Shikshan Sanstha's  
**R.B. Narayanrao Borawake College, Shrirampur,**  
**Dist. Ahmednagar**

**Department of Chemistry**

**CERTIFICATE**

This is to certify that Miss Swati Gajanan Ghorpade has completed the project work under the guidance of Dr. D.B. Bankar for the partial fulfillment of M.Sc. Organic Chemistry degree for the academic year 2022-23 at the Department of Chemistry, R.B. Narayanrao Borawake College, Shrirampur, 413709 on the topic entitled '**Pd-Co bimetallic nanoparticles supported on nanostructured ZnO as an efficient catalyst for Sonogashira reactions under phosphine-free and Cu-free conditions**'. Such material has been obtained from other sources has been duly acknowledged in the thesis.

**Dr. D. B. Bankar**  
**(Project Supervisor)**  
Assistant Professor  
Department of Chemistry

**Prof. Dr. A. N. Jagdale**  
**(Head of Department)**  
Associate Professor  
Department of Chemistry

Date: 15/05/2023

Place: Shrirampur

(Examiner)

(Examiner)

## DECLARATION BY THE CANDIDATE

I declare that the project report entitled '**Pd-Co bimetallic nanoparticles supported on nanostructured ZnO as an efficient catalyst for Sonogashira reactions under phosphine-free and Cu-free conditions**' submitted by me for the degree of M.Sc. Organic Chemistry is the record of work carried out by me during the academic year 2022-23 under the guidance of **Dr. D.B. Bankar (Project Supervisor)** and has not formed the basis for the award of any degree, diploma, associateship, fellowship, titles in this or any other university or other institution of higher learning.

I further declare that the material obtained from other sources has been duly acknowledged in the project report.

Date: 15/05/2023

Place: Shrirampur



Miss Swati Gajanan Ghorpade  
(Project Student)

M.Sc. II Organic Chemistry  
Department of Chemistry,  
R.B. Narayanrao Borawake  
College, Shrirampur

**“Pd-Co BIMETALLIC NANOPARTICLES SUPPORTED ON  
NANOSTRUCTURED ZnO AS EFFICIENT CATALYST FOR  
SONOGASHIRA REACTIONS UNDER PHOSPHINE-FREE  
AND Cu-FREE CONDITION”**

A PROJECT REPORT SUBMITTED TO

DEPARTMENT OF CHEMISTRY

**R.B.NARAYANRAO BORAWAKE COLLEGE SHRIRAMPUR-  
413709**

**(Affiliated to Savitribai Phule Pune University, Pune)**

FOR THE AWARD OF DEGREE OF

**MASTER OF SCIENCE (M.Sc.) IN ORGANIC CHEMISTRY**

SUBMITTED BY

**Mr.SANDIP ANNA GAIKWAD**

UNDER THE GUIDANCE OF

**Dr. D. B. BANKAR**

**ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY  
R.B.NARAYANRAO BORAWAKE COLLEGE, SHRIRAMPUR**

PROJECT WORK CENTRE

DEPARTMENT OF CHEMISTRY

**R.B.NARAYANRAO BORAWAKE COLLEGE, SHRIRAMPUR  
(ACADEMIC YEAR: 2022-2023)**





Rayat Shikshan Sanstha's  
**R.B. Narayanrao Borawake College, Shrirampur,**  
**Dist. Ahmednagar**

**Department of Chemistry**

**CERTIFICATE**

This is to certify that Mr. Sandip Anna Gaikwad has completed the project work under the guidance of Dr. D.B. Bankar for the partial fulfillment of M.Sc. Organic Chemistry degree for the academic year 2022-23 at the Department of Chemistry, R.B. Narayanrao Borawake College, Shrirampur, 413709 on the topic entitled '**Pd-Co bimetallic nanoparticles supported on nanostructured ZnO as an efficient catalyst for Sonogashira reactions under phosphine-free and Cu-free conditions**'. Such material has been obtained from other sources has been duly acknowledged in the thesis.

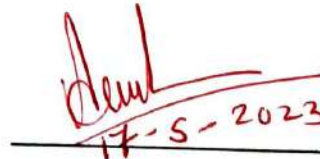
  
**Dr. D. B. Bankar**  
(Project Supervisor)  
Assistant Professor  
Department of Chemistry

  
**Prof. Dr. A. N. Jagdale**  
(Head of Department)  
Associate Professor  
Department of Chemistry

Date: 15/05/2023

Place: Shrirampur

  
17-5-2023  
(Examiner)

  
17-5-2023  
(Examiner)

## DECLARATION BY THE CANDIDATE

I declare that the project report entitled '**Pd-Co bimetallic nanoparticles supported on nanostructured ZnO as an efficient catalyst for Sonogashira reactions under phosphine-free and Cu-free conditions**' submitted by me for the degree of M.Sc. Organic Chemistry is the record of work carried out by me during the academic year 2022-23 under the guidance of **Dr. D.B. Bankar (Project Supervisor)** and has not formed the basis for the award of any degree, diploma, associateship, fellowship, titles in this or any other university or other institution of higher learning.

I further declare that the material obtained from other sources has been duly acknowledged in the project report.



**Date:**

**Place: Shrirampur**

**Mr. Sandip Anna Gaikwad**

**(Project Student)**

M.Sc. II Organic Chemistry  
Department of Chemistry,  
R.B. Narayanrao Borawake College,  
Shrirampur

बेलापुर गावातील कापुस उत्पादक शेतकऱ्यांचे  
कापुस पिकांचे खर्च लाभ विश्लेषण

सावित्रीबाई फुले पुणे विद्यापीठ, पुणे  
मानव्यविद्या शाखा अतंगत

एम. ए. (अर्थशास्त्र) पदवीच्या पूर्ततेसाठी अनिवार्य असलेला व  
सादर केलेला संशोधन प्रकल्प अहवाल

संशोधक

निघाने सोमनाथ दत्तात्रय

(एम. ए. अर्थशास्त्र भाग-2, सेमिस्टर -IV)

रोल नं. ५३२५

परिक्षा क्र. ....

मार्गदर्शक

डॉ. एस. जी. वैद्य

(प्रोफेसर व अर्थशास्त्र विभाग प्रमुख

रा. ब. नारायणराव बोरावके कॉलेज )

अर्थशास्त्र विभाग

रा.ब. नारायणराव बोरावके महाविद्यालय, श्रीरामपूर

शैक्षणिक वर्ष 2022-23

मे 2023

## प्रतिज्ञापत्र

मी प्रतिज्ञापुर्वक असे घोषित करतो की, सावित्रीबाई फुले पुणे विद्यापीठ पुणे यांच्या मानव्य विद्याशाखे अंतर्गत; एम. ए. अर्थशास्त्र पदवीसाठी अनिवार्य संशोधन प्रकल्प अहवाल. बेलापुर गावातील कापूस उत्पादक शेतकऱ्यांचे कापूस पिकांचे खर्च लाम विश्लेषण या विषयावर सादर केला आहे. या संशोधन प्रकल्प अहवालात केलेले संशोधन कार्य मी स्वतःहा केले आहे. डॉ. एस. जी. वैद्य यांच्या मार्गदर्शनाखाली हा संशोधन प्रकल्प अहवाल, प्रत्यक्ष कार्यावर आधारित आहे. या संशोधन प्रकल्प अहवालासाठी वापरलेल्या संदर्भ साहित्याचा निर्देशयोग्य त्या पध्दतीने संदर्भ सूचित केलेला आहे.

