



Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu
Genu Science College, Manchar.

“ Criterion 1- Curricular Aspects ”

AQAR 2022-23

1.3.2 Number of courses that include experiential learning through project work/field work/internship during the year.

List of Document :- project work

Rayat Shikshan Santha
Annasaheb Awate College, Manchar

2022-23

(Reaccredited with 'A' Grade by NAAC)

Affiliated to Savitribai Phule Pune University, Pune

Sr. No.	Department	Project work/ fieldwork / internships	Total Student
1	T.Y.B.SC. Electronic Science Sem V	Project	16
2	T.Y.B.SC. Electronic Science Sem VI	Project	16
3	T.Y.B.voc Food Sem 5	Project	10
4	T.y .Bsc Physic'	Project	7
5	M.Sc. II Physic	Project	11
6	Chemistry M.Sc. II	Project	18
7	Zoology T.Y. B.Sc.	Project	9
8	Environment Studies S.Y.B.SC.	Project	62
9	M.Com. II	Project	73
10	History T.Y.	Project	10
11	English T.Y.	Project	11
12	Economics T.Y.	Project	13
13	M.A. Economics	Project	14
14	Environment Studies S.Y.B.A.	Project	77
15	Environment Studies S.Y.B.Com.	Project	148
16	BBA/CA	Project	39
17	Physical Education (F.Y.B.A./Bicom./ B.Sc.)	Project	355
18	Botany	Field Work	42
19	Biotechnology T.Y. Sem. 5	Internship	13
20	TYBCom. (Costing)	Internship	56
21	TYBCom. (Business Emtere.)	Internship	47
27	TYBCom. (Marketing.)	Internship	26
28	TYBCom. (Business Emtere.)	Internship	43
TOTAL			1116





Rayat Shikshan Sanstha's
**Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu Science College, Manchar.**

Department of Electronics

T.Y.B.Sc. Sem. V

“Project”

2022-23



SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE
T.Y.B.Sc. ELECTRONIC SCIENCE
2021 PATTERN CBCS
Discipline Specific Elective Course

EL 359: Paper IX: Practical Course III(Project)

SEMESTER V

CREDITS: 2

Course Outcomes: After completing the course, the students will be able to

- CO1: Understand basic methodology of selection of topic for project.
CO2: Understand how to do literature review for selected topic for project.
CO3: Apply the knowledge for design and development of the selected project.
CO4: Use different software and hardware for testing, validation and verification of circuits for successful outcome of project
CO5: Understand documentation process in the form of presentation and project report
CO6: Understand process of systematic development of electronic system and Development of skills for successful outcome

Guidelines to conduct Practical Course III(Project)

Practical Course III is a project Course of 2 Credits.

- Internal Continuous Assessment (15 marks)
- University project Examination (35 marks)

This Course should be conducted using following guidelines:

- a) In CBCS Pattern, Student has to perform project in Semester V as well as Semester VI. It can be :
- separate project for each semester OR
 - can perform continuous project carrying sufficient weightage of marks per semester.
- b) There should be internal continuous assessment of Project work in the form of Seminars/presentation and continuous monitoring of work.
- c) After completion of project, student has to submit the Project Report in the following format.
- Title of Project
 - Aim and objectives of project.
 - Literature or Reference work
 - Block diagram and its explanation in brief and/or algorithm of software required if any
 - Design and development of Circuit/system and Simulation required if any
 - Circuit Diagram and its working and Program explanation if any
 - Experimental Work and PCB Design/fabrication required if any
 - Results and Discussion



T.Y.B.Sc. Electronic Science 2021(CBCS Pattern)

- ix. Applications
 - x. Future Scope
 - xi. References
- c. There must be observations, interpretations, conclusions, results of the project work.
- d. Algorithm, program strategy, module wise description of parts etc. be provided in case of projects related with development of computer software.
- e. Applications, usefulness, student's contribution must be clearly specified.
- f. Further extension work may be suggested for better outcome of the project.
- g. It is recommended to present the projects in competitions / project exhibitions organized by various authorities.
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PROJECT REPORT ON,

IoT Based Health Monitoring System

ANNA SAHEB AWATE COLLEGE, MANCHAR.

B.SC (ELECTRONIC SCIENCE)

By

CHAPTE VAIBHAV CHANDRAKANT

Dept. of Electronic Science,

Annasaheb Awate College, Manchar – 410503



Exam Seat No. 5389

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune

DEPARTMENT OF ELECTRONIC SCIENCE

Practical Course- III (2019 Pattern) -Paper EL-359

CERTIFICATE

This is to certify that the work embodied in the project entitled "IOT BASED HEALTH MONITORING SYSTEM" is carried out for the partial fulfillment of the B.Sc. degree in Electronic-science of the Savitribai Phule Pune University, Pune. This is the original work done by **Chapte Vaibhav Chandrakant** student of T.Y.B.Sc (Electronic-Science). The work has been satisfactorily carried by her under our personal supervision and has completed to our entire satisfaction in the academic year 2022-23. On the basis of the declaration made by his, we recommended this project report for evaluation.

Certified by:

for Technical
Ms. A.M.Dange
(Guide)

Waghmare
External Examiner

Belage
Mr. S. A. Belage
(H.O.D.)

Belage
Internal Examiner





PROJECT REPORT

ON

**ALCOHOL DETECTION SYSTEM USING
ATMEGA16 MICROCONTROLLER**

SUBMITTED TO

DEPARTMENT OF ELECTRONIC SCIENCE

**Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Pune**

FOR THE DEGREE OF

B.Sc. (2022-2023)

(ELECTRONIC SCIENCE)

BY

Sumit Ravindra Dhumal

(Seat No: 1911)

MAY - 2023





Royal Shikshan Sanstha
Annasaheb Awate College
Mumbai

SMART HOME SECURITY SYSTEM

REPORT OF PROJECT SUBMITTED FOR PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE
DEGREE OF

BACHEOR OF SCIENCE

IN

ELECTRONIC SCIENCE

BY

Talape chetan bhau

PRN NO:1172019171

UNDER THE SUPERVISION OF

MRS JAYASHREE KHILLARI

MISS AFROJ DANGE

(ASSOCIATE PROFESSORS)

DEPARTMENT OF ELECTRONIC SCIENCE



Seat No - 5348



Rayat Shikshan Sanstha's
Annasaheb Awate College
Manchar

DEPARTMENT OF ELECTRONIC SCIENCE


CERTIFICATE

This is to certify that the work embodied in the project entitled " Smart Home Security System".

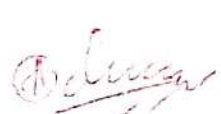
Is carried out by for the partial fulfillment of the BSc degree in electronic science of the Savitribai Phule Pune University .

This is the original work done by Chetan Bhau Talape. Student of T.Y.Bsc (electronic science) .the work has been satisfactorily carried out by him under our personal supervision and has completed to our entire satisfaction in the academic year 2022 – 23. On the basis of the de(aration need by him ,we recommend this project report for ivolution.

Certified by


External Examiner :


Internal Examiner :


HOD :



Guided By: 

Rayat Shikshan Santha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar, pune


Department of Electronic Science

TYBSc 2022-23

Sem-V : Student Project List

Sr. No	Roll No	Student Name	Project Name
1	4436	Bhalerao Harsh Vivek	Sensor of Smart Dustbin
2	4437	Burse Akanksha Sunil	Automatic Hand Sanitizer Dispenser using Arduino
3	4438	Chapte Vaibhav Chandrakant	IoT Based Health Monitoring System
4	4439	Chaskar Shejal Dattatray	Temperature and Humidity using Arduino
5	4440	Daine Isha Deepak	Gas Leakage Detector Using Arduino
6	4441	Dhumal Sumit Ravindra	Fire Alarm System using Arduino
7	4451	Doke Komal Rajendra	Rain sensing Automatic Car Wiper
8	4442	Gawde Prerna Rajesh	Obstacle Avoiding Car
9	4443	Lohate Gaurav Santosh	Antisleep Alarm System for Driver's
10	4444	Midgule Krushnali Arjun	Appliances control with Delay Switch
11	4450	More Prathamesh Ganesh	Rain Water Detector
12	4445	More Shreya Vinod	Automatic Soil Irrigation Using Arduino
13	4446	Pawale Adesh Gulab	A Fingerprint door Lock
14	4447	Pawale Aditya Sharad	GPS Tracking System
15	4448	Talape Chetan Bhau	Smart Home Security System
16	4449	Talpe Pratidnya Namdev	Smart Parkng System




Head
Dept. of Electronic Science
A. A. College, Manchar



Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu Science College, Manchar.

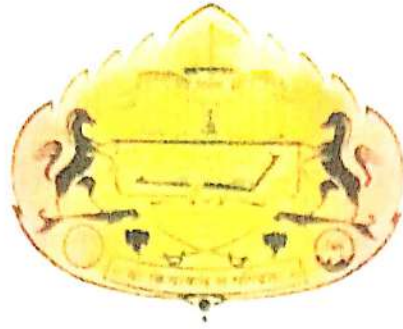
Department of Electronics

T.Y.B.Sc. Sem. VI

“Project”

2022-23





PROJECT REPORT
ON
Bluetooth controlled car using arduino

SUBMITTED TO
DEPARTMENT OF ELECTRONIC SCIENCE
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Pune

FOR THE DEGREE OF
B.Sc. (2022 - 2023)
(ELECTRONIC SCIENCE)

BY
Prerna Rajesh Gawde

(Seat No : 4442)

MAY - 2023



Exam seat No:- 5342.

Rayat Shikshan Sansthas
Annasaheb Awate Arts, Commerce & Jyotirama Baba Gremu Science
College, Manchar, Pune

Department Of Electronic Scienc
Practical Course-III(2019pattern)-paper EL-359

CERTIFICATE

This is to certify that the work embodied that in the project entitled HOME
APPLIANCES CONTROL WITH DELAY SWITCH
Is carried out for the partial fulfilment of the B.Sc .degree in electronic science of
the savitribai phule pune university ,pune. This is the original work done by
MIDGULE KRUSHNALI ARJUN student of the T.Y.BSc(electronic science)
the work has been satisfactorily carried by her under our personal supervision and
has completed to our entire satisfaction in the acadmic year 2022-23. On the basis
of the declaration made by her ,we recommended this project report for evaluation.

Certified by :

for [Signature]
Ms. A.M.Dange. (Guide)
External Examiner

[Signature]
Mr.S.A.Belge(H.O.D)
Internal

External Examiner
[Signature]
26/12/2022



Sensor of Smart Dustbin

A PROJECT REPORT

Submitted by

Harsh Vivek Bhalerao

Under the guidance of

Prof. KHILLARI MAM

in partial fulfillment for the award of the degree

of

Bachelor of science

in

Electronic science



Rayat Shikshan Sanstha's
Annasaheb Awate College
Manchar



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DEPARTMENT OF ELECTRONIC SCIENCE

CERTIFICATE

This is to certify that the dissertation entitled "sensor of smart dustbin"
submitted by
Harsh Vivek Bhalerao is approved for the award of Degree of Bachelor
of Electronic science.

Head Department of
Electronic science

Date: 26/12/2022

Bhalerao

Radha
EXTERNAL EXAMINER

DATE: 28/12/2022

Bhalerao
28/12/22

Archi
28/12/22
PROJECT GUIDE
DATE: 26/12/22

CO-ORDINATOR
DEPARTMENT OF
ELECTRONIC SCIENCE
DATE: 2022



PROJECT REPORT ON,

IoT Based Health Monitoring System

ANNA SAHEB AWATE COLLEGE, MANCHAR.

B.SC (ELECTRONIC SCIENCE)

By

CHAPTE VAIBHAV CHANDRAKANT

Dept. of Electronic Science,

Annasaheb Awate College, Manchar – 410503



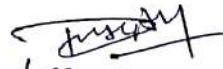
Department of Electronic Science

TYBSc 2022-2023

Sem-VI : Student Project List

Sr. No	Roll No	Student Name	Project Name
1	4436	Bhalerao Harsh Vivek	Sanitizer Sensor Kit
2	4437	Burse Akanksha Sunil	Smart Dustbin Using Arduino
3	4438	Chapte Vaibhav Chandrakant	Health Monitoring System Using ESP8266
4	4439	Chaskar Shejal Dattatray	Pulse Sensor Using Arduino
5	4440	Daine Isha Deepak	Soil Moisture Sensor Using Arduino Uno
6	4441	Dhumal Sumit Ravindra	Alcohol Detection System Using ATMEGA16 Microcontroller
7	4451	Doke Komal Rajendra	Temperature Control Fan Using Arduino
8	4442	Gawde Perna Rajesh	Bluetooth Controlled Car Using Arduino
9	4443	Lohate Gaurav Santosh	Drivers Anti-sleep Alarm System Using Arduino
10	4444	Midgule Krushnali Arjun	Automatic Light Using PIR Motion Sensor
11	4450	More Prathamesh Ganesh	Rain Detector Alert Using Arduino Uno
12	4445	More Shreya Vinod	Gas Leakage Detector Using Arduino
13	4446	Pawale Adesh Gulab	Single Axis Solar Tracker Using Arduino
14	4447	Pawale Aditya Sharad	Ultrasonic Radar Using Arduino
15	4448	Talape Chetan Bhau	GSM Home Security Using Arduino
16	4449	Talpe Pratidnya Namdev	Smart Parking System




Head
Dept. of Electronic Science
A. A. College, Manchar



Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu Science College, Manchar.
Department of B. Voc (Food Processing & Quality
Management)

T.Y.B.Voc. Sem V

“Project”

2022-23



Rayat Shikshan Santha's
Annasaheb Awate College, Manchar Tal-Ambegaon, Dist- Pune.
SYLLABUS STRUCTURE (2021-22)

B.VOC (Food Processing and Quality Management)

T. Y. B.VOC (Degree) Semester- V					
Course Code	Theory	Credits	Total Marks	Distribution marks	
				Internal	Theory
FG- 51	Entrepreneurship Development	04	100	25	75
FG- 52	Food Plant Design and Layout	04	100	25	75
FG- 53	Snack Food Technology	04	100	25	75
Practical					
FSC- 51	Industrial Microbiology	06	150	75	75
FSC- 52	Beverage Technology	06	150	75	75
FSC- 53	Industrial Training	06	150	75	75
	Total	30	750	300	450
T. Y. B.VOC (Degree) Semester- VI					
Course Code	Theory	Credits	Total Marks	Distribution marks	
				Internal	Theory
FG- 61	Business Management	04	100	25	75
FG- 62	Waste management and Utilization	04	100	25	75
FG- 63	Design and Development of New Product	04	100	25	75
Practical					
FSC- 61	Food Quality control and Assurance	06	150	75	75
FSC- 62	Mini Project and Marketing	12	300	150	150
	Total	30	750	300	450



B. Voc. Part – III
Food Processing and Quality Management
Semester V

Industrial Training (FSC 53)

Credits Prescribed for Theory: **03 Credits (75 Marks)**

Credits Prescribed for Internal: **03 Credit (75 Marks)**

Total Credits = 06

General Objectives:

Students will be able to:

1. Develop understanding of various field activities in which students are going to play a role as food technologists after completing diploma.
2. Develop understanding of subject based knowledge given in the class room in the context of its application at work places
3. Gain firsthand experience and confidence amongst the students to enable them to use and apply knowledge and skills to solve practical problems in the field
4. Develop of special skills and abilities like interpersonal skills communication skills, attitudes and values
5. Develop perfect knowledge about the theoretical part in syllabus.
6. Know about hygiene and sanitation in industry.
7. Set the goal for personal development.
8. Solve problems with confidence.