स्थळ : श्रीरामपूर

दिनांक : / /

संशोधक

निधाने सोमनाथ दत्तात्रय




## मार्गदर्शकाचे प्रमाणपत्र

प्रमाणित करण्यात येते की, निधाने सोमनाथ दत्तात्रय यांनी बेलापुर गावातील कापूस उत्पादक शेतकऱ्यांचे कापूस पिकांचे खर्च लाभ विश्लेषण हा संशोधन प्रकल्प माझ्या मार्गदर्शनाखाली पुर्ण करून एम. ए. अर्थशास्त्र या पदवीसाठी सादर केला आहे. संशोधकाने अभ्यास विषयाची माहिती मिळवण्यासाठी संदर्भ स्रोताचा योग्य पध्दतीने निर्देश अहवालात केलेला आहे. प्रस्तुत संशोधन प्रकल्प अहवालाचे कार्य समाधनकारक आहे.

ठिकाण : श्रीरामपूर

दिनांक :

  
बाहिःस्त परिक्षक  
Prof. Unde R.

मार्गदर्शक

प्रा. डॉ. एस. जी. वैद्य


  
अंतर्गत परिक्षक

## मार्गदर्शकाचे प्रमाणपत्र

प्रमाणित करण्यात येते की, निधाने सोमनाथ दत्तात्रय यांनी बेलापुर गावातील कापूस उत्पादक शेतकऱ्यांचे कापूस पिकांचे खर्च लाभ विश्लेषण हा संशोधन प्रकल्प माझ्या मार्गदर्शनाखाली पूर्ण करून एम. ए. अर्थशास्त्र या पदवीसाठी सादर केला आहे. संशोधकाने अभ्यास विषयाची माहिती मिळवण्यासाठी संदर्भ स्रोताचा योग्य पध्दतीने निर्देश अहवालात केलेला आहे. प्रस्तुत संशोधन प्रकल्प अहवालाचे कार्य समाधानकारक आहे.

ठिकाण : श्रीरामपूर

दिनांक :

  
बाहिःस्त परिक्षक  
Prof. Vande R.

मार्गदर्शक

प्रा. डॉ. एस. जी. वैद्य

  
अंतर्गत परिक्षक

## अनुक्रमाणिका

अ.नं.	शिर्षक	पान नं.
१	मुख्यपृष्ठ	
२	प्रतिज्ञापत्र	I
३	मार्गदर्शकाचे प्रमाणपत्र	II
४	ऋणनिर्देश	III
<b>प्रकरण १ ले</b>	<b>प्रस्तावना व संशोधन पध्दती</b>	<b>२ ते ५</b>
	१.१ प्रस्तावना	
	१.२ संशोधनाची आवश्यकता	
	१.३ संशोधनाची उद्दिष्ट्ये	
	१.४ संशोधनाची गृहीतके	
	१.५ प्रकरण योजना	
	१.६ माहिती संकलनाचे स्तोत्र	
<b>प्रकरण २ रे</b>	<b>बेलापूर गावाची सर्वसाधारण माहिती</b>	<b>७ ते ९</b>
	२.१ ऐतिहासिक पार्श्वभूमी	
	२.२ भौगोलिक स्थान	
	२.३ गावाची लोकसंख्या	
	२.४ पिक रचना	
	२.५ जल सिंचनाचे स्त्रोत	
	२.६ इतर सोयी सुविधा	
<b>प्रकरण ३ रे</b>	<b>कापूस पिकांची सर्वसाधारण माहिती</b>	<b>१० ते ३८</b>
	३.१ प्रस्तावना	
	३.२ कापूस पिकांचे मूळ स्थान व इतिहास	
	३.३ कापूस पिकांचे महत्त्व	
	३.४ कापुसाची पेरणी	
	३.५ कापूस पिक नियोजन	
	३.६ कापूस पिकासाठी वापरण्यात येणारी रासायनिक खते	
	३.७ कापूस पिकांवरील रोग	

## प्रकरण १ ले

### प्रस्तावना व संशोधन पध्दती

#### १.१ प्रस्तावना :

भारत हा कृषी प्रधान देश आहे. साधारणतः इसवी सन पूर्व ७००० वर्षापूर्वीपासून भारतीय उपखंडात कापसाची शेती केली जाते. याचा पुरावा पाकिस्तानातील मेहरगढ या ठिकाणी झालेल्या उत्खननातून मिळाला. हजारो वर्षापूर्वी प्राचीन भारत, चीन आणि इजिप्तमध्ये कापसाच्या धाग्यांपासून कपडे तयार केले जात.

कापूस हा वनस्पतीपासून मिळणारा आणि सेल्युलोजयुक्त तंतू पूर्वापार मोठ्या प्रमाणात वापरला जाणारा धागा आहे. कापूस हे एक नगदी पीक आहे. कापसाला पाण्याचे आकर्षण आहे. सुती कपडे घातल्यास हाच गुणधर्म घाम टिपून घ्यायला मदत करतो. म्हणूनच उष्ण कटिबंधातील देशात सुती कपडे प्राधान्याने वापरतात. कापूस खूप मऊ असतो. कापसाला पांढरे सोने म्हटल्या जाते. कापसाच्या बियांना सरकी म्हणतात. सरकी हे गुरांचे खाद्य आहे तर सरकीचे तेल स्वयंपाकासाठी वापरायचे एक स्वस्त तेल आहे. या तेलाचा साबणाच्या आणि अन्य व्यवसायांत वापर होतो.

कापसामध्ये जवळपास ९५: सेल्युलोजअसते. कपसाच्या एका नवीन जातीचा शोध लागला आहे नाव आहे सावरी.

मराठी-हिंदीमध्ये कापसाला रुई अस प्रतिशब्द आहे. मात्र रुई या विषारी वनस्पतीचा आणि कापसाचा काही संबंध नाही. असे असले तरी रुईच्या झाडापासूनही एक प्रकारचा अतिशय मऊ कापूस मिळतो, त्याच्या गाद्या-उश्या करतात. रुईच्या झाडापासून निसटलेला हा मऊ कापूस दशदिशांना उधळत असतो.

**A Project Report On**  
**"RBNB NEWS PORTAL "**

**Submitted to**



**SAVITRIBAI PHULE UNIVERSITY**

**For partial fulfilment of**

**Masters Of Computer Science Sem-II**

**Submitted by**

**Miss. Kamble Rutuparna Manoj**

**Mr. Chakranarayan Sarthak Satyawar**

**Guided By**

**DR. B.S. SHINDE**

**In The Academic Year**

**2022-23**



"Education through self help is a motto"-KARMAVEER

**RAYAT SHIKSHAN SANSTHA'S**

**R.B. NARAYANRAO BORAWAKE COLLEGE,**

**Shrirampur Dist- Ahmednagar Pin: 413709**



**Date: 28/04/2023**

# **CERTIFICATE**

## **DEPARTMENT OF COMPUTER SCIENCE**

This is to certify That **Miss. Kamble Rutuparna Manoj** and  
**Mr. Chakranarayan Sarthak Satyawar** of MSC-I (Comp Sci.)