Contents of the Report:

1. Acknowledgment
2. In-plant training certificate
3. Introduction of industry
4. Raw material and processing
5. Processing equipments
6. Industry lay- out



7. Process flow charts
8. Packaging
9. Quality control or analysis
10. Effluent treatment
11. Conclusion

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**B. Voc. Part – III
Food Processing and Quality Management
Semester VI**

Mini Project and Marketing (FSC 62)

Credits Prescribed for External: 06 Credits (150 Marks)

Credits Prescribed for Internal: 06 Credit (150 Marks)

Total Credits = 12 180 Hrs

Objectives

- To design and develop new product.
- To develop marketing ability.
- To develop the ability to undertake problem identification, formulation and solution.
- To apply their knowledge of basic science and engineering fundamentals in their project work
- Develop understanding of various field activities in which students are going to play a role as food technologists after completing diploma.
- Develop understanding of subject based knowledge given in the class room in the context of its application at work places
- Gain firsthand experience and confidence amongst the students to enable them to use and apply knowledge and skills to solve practical problems in the field
- Develop of special skills and abilities like interpersonal skills communication skills, attitudes and values
- Develop perfect knowledge about the theoretical part in syllabus.
- Know about hygiene and sanitation in industry.
- Set the goal for personal development.
- Solve problems with confidence.

Contents of the Report:

1. Acknowledgment
2. Introduction of Product (History, Innovation)



- 3. Raw material and processing equipments
- 4. Product Development
- 5. Process flow charts
- 6. Quality control and analysis
- 7. Packaging
- 8. Marketing and selling
- 9. Conclusion

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Ghanas

Head

Dept. of B. Voc

(Food Processing & Quality Management)
Annasaheb Awarde College, Manchar



Rayat Shikshan Sanstha's
Annasaheb Awate College, Manchar
Department of B. Voc. Food Processing and Quality Management

Mini Project & Marketing 2022-23

Project Titles

Sr. No.	Student Name	Class	Project Name
1	BHOR AKASH VITTHAL	T.Y. B. Voc.	"Development of Millet Based Idli"
2	CHASKAR ATHARV SANDIP	T.Y. B. Voc.	"Development of Tortilla Chips"
3	GADE ATHARV KIRAN	T.Y. B. Voc.	"Preparation of multi-millet Nutri-Bar"
4	KAHADANE HARSHADA KHANDU	T.Y. B. Voc.	"Preparation of Traditional Chakli by Enrichment of Sprouted Millet Powder"
5	KARALE HARSHWARDHAN SANDIP	T.Y. B. Voc.	"Development of Instant Mix Vegetable Soup Powder"
6	LANGOTE AADESH KALURAM	T.Y. B. Voc.	"Preparation of Sweetened wheat grass juice with addition of ginger powder"
7	MULE DIPA MACHINDRA	T.Y. B. Voc.	"Development of Sorghum Cookies Enriched by Addition of Amaranth Flour"
8	NIGHOT SIDDHESH VISHNU	T.Y. B. Voc.	"Preparation of Herbal Masala Tea"
9	THORAT ARCHANA SHIVAJI	T.Y. B. Voc.	"Preparation of Sago Papad using Beetroot juice as Colorant- A healthy Alternative"
10	PATHAN ARBAZ JAVED	T.Y. B. Voc.	"Preparation and Analysis of Ginger & Jaggery Based Candy"



Ghankar
 Head
 Dept. of B. Voc.
 (Food Processing & Quality Management)
 Annasaheb Awate College, Manchar



Rayat Shikshan Sanstha's
**Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu Science College, Manchar.**

Department of Physic

T.Y.B.Sc. Sem V

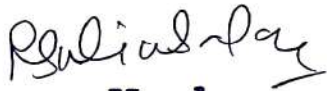
“Project”

2022-23



Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Tal. Ambegaon, Dist. Pune
Department of Physics
T.Y.B.Sc
Project List-2022-23

Sr.No.	Seat No.	Students Name	Name of Project
1	4456	Dolas Dipak Tukaram	Laser and its applications
2	4457	Gawade Vijay Kisan	Study of solar panel
3	4458	Lambhate Kedarnath Shivaji	Security alarm
4	4459	Mourya Rohit Chandrabhan	Study of optical cable
5	4460	Adhari Nilesh Dipak	Laser safety alarm model
6	4479	Chaskar Vrushali Ramesh	Refractive Index
7	4480	Vani Aditya Dattatray	Laser safety alarm model


Head
Department of Physics
A.A. College. Manchar



T.Y.B.Sc. (Physics) (Sem-V)
PHY-359: Physics Project-I

(Credits-02)

Lectures: 36

Guidelines:

It is expected that,

1. The student does work equivalent to about ten (10) laboratory experiments throughout the semester in the third year.
2. One bears in mind that the project work is a practical course and it is intended to develop a set of skills pertaining to the laboratory work apart from the cognition of students. Therefore, the guides should not permit projects that involve no contribution on part of student.
3. The project must have a clear and strong link with the principles of basic physics and/or their applications.
4. The theme chosen should be such that it promotes better understanding of physics concepts and brings out the creativity in the students.
5. The evaluation of the project work must give due credit to the amount of the project work actually done by a student, skills shown by the student, understanding of the physics concepts involved and the final presentation at the time of viva voce.
6. It is also recommended that a teacher will look after Four (4) projects at one time.
7. Practical examination will be conducted semester wise.
8. The student can perform an Experimental/Theoretical/Computational Project in Physics or interdisciplinary areas under the supervision of one or more guides.
9. The student can learn the basics of the topic chosen for project, to learn how to do literature survey and set up the basic experimental/theoretical and computational techniques needed for the project.
10. The department encourage to students for projects both in experimental and theoretical areas of Physics in collaboration with other institutes and industry.

The Project work shall consist of the following Criteria.

1. Project work is mandatory for all the T. Y .B. Sc. students.
2. All the T. Y. B. Sc. students will be have to complete the Project work prescribed by the Board of Studies in Physics of Savitribai Phule Pune University during the Vth Semester.
3. The Project work shall consist of the following Criteria.
 - It is expected that students must finalize the Title of Project, Aim and objective, Significance, Literature survey, Materials required, Method and Application etc.
 - Introduction to foundations of Project Work.
 - Introduction of Project Research Methodology.
 - Study of Data Collection Methods.
 - Project Problem Writing and Presentation Skills.

Evaluation weightage:

- Project-I: Semester End University Examination : 35 Marks
- Internal Examination: 15 Marks



T.Y.B.Sc. (Physics) (Sem-VI)
PHY-369: Physics Project-II

(Credits-02)

Lectures: 36

Guidelines:

It is expected that,

1. The student does work equivalent to about 10 laboratory experiments throughout the semesters in the third year.
2. One bears in mind that the project work is a practical course and it is intended to develop a set of skills pertaining to the laboratory work apart from the cognition of students. Therefore, the guides should not permit projects that involve no contribution on part of student.
3. The project must have a clear and strong link with the principles of basic physics and/or their applications.
4. The theme chosen should be such that it promotes better understanding of physics concepts and brings out the creativity in the students.
5. The evaluation of the project work must give due credit to the amount of the project work actually done by a student, skills shown by the student, understanding of the physics concepts involved and the presentation of the final report at the time of viva voce.
6. The viva voce should be conducted at the time of evaluation of project work at least for twenty minutes per student. Extra care must be taken in the evaluation of projects done in a pair or group. Delegation of the work done by individuals must be sought from the students in such cases.
7. Any ready-made material used in the report (such as downloaded pages from the web) must be clearly referred to and acknowledged.
8. It is also recommended that a teacher will look after 4 projects at one time.
9. Any non-adherence to this norm should attract a penalty by way of deduction in the marks awarded to a student. It is recommended that the College will provide consumables/contingencies for every project, to the tune of Rs. 750 /- each. (*If the students paid extra fee other than laboratory fee then college will provide financial assistance for the Project work.)

The Project work shall consist of the following Criteria.

- 1) Working model (Experimental or Concept based simulation/Demonstration Related to Physics).
- 2) Understanding of the project.
- 3) Experimental Details.
- 4) Data collection and Data Analysis.
- 5) Innovation.
- 6) Outcomes/Result.
- 7) Conclusion.

Note: At the time of project practical examination, the candidate must submit the certified project report by the project in-charge and HOD. A candidate will be allowed to appear for the Project practical examination only if the candidate submits a project completion report duly certified by the project in-charge and Head of the department.





Rayat Shikshan Sanstha's
Annasaheb Awate College
Manchar

To study the data communication through the media
REPORT OF PROJECT SUBMITTED FOR PARTIAL FULFILMENT OF THE
REQUIREMENTS FOR THE DEGREE OF

BACHEOR OF SCIENCE
IN PHYSICS

BY

MOURYA ROHIT CHANBRABHAN

UNDER THE SUPERVISION OF

Prof. LENDE MAM

DEPARTMENT OF PHYSICS





Rayat Shikshan Sanstha's.

Annasaheb Awate Arts, Commerce and Hutatma Babu

Genu Science College, Manchar, Tal. Ambegaon, Dist. Pune

Phone no. 02133-223160. Website: aacmanchar.edu.in

CERTIFICATE

MOURYA ROHIT CHANDRABHAN

This is to certify that the project work entitled to study the data communication through the media Using different type of media for example (co-axial cable, fiber optic cable etc.) work carried out by mourya rohit chandraban , a student of BSc in the department of physics, Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College, Manchar, affiliated to Savitribai Phule University, Pune, during the academic year 2022-23, in partial fulfillment of the requirements for the degree of Bachelor of Science in physics.

Remarks about: - poor/average/very good

Report done by: - independently

H. Hire
11/1/2023
TEACHER INCHARGE

J. Mahalkar
1-1-23
HEAD OF DEPARTMENT
(Physics)

1) *Examined*
[Signature]
01/01/23

2) *[Signature]*
01/01/23



RAYAT SHIKSHAN SANSTHA'S
Annasaheb Awate College, Manchar
SAVITRIBAI PHULE PUNE UNIVERSITY



A

PROJECT REPORT ON

"STUDY OF SOLAR PANEL"

SUBMITTED TO

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

FOR THE DEGREE OF BACHELOR OF SCIENCE IN PHYSICS

BY

Gawade Vijay kisan



RAYAT SHIKSHAN SANSTHA'S
Annasaheb Awate College, Manchar

SAVITRIBAI PHULE PUNE UNIVERSITY

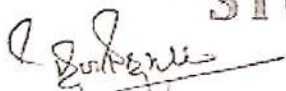


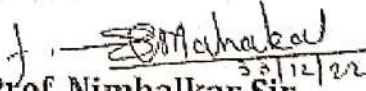
DEPARTMENT OF PHYSICS **CERTIFICATE**

This is certified that Mr. Gawade Vijay kisan student of **BSc. (Physics) Semester - V** has satisfactorily completed the project work towards the partial fulfilment of her Bachelor degree of SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE for academic year 2022-23

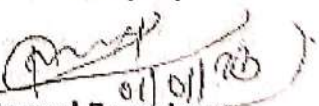
PROJECT TITLE

" STUDY OF SOLAR PANEL "


Prof. P. V. Kurkute
(Project guide)


Prof. Nimbalkar Sir
(Head of Dep. Physics)


Internal Examiner


External Examiner



PROJECT REPORT ON,

Laser And It's Applications

Submitted to

ANNASAHEB AWATE COLLEGE, MANCHAR.

For the Degree of

B.SC (PHYSICS)

By

DOLAS DIPAK TUKARAM

Dept. of Physics.

Annasaheb Awate College, Manchar -- 410503




Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune

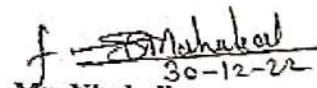
DEPARTMENT OF PHYSICS
Practical Course- III (2019 Pattern) -Paper PHY-359

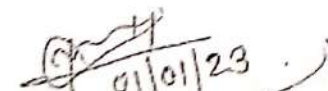
CERTIFICATE

This is to certify that the work embodied in the project entitled "LASER AND ITS APPLICATION" is carried out for the partial fulfillment of the B.Sc. degree in Physics of the Savitribai Phule Pune University, Pune. This is the original work done by Dolas Dipak Tukaram student of T.Y.B.Sc (Physics). The work has been satisfactorily carried by her under our personal supervision and has completed to our entire satisfaction in the academic year 2022-23 .On the basis of the declaration made by his, we recommended this project report for evaluation.

Certified by:


Miss. S. Jagtap
(Guide)


Mr. Nimbalkar
(H.O.D.)


01/01/23
External Examiner


Internal Examiner



PROJECT REPORT ON

Wireless Power Transfer

Submitted to

ANNASAHEB AWATE COLLEGE, MANCHAR.

For the Degree of

B.SC (PHYSICS)

By

DOLAS DIPAK TUKARAM

Dept. of Physics.

Annasaheb Awate College, Manchar – 410503

Rajawade Shiksha Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune

DEPARTMENT OF PHYSICS
Paper PHY-359



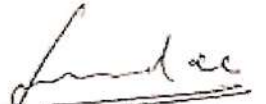
CERTIFICATE

This is to certify that the work embodied in the project entitled **Wireless power Transfer** is carried out for the partial fulfillment of the B.Sc. degree in Physics of the Savitribai Phule Pune University, Pune. This is the original work done by **Dolas Dipak Tukaram** student of T.Y.B.Sc (Physics). The work has been satisfactorily carried by her under our personal supervision and has completed to our entire satisfaction in the academic year 2022-23. On the basis of the declaration made by his, we recommended this project report for evaluation.

Certified by:


Mr. Nimbalkar

(H.O.D.)


External Examiner


Internal Examiner



37 3

PROJECT REPORT ON,

Water Level Indicator

Submitted to

ANNASAHEB AWATE COLLEGE, MANCHAR.

For the Degree of

B.SC (PHYSICS)

By

GAWADE VIJAY KISAN

Dept. of Physics.

Annasaheb Awate College, Manchar – 410503

Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune

DEPARTMENT OF PHYSICS

Paper PHY-359



CERTIFICATE

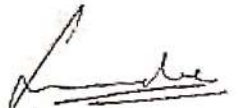
This is to certify that the work embodied in the project entitled "WATER LEVEL INDICATOR" is carried out for the partial fulfillment of the B.Sc. degree in Physics of the Savitribai Phule Pune University, Pune. This is the original work done by **Gawade Vijay kisan** student of T.Y.B.Sc (Physics). The work has been satisfactorily carried by her under our personal supervision and has completed to our entire satisfaction in the academic year 2022-23 .On the basis of the declaration made by his, we recommended this project report for evaluation.

Certified by:




Mr. Nimbalkar

(H.O.D.)



External Examiner



Internal Examiner





Rayat Shikshan Sanstha's
**Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu Science College, Manchar.**

Department of Physics

M.Sc. II

“Project”


2022-23



40

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Tal. Ambegaon, Dist. Pune
Department of Physics
M.Sc. II
Project List-2022-23

Sr.No.	Seat No.	Students Name	Project Titles
1	9351	Chaskar Sankalp. B.	Bifilar suspension of moment of inertia
2	9352	Deshmukh Omkar. D.	Dual energy μ . induction-hybrid system
3	9353	Khokarale Pranali. J.	Smart flexible solar powered umbrella
4	9354	Matade Vishal. D.	Solar thermal energy
5	9355	Neharkar Abhishek. C.	Nanotechnology & various characterization techniques
6	9356	Padekar Amol. P.	Power generation using speed breaker
7	9357	Padwal Gauri. K.	Laser interferometer gravitational wave observaory
8	9358	Rahtade Manish. S.	Light pollution
9	9359	Rokade Nishant. S.	Solar energy use and utilization
10	9360	Shaikh Salma. M.	Studies on oxide materials for TE effect power generation
11	9361	Sonawane Priya. D.	Solar Collector


Head
Department of Physics
A.A. College. Manchar



Structure of M. Sc. Physics (Choice Based Credit System)

To be implemented from the Academic Year 2020-21

Subject Name	Year	Semester	Course Type	Course Code	Course Name	Credit			
Physics	1	I	Core Compulsory Theory Paper (CCTP)	PHCT-111	Mathematical Methods in Physics	4			
				PHCT-112	Classical Mechanics	4			
				PHCT-113	Electronics	4			
			Choice Based Optional Paper (CBOP-I)	PHOT-114	Choose any one from Group I	Theory	4		
				PHOP-114		Practical	0		
			OR						
			CBOP-I	PHOT-114	Choose any one from Group I	Theory	2		
				PHOP-114		Practical	2		
			Core Compulsory Practical Paper (CCPP)	PHCP-115	Physics Lab-I		4		
			II	CCTP	PHCT-121	Electrodynamics		4	
		PHCT-122			Atoms and Molecules		4		
		PHCT-123			Quantum Mechanics		4		
		CBOP-II		PHOT-124	Choose any one from Group I	Theory	4		
				PHOP-124		Practical	0		
		OR							
		CBOP-II		PHOT-124	Choose any one from Group I	Theory	2		
				PHOP-124		Practical	2		
		CCPP		PHCP-125	Physics Lab-II		4		



Year	Semester	Course Type	Course Code	Course Name		Credit	
2	III	CCTP	PHCT-231	Statistical Mechanics		4	
			PHCT-232	Solid State Physics		4	
			PHCT-233	Experimental Techniques in Physics - I		4	
		CBOP-III	PHOT-234	Special-I from	Theory	4	
			PHOP-234	Group II	Practical	0	
		OR					
		CBOP-III	PHOT-234	Special-I from	Theory	2	
			PHOP-234	Group II	Practical	2	
		CCPP	PHCP-235	Physics Laboratory - III		4	
		IV	CCTP	PHCT-241	Nuclear Physics		4
	PHCT-242			Experimental Techniques in Physics-II		4	
	CBOP-IV		PHOT-243	Choose any one from	Theory	4	
			PHOP-243	Group I	Practical	0	
	OR						
	CBOP-IV		PHOT-243	Choose any one from	Theory	2	
			PHOP-243	Group I	Practical	2	
	CBOP-V		PHOT-244	Special-II from	Theory	4	
			PHOP-244	Group II	Practical	0	
	OR						
	CBOP-V	PHOT-244	Special-II from	Theory	2		
PHOP-244		Group II	Practical	2			
CCPC	PHCP-245	Project		4			
Total credits of M. Sc. Physics course						80	





"Education through self-help is our motto"



RAYAT SHIKSHAN SANSTHA'S
ANNASAHEB AWATE COLLEGE, MANCHAR
PUNE

2022-2023

PROJECT REPORT ON

**POWER GENERATION USING SPEED
BREAKERS**

PROJECT BY

Mr. Padekar Amol Pandurang

For the Degree of

M.Sc (PHYSICS)

UNDER THE GUIDANCE OF

Prof. VIKAS MHASKE sir

ANNASAHEB AWATE COLLEGE,
MANCHAR



RAYAT SHIKSHAN SANSTHA'S
ANNASAHEB AWATE COLLEGE,
MANCHAR

CERTIFICATE

This is to certify that Mr. Padekar Amol Pandurang
Has satisfactory carried out the project named
POWER GENERATION USING SPEED BREAKERS
According to the syllabus of
SAVITRIBAI PHULE PUNE UNIVERSITY
For the MSc (physics) course in the year 2022-

23

Date - /04/2023

Prof, Vikas Mhaske

(Project guide)
PHYSICS)

Examiners

1) Prof. Vikas Mhaske
18/05/23

Prof. Dr. Rajendra Nimbalkar

(HOD of

2) Prof. Dr. Rajendra Nimbalkar
18/05/23





"Education through self-help is our motto"



RAYAT SHIKSHAN SANSTHA'S
ANNASAHEB AWATE COLLEGE, MANCHAR
PUNE

2022-2023

PROJECT REPORT ON

Dual Energy Production-Hybrid Energy

PROJECT BY

Mr. Deshmukh Omkar Dilip

For the Degree of

MSc (PHYSICS)

UNDER THE GUIDANCE OF

Prof. VIKAS MHASKE sir

ANNASAHEB AWATE COLLEGE, MANCHAR



46

RAYAT SHIKSHAN SANSTHA'S
ANNASAHEB AWATE COLLEGE, MANCHAR

CERTIFICATE

This is to certify that Mr. DESHMUKH OMKAR DILIP

Has satisfactory carried out the project named

Dual Energy Production-Hybrid Energy

According to the syllabus of


SAVITERIBAI PHULE PUNE UNIVERSITY

For the MSc (physics) course in the year 2022-23

Date - /04/2023



Prof. Vikas Mhaske

(project guide)


Prof. Dr. Rajendra Nimbalkar

(HOD of PHYSICS)

Examiners


18/05/23


18/05/23



A

Project report on

**Study of Bifilar suspension of moment of inertia of thin solid rod
using IOT**

Submitted by

Mr. Chaskar Sankalp Bhanudas

Under the Prof. Vikas Mhaske Sir.

In partial fulfillment for the award of the degree

Of

MASTER OF SCIENCE

In

Physics

RAYAT SHIKSHAN SANSTHA'S

ANNASAHEB AWATE COLLEGE, MANCHAR



Savitribai Phule Pune University, Pune

May 2023

SEAT NO: 9351

2 | Page



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RAYAT SHIKSHAN SANSTHA'S
ANNASAHEB AWATE COLLEGE, MANCHAR

DEPARTMENT OF PHYSICS

CERTIFICATE


This is to certify that this project report "Study of Bifilar suspension of moment of inertia of thin solid rod using IOT" is the bonafide work of Mr. Chaskar Sankalp Bhanudas. M.Sc. -II (Physics) during the academic year 2022-2023 who carried out the project work under my supervision.

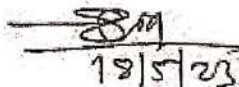

Project Guide

(Prof. Vikas Mhaske)


Head of Department

(Prof. Dr. Rajendra Nimbalkar)


INTERNAL EXAMINER


EXTERNAL EXAMINER



Smart flexible solar power umbrella

A PROJECT REPORT

Submitted by

MISS. Khokrale Prana: Jagannath

EXAM SEAT NO:9353

In Partial fulfillment the award of degree of

Master of Science in

PHYSICS

ANNSAHEB AWATE COLLEGE,

MANCHAR.

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

411 007

MAY 15/05 / 2023



SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

411 007

BONAFIED CERTIFICATE

Certified that this project report

Smart flexible solar power umbrella

"MISS. Khokrale Pranali Jagannath

Of

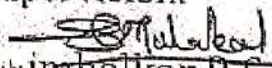
Msc..(physics)

During the academic year 2022-2023 who carried out the

Projects work under my supervision.

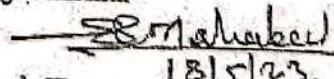

Prof. Mhaske V.P.

(Guide)


Prof. Nimbalkar R.S.

Head
(Head of the Dept of Physics)
Department of Physics
A.A. College, Manchar


Internal Examiner
18/05/23


External Examiner
18/5/23.



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Rayat Shikshan Sanstha's
ANNASAHEB AWATE COLLEGE, MANCHAR

CERTIFICATE




This is to certify that Mrs. SALMA MEHFUZ SHAIKH has satisfactorily carried out the project named
STUDIES ON OXIDE MATERIALS FOR THERMOELECTRIC POWER GENERATION

According to the syllabus of
SAVITRIBAI PHULE PUNE UNIVERSITY
For the M.Sc. (Physics) course in the year 2022-23

Date - 18/05/2023


Prof. Vikas Mhaske


(Project Guide)

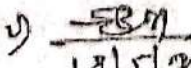

Prof. Dr. Rajendra Nimbalkar

(HOD of Physics)

Department of Physics
A.A. College, Manchar

Examiner


18/05/23


18/5/23





Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma

Babu Genu Science College, Manchar.

Department of Chemistry

M.Sc. II

“Project”

2022-23





Savitribai Phule Pune University

(Formerly University of Pune)

Two Year Post-Graduate Program in Chemistry

(Faculty of Science & Technology)

Choice Based Credit System Syllabus (2019 Pattern)
of

M.Sc. (Chemistry) Part-II

Physical Chemistry, Inorganic Chemistry, Organic Chemistry
Drug Chemistry and Analytical Chemistry

for

Colleges Affiliated to Savitribai Phule Pune University

Implemented from Academic Year
2020-2021



Title of the Course: M.Sc. (Chemistry) (Part-II)

1. Structure of the Course:

Basic structure/pattern (Framework) of the proposed postgraduate syllabus for the two years integrated course leading to M.Sc. (Chemistry) in the colleges affiliated to Savitribai Phule Pune University. The general structure for the M. Sc-II year Chemistry (all specializations) is as follows:

Semester - III			Credit
Sr. No.	Paper No	Description	
1	CCTP-7	Core Compulsory Theory Paper	4
2	CCTP-8	Core Compulsory Theory Paper	4
3	CCTP-9	Core Compulsory Theory Paper	4
4	CBOP-3	Choice Based Optional Paper - Theory	4
5	CCPP-3	Core Compulsory Practical Paper	
Semester-IV			Credit
6	CCTP-10	Core Compulsory Theory Paper	4
7	CCTP-11	Core Compulsory Theory Paper	4
8	CBOP-4	Choice Based Optional Paper - Theory	4
9	CBOP-5	Choice Based Optional Paper – Practical/ Project	4
10	CCPP-4	Core Compulsory Practical Paper	4

Choice of the optional papers: All colleges are encouraged to give the choice of optional papers to the students and conduct the separate classes if 40% or more students opt a different course than 60% or less students.