Sem-II has Satisfactorily carried out required project work  
according to the syllabus of **SAVITRIBAI PHULE PUNE UNIVERSITY**  
during the academic year 2022-23. This Project work represents his  
benefited work

Project Guide

Dr. Shinde B.S

Head of Dept

Dr. Shinde B.S

Internal

Examiner

External

Examiner

# INDEX

<b>SR NO</b>	<b>CONTENT</b>	<b>PAGE No.</b>
<b>1</b>	<b>Acknowledgement</b>	<b>3</b>
<b>2</b>	<b>Introduction</b>	<b>4</b>
<b>3</b>	<b>Need Of Computerization</b>	<b>5</b>
<b>4</b>	<b>Development Model</b>	<b>6</b>
<b>5</b>	<b>Normalization</b>	<b>7</b>
<b>6</b>	<b>Software and Hardware Specification</b>	<b>8</b>
<b>7</b>	<b>Data Flow Diagram</b>	<b>9</b>
<b>8</b>	<b>ER Diagram</b>	<b>10</b>
<b>9</b>	<b>UML Diagrams</b>	<b>12-20</b>
<b>10</b>	<b>Screens</b>	<b>21-27</b>
<b>11</b>	<b>Data Dictionary</b>	<b>28</b>
<b>12</b>	<b>Future scope</b>	<b>31</b>
<b>13</b>	<b>Conclusion</b>	<b>32</b>
<b>14</b>	<b>References</b>	<b>33</b>



## R. B. Narayanrao Borawake College

Shrirampur, 413709, Dist-Ahmednagar



# CERTIFICATE

*This is certify that*

*MR SHUBHAM RAMESH LABADE*

*MR SANKET RAMESH BAHIRAT*

*MR SAURABH SANJAY BAHIRAT*

*Of T.Y.B.Sc.(Comp.Sci.)has completed the project entitled as*

### ONLINE JOB PORTAL

*As practical requirement of T.Y.B.Sc.(Comp.Sci.)Lab course II field by Savitribai Phule Pune University of Pune during the year 2022-2023.*

**Project Guide**

**Head of Dept.**

**Internal Examiner**

**External Examiner**



**A PROJECT REPORT**  
**On**

**ONLINE JOB PORTAL**

**Submitted to**



**SAVITRIBAI PHULE UNIVERSITY OF PUNE**

**For partial fulfillment of**

**T.Y.B.SC.(Computer science)**

**Submitted by**

**MR SHUBHAM RAMESH LABADE**

**&**

**MR SANKET RAMESH BAHIRAT**

**MR SAURABH SANJAY BAHIRAT**

**Under the guidance of**

**Prof. Bhawar Sir**

**Department of Computer Science**

**RayatshikshanSanstha's,**

**R.B.NarayanraoBorawakeCollege,Shrirampur.**

**In the**

**Academic Year**

**2022-2023**

## Company Profile

### Organization Profile

**NAME:** Infort Technology Pvt. Ltd.

**LOCATION:** 'Kshipra', Bungalow No.1,

Patrakar Nagar, Senapati Bapat Road,

Pune-411016.

Web- [www.inforttechnology.com](http://www.inforttechnology.com)

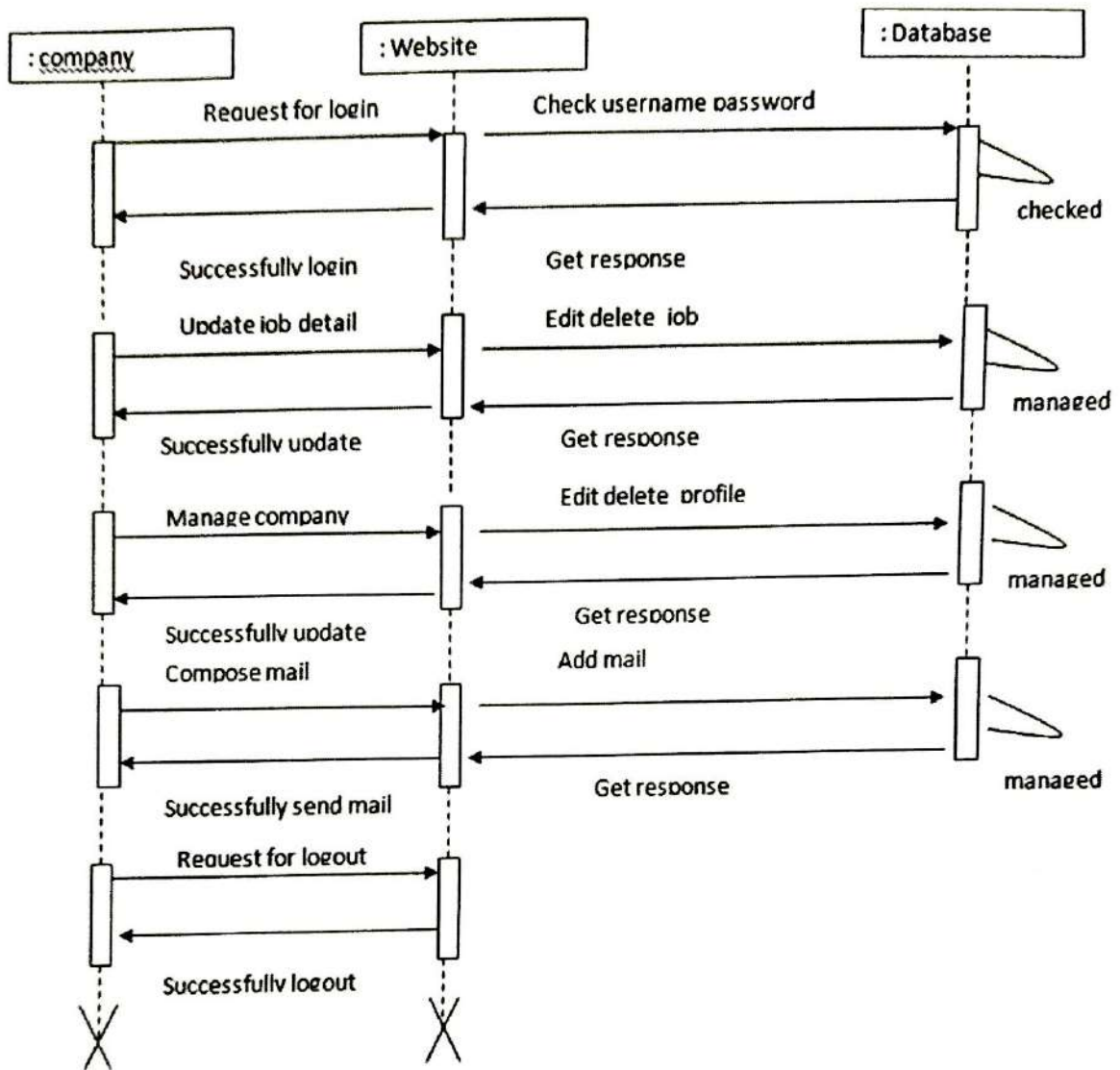
### **ABOUT US:**

The Organization Infort Technology are a small independent company that prides itself on building delightful Software Development, ERP development, website development and corporate training. It possesses not only the latest technology gadgets but also the most knowledgeable and experience hands to offer most user friendly customized solutions.

We are headquartered in Pune, India. The world we live in is changing constantly at a rapid speed. And this change, in turn, is creating a huge demand for better technology solutions. We focus on creating software for environmental data evaluation, including custom solutions for specific needs. We believe in the power of creativity. We take a creative approach to address the needs of a better tomorrow. Our philosophy is to power creative solutions.