The specializations are:

1. Physical Chemistry
2. Inorganic Chemistry
3. Organic Chemistry
4. Drug Chemistry
5. Analytical Chemistry
6. Biochemistry

2. Teaching Hours

a) **Theory** – Each credit of theory is equivalent to 12 teaching hours + 3 tutorial hours. For 1 credit of theory there will be 1 L of 1 hour per week. Thus, 1 theory course will have total 15 weeks of teaching and it will be distributed as of 48 h for teaching and 12 h for tutorials and internal evaluation. In case of theory paper consisting of sections, each section is of 2 credits and time allotted will be 24 h teaching and 6 h for tutorials and internal evaluation.

b) **Practical** – Each credit of practical is equivalent to 24 teaching hours + 6 tutorial hours. For 1 credit of practical there will be 2 L of 1 h per week. Thus, 1 practical course will have total 15 weeks of teaching and it will be distributed as of 96 h for performing practical and 24 h for tutorials and internal evaluation. i) Each experiment will be allotted 4 h time (one practical session) and for 1 course two sessions of 4 h per week should be allotted or ii) In case practical course is extended for one year, then total 30 weeks (15 week per sem.) and 4 h



Savitribai Phule Pune University

(Formerly University of Pune)

Two Year Post-Graduate Program in Chemistry

(Faculty of Science & Technology)

Choice Based Credit System Syllabus (2019 Pattern)
of

M.Sc. (Chemistry) Part-II

**Physical Chemistry, Inorganic Chemistry, Organic Chemistry
Drug Chemistry and Analytical Chemistry**

for

Colleges Affiliated to Savitribai Phule Pune University

**Implemented from Academic Year
2020-2021**



3. M.Sc. (II) Organic Chemistry

Course Structure

Sr. No.	Paper No. & Course Code	Course Name	Credits
Semester - III			
1	CCTP-7 CHO-350	Organic Reaction Mechanism and Biogenesis	4
2	CCTP-8 CHO-351	Structure Determination of Organic Compounds by Spectroscopic Methods	4
3	CCTP-9 CHO-352	Stereochemistry and Asymmetric Synthesis of Organic Compounds.	4
4	CBOP-3 CHO-353 Theory	CHO-353-A) Protection - De-protection, Chiron approach and Carbohydrate Chemistry	4
		Or	
		CHO-353B) Designing Organic Syntheses and Heterocyclic Chemistry	4
5	CCPP-3 CHO-354	Practical I: Solvent Free Organic Synthesis	4
Semester - IV			
6	CCTP-10 CHO-450	Chemistry of Natural Products	4
7	CCTP-11 CHO-451	Organometallic Reagents in Organic Synthesis	4
8	CBOP-4 CHO-452 Theory	CHO-452 A) Medicinal Chemistry	4
		CHO-452 B) Applied Organic Chemistry	4
9	CBOP-5 CHO-453 Practical	Practical III: Select any two Sections	4
		Section-I: Ternary Mixture Separation	2
		Section-I: Carbohydrates Synthesis and Isolation of Natural Products	2
		Section-I: Project / Industrial Training/ Internships/ Summer Project	2
10	CCPP-4 CHO-454	Practical II: Convergent and Divergent Organic Syntheses.	4



CBOP-5, CHO-453: Practical-III: Select ANY TWO Section I, II and III
[96 L + 24 T]

Section-I: Ternary Mixture Separation [48 L + 12 T]

Separation of minimum 12 mixtures containing three components. The mixtures should also involve separation of nitrophenols, amino acids, low boiling and water soluble and insoluble compounds solids and liquids with **multifunctional groups**. The mixture separation should be carried out on micro-scale using ether or water.

The students should be able to

1. Understand and employ concept of type determination and separation
2. Meticulously record physical constants
3. Perform micro scale chemical elemental analysis
4. Perform qualitative estimation of functional groups
5. Recrystallize /distill the separated compounds
6. Extend these skills to organic synthesis

Section-II: Carbohydrates Synthesis and Isolation Natural Products
[48 L + 12 T]

Unit I: Carbohydrate Synthesis (Any 3)

- 1) Synthesis and structural determination of α - and β -D-glucose penta- acetate.
- 2) Selective deacylation of α - and β -D-glucose penta-acetate.
- 3) Benzoylation of D-glucose.to D-glucose penta-benzoate.
- 4) Selective debenzoylation of D-glucose penta-benzoate
- 5) Synthesis 1,2:5,6-di-O-isopropylene-D-glucofuranose.
- 6) Synthesis of 1,2: 5,6 – di-O-isopropylene-3-O-benzyl –D-glucofuranose.

Note:

Carbohydrate (sugar molecules) are highly soluble in water, to derivatives the sugar molecules require special practical skill in order to get product in hand.

- i) To understand the meaning of dry condition in reaction.
- ii) How to prepare dry solvents.
- iii) Workup of reaction in minimum quantity of water.
- iv) To acquire skill in handling of carbohydrates reaction.

Unit II: Isolation of pigments from the natural products (Any 3)

1. Orange Marigold
2. Rose
3. Sunflower
4. Hibiscus
5. Any colored flowers/fruits available in the local area (**only one is allowed**).

Note: Students should be able to collect reasonable quantities of color pigments to do the characterization (Physical Constant, Elemental analysis functional group test etc) and should also form the appropriate derivative. They are encouraged to use these pigments for developing food grade natural colors from lesser known plant sources.

Unit III: Isolation of essential oils from the natural products (Any 3)

1. Ginger
2. Lemongrass
3. Garlic
4. Ajwain/ajowan/Trachyspermum ammi
5. Vekhand (achourus calamus) root

6. Any natural products available in the local area (**only one is allowed**)

Note: Students should be able to collect a reasonable quantities of essential oils to do the characterization (Physical Constant, Density, Elemental analysis functional group test) Should form the appropriate derivative. They are encouraged to use these essential oils for the development of the products like soap, perfumes etc.

Unit IV: Isolation of medicinally important component from the natural products (Any 3)

1. Nimbin from Neem leave
2. Amyrin from Apati/Apta bark
3. Eujenol from Tulsi leaves
4. D-Galacturonic Acid from Jeshtamadh
5. Piper from Betel leaf
6. Any medicinally important plants available in the local area (**only one is allowed**)

At least one natural product should be isolated by using column chromatographic techniques (Use micro columns to avoid excess use of solvents)

Note: Students should be able to collect a reasonable quantities natural products to do the characterization (Physical Constant, solubility, Elemental analysis functional group test etc) and should also form the appropriate derivative. They are encouraged to study novel medicinal plants from their local area.

References for Carbohydrates:

1. Essentials of Carbohydrate and Chemistry and Biology: Thisbe K. Lindhorst, WILEY-VCH, 2000.
2. Kawanata, K. P. R. Tetrahedron Lett. 1986, 27, 3415.
3. Bessodes, M., Shamszar, J. Antonakies, K., Synthesis, 1988, 560.

Section-III: Project [48 L + 12 T]

Project/ Industrial Training/Summer Training/ Internships

1. Students should carry out a small research project.
2. This should make them familiar with
 - i. Literature survey, research methodologies
 - ii. Data Analysis
 - iii. Column and TLC chromatographic techniques
 - iv. Characterization of the products by analytical and spectral methods.
3. **Project report must be written and submitted in a proper format as follows;**
 - i) Certificate (Signed by Project guide and Head of the Department)
 - ii) Certificates for Poster/Paper presented in conferences (if any)
 - iii) Self declaration certificate for plagiarism
 - iv) Introduction (not more than 6 pages)
 - v) Results and Discussions
 - vi) Experimental Section
 - vii) Conclusion
 - viii) References (Use ACS format)
 - ix) Spectroscopic or other relevant supporting data
 - x) Acknowledgement
4. Interdisciplinary projects shall be encouraged; however there **must be some organic chemistry component.**
5. Students should spend enough time for the project works (**at least 4 hours per week for 15 weeks**)
6. At least 30% students should undertake projects/summer training/Internships etc.
7. If student is performing project in another institute, for such a student, internal mentor must be allotted and he will be responsible for internal assessment of a student. In this



4. Salicylaldehyde to o-Formylphenoxy acetic acid
5. Salicylaldehyde to catechol

SET-IV**A) Convergent Synthesis- 4 (Three Stage Synthesis)**

1. Stage I: Benzene to acetophenone (F.C acylation)
2. Stage II: 4-Nitrochlorobenzene into 4-amino chlorobenzene (Reduction by using hydrazine)
3. Stage III: Quinoline synthesis by using acetophenone, 4-amino chloro benzene and styrene (One pot synthesis: [3 + 2 + 1] cycloaddition reaction)

B). Divergent Synthesis-4 (5 Single Stage Synthesis from Acetophenone)

1. Acetophenone to Ethyl benzene by Wolf Kishner reduction
2. Acetophenone to m-Nitro acetophenone by nitration
3. Acetophenone to Chalcone using aromatic aldehyde
4. Acetophenone into Schiff base using aromatic amine
5. Acetophenone to Benzoic acid and Iodoform

References

1. Practical organic chemistry by Mann and Saunders
2. Text book of practical organic chemistry –by Vogel
3. The synthesis, identification of organic compounds –Ralph L. Shriner, Christine K.F.
4. Hermann, Terence C. Morrill and David Y. Curtin

Important Notes for Practical Courses

- All experiments should be carried out on micro-scale and by considering stoichiometric quantities of reactants and reagents with the proper understanding of the mechanism.
- Post graduate departments should arrange at least **one study visit to relevant industry/national research laboratory/premier academic institute.**
- Students must read MSDS and should handle chemicals and reactions accordingly.
- The necessary reactions should be carried out in fume hood and appropriate safety measures should be taken during the laboratory experiments and projects.
- All reactions should be **monitored using alumina coated TLC plates.**
- Certified journals should be presented at the time of final examination.
- Students opting for the projects are encouraged to participate in AVISHKAR, national and international conferences and other project competitions.
- Teachers are encouraged to give the project ideas based on the societal needs.

Rayat Shikshan Sanstha's
Annasaheb Awate College, Manchar
Department of Chemistry
List of PG Project (2022-2023)

Sr. No.	Name of the Project Guide	Name of the Student	Title of Project
1.	Dr.A.A.Kale	Gupta Sagar Virendra	To Study Adsorption Capacity of Alizarin Red Dye By Sulphated Biomass of Ailanthus excelsa
2.	Dr.S.T.Shinde	Atul Narayan Jadhav	Green Synthesis of Benzimidazole Derivative using $AlCl_3@ZnO$ NPs"
3.	Dr.S.T.Shinde	Gayatri Mahesh Kumbhar	Green Synthesis of 1,4 Dihydropyridine Derivatives using $AlCl_3@ZnO$ NPs"
4.	Dr.S.T.Shinde	Pratik Vishnu Jadhav	Synthesis of Benzimidazole Derivative in DMSO using $AlCl_3@ZnO$ NPs"
5.	Dr.S.T.Shinde	Pooja Gulab Gawade	Novel & Green Synthesis of 1,4 Dihydropyridine Derivative using $AlCl_3@ZnO$ NPs"
6.	Dr.R.B.Gawade	Shingade Vaibhav Dasharath	DBUH- I_3 Catalyzed Synthesis of Thiosemicarbazone Derivative of Benzaldehyde
7.	Dr.R.B.Gawade	Ghegade Ramkrushna Vitthal	DBUH- I_3 Catalyzed Synthesis of Thiosemicarbazone Derivative of Benzaldehyde
8.	Dr.R.B.Gawade	Tormal Rushikesh Sudam	DBUH- I_3 Catalysed Synthesis of 2,3,5 trisubstituted imidazole
9.	Dr.R.B.Gawade	Patil Tulshidas Narsinha	DBUH- I_3 Catalysed Synthesis of 2,3,5 trisubstituted imidazole
10.	Dr.R.B.Gawade	Ghule Swapnil Bhagwat	DBUH- I_3 An Efficient Catalyst for Synthesis of arylidene derivative of Isoxazole.
11.	Hinge V.B	Pawar Sudarshan karnasaheb	Photocatalytic Degradation of Organic Pollutants by ZnO Nanoparticles
12.	Hinge V.B	Hinge Tejas Navnath	Photocatalytic Degradation of Organic Pollutants by Cu Doped ZnO
13.	Hinge V.B	Lande Siddesh Arjun	Photocatalytic Degradation of Organic Dyes using $WO_3, g-C_3N_4$ and its composites
14.	Dr.Jadhav H.S Dr.S.T.Shinde	Sanket Baban Ichake	Modified Graphite electrode for high performance Li-ion batteries



15.	Dr.Jadhav H.S Dr.S.T.Shinde	Pratik Vishnu Jadhav	Modification of Separator using graphitic carbon nitride (g-CN)for high performance Li-S batteries
16 15.	Dr.N.D.Khupse Dr.A.A.Kale	Kale Maya Vikram	Design and Synthesis of Ionic Liquid Electrolyte for Lithium ion Battery.
17 16.	Dr.N.D.Khupse Dr.A.A.Kale	Dharade Gauri.A	Synthesis and Characterization of Pyrrolidinium based ionic liquids
18 17.	R.S.Pawar	Khude Kunal Vishwanath	To Study Adsorption Capacity of Alizarin Red Dye By Sieved Biomass of Ailanthus excelsa



Rayat Shikshan Sansha's

Annasaheb Awate Art's, Commerce & Hutatma Babu

Genu Science College, Manchar, Tal- Ambegaon,

Dist.-Pune



CERTIFICATE

This is to certify that, the work incorporated in this project report entitled "DBUH-₁₃ catalyzed synthesis of 2,3,5 trisubstituted imidazole" being submitted to the Department of Chemistry, Annasaheb Awate College, Manchar affiliated to Savitribai Phule Pune University, Pune for the course no. CHIO- 453 was carried out by Mr. Tormal Rushikesh Sudam under my supervision at Annasaheb Awate College, Manchar, Tal-Ambegaon, Dist.- Pune (MS) India- 410503.