### **COMMITMENT:**

# Sequence Diagram: Company



**Rayat Shikshan Sanatha's**  
**RAO BAHADUR NARAYANRAO BORAWAKE COLLEGE,**  
**SHRIRAMPUR, MAHARASHTRA**



**A**  
**Project Report**  
**On**

**"Blood Bank Management System"**

**At**  
**Sonetel software services, Pune**

**By**  
**Miss. Aher Saptma Uddhav**

**In Partial Fulfillment of**  
**MASTER OF COMPUTER SCIENCE (M.Sc.)**  
**SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE**

**2022-2023**

**Rayat Shikshan Sanstha's**

**RAO BAHADUR NARAYANRAO BORAWAKE COLLEGE,  
SHRIRAMPUR, MAHARASHTRA**



**A  
Project Report  
On**

**"Blood Bank Management System"**

**At  
Sonetel software services,Pune**

**By  
Miss. Aher Saptma Uddhav**

**In Partial Fulfillment of  
MASTER OF COMPUTER SCIENCE (M.Sc.)  
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE**

**2022-2023**



## CERTIFICATE OF INTERNSHIP



**Sonetel Software Services Pvt Ltd,**  
Office No. 506, Nucleus, Church Road Opp.  
Pune Police commissioner's office,  
Camp, Pune, Maharashtra 411001

**Date: 01-Feb-2023**

to,

**Miss. Saptma Aher**

R.B.N.B College , Shirampur

**Sub: Letter of Internship from Sonetel Software Services Pvt Ltd.**

We are pleased to inform you that Saptma Aher, student of MSC-Computer Science at R.B.N.B College who is working as an "Intern" with Sonetel Software Services Pvt Ltd. From 1 Feb 2023 has been allocated to our team as part of his internship for the partial fulfillment of MCS course during the period of Feb-2023 to April-2023.

During this period, she is entitled to work under our guidance and complete the internship project. for Sonetel Software Services Private Limited,

**Prasant Pant**  
Director

Rayat Shikshan Sanstha's

Rao Bahadur Narayanrao Borawake College, Shirampur

Department of Computer Science

M.Sc (Computer Science) Sem-IV

Industrial Training Project Progress Report 2022-2023

Name of student	Miss. Aher Saptma Uddhav
Project Title	Blood Bank Management System
Platform	Web Application
Company Name	Sonetel software
Company Mentor Name	Mr. Krishna. S

Sr.No	From Date	To Date	Details of project work	Company project Guide Sign	College Project Guide Sign
1.	5/02/2023	15/02/2023	Requirement Gathering & Analysis	 16/02/2023	
2.	16/02/2023	30/02/2023	Designing	 01/03/2023	
3.	1/03/2023	3/04/2023	Coding	 04/03/2023	
4.	5/04/2023	15/04/2023	Deployment & Implementation	 16/04/2023	
5.	16/04/2023	26/04/2023	Documentation	 27/04/2023	

"Education through self help is our motto"-Karmaver

**Rayat Shikshan Sanstha's**

**R.B. Narayanrao Borawake College, Shrirampur**

**Department of Physics**



*Rayat Shikshan Sanstha's*

**A PROJECT REPORT ON**

**" Generation of electricity  
by using waste materials"**

***Submitted by***

**MISS. BHOSALE RITU  
SUBHASH**

***T.Y.B.Sc.(Physics)***

***Shri.VARTHA SIR***

**PROJECT GUIDE**

**UG Department of Physics,**

**2022-23**



"Education through self help is our motto"-Karmaver

Rayat Shikshan Sanstha's

**R.B.N.B.COLLEGE, SHRIRAMPUR**

Department of Physics



**2022-23**

# **Certificate**

This is to certify that **MIS.BHOSALE RITU SUBHASH**

Satisfactorily carried out required project report, prescribed by the  
SAVITRIBAI PHULE PUNE UNIVERSITY, Pune for the **T.Y.B.Sc.** course

in **PHYSICS** in year **2022-23**



*[Handwritten Signature]*  
13/5/23

Project in-charge

*[Handwritten Signature]*  
13/5/23

External Examiner

*[Handwritten Signature]*  
13/5/23

Head

Department of Physics

# How to Project Work

When we burn waste materials , then heating panels convert heat to electricity and Red LED bulb glowing by electricity for showing electricity power ,After that circuit take electricity and give to battery for Battery Charging , And waste materials burning running in burning box , and there is heating sensor and when heating sensor is heated by heating ,Then Heating sensor turn On the LED bulb, ( Because Heating sensor work as a on/off switch ). After that You can See Full successfully Generating Electricity by Waste Materials.



Education through self help is our motto

**Rayat Shikshan Sanstha's**

**R.B.Narayanrao Borawake College Shrirampur**

**2022- 2023**

**Project Report On**

**"Design and Construction of a  
Remote Control FAN Regulator"**

**Project By**

**Mr. Naik Sagar Pralhad**

**M.Sc.-II (Physics)**

**Under The Guidance**

**Prof.A.S.Mali.**

**Department Of Physics**

**Rayat Shikshan Sanstha's**

**R.B.Naryanrao Borawake College, Shrirampur**

**Department Of Physics**

Batch- B

Roll No- 6981

Exam No- 6981

This is to certify that **Mr. Naik Sagar Pralhad** has satisfactorily Carried out required project report on "**Design and Construction of a Remote Control FAN Regulator**", prescribed by the **SAVITRIBAL PHULE PUNE UNIVERSITY**. For the M.Sc II (Physics) & this Project work completed during the academic year 2022-2023 work under my supervision.


  
16.5.2023  
**Prof. A.S. Mali**

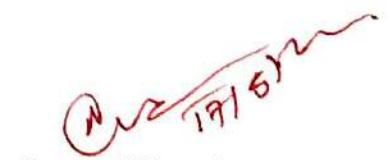
Project guide.

  
**Examiner**

  
**Prof. Vartha A.**

HOD(Physics)

  
16.05.23  
**Internal Examiners**

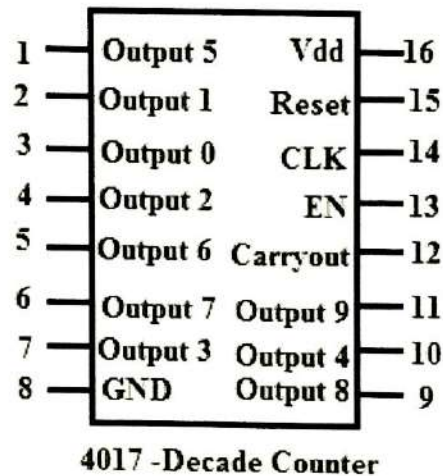
  
19/5/23  
**External Examiners**

## COMPONENT DESCRIPTION

### IC CD4017BE

The CD4017 is a CMOS Decade counter IC. CD4017 is used for low range counting applications. It can count from 0 to 10 (the decade count). The circuit designed by using this ic will save board space and also time required to design the circuit. CD4017 is as 'Johnson 10 stage decade counter.

CD4017 Pin description



### Out pin of cd4017be

- Pins 1 to 7 and 9 to 11 are outputs pins.
- These pins changes to 'high' level one by one (one after another) in a sequence. For each clock signal each pin goes high in a sequence.