Prof. R. B. Gawade

(Asst. Professor & Project Guide

Department of Chemistry

Annasaheb Awate College, Manchar)


Dr. A. A. Kale


(Professor & Head Department

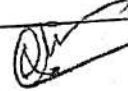
of Chemistry,

Annasaheb Awate College, Manchar.)

Date: 07/05/2023

Place: Manchar

Examiner - 1² Dr. Kale A-A 


Examiner - 2 Dr. Shinde S-T. 



CERTIFICATE

This is to certify that, the work incorporated in this project report entitled "DBUH-I₃ Catalyzed Synthesis of Thiosemicarbazone Derivatives of Benzaldehyde" being submitted to the Department of Chemistry, Annasaheb Awate College, Manchar affiliated to Savitribai Phule Pune University, Pune for the course no. CHO- 453 was carried out by Mr. Shingade Vaibhav Dashrath under my supervision at Annasaheb Awate College, Manchar, Tal-Ambeagaon, Dist.- Pune (MS) India-410503.






Head
Department of Chemistry
A. A. College, Manchar,
Tal. Ambeagaon, Dist. Pune
(Professor & Head of Department)

of Chemistry,

Annasaheb Awate College, Manchar.)

Examiners

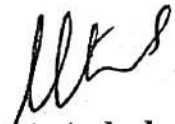
1) Dr A.A. Kale 

2) Dr. S.T. Shinde 



CERTIFICATE

This is certify that Mr. Hinge Tejas Navnath student of M.Sc. Analytical Chemistry has worked on "Photocatalytic Degradation of Organic Pollutant by Cu Doped ZnO" submitted to Department of Chemistry, Annasaheb Awate College Manchar. Savitribai Phule Pune University, Pune, as a "partial fulfilment of requirement of the degree of master of science for course no. CHA-493



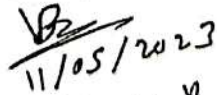
Dr. A.A. kale
Head of Department of Chemistry,
Annasaheb Awate College Manchar

Head
Department of Chemistry
A. A. College, Manchar,
Tal. Ambegaon, Dist. Pune



R.S. Pawar

Internal examiner



11/05/2023

Mr. V.B. Hinge

External examiner





Rayat Shikshan Sanstha's
**Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu Science College, Manchar.**

Department of Zoology

T.Y.B.Sc. Sem VI

“Project”

2022-23



I. Course Structure:

Course Structure with Credit Distribution of the Undergraduate Science Program in Zoology

Course	Course Code and Name of the Course		Credits
F. Y. B. Sc.	SEMESTER I	SEMESTER II	
CC	ZO-111 Animal Diversity I	ZO-121 Animal Diversity II	2+2
CC	ZO-112 Animal Ecology	ZO-122 Cell Biology	2+2
CC	ZO-113 Zoology Practical Paper	ZO-123 Zoology Practical Paper	1.5+1.5
S. Y. B. Sc.	SEMESTER III	SEMESTER IV	
CC	ZO-231 Animal Diversity III	ZO-241 Animal Diversity IV	2+2
CC	ZO-232 Applied Zoology I	ZO-242 Applied Zoology II	2+2
CC	ZO-233 Zoology Practical Paper	ZO-243 Zoology Practical Paper	2+2
AECC	EVS 231-Environment Awareness	EVA 241-Environment Awareness	2+2
AECC	LA 231-English / Marathi	LA 241- English / Marathi	2+2
T. Y. B. Sc.	SEMESTER V	SEMESTER VI	
DSEC	ZO-351 - Pest Management	ZO-361 - Medical & Forensic Zoology	2+2
DSEC	ZO-352 - Histology	ZO-362 - Animal Physiology	2+2
DSEC	ZO-353 - Biological Chemistry	ZO-363 - Molecular Biology	2+2
DSEC	ZO-354 - Genetics	ZO-364 - Entomology	2+2
DSEC	ZO-355 - Developmental Biology	ZO-365 - Techniques in Biology	2+2
DSEC	ZO-356 - Parasitology	ZO-366 - Evolutionary Biology	2+2
DSEC	ZO-357 - Zoology Practical Paper 1	ZO-367 - Zoology Practical Paper 1	2+2
DSEC	ZO-358 - Zoology Practical Paper 2	ZO-368 - Zoology Practical Paper 2	2+2
DSEC	ZO-359 - Zoology Practical Paper 3	ZO-369 - Zoology Practical Paper 3	2+2
SEC	ZO-3510 - Aquarium Management	ZO-3610 - Environmental Impact Assessment	2+2
SEC	ZO-3511 - Poultry Management	ZO-3611 - Project	2+2



Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College
Manchar, Tal. Ambegaon, Dist. Pune

DEPARTMENT OF ZOOLOGY

List of Project: T. Y. B. Sc.

Sr. No.	Name of the Student	Name of the Project	Project Guide
1.	Akshay Navnath Bankhele	Biodiversity of Odonata from the Annasaheb Awate College Campus, Manchar	Prof. Snehal Kale
2.	Gaikwad Siddhant Sangram	Analysis and Identification of fingerprints from Annasaheb Awate college, Manchar.	Prof. H.J. Gavit
3.	Shivani Lohakare	Preparation of Medicament from fruit Peels	Prof. H.J. Gavit
4.	Alisha Shabbir Mulani	Biodiversity Of Lepidoptera from Annasaheb Awate College Campus, Manchar	Prof. S. T. Pokale
5.	Pathan Aamina Hussain khan	Green Synthesis of MgO ₂ Nanoparticles by using aquas leaves extract of Eicchornia crappises	Prof. S. A. R. Sayyed
6.	Pathan Sarfarazkhan yusufkhan	Extraction and Application of Chitosan from Fish Scale	Dr. S. S. Patil
7.	Sable Shubham Nandraj	Analysis of Physico-chemical parameters of water from Annasaheb Awate college lake, Manchar	Prof. S. T. Pokale
8.	Shinde Pooja R.	Modern Survey Instruments & Their Principle use in zoology laboratory, Annasaheb Awate college, Manchar.	Dr. S. S. Patil
9.	Rajguru Kartiki Rajaram	Assessment of larvicidal Activity of <i>Aphanomyxis polystachya</i>	Prof. Snehal Kale



S. T. Pokale
Head
Department Of Zoology
A.A.College, Manchar



A PROJECT REPORT

Entitled

"Green Synthesis of MgO₂ Nanoparticles from *Eicchornia crassipes* leaf extract and its phytotoxic Effect on *Triticum Aestivum*"

Submitted to

DEPARTMENT OF ZOOLOGY

Rayat Shikshan Sanstha's

**Annasaheb Awate Arts, Commerce & Hutatama Babu
Genu Science College, Manchar**

Tal. Ambegaon, Dist. Pune
(NAAC Reaccredited 'A' Grade)

For the Partial Fulfilment of

BACHELOR OF SCIENCE IN ZOOLOGY

By

Miss. Pathan Aamina Hussain Khan

T. Y. B. Sc.

Under the Guidance of

Ms. Sayyed Shabnam A. Raheman

Asst. Professor

Department of Zoology

**Annasaheb Awate Arts, Commerce & Hutatama Babu Genu Science college,
Manchar**

(Year 2022-2023)



Certificate


This is to certify that, the project work incorporated in the report entitled "Green Synthesis of MgO₂ Nanoparticles from Eicchornia crassipes leaf extract and determination of its phytotoxic Effect on Triticum Aestivum" submitted by Miss. Pathan Aamina Hussain Khan for the partial fulfilment of Bachelor of Science in Zoology as per the rules and regulations of Savitribai Phule Pune University, Pune is based on the data collected by her. The project work has not been previously formed the basis for the award of any degree, diploma, assosiationship, fellowship or any other similar titles.

Place: Manchar

Date:



Ms. Sayyed Shabnam A. Raheman.
Project Supervisor

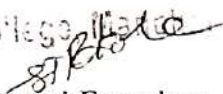


Mr. S. T. Pokale
Head, Department of Zoology

Head

Department Of Zoology

A.A. College, Manchar



External Examiner



Internal Examiner




Certificate

This is to certify that, the project work incorporated in the report entitled- **Extraction Characterization and Application of Chitosan From Fish Scales "** submitted by **Mr. Pathan SarfarazKhan Yusufkhan** for the partial fulfilment of Bachelor of Science in Zoology as per the rules and regulations of Savitribai Phule Pune University, Pune is based on the data collected by his.. The project work has not been previously formed the basis for the award of any degree, diploma, assosiationship, fellowship or any other similar titles.

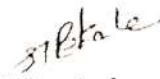
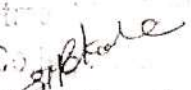
Place:Manchar.

Date:


Dr. Swapna S. Patil
Project Supervisor


Internal Examiner




Dr. S.T. pokale .
Head. Department of Zoology
Department
A.A. College

External Examiner



A PROJECT REPORT
Entitled

**"Analysis of Physico-Chemical
Parameters of Water from Annasaheb Awate College Lake Manchar"**

Submitted to

DEPARTMENT OF ZOOLOGY

Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatama Babu

Genu Science College, Manchar

Tal. Ambegaon, Dist. Pune

(NAAC Reaccredited 'A' Grade)

For the Partial Fulfilment of

BACHELOR OF SCIENCE IN ZOOLOGY

By

Mr. Shubham Nandraj Sabale

T. Y. B. Sc.

Under the Guidance of

Mr. S.T. POKALE

Head of the department

Department of Zoology

**Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science college,
Manchar**




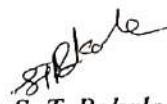
(Year 2022-2023)

Certificate

This is to certify that, the project work incorporated in the report entitled "**Analysis of Physico-Chemical Parameters of Water from Annasaheb Awate College Lake Manchar**" submitted by **Mr. Sabale Shubham Nandraj** for the partial fulfilment of Bachelor of Science in Zoology as per the rules and regulations of Savitribai Phule Pune University, Pune is based on the data collected by her. The project work has not been previously formed the basis for the award of any degree, diploma, assosiationship, fellowship or any other similar titles.

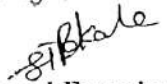
Place: Manchar Date:


Mr. S. T. Pokale
Project Supervisor


Mr. S. T. Pokale
Head, Department of Zoology
Head
Department of Zoology
A.A.College, Manchar


Internal Examiner




External Examiner



Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma

Babu Genu Science College, Manchar.

Department of Environment Studies

S.Y.B.Sc. III

“Project”

2022-23



Unit 1 : Introduction to environmental studies

- Multidisciplinary nature of environmental studies;
- Scope and importance; Concept of sustainability and sustainable development.

(2 lectures)

Unit 2 : Ecosystems

- What is an ecosystem? Structure and function of ecosystem ; Energy flow in an ecosystem : food chains, food webs and ecological succession. Case studies of the following ecosystems :

a) Forest ecosystem

b) Grassland ecosystem

c) Desert ecosystem

d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

(8 lectures)

Unit 3 : Natural Resources : Renewable and Non-renewable Resources

- Land resources and land use change; Land degradation, soil erosion and desertification.
- Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
- Water : Use and over-exploitation of surface and ground water, floods, droughts conflicts over water (international & inter-state).
- Energy resources : Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

(10 lectures)

Unit 4 : Biodiversity and Conservation

- Levels of biological diversity : genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots
- India as a mega-biodiversity nation; Endangered and endemic species of India
- Threats to biodiversity : Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.
- Ecosystem and biodiversity services : Ecological, economic, social, ethical, aesthetic and Informational value.