### Enable pin/Clock Inhibit (Pin 13)

- Enable pin enables the CD4017 IC. IC is enabled when the pin is active low.
- In order to disable or switch off the IC, this pin should be connected to active high input. When this pin is active high, it ignores the clock signals.

### Clock pin (pin 14)

- Clock signal provided to 14 th is responsible for sequential output.
- When the first clock pulse is detected pin 3 goes, for next clock pulse pin2 goes high,



Rayat Shikshan Sanstha's

**R. B. Narayanrao Borawake College, Shrirampur**

**DEPARTMENT OF STATISTICS**

A Project on,

**"Statistical Analysis of Electricity Consumption Per Household"**

Submitted by:

1. Sayyad Aarshiya Yunus
2. Patil Jyoti Eashwan
3. Dange Gayatri Babasaheb
4. Somvanshi Prajakta Santoshi
5. Chormal Bhakti Sopanrao

Academic Year 2022-2023

## **Introduction:**

Electricity was introduced in Greek. William Gibert, an English physician, physicist and natural philosopher was the first to coin the term "Electricity" derived from the Greek word for amber. The combinations of qualities and quantities act of community or human group's use of resources for survival, need, comfort and enjoyment is called consumption pattern. Consumption pattern is divided into three terms, broader terms include social process, narrow terms include energy demand, energy utilization pattern, water conservation, water demand, water saving, related terms include consumer behavior. When income raises agriculture sector and industrial sector get mechanized which lead to increase in population and consumption of electrification increases in both rural and urban areas. The main reason behind consumption of electricity increases is Indian economy is growing very fast it is due to globalization, modernization and liberalization.

- ❖ **Energy Conservation:** Electricity consumption has a significant impact on the environment as it is often generated from non-renewable sources such as coal and natural gas. By studying electricity consumption patterns we can identify opportunities for energy conservation and reducing our carbon footprint.
- ❖ **Cost saving:** Electricity consumption represents a significant expense for household and business by studying electricity consumption patterns, we can identify ways to reduce energy usage and save money on energy bills.
- ❖ **Infrastructure Planning:** Studying electricity consumption can help utilities and policy makers Plan for future energy infrastructure needs. By analyzing consumption patterns, they can make informed decision about the need for additional power generation and transmission infrastructure.
- ❖ **Smart Grid Development:** The development of smart grid, which gives digital technologies to manage and distribute electricity more efficiently requires detailed understanding of electricity consumption pattern. By studying consumption pattern, we can identify opportunities for optimizing smart grid infrastructure and improving effectiveness.
- ❖ **Consumer Behavior:** Understanding Electricity Consumption patterns can provide insights into consumer behavior and preferences. This information can be used to design more effective energy if efficiency programs and policies.

## Questionnaire

1) Respondence Name:

2) Residential area:

- i) Rural
- ii) Urban

3) Respondent's gender

- i) Male
- ii) Female
- iii) Prefer not to say
- iv) Other:

4) How many members in your house?

5) Type of house:

- i) Own house
- ii) Rented house

6) Do you have electricity supply in your house?

- i) Yes
- ii) No
- iii) Have connection but no electricity yet

7) How many hours a day electricity is usually available?

- i) 6
- ii) 8
- iii) 12
- iv) 24





**“Education through self-help is our motto”-Karmaveer**

**Rayat Shikshan Sanstha”s**

**R. B. Narayanrao Borawake College, Shrirampur**

**A Project Report**

**on**

**Renuka Herbal Industry**

**Submitted to**

**Department of English**

**As a part of**

**T.Y.B.A. Functional English- VI**

**(Vocational Course)**

**Academic Year**

**2022-2023**

## **Declaration by the Student**

We undersigned hereby declare that this project work entitled "Renuka Herbal Industry", as a part of functional English, is completed under the guidance and supervision of S. L. Divekar. Any work or references cited in this project are duly acknowledged. It is further to cite that the work is not submitted anywhere for any examination or other purpose.

  
**Mr. Shaikh Ayan Jainulabeddin**

  
**Mr. Pathan Fardinkhan Firozkhan**

## INTRODUCTION TO ENTRRRPRENEUR

Name : Mr. Machindra Patare

Qualification : B.A.

Date Of Birth : 09/12/1980

Age : 41

Gender : Male Mobile

No. : 9226270517



नाव : आमृपाली रामलाल चाबुकस्वार

वर्ग : T.Y. B.A

विषय : उपयोजित इतिहास (8-3) से. = ७

प्रकल्पचे नाव : ऐतिहासिक वास्तु संशोधन

रोल नं : 4965

प्रकल्प विषय शिक्षक : एम. पी. खिलारी सर

$\frac{18}{20}$

*Shelun S*

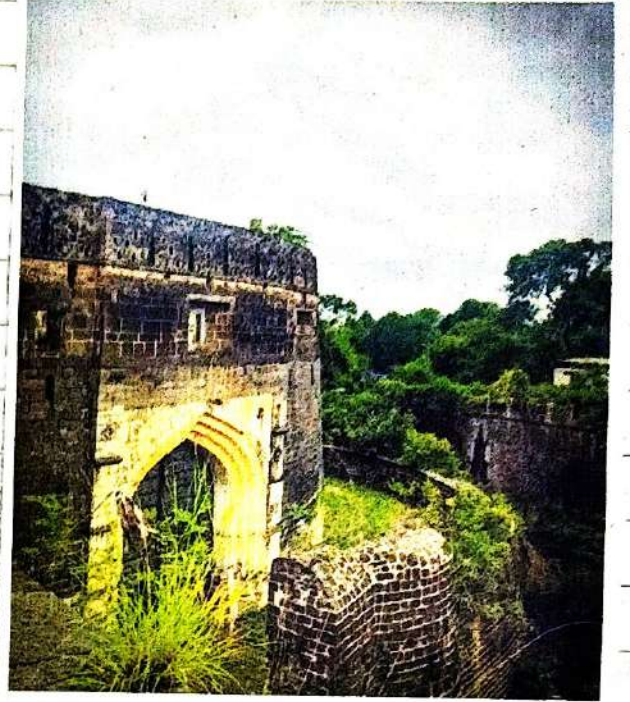
# अनुक्रमिका

DATE		PRICE NO.

अ.क्र	घटक	दिनांक	पान नं	मार्क्स
①	प्रस्तावना	29/04/23	9	
②	विषयचे महत्त्व	29/04/23	2	
③	प्रकल्पाची उद्दिष्ट्ये	29/04/23	3	
④	प्रकल्प कार्यपद्धती	29/04/23	4	
⑤	ऐतिहासिक महत्त्व	29/04/23	5	
⑥	ऐतिहासिक स्थळांच्या भेटिचा रेटू	29/04/23	6	
⑦	ऐतिहासिक स्थळांना भेट दिलेल्या ठिकाणे व त्याबद्दल माहिती.	29/04/23	7	
⑧	पर्यावरणीय मुद्दये	29/04/23	10	
⑨	निरिक्षणे	29/04/23	13	
⑩	विश्लेषण	29/04/23	14	
⑪	निष्कर्ष	29/04/23	17	
⑫	संदर्भ	29/04/23	19	
⑬	प्रकल्प अहवाल	29/04/23	20	