(10 lectures)

References :

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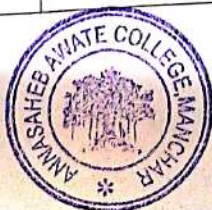


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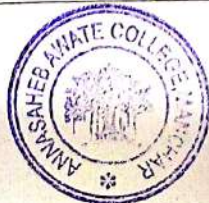


Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College
 Manchar, Tal. Ambegaon, Dist. Pune
 Environmental Studies(2019 pattern)
 S.Y.B.Sc. Environment Project List 2022-23

Sr.No.	Exam No.	Students Name	Project Title
1.	4201	BAGAL NIKITA MAHESH	Climate Change. One thing is certain: We'll always have an environment. ...
2.	4202	BAGAL TEJASWINI TANHAJI	Fire Ecology. Rising temperatures also means more wildfires. ...
3.	4203	BANGAR SAYALI SUNIL	Renewable Energy. ...
4.	4204	CHASKAR MAYURI RAJESH	Urban Ecology. ...
5.	4205	CHAVHAN AKSHAY KAILAS	Remote Sensing and Geographic Information Systems. ...
6.	4206	CHIKANE AKSHAY SHIVAJI	Bioremediation. ...
7.	4207	CHIKHALE PRANALI PRAVIN	Noise and Light Pollution. ...
8.	4208	CHIKHALE SHUBHANGI BALASAHEB	Limnology.
9.	4209	DHUMAL SIDDHESH SHARAD	Air pollution
10.	4210	GABHALE PRATHAMESH RAJENDRA	Biodiversity
11.	4211	GANJALE SIDDHIRAJ KAILAS	Chemicals
12.	4212	GAVARI PRITESH RANGNATH	Climate change
13.	4213	GAWADE KAJAL KHANDU	Environment and health
14.	4214	GAWADE OMKAR BALU	Land use
15.	4215	GAWADE VAISHNAVI VILAS	Natural resources
16.	4216	GENGAJE VINAY VIJAY	Noise
17.	4217	GHODEKAR NAMRATA BALASAHEB	Soil
18.	4218	GUNJAL CHETAN BABAN	Waste and material resources
19.	4219	HINGE ASHWINI NAVNATH	Water
20.	4220	HINGE SAKSHI MANIK	RISKS AND SAFETY ON THE USE OF AQUATIC RESOURCES
21.	4221	INAMDAR MISBA ANIS	Climate Change
22.	4222	JANGALE TEJAL NANDKUMAR	Renewable Energy
23.	4223	KARALE GAYATRI DATTATRAY	Urban Ecology
24.	4224	KENGALE DIVYA SANTOSH	Land and Water Use



25.	4225	KIRVE SONAL PRAKASH	Pollution
26.	4226	KONDHAWALE SAKSHI HARIDAS	Environmental Science Topics for College Students
27.	4227	LANGHI GANESH MARUTI	Energy Resources and Consumption
28.	4228	NETAKE NIKITA DASHRATH	Population
29.	4229	NIGHOT OM VASANT	Noise and Light Pollution
30.	4230	NIGHOT SHUBHAM DASHARATH	Conservation Biology
31.	4231	OVHAL BHAGYASHRI RAHUL	The pros and cons of hydropower.
32.	4232	PHALKE PRADIP SURESH	Solar energy and pollution.
33.	4233	RAKSHE ADITI DATTATRAY	Solar energy to help the economy.
34.	4234	SANAS VINIT ANIL	Geothermal energy: an unlikely major energy source?
35.	4235	SHINDE TANUJA JAYSING	The problems caused by renewable energies.
36.	4236	SOMAVANSHI KETAN VIJAY	Understanding geothermal energy.
37.	4237	SUKRE SAHIL BABAJI	Are hydrogen fuel cells a viable alternative?
38.	4238	TELI BHAGYSHRI BASURAJ	The advantages and disadvantages of solar power.
39.	4239	THORAT ADITI KAILAS	Transporting geothermal energy: a study.
40.	4240	UDHANE JAYSHRI RAMDAS	The challenges of large-scale biomass energy use.
41.	4241	UNDE NIKITA RAJENDRA	How do unequal urban planning and greenspace distribution affect temperatures in a city?
42.	4242	VARPE DHANASHREE SANTOSH	How does urbanization affect surrounding rural areas?
43.	4243	WAYKAR PRADNYA RAMDAS	How is the local climate affected by buildings and pavements?
44.	4244	YEWLE RIYA CHANDRAKANT	What is the urban heat island effect?
45.	4245	CHAVAN PRIYA VIJAY	How are water sources affected by urbanization?
46.	4246	DAUND HARSHADA DNYANESHWAR	How has human development affected our green spaces?
47.	4247	GAIKWAD SUSHANT SUNIL	How is social identity linked to urbanization?
48.	4248	HINGE SHWETA NARAYAN	What impact does transport have on rural locations?
49.	4249	AGARKAR PALLAVI BHAGAWAT	How can the natural environment be integrated into urban planning and design projects?
50.	4250	CHAVAN POOJA GOPAL	What is water harvesting?
51.	4251	ERANDE DNYANESHWARI VITTHAL	How do unequal urban planning and greenspace distribution affect temperatures in a city?
52.	4252	KHARADE MANISHA MANJERAM	How does urbanization affect surrounding rural areas?



53.	4253	LANDE RUSHIKESH ARJUN	How is the local climate affected by buildings and pavements?
54.	4254	MORE HARSH SANJAY	What is the urban heat island effect?
55.	4255	RAKSHE OMKAR GAHININATH	How are water sources affected by urbanization?
56.	4256	SHINDE NILAM SHYAM	How has human development affected our green spaces?
57.	4257	SHINDE OMKAR SANTOSH	How is social identity linked to urbanization?
58.	4258	SHINDE TEJAS TANAJI	What impact does transport have on rural locations?
59.	4259	PADWAL NIKITA BALASAHEB	How can the natural environment be integrated into urban planning and design projects?
60.	4260	SARODE PRATHAMESH RAMDAS	What is water harvesting?
61.	4261	JADHAV ADITYA BHARAT	How do unequal urban planning and greenspace distribution affect temperatures in a city?
62.	4263	SABALE OMKAR SUNIL	How does urbanization affect surrounding rural areas?



Spatkar
Head
Department Of Zoology
A.A.College, Manchar

Rayat Shikshan Sanstha's
Annasaheb Awate Art's, Commerce and
Hutatma Babu Genu Science College
Manchar, Tal- Ambegaon, Dist-Pune
Department of Environment

Project on

How is Social identity linked to Urbanization ?

Submitted by

Shinde Omkar Santosh

Exam Seat No - 4257

Class - SYBSc. Semester - IV
2022-23


Subject Incharge




Head
Department Of Zoology
A.A.College, Manchar

RAVAT SUKSHMAN SANGHAI
 ANNASAIHEB AWATE COLLEGE
 MANCHAR

Name:- Bagal Tejaswini Tanhaji

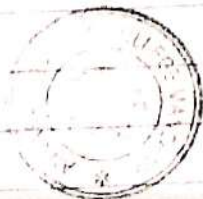
Class:- 54. Bsc

Subject:- Environmental Awareness

Roll No:- 4202

Project Name:- "Fire ecology, Rising Temperature
 also mean more wild fires"

~~Head~~
 Subject Teacher:- kale Mam.



Sipokale :
 Head
 Department of Zoology
 A.A. College, Manchar

Amruteshwar Amruteshwar

Amruteshwar Amruteshwar

NAME - Chikhale Pranali Pravin

Roll No - 4207

Subject - Environment Awareness

Class - S.Y. Bsc

Topic - Noise And Light Pollution

~~Signature~~
Teacher Incharge



~~Signature~~

Head
Department of Zoo
A A College, Mumbai



Annasaheb Awate

College Manchar 410503

Name - Ovhal Bhagyashri Rahul.

Class - S.Y. B.Sc.

Subject - Environmental Science.

Seat No. -

Roll No. -

Project Name - Pros & cons of hydropower

Guidance - Prof. Kale Mam

Prof. Sayyed Mam.

Prof. Kale

Prof. Kale



SPECIAL ELECTIVE SUBJECT - GROUP A (ADVANCED ACCOUNTING & TAXATION)
Subject: PROJECT WORK / CASE STUDIES Course Code: 404 Total Credits: 04

Project Work in Accounting and Taxation

A student can select any topic relating to principles practices and procedures of accounting auditing taxation and management accounting. Any topic from the syllabus of the papers studied at M Com. Part One or Part Two under special paper Accountancy & Taxation can be of a use. Pick up any unit studied and try to connect it to commercial word around e.g. in taxation a student has studied taxation of a company, then he can select a topic Tax Planning of a particular company or a study of taxation of an educational institute. On this line following areas have been listed out for project work in Accountancy.

Area of Project Work in Accounting:-

Following is the list of topics for project work in Accounting.

1. Financial statement Analysis of –
 - a. A Limited Company for 5 years
 - b. Five Companies of five different industries
 - c. Five companies of one industry e.g. Automobile, Engineering, Textile
 - d. Five banks from Private sector/Co-op. sector
2. Study of Working Capital Management of a large Company.
3. Study of Budgetary Control System of four Companies
4. Study of Management Information System of four Companies.
5. Procedure of preparation of Consolidated Balance Sheet by Holding Company having two / three subsidiaries companies.
6. Valuation of Shares of 10 unlisted Companies.
7. A study of Amalgamation/Merger of procedure of two Companies (Accounting procedure)
8. A comparative study of Accounting System of Hotel industry – Five Star, Three stars, large Hotel and small Hotel.
9. Comparative study of Accounting of Hospitals from Private sector, Trust and Small Hospital.
10. Study of Accounting for Grants to school, college, and institute.
11. Application of Inflation Accounting to a large Company's Balance Sheet.



SPECIAL ELECTIVE SUBJECT - GROUP C (Advanced Cost Accounting & Cost system
Subject: PROJECT WORK / CASE STUDIES Course Code: 408 Total Credits: 04

Project Work Will Carry 100 Marks. For Regular Students, Project Work Is Compulsory. The Option Of Case Studies Is Only For The Students Registered As An External Student. 'Students Are Expected To Prepare The Project Report Based On The Field Work And Survey And Studying The Current Trends Under The Guidance Of Their Guide Teacher'. They Will Have To Submit The Report On 31st March Every Year. Project Viva Voce Will Be Conducted At The End Of IV Semester But Before Theory Examination.

Guidelines Areas of Project Work Marks: 100

Students are required to Visit a Unit in Concerned Industry and submit their report on any of the following project topics.

1. **Marginal Costing:** Techniques Based on Annual Reports of Listed Companies. To Study the Application of Marginal Costing in Taking Managerial Decision.
2. **Budgetary Control:** Study of Procedure of Audit. A Study of Budgetary Control System Established therein and used for cost Control Purpose.
3. **Statement of Cost of Production of the taxable goods**(refer Rule 30 of the CGST Rules, 2017)
4. **Environmental Audit.**
5. **Cost Audit:** Audit Programme Understanding the Procedure of Cost Audit, Cost Accounting Record Rules of the Respective Industry and Preparation of Cost Audit Report.
6. **Process Costing:** process industry & Understanding the Use of Process Costing Method in the factory, Cost Analysis at Each Stage in Particular and Cost Analysis in General done in the Sugar Factory.
7. **Pricing Decisions:** Visit to any Industry Understanding the different Methods and Techniques used by the Concern in pricing different Products.
8. **Cost Control and Cost Reduction:** Visit to any Manufacturing Concern and Understanding the different Methods used fruitfully by the Priority in Cost Control and Cost Reduction. ISOP procedure.
9. **Contract Costing:** Visit to Any Construction / Contracting firm and Understanding Ascertainment of Contract Cost, Allocation and Apportionment of different Expenses and Apportionment of profit on Incomplete Contract.





“A STUDY TO PROCESS COSTING APPLIED IN VIGHNAHAR
CO-OPERATIVE SUGAR FACTORY”

A RESEARCH PROJECT SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY

FOR THE DEGREE OF
MASTER OF COMMERCE (M.Com.)
IN THE SUBJECT OF
Advanced Cost Accounting & Cost System VII

BY

Miss. Punam Dipak Kusal

UNDER THE GUIDANCE OF

Prof. Dr. V. B. Nikam

PLACE OF RESEARCH

DEPARTMENT OF COMMERCE,
Rayat Shiksan Sanstha's,
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science
College, Manchar, Pune. :

May 2023


Rayat Shiksan Sanstha's,
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science
College, Manchar, Pune.

Student Name- Punam Dipak Kusal

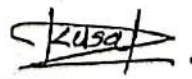
Class- M.com 2-year Division- B Exam Seat No.- 8278

Title of the Research Project – “A STUDY TO PROCESS
COSTING APPLIED IN VIGHNAHAR CO-OPERATIVE SUGAR
FACTORY”


Internal Examiner


Dhobale. A.V.
External Examiner

Date - / / 2023


Signature of Student



Rayat Shiksan Sanstha's,
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science
College, Manchar, Pune.

NAAC - Re-accredited "A" Grade College
Affiliated to Savitribai Phule Pune University

Commerce & Management Faculty
M.Com. Part-II (Semester - IV)

≈ CERTIFICATE ≈

Research Methodology and Project Report

This is to certify that, Mr. Punam Dipak Kusal of
M.Com.-II Division B and Exam Seat No. ...8278.....
has satisfactorily completed **Research Project** in the academic
year 2022-23. The title of Research Project is "A STUDY TO
PROCESS COSTING APPLIED IN VIGHNAHAR CO-
OPERATIVE SUGAR FACTORY"

Special Subject :- Advanced Cost Accounting & Cost System VII

M.N.
Dr. V. B. Nikam

Research Guide

Punam Kusal
Dr. V. B. Nikam
HOD-Commerce

Prin. K. G. Kanade
Principal

HOD
Department of Commerce
Annasaheb Awate College,
Manchar Tal. Ambegaon Dist. Pune



“A STUDY OF PROCESS COSTING APPLIED IN MANGALAM
AGROTECH IN BOIFERTILIZERS”

A RESEARCH PROJECT SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY

FOR THE DEGREE OF
MASTER OF COMMERCE (M.Com.)
IN THE SUBJECT OF
A STUDY OF PROCESS COSTING APPLIED IN MANGALAM
AGROTECH IN BOIFERTILIZERS

BY

Miss. TAGAD RAJNANDINI HANUMANT

UNDER THE GUIDANCE OF

Prof. Dr. V.B. NIKAM
Rayat Shiksan Sanstha's,
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science
College, Manchar, Pune.

PLACE OF RESEARCH

DEPARTMENT OF COMMERCE,
Rayat Shiksan Sanstha's,
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science
College, Manchar, Pune.

May 2023

Rayat Shiksan Sanstha's,
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science
College, Manchar, Pune.


Student Name- Miss. TAGAD RAJNANDINI HANUMANT


Class- Mcom II

Division-A


Exam Seat No.- 8265

Title of the Research Project : A STUDY OF PROCESS
COSTING APPLIED IN MANGALAM AGROTECH IN
BOIFERTILIZERS


Internal Examiner


D. W. A. V.
External Examiner

Date - 24/05/2023


Signature of Student



Rayat Shiksan Sanstha's,
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science
College, Manchar, Pune.

*NAAC – Re-accredited "A" Grade College
Affiliated to Savitribai Phule Pune University*

Commerce & Management Faculty

M.Com. Part-II (Semester - IV)

≈ CERTIFICATE ≈

**Research Methodology and
Project Report**

This is to certify that, Miss. TAGAD RAJNANDINI HANUMANT
of M.Com.–II Division. A and Exam Seat No. 8265 has satisfactorily
completed Research Project in the academic year 2022-23. The title of
Research Project is **A STUDY OF PROCESS COSTING APPLIED
IN MANGALAM AGROTECH IN BOIFERTILIZERS**

Special Subject :- ADVANCE COST ACCOUNTING AND COST SYSTEM

VB
Dr. V. B. Nikam

VB
Dr. V. B. Nikam
HOD-Commerce

Prin. K. G. Kanade
Principal

HOD
Department of Commerce
Annasaheb Awate College,
Manchar Tal Ambegaon Dist.Pune



"A COMPARATIVE STUDY OF
ACCOUNTING SYSTEM OF HOTEL INDUSTRY- VISIT TO HOTEL IN
DINESH"

A RESEARCH PROJECT SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY
FOR THE DEGREE OF
MASTER OF COMMERCE (M.Com.)

IN THE SUBJECT OF
ADVANCED ACCOUNTING & TAXATION- VIII

BY

Mr. SHINDE SAGAR DASHRATH
(M.COM-II, ROLLNO-8262)

UNDER THE GUIDANCE OF

Prof. Dr. S.S.UGHADE

(M.Com., Ph.D, SET, LLB, MA (Economics),
DTL, DLL&LW, GDCA, CHM.)

Rayat Shiksan Sanstha's,

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune.

PLACE OF RESEARCH

DEPARTMENT OF COMMERCE & MANAGEMENT,

Rayat Shiksan Sanstha's,

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune.

May 2023





Rayat Shiksan Sanstha's,

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu

Science College, Manchar, Pune.


Student Name:-_Shinde Sagar Dashrath


Class:-M.Com-II

Division:- A


Exam Seat No:- 8262

Title of the Project :- "A COMPARATIVE STUDY OF ACCOUNTING SYSTEM OF HOTEL INDUSTRY :- VISIT TO HOTEL DINESH"


Dr. Yashwantrao S.S.,
Internal Examiner


Prof. Madhe B.A.
External Examiner

Date - 24/05/2023


Signature of Student

Rayat Shiksan Sanstha's,
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu
Science College, Manchar, Pune.

NAAC – Re-accredited “A” Grade College

Affiliated to Savitribai Phule Pune University

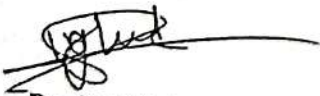
Commerce & Management Faculty

M.Com. Part-II (Semester - IV)

~ CERTIFICATE ~

This Is To Certify That, Mr. Shinde Sagar Dashrath Of **M.Com-II**
Division-A And Exam Seat No. 82.62 Has Satisfactorily
Completed **Research Project** In The Academic Year 2022-23. The Title
Of Research Project Is A Comparative Study Of Accounting System Of
Hotel Industry : Visit To Hotel Dinesh”

Special Subject- Advanced Accounting & Taxation VIII


Dr.S.S.Ughade
Research Guide


Dr.V.B.Nikam
Department of Commerce
Annasaheb Awate College,
Manchar, Tal. Ambegaon Dist. Pune
HOD-Commerce

Prin. K.G.Kanade
Principal





“Comparative Study of Housing Loan Scheme of Bank”

(Bank of Maharashtra, Union Bank of India, Lala Urban co-operative Bank, Axis Bank All banks of Manchar Branch.)

A RESEARCH PROJECT SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY

FOR THE DEGREE OF
MASTER OF COMMERCE (M.Com.)
IN THE SUBJECT OF
Advance Accounting & Taxation VIII

BY

Miss. Bhor Pranjal Dhondibhau

UNDER THE GUIDANCE OF

Prof. Dr. Ughade S.S

M.com, Ph.D, SET, LLB, MA(Economics), DTL, DLL&LW, GDCA, CHM

PLACE OF RESEARCH

DEPARTMENT OF COMMERCE & MANAGEMENT,

Rayat Shiksan Sanstha's,

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune.

May 2023








Rayat Shiksan Sanstha's,
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune.

Student Name: Bhor Pranjali Dhondibhau

Class:- Mcom II Division:- A Exam Seat No.:- 8210

Title of the Research Project :- "Comparative Study of
Housing Loan Scheme of Bank"

 Dr. Ughade S.S. Internal Examiner	 Prof. Madhe B.A. External Examiner
Date - <u>24/05/2023</u>	 Signature of Student



Rayat Shiksan Sanstha's,
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune.

NAAC – Re-accredited "A" Grade College
Affiliated to Savitribai Phule Pune University


Commerce & Management Faculty
M.Com. Part-II (Semester - IV)

≈ CERTIFICATE ≈

This is to certify that Miss Bhor Pranjal Dhondibhau of **M.Com.-II Division A** and Exam Seat No.8240..... has satisfactorily completed **Research Project** in the academic year 2022-23. The title of Research Project is "Comparative Study of Housing Loan Scheme of Bank"

Special Subject :- Advance Accounting and Taxation VIII


Dr. S. S. Ughade
Research Guide


Dr. V. B. Nikam
HOD-Commerce
Department of Commerce
Annasaheb Awate College,
Manchar Tal. Ambegaon Dist. Pune

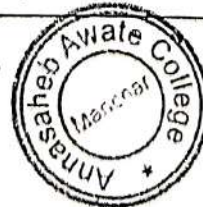
Prin. K. G. Kanade
Principal



Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune
Commerce & Management Faculty
M.Com. II 2022 – 2023

Project List

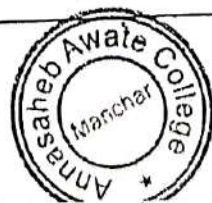
Sr. No.	Roll No.	Name of Student	Project Title
1	8202	Ambavane Archana Vitthal	A Study of Pune district Central Co-operative Bank Ltd.
2	8207	Bhawari Ruchira Govind	A Study Cost Audit Report of Abhyudaya Biotech Pvt. Ltd., Pune.
3	8208	Bheke Rutuja Prabhakar	A Study of Cost Audit of Parag Milk Foods Ltd., Manchar.
4	8210	Bhor Pranjal Dhondibhau	A Comparative Study of Housing Loan Schemes of Bank
5	8211	Butte Saurabh Sharad	A Study Tools working capital and income analysis Aditi power equipment pvt. Ltd., Chakan.
6	8213	Doke Amit Ankush	A Comparative Studies of Jai Kisan Co-operative Society & Dharmaveer Sambhaji Nagari Sahakari Paqtsantha.
7	8216	Erande Avinash Sandip	A Comparative Study of Housing Loan Schemes of Bank
8	8218	Ganjale Pratiksha Kailas	A Study of Agro based Industry of Poultry farm, Chandoli.
9	8219	Ganjale Samiksha Kailas	A Study of Audit Procedures at Parag Milk Foods Pvt. Ltd. Manchar.
10	8222	Ghewade Pranita Shankar	A Study in Service Industry with Reference to Hospital.
11	8223	Gosavi Omkar Navnath	A Study of Cash Management
12	8224	Gunjal Tanuja Manohar	A Study of GST Return 2017 To 2022.
13	8225	Gunjal Vrushali Babaji	A Study of Fund Flow Statement Analysis Project
14	8232	Kokate Suraj Ankush	Accounting for Tour & Travels Business, Manchar.



15	8235	Londhe Kajal Rajesh	A Study of Financial Statement Analysis & Interpretation of a limited company, Centutory Enka Ltd., Chakan.
16	8238	Morade Shubham Anil	A Study of Working Capital Management in Om Packaging Co. Pvt. Ltd., Chakan.
17	8239	Morde Gauri Mahendra	A Study of Working Capital Management in Morade Foods Pvt. Ltd., Manchar.
18	8247	Phuge Akshay Gorkshanath	A Study of Working Capital Management of a large company, Pune.
19	8249	Pingale Sampada Sunil	A Study of GST Return 2017 To 2022.
20	8251	Pokharkar Gaurav Dnyaneshwar	A Study of Problem unit of Paying Service Tax.
21	8253	Pokharkar Niket Ramesh	A Study of Accounting for Tour and Travels, Manchar.
22	8254	Pokharkar Rutuja Arjun	A Study of Financial Statement Analysis & Ratio Analysis in Morade Co. & Retwade Co.
23	8256	Rajguru Pallavi Shantaram	A Study of Accounting for Tour and Travels, Manchar.
24	8261	Shinde Nikesh Vijay	A Study of Financial Statement Analysis & Ratio Analysis.
25	8262	Shinde Sagar Dashrath	A Comparative Study of Accounting System of Hotel and Industry.
26	8263	Shinde Snehal Tukaram	A Study of Credit Appricess of Agriculture Loan & Non Performing Assets.
27	8266	Tavhare Omkar Suresh	A Study of GST Return 2017 To 2022.
28	8271	Totre Sanket Dipak	A Comparative Study of Various Financial Analisis for Bank and Co-operative Society (State Bank of India Manchar & Kulswamini Co-operative Society Manchar)
29	8275	Waghmare Sagar Genbhau	A Study Of Loans And Advances
30	8276	Walse Kunal Sharad	A Study of Working Capital Management of large Co.(KPCL Co. Ltd. Pune.)
31	8209	Bhoir Sonali Dattatray	A Study of Cash Management Apurva Honda, Manchar.
32	8283	Karale Somnath Chandrakant	A Study of Performance Appraisal System at Viney Corporation Pvt. Ltd. Chakan.
33	8285	Pokharakar Abhishek Bapusaheb	A Study of Working Capital Management of Om Packaging Co. Pvt. Ltd., Chakan.
34	8226	Indore Akash Prakash	A Study of Working Capital Management
35	8284	Bhagat Tejas Dilip	A Study of Performance Appraisal System at Viney Corporation Pvt. Ltd. Chakan.



36	8201	Adhari Nisha Dipak	A study of service costing method applied in Shree Vinayak Hospital ,Manchar
37	8203	Bablad Shilpa Laxmiputra	A s tudy of job evaluation & merit rating applied in Infosys BPM Ltd.
38	8204	Badhekar Mayuri Sanjay	A study of cost audit programme understanding the procedure of cost audit records rules and cost audit report
39	8206	Bhaiyye Roshani Rajendra	A study of service costing method applied in Vitthal Kamat Hotel , Peth
40	8205	Bagal Diksha Vijay	A study of milk product cost structure of Parag Dairy Pvt. Ltd & Katraj Milk & Milk Product Pvt. Ltd.
41	8212	Chavhan Siddhesh Dipak	A study of application of Activity Based Costing applied in Auto Company Corporation Panse Pvt. Ltd.
42	8215	Doke Sayali Ganesh	A study of contract costing method applied in Samruddhi Builders & Developers Construction Company Pvt. Ltd. , Manchar
43	8220	Gawade Omkar Sanjay	A study of application to Agro Based Industry of Disha Fishery Dimbhe.
44	8221	Gawade Nikita Kaluram	A study of cost control and cost reduction system applied in Spark Minda Pvt. Ltd.
45	8227	Jambhale Ravina Bansi	A study of budgetary control system applied in Saien Welds Pvt. Ltd.
46	8228	Karande Rohini Chandrakant	A study of cost audit and cost audit programme in Morde Foods Pvt. Ltd.
47	8229	Khandge Ashwini Kailas	A study of pricing decision of different product of Krushiratna Dairy Farm Pvt. Ltd.
48	8230	Khilari Nikhil Kerbhau	A study of pricing decision of different product of Natraj Hotel Manchar
49	8231	Khoje PratikshaDattatray	A study of Activity Based Costing applied in Mahindra & Mahindra Company Pvt. Ltd.
50	8233	Kshirsagar Vrushali Chandrakant	A study of cost audit programme & understanding the procedure of cost audit & cost accounting record rules of the industry & preparation of cost audit report
51	8237	Modhave Pratiksha Anil	A study of minimum wages system applied in Maxon Wheels Aluminium Pvt. Ltd.
52	8240	Morde Ritesh Pralhad	A study of application of agro based industry Fishery
53	8244	Pabale Monika Jalindar	A study of statement of cost of production of the taxable goods refer rule 30 of CGST Rule 2017
54	8245	Phalle Prachi Balasaheb	A study of service costing method applied in Shree Maitreya Travels , Manchar