# भुईकोट किल्ला

DATE \_\_\_\_\_  
PAGE NO. \_\_\_\_\_



स्थापना	इ. सन 1553
नाव	भुईकोट किल्ला, अहमदनगर
उंची	657 मी.
प्रकार	भुईकोट
चढाई क्षेत्री	सोपा
ठिकाण	अहमदनगर जिल्हा, महाराष्ट्र राज्य
उगारसंस्था	भुईकोट किल्ला
सध्याची स्थिती	चांगली

**PRACTICUM [EP- 604]**

**CASE STUDIES**

**Submitted to the  
Department Of Psychology**

**R. B. Narayanrao Borawake College, Shrirampur**

**As A Partial Fulfillment of M.A.-II (Sem.-IV) [Clinical Psychology]**

**Course, Year 2022-2023**

**To the Savitribai Phule Pune University, Pune**



**Submitted By  
Wagh Monali Raju**

**Under The Guidance of  
Dr. Gaikwad Santosh Bhikaji  
(M.A., M.Phil, Ph.D.,SET)**

**Head,  
Department of Psychology  
R. B. Narayanrao Borawake College, Shrirampur  
Dist. Ahmednagar**

**PRACTICUM [EP-604]  
CASE STUDIES**  
Submitted to the  
**Department of Psychology**  
**R.B. Narayanrao Borawake College, Shrirampur**  
As a Partial Fulfill  
Course, Year 2022-23  
To the Savitribai Phule Pune University, Pune



Submitted By  
**Wagh Monali Raju**  
Under The Guidance of  
**Dr. Gaikwad Santosh Bhikaji**  
(M.A., M.Phil., Ph.D., SET)  
Head,  
Department of Psychology  
**R.B. Narayanrao Borawake college, Shrirampur, Dist-Ahmednagar**



Seat No. 5438

Rayat Shikshan Sanstha's  
R.B. Narayanrao Borawake College, Shrirampur.  
Ahmednagar

DEPARTMENT OF PSYCHOLOGY



Rayat Shikshan Sanstha

CERTIFICATE

This is to certify that Wagh Monali Raju of M.A.-II (SEM.IV) has satisfactory carried out the required Practicum (EP-604) as laid down by the Savitribai Phule Pune University, Pune for the academic Year 2022-2023.

Date: 11/5/2023

Practical Incharge

Internal Examiner



Head of Department

11/5/2025

Dr. Abhay. S. Shaligram  
External Examiner

## व्यक्ती इतिहास अभ्यास

केंद्र :  
डी.इ. ओ. :

सेवार्थ नोंदणी क्र. :  
मासिक आय :

### Bipolar Disorder

#### ➤ व्यक्ती ओळख :

संपूर्ण नाव : बी. एम. जी.

वय : ४०

लिंग : पुरुष

जन्म क्रम : २

वैवाहिक स्थिती : विवाहित

शिक्षण : बी. ए. बी. एड.

पत्ता : यडगाव

राष्ट्रीयत्व : भारतीय

धर्म : हिंदू

जात : चांभार

व्यवसाय : शिक्षक

कुटुंबातील एकूण सदस्य : ४

सामाजिक आर्थिक स्थिती : मध्यम

माहिती देणारी व्यक्ती : पत्नी

सल्लार्थीच्या कुटुंबियांकडून पाठवण्यात आले

माहिती देणारी व्यक्ती व त्यातील यथार्थता:

सल्लार्थी विषयी माहिती देणारी व्यक्ती सल्लार्थीची पत्नी आहे. त्यांनी दिलेली माहिती व सल्लार्थीने दिलेली माहिती विश्वासार्ह व यथार्थ आहे.

➤ मुख्य समस्या (सल्लार्थीने सांगितल्या प्रमाणे):

१. झोप येत नाही
२. चिडचिड होते

संशोधन विषय

“ग्रामीण व शहरी भागातील किशोरांच्या अभ्यास सवयींचा तुलनात्मक अभ्यास”

सावित्रीबाई फुले पुणे विद्यापीठ, पुणे

मानव विज्ञान, विद्याशाखांगत

पदव्युत्तर पदवीसाठी सादर केलेला संशोधन प्रकल्प

मानसशास्त्र, एम. ए. भाग - २ (सत्र - ३)

संशोधक

गायकवाड पौर्णिमा बबन

मार्गदर्शक

डॉ. संतोष भिकाजी गायकवाड

(एम. ए., एम. फिल., सेट, पीएच.डी)

प्रमुख

मानसशास्त्र विभाग

रा. व. नारायणराव बोरावके कॉलेज, भीरामपूर

अभ्यास केंद्र

मानसशास्त्र विभाग

रा. व. नारायणराव बोरावके कॉलेज, भीरामपूर

शैक्षणिक वर्ष

२०२२-२०२३

**संशोधन विषय**

**“ग्रामीण व शहरी भागातील किशोरांच्या अभ्यास सवयीचा तुलनात्मक अभ्यास”**

**सावित्रीबाई फुले पुणे विद्यापीठ, पुणे**

**मानव विज्ञान, विद्याशाखांगत**

**पदव्युत्तर पदवीसाठी सादर केलेला संशोधन प्रकल्प**

**मानसशास्त्र, एम. ए. भाग - २ ( सत्र - ३ )**

**संशोधक**

**गायकवाड पौर्णिमा बबन**

**मार्गदर्शक**

**डॉ. संतोष भिकाजी गायकवाड**

**(एम. ए., एम. फिल., सेट, पीएच.डी)**

**प्रमुख**

**मानसशास्त्र विभाग**

**रा. ब. नारायणराव बोरावके कॉलेज, श्रीरामपूर**

**अभ्यास केंद्र**

**मानसशास्त्र विभाग**

**रा. ब. नारायणराव बोरावके कॉलेज, श्रीरामपूर**

**शैक्षणिक वर्ष**

**२०२२-२०२३**

**Rayat Shikshan Sanstha's**

**R. B. NARAYANRAO BORAWAKE COLLEGE,  
SHRIRAMPUR**

**DEPARTMENT OF PSYCHOLOGY**


**CERTIFICATE**

This is to certify that **Mrs. Gaikwad Pournima Baban**, University Examination  
Seat No: 28347 His Satisfactory Carried out the Required Research Project entitled  
"A Comparative Study of Study Habits of Adolescents in Rural and Urban Areas"


Work Prescribed by the Savitribai Phule Pune University, Pune for the M.A.  
II (Semester-III) Course in Clinical and Counselling Psychology. This project  
represents his benefited work in this academic year 2022-2023.


Date:

  
Research Guide

  
H.O.D  
Head  
Department of Psychology  
R.B.N. Borawake College  
Shrirampur



  
Internal Examiner

  
External Examiner

## Reference

- 1) Pro. H. Molswami, Pro. A. S. Lalmuasuali 2019, VOI – XI, ISSUE- XII studies habits among school students and its relevance to teacher education, Journal of XI a University of Architecture & Technology.
- 2) Jhoselle Tus, Francis, S Ray 2020, VOI – 2, ISSUE – 3 the learners study Habits and its relation on their academic performance. 'International Journal of all Research Writing.'
- 3) Sanjay Kumar 2015, VOI – 5, page no – 17 – 24 study habits of undergraduate students 'International Journal of education and Information studies.
- 4) R vas, Atsidya Siddhi and Julies K Maiyo 2015, VO – 7, ISSUE – 7, page no- 134 – 141 study of the relationship between study habit and academic achievement of students. A case Spicer higher Secondary School. 'International Journal of Educational Administration and policy studies.'
- 5) Anan Lakshmi, Murthy RVSNI 2019, VOI – 4, ISSUE – 5, 24 – 27 study habits of students of bachelor of education. 'International Journal of academic research and Development.'
- 6) Manwish Rabia 2017, VOI – 7 page no – 891, 897 A study on habits and academic performance of students. 'International Journal of Asian Social Science.'
- 7) Jasgeet Kumar, Dr. Pankaj Singh 2020, VOI – 7, ISSUE – 7, study habits and academic performance. A comparative analysis. 'European Journal of molecular & clinical medicine.'
- 8) Duran, I'sidro, Liavore Drawing 2016, VOI – 6, ISSUE – 8, study habits and the performance of bases students in computer programming – 1 'International Journal of Scientific & Engineering Research.
- 9) Dr. Kudirat Bimbo Sanni 2017, VOI – 7, ISSUE – 2, 283- 297 study habits and academic performance of secondary school students in mathematic a case study selected secondary schools in local education council.
- 10) Hafiz Mudasir 2012, VOI – 21 study habits and academic achievement – A case study of higher secondary school students.

विद्यार्थिनी का नाम → कल्पना देवशम सदाफळ

विषय का नाम → हिंदी साहित्य का इतिहास

सत्र का नाम → द्वितीय सत्र

विभाग का नाम → हिंदी

विद्यापीठ → सावित्रीबाई फुले पुणे विद्यापीठ

कक्षा → ए.म.ए. द्वितीय

अध्यापक का नाम → श्री. दळवी सर

19/20

नई काव्यधारा के कवियों का परिचय देते हुए उनके जीवन परिचय, कार्यक्षेत्र तथा प्रमुख कृतियों पर प्रकाश डालिए।  
 तर:- नई कविता एवं प्रयोगवादी कवियों में अज्ञेय सर्वश्रेष्ठ है। उन्होंने इसे अलग काव्यधारा का स्थान दिलाया है। इनके साथ-साथ गजानन माधव मुक्तिबोध, नेमिचंद्र जैन, प्रभाकर माधव, भारत भूषण अग्रवाल, नरेश मेहता, गिरिजाकुमार माथुर, धर्मवीर भारती भवानी प्रसाद मिश्र, डॉ. रामविलास शर्मा आदि कवि का समावेश प्रयोगवाद में किया जाता है।

• ३) अज्ञेय →

सच्येदानंद हीरानंद वाल्मयन 'अज्ञेय' (७ मार्च, १९११ - ४ अप्रैल १९८७) को कवि, शैलीकार, कथा-साहित्य को एक महत्वपूर्ण मोड़ देने वाले कथाकार, ललित निबंधकार, संपादक और अध्यापक के रूप में जाना जाता है। इनका जन्म ७ मार्च १९११ को उत्तर प्रदेश के कसथा, पुरातत्व-खुदाई शिविर में हुआ। बचपन लखनऊ, कश्मीर, बिहार और मद्रास में बीता। बी.एस.सी करके अंग्रेजी में एम.ए करते समय कांतिकारी आंदोलन से जुड़कर बम बनाने हुए पकड़े गये और वहाँ से फरार भी हो गए। सन १९३० ई. के अंत में पकड़ लिए गए। अज्ञेय प्रयोगवाद एवं नई कविता को साहित्य जगत में प्रतिष्ठित करने वाले कवि हैं। अनेक जापानी टाइकु कविताओं को अज्ञेय ने अनूदित किया। बहुआयामी व्यक्तित्व के एकांतमुखी प्रथम कवि होने के साथ-साथ वे एक अच्छे फोटोग्राफर और मत्यान्वेषी पर्यटक भी थे।

\* जीवन परिचय →

प्रारंभिक शिक्षा - दीक्षा पिता की देख रेख में घर पर ही संस्कृत, फारसी, अंग्रेजी और बांग्ला भाषा व साहित्य के अध्ययन के साथ हुई। १९२५ में पंजाब से एंट्रेंस की परीक्षा पास की और उसके बाद मद्रास क्रिश्चन कॉलेज में दाखिल हुए। वहाँ से विज्ञान में इंटर की पढाई पूरी कर १९२७ में वे बी.एस.सी करने के लिए लाहौर के फॉर्मन कॉलेज के छात्र बने। १९२९ में बी.एस.सी करने के बाद एम.ए. में उन्होंने अंग्रेजी विषय



- \* यात्रा वृत्तान्त → अरे यायावर रहेगा याद ? १९५७, एक बूँद सहसा उछली १९६०।
- \* निबंध संग्रह → सबरंग, त्रिशंकु, आत्मनेपद, आधुनिक साहित्य, एक आधुनिक परिदृश्य, आलवाल।
- \* आलोचना → त्रिशंकु १९४५, आत्मनेपद १९६०, भवेंती १९७१
- \* संस्मरण → स्मृती लेखन
- \* डायरियाँ → भवेंती, अंतरा और श्वा. शाश्वती।
- \* विचार गद्य → संवत्सर
- \* नाटक → उत्तर प्रियदर्शी
- \* जीवनी → रामकमल शय द्वारा लिखित 'शीखर से सागर तक' संपादित ग्रंथ → आधुनिक हिंदी साहित्य १९४२, तार सप्तक (कविता संग्रह) १९४३, दूसरा सप्तक (कविता संग्रह) १९५१, तीसरा सप्तक (कविता संग्रह) संपूर्ण १९५६, नये एकांकी १९५२, रुपांबरा १९६०।

इन्का लगभग समग्र काव्य सदानिरी (२ खंड) नाम से संकलित हुआ है तथा अन्यान्य विषयों पर लिखे गए सारे निबंध सर्जना और संदर्भ तथा केंद्र और पारीधि नामक ग्रंथों में संकलित हुए हैं। विभिन्न पत्र-पत्रिकाओं के संपादन के साथ-साथ अज्ञेय ने तारसप्तक, दूसरा सप्तक, तीसरा सप्तक जैसे युगांतरकारी काव्य संकलनों का भी संपादन किया तथा पुष्करिणी और रुपांबरा जैसे काव्य-संकलनों का भी। वे वत्सलनिधि से प्रकाशित आधा दर्जन निबंध संग्रहों के भी संपादक हैं। प्रख्यात साहित्यकार अज्ञेय ने यद्यपि कहानियाँ कम ही लिखीं और एक समय के बाद कहानी लिखना बिल्कुल बंद कर दिया, परंतु हिंदी कहानी की आधुनिकता की दिशा में एक नया और स्थायी मोड़ देने का श्रेय भी इन्हीं को प्राप्त है। निःसंदेह वे आधुनिक साहित्य के एक श्लाकी-पुरुष थे। जिसने हिंदी साहित्य में आशुतोष के बाद एक दूसरे आधुनिक युग का प्रवर्तन किया।

\* पुरस्कार / सम्मान

- १) साहित्य अकादमी
- २) भारतीय ज्ञानपीठ

R.B. Narayanao Borawake  
College, Shrivampur.

Environment Studies

Project report

Academic year 2022-23

**Project Name :** Environmental Laws

**Student's Name :** Kasar Sakshi Somnath

**Class :** SYBSc (Computer Science)

**Div :** B

**Roll number :** 3236

**Exam number :** 3236



## ★ Acknowledgement ★

I would like to express my thanks and gratitude to my teacher, my guide Mr. Sadafal A.A. Sir for allowing me to work on this topic. It gives me a great pleasure to express deep sense of gratitude to my guide for this valuable guidance, discussions as well as patience during the work of this activity.