55	8248	Pingale Pratiksha Kailas	A study of Activity Based Costing applied in Mahindra & Mahindra Company Pvt. Ltd.
56	8250	Pohakar Sandip Dnyaneshwar	A study of Process Costing System applied in Bhimashankar Co-operative Sugar Factory Pvt. Ltd.
57	8252	Pokharkar Monika Mahipat	A study of Service Costing method applied in Maitreya Travels Pvt. Ltd. Manchar
58	8257	Raut Sonal Bandu	A study of minimum wages system applied in Besa Lithium Pvt. Ltd. Chakan
59	8258	Rode Shubham Dnyaneshwar	A study of contract costing method applied in Vishwa Vihar Builders & Developers Pvt. Ltd. , Manchar
60	8259	Shewale Akshay Suresh	A study of budgetary control system applied in Bhimashankar Co-operative Sugar Factory Pvt. Ltd.
61	8260	Shinde Ajinkya Dnyaneshwar	A study of corporate social responsibility of Amul Dairy Pvt. Ltd.
62	8264	Shinde Vishwas Navnath	A study of agro based industry of polutry farming
63	8265	Tagad Rajnandini Hanumant	A study of Process Costing System applied in Mangalam Agrotech Biofertilizers Pvt. Ltd. Nirgudsar
64	8267	Teke Monika Vilas	A study of Batch Costing method applied in shreeram Polutry Farming Pvt. Ltd.
65	8268	Thorat Kajal Prakash	A study of service costing method applied in Shree Vinayak Hospital ,Manchar
66	8270	Totre Pallavi Arun	A study of service costing method applied in Jay Ganesh Tours & Travels , Manchar
67	8272	Vidhate Dnyaneshwar Shantaram	A study of process costing method applied in Parag Milk Foods Pvt. Ltd, Manchar
68	8273	Virnak Rajeshwari Kiran	A study of service costing method applied in Samadhan Hotel , Manchar
69	8274	Wagh Komal Balasaheb	A study of service costing method applied in hospital industry of sub district hospital , Manchar
70	8277	Wayal Pratik Dattatray	A study of corporate social responsibility of Parag Dairy Manchar
71	8278	Kusal Punam Dipak	A study of process costing method applied in Shree Vighnagar co-operative sugar factory ,Ozar
72	8279	Labde Rohini Dnyaneshwar	A study of Break Even Analysis and Cost Reduction in Swapnil Industry Pvt. Ltd ,Bhosari
73	8280	Hinge Rutuja Anil	A study of Batch Costing method applied in shreeramAmar Sai Polutry Farming Pvt. Ltd. Awasari



Head
Department of Commerce
A.A.College, Manchar,
Tal.Ambegaon, Dist.Pune



Rayat Shikshan Sanstha's
**Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu Science College, Manchar.**

Department of History

T.Y.B.A. Sem. VI

“Project”

2022-23



Savitribai Phule Pune University, Pune
Proposed Syllabus in History for TYBA (Credit system)
From the Academic Year 2021-22
Under the Faculty of Humanities
Discipline Specific Elective Courses (DSE-3C) -(3 Credit)
Semester –VI, Course Title: Applied History

Course objectives:

- 1) To Introduce students to information and importance of Applied History.
- 2) To help students understand the usefulness of history in the 21st century, its changing perspectives, the new ideas that have been invented, and the importance of History in a Competitive World.
- 3) To inform the students about the historical significance of Archaeology and Archives and the opportunities in the field of Archaeology and Archives through this course.
- 4) To inform the students about the opportunities in the field of Media, Museums through this Course.

Course Outcomes:

1. Students will be introduced to the information and importance of applied history.
2. Student will learn about the Historical significance of Archaeology and Archives and opportunities in the field of Archaeology and Archives.
3. Through this course, students will be informed about the opportunities in the field of Media, Museums.
4. Students will learn about the usefulness of history in the 21st Century, its changing Perspectives, the new ideas that have been invented, and the importance of History in a Competitive World.

Pedagogy: Lectures / Visual Presentation / Critical Analysis / Assignments / Test/ e-learning

Course Content

Unit-I. Applied History

14

- a. Applied History: Concept and Application
- b. Application of History in Various Subjects
- c. Co-relationship between Past and Present
- d. Contemporary History: Meaning and Nature



- a) Archaeology and Archives: Definition and Development in India
- b) Archival Sources: Ancient, Medieval and Modern- A brief survey
- c) Heritage Sites: Types, Preservation and Conservation
- d) Historical Importance of Heritage Sites and Museums

Unit-III. Mass Media and Applied History

- a) Mass Media: Meaning and Types
- b) Print media:
 - i). Establishment and growth of printing press in India
 - ii). Newspaper: Definition, Rise, Newspaper in India -A brief survey
- c) Electronic media: Radio, Television, E-media.

Unit-IV: Project Work /Study Tour Report/Historical Places Visit Rreport**Project work and Evaluation scheme**

1. Candidate shall submit Project report of minimum 2000 words i.e.10 to12 pages (Should be DTP) to the department by end of the Semester.
2. A viva-voce should be conducted before theory examination and the results should be sent to the University as immediately
3. The Distribution of Marks – For Report Writing 20 Marks and for Vice-Voce 10 Marks

Reference Books**English**

- 1) Bajaj Satish K, Research Methodology in History, Amol Pub Pvt.Ltd, New Delhi.
- 2) Bobade Bhajang R., Manuscriptology from Indian Sources, Pacific Publication, Delhi.
- 3) Carr E.H., What is History, Penguin Books, Harmondsworth, 1971.
- 4) Chitnis K.N., Research Methodology in History, Navi Path, Pune1979.
- 5) Collingwood R.G., The Idea of History, Oxford university,1961.
- 6) Datta.K.B., Mass Media in India, Akansha Publishing House, New Delhi,2005.
- 7) Director General. Archaeological Remains, Monuments and Museums Part1&2, Archaeological Survey of India, New Delhi, 1964.
- 8) Gaur.M. M., Electronic Media, Omega Publication, Delhi, 2006.



Rayat Shikshn Santha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar
Department of History

Academic Year 2022-23
T.Y.B.A. Project List

Sr. No.	Roll No.	Student Name	Project Title
1	1629	Chikhale Arati Subhash	"साकोरे गावचा स्थानिक इतिहास"
2	1630	Gawari Sameer Chandar	"आंबेगाव तालुक्याचा सांस्कृतिक इतिहास"
3	1631	Pokharkar Chetan Bhimaji	"पिंपळगाव खडकी गावचा स्थानिक इतिहास"
4	1632	Shelake Vaishali Valhu	"जुन्नर तालुक्यातील किल्यांची माहिती"
5	1633	Shete Harshal Sukhdev	"चांडोलीगावचा स्थानिक इतिहास"
6	1634	Shinde Laxmi Devidas	"अवसरी गावचा स्थानिक इतिहास"
7	1635	Shinde Pragati Kaluram	"आंबेगाव तालुक्याचा स्थानिक इतिहास"
8	1636	Supe Pratiksha Ramdas	"भराडी गावचा स्थानिक इतिहास"
9	1637	Thorat Tejas Sahebrao	"आंबेगाव तालुक्याचा स्थानिक इतिहास"
10	1664	Wayal Aniket Ganesh	"चास गावचा स्थानिक इतिहास"




Department of History
Annasaheb Awate College, Manchar (Pune)



रयत शिक्षण संस्थेचे,
अण्णासाहेब आवटे आर्ट्स, कॉमर्स & हुतात्मा बाबू गेनू
सायन्स कॉलेज, मंचर.
इतिहास विभाग

विषय - चास गावचा स्थानिक इतिहास

संशोधक
वायाळ अनिकेत गणेश

मार्गदर्शक
प्रा. पारधी रविंद्र पुनाजी
अ.आ. कॉलेज, मंचर

2022-23

प्रमाणपत्र

प्रमाणपत्र देण्यात येते की, कु. वायाळ अनिकेत गणेश यांनी अण्णासाहेब आवटे आर्ट्स, कॉमर्स & हुतात्मा बाबू गेनू सायन्स कॉलेज, मंचर इतिहास विभागांतर्गत उपयोजित इतिहास (सत्र-२) या विषयासाठी चास गावचा स्थानिक इतिहास हा प्रकल्प माझ्या मार्गदर्शनाखाली पूर्ण केला आहे. प्रकल्प लेखनात संदर्भ साधनांचा आधार देण्यात आला आहे. कु. वायाळ अनिकेत गणेश यांनी हा प्रकल्प स्वतंत्ररीत्या लिहिलेला आहे.

ठिकाण- मंचर

दिनांक- १२/०८/२०२३



मार्गदर्शक

प्रा. पारधी रविंद्र पुनाजी
अ.आ. कॉलेज, मंचर





रयत शिक्षण संस्थेचे,
अण्णासाहेब आवटे आर्ट्स, कॉमर्स & हुतात्मा बाबू गेनू
सायन्स कॉलेज, मंचर.
इतिहास विभाग

विषय - भराडी गावचा स्थानिक इतिहास

संशोधक
सुपे प्रतीक्षा रामदास

मार्गदर्शक
प्रा. पारधी रविंद्र पुनाजी
अ.आ. कॉलेज, मंचर

2022-23



प्रमाणपत्र

प्रमाणपत्र देण्यात येते की, कु. सुपे प्रतीक्षा रामदास यांनी अण्णासाहेब आवटे आर्ट्स, कॉमर्स & हुतात्मा बाबू गेनू सायन्स कॉलेज, मंचर इतिहास विभागांतर्गत उपयोजित इतिहास (सत्र-२) या विषयासाठी **भराडी गावचा स्थानिक इतिहास** हा प्रकल्प माझ्या मार्गदर्शनाखाली पूर्ण केला आहे. प्रकल्प लेखनात संदर्भ साधनांचा आधार देण्यात आला आहे. कु. सुपे प्रतीक्षा रामदास यांनी हा प्रकल्प स्वतंत्ररीत्या लिहिलेला आहे.

ठिकाण- मंचर

दिनांक-12/08/2023





मार्गदर्शक

प्रा. पारधी रविंद्र पुनाजी

अ.आ. कॉलेज, मंचर





Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma

Babu Genu Science College, Manchar.

Department of English

T.Y.B.A.

"Project"

2022-23



**Paper VI Entrepreneurship Development, Project Report & Oral
Communication in English: Advanced (Practical Paper)
(03+ 01= 04 Credits)**

Semester V and VI 3+1 = One credit is for **Interview of an Entrepreneur, Field (SME/Start-up/Service Industry) Visit and Report, or any other Subject-centric activities** to be undertaken by the students in consultation with the teacher concerned. The teachers concerned have to evaluate and maintain the record of these activities.

OBJECTIVES:

1. Encouraging students to motivate about the possibility of self employment through entrepreneurship
2. Providing them with basic sources of information regarding Small and Medium Enterprises (SMEs)
3. Introducing students to the idea and aspects of Start-ups and government schemes to promote Start-ups
4. Introducing Students to the opportunities in Service Industry Sector
5. Promoting the idea of self employment through field work, study reports and interviews
5. Leading students to overall development of personality through key competency modules
6. Initiating students into research through project report
7. Creating a possibility of focused writing in the field of their interest

Expected Outcomes:

1. Students will able to identify the traits of an entrepreneur
2. They should become aware about the scope, challenges and opportunities in entrepreneurship
3. They will be aware about the basics required for setting up a start-up/ small or medium enterprise
4. They will be able to explore the opportunities in Service Industry Sector
5. They will be proficient in oral and written modes of expression

Semester V (Theory + Practical)

Course Content

(Figures to the right indicate hours allotted per topic)



- Practical: Teachers are expected to guide students before the practical** 03
1. Experiences of an Entrepreneur (Unit I): Mode: Interview (Actual/ Email/On Phone)
 2. Understanding SME/ Service Industry/ Start-up (Unit II and III): Mode: Visit to SME/ Service Industry/ Start-up

Evaluation Pattern

Internal Evaluation: for 30 Marks

- Internal Evaluation: 1. Mid Semester Examination: 20 Marks**
- 2. Summary of a Successful Entrepreneur's Biography/Autobiography: 10 Marks**

- Note:** 1. Practical Exam to be conducted for the assessment of Interview and Report.
2. Summary of a Successful Entrepreneur's Biography/Autobiography to be considered for the assessment *only in exceptional situation when the visit is not possible.*

External Evaluation: for 70 Marks

Semester End Theory Examination Pattern

- | | |
|--|----|
| 1. Questions on Unit 1 (Short Notes Any THREE out of Four) | 12 |
| 2. Questions on Unit 2 (Short Notes Any THREE out of Four) | 12 |
| 3. Questions on Unit 3 (Any TWO out of Four) | 14 |
| 4. Questions on Unit 4 (Any TWO out of Four) | 16 |
| 5. Questions on Unit 5 and 6 (Short Notes Any FOUR out of Six) | 16 |

Semester VI

Course Content

48 (38+ 10 for Project Report Guidance)

A

I. Voice Culture, Voice Modulation: breath- control, sharpness, and volume of voice, pitch variation, pronunciation and intonation 4

The above will be tested in the external practical exam for 5 marks from the overall performance.

II. Preparing News Bulletin for Radio/TV containing international, national, regional, local and sports news, weather news, all types of news 10

This bulletin will be prepared by students themselves and will not be downloaded. Students will work on it for the term and keep it ready before final practical exam for reading. A copy of the same will be submitted to the dept



beforehand. (The students may be encouraged to transcribe their script phonemically)

III. Speech of about 5 to 7 minutes on a given topic.

Students will be encouraged to hear public speeches and write analysis of the same in their journal from the point of view of language, organization of thought, expressions of ideas and emotions, information, use of illustrations, quotations, body language, effectiveness etc. They may be given a list of topics for practice as well as to write the outline plan of the speech they will make.

IV. Talking in a group- a 'free-talk' activity to test spontaneity, naturalness, vocabulary, initiation, cooperation, consistency in expressing opinion etc

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B

Project Report or exercises in creative performance in any one area of language use studied in FE Syllabi 10

Suggestions for Teaching

- 1) Extensive use of newspapers, radio and TV in the classroom is necessary
- 2) Teacher, with the help of the Head and Coordinator will plan the field and other activities beforehand and will prepare academic calendar
- 3) Students will be encouraged to spend more time with the department for fruitful activity
- 4) Guest lectures may be arranged from time to time
- 5) There will be insistence on students attending public speeches/ internet may be used for the same in absence of public functions
- 6) For project students must be able to use all the 4 language skills
- 7) As an option to project they may be encouraged to do exercise in any one area of language use studied in SY/TYFE syllabi; for example a student interested in newspaper may write articles, features, news