I am grateful to principle Badade Sir, and Head of department for constant encouragement inspiration for successful completion of this activity.

Also I would like to thank everyone who helped me in making of this project. I take this opportunity to express my deep sense of gratitude towards all those who have been directly or indirectly instrumental in successful completion of this activity.

Sakshi

signature

Kasav Sakshi Samnath

Name of student

## INTRODUCTION...

### to Environment and Environment Laws

The environment is a vital component of human life. The destruction of the environment can have an impact on people's livelihoods. Environmental laws are critical for protecting the environment from the effect of man-made activity.

The laws are changed in response to the country's challenges. Environmental laws are a living, dynamic motion. By passing crucial legislation and historic judgments, the legislature and courts have both contributed to and demonstrated tremendous care for environmental laws. Before delving into the legislation created under environmental laws, let us define the term "Environment Law".

Environmental laws are laws that protect the environment. This includes environmental regulations, laws governing management of natural resources such as forests, minerals, or fisheries, and related topics such as environmental impact assessments.

2022-23  
SY BSC-A

R.B.N.B COLLEGE  
OF SHRIRAMPUR  
ENVIRONMENT  
STUDIES PROJECT

Academic Year. 2022-23.

# R.B. NARAYANRAO BORAWAKE COLLEGE, SHRIRAMPUR

## ENVIRONMENT STUDIES

Academic Year - 2022-23

Project Name :- Disposal of domestic and industrial waste and water conservation methods.

Student's Name :- Vitnor Rushikesh Raosheb.

Class :- S.Y. B.Sc

Div :- 'A'

Roll Number :- 6333

# NEED OF STUDY

- I have chosen the topic "Disposal of Domestic And Industrial Waste & Water Conservation Method for my project.
- In the ongoing 21st century, there is a great need for the studying of disposal of domestic & industrial waste and water conservation method.
- Disposing of the waste has huge environmental impact & can cause serious problems.
- Needless to say, the most important reason for property waste mgmt. management is to protect the environment & for the health & safety of the population.
- It is very important topic that needs to be addressed & everyone should be aware why waste segregation can be the difference between the survival of the earth & worsening effects in the natural biological system.
- The many natural resource such like tree, gas & water are depleting. For instance paper, cupboards, paper cup & many other product we use daily are made from trees. Huge area of tree cut down. Fortunately, it is possible to recycle paper product instead of cutting of down trees.
- Having a proper waste management can result in the availability of valuable material to reuse. This can save money while potentially creating new jobs & business opportunity. Reducing, Reusing & Recycling your waste is important for the environment, but it can also be profitable.

# AIMS AND OBJECTIVES OF STUDY

- To protect our environment from pollution and contamination and repair & reduce the damage caused by the pollution.
- Irresponsibly disposal of waste can lead to various diseases & can harm people.
- Therefore, we should carefully dispose of waste to encourage health standards.
- Having proper waste disposal method available support recycling & save precious materials.
- with the help of bioremediation, it is removing contaminants, pollution, pollutants & toxin from soil, water and other environment.
- One of objective is through the 3 Rs of waste management - Reduce, Reuse, Recycle.
- Composting & recycle.
- Environment awareness and protection.
- productivity improvement.
- Employmental awareness & protection.
- Employmental generation.
- Resources recovery.
- welfare Needs of huge population.
- To secure the environment & cut down the threats posed to human health.
- transport sort and manage waste from residential communities & business.
- The aim of water conservation is to ensure that sustainable water supply is available to present & future generation.
- water conservation includes all the policies, strategies & activities to manage water resource, protect hydrosphere.



# R.B. Narayanrao Borawake College Sheikrapur

- NAME :- Ahire Pooja Babasaheb
- CLASS :- S.Y. B.A
- DIV :- C
- Roll No :- 4772
- SUBJECT :- E.V.S. PROJECT
- PROJECT NAME :- SENDRIYA  
SETI

R. B. NARAYAN-

RAO BORAWAKE

COLLEGE.....

NAME :- AHIRE PODJA BHABASAHEB

CLASS :- S.Y.BA

ROLL NO :- 4772

SUBJECT :- E.V.S. PROJECT

PROJECT NAME :- SENDRIYA SETI

# प्रकल्प विषय - जी निवड

सेंद्रिय जेती पर्यावरणास दिवकालीन फायदे देते. दीर्घकालीन जमिनीची सुपीकता वाढवणे हे त्याचे उद्दिष्ट आहे. पर्यावरणास हानी न पोहचवता रोग आणि कीटक नियंत्रित करणे हे त्याचे उद्दिष्ट आहे. हे सुनिश्चित करते की वापरलेले पाणी स्वच्छ आणि सुरक्षित आहे. हे सुशेतकऱ्यांकडे आर्हीपासुन असलेल्या संसाधनांचा लाभ घेण्यावर पक्ष फेडित करते आणि शेतकऱ्यांना जेतीसाठी आवश्यक निविळा खरेदी करणे परवडारे होते.

मानवांसाठी पोषक, रसायनमुक्त अन्न आणि प्राण्यांसाठी खाद्य तयार करणे आणि उच्च गुणवत्तेच्या उत्पादनांची चांगल्या किंमतीत विक्री करणे हे त्याचे हेतू आहे. सेंद्रिय जेतीकडे रिव्ह केल्याने कल्याण आणि निमग्न सुशारणा लसेच अन्न विविधता या दोन्ही वाढवित आवादायक उन्नयता निर्माण होतात.

म्हणून मी हा विषय निवडला आहे. सेंद्रिय जेतीचे फायदे आणि तोटे जाणून घेतल्याने आम्हास जेतीचे आविष्य समजण्यास मदत होईल.

# विश्लेषण.....

आजच्या पर्यावरणीय प्रदुषणाला वाढ होत असताना पर्यावरण संरक्षणाकडे जगाचे लक्ष वेधले आहे.

नवीन कृषी विकास मॉडेल म्हणून सेंद्रिय शेतीचा पर्यावरणावर कमी परिणाम होत असल्याचे दिसते इ. वेगाने विकसित झाले आहे. आणि निरिक्षणातून असे दिसून आले आहे की सेंद्रिय शेतीचे खुप फायदे आहेत. आणि त्यामुळे पर्यावरणाला फायदा होतो.

वनस्पतींवर फवारलेली कीटकनाशके आणि रसायने माती, पाणी पुरवठा आणि हवा दुषित करतात. कृषीकधी ही धानिकारक कीटकनाशके अनेक वर्षे किंवा त्याहून अधिक राहतात. भारतात सुमारे १.४९ दशलक्ष टन सेंद्रिय शेती आहे. २००४-२०११ च्या आसपास भारताने सेंद्रिय शेतीचा सर्वात वापर वाढत आहे.

हे देखिल दिसून आले आहे की सेंद्रिय शेती ग्लोबल वॉर्मिंगच्या परिणामीशी लढण्यास मदत करते अन्क नाही तर ते जलसंवर्धन आणि जल अशिष्ट्यास समर्थन की पारंपारिक उत्पादनाच्या तुलनेत सेंद्रिय प्रणाव्यसिद्धी उत्पादनाच्या प्रति युनिट प्रम जगपुर जास्त होत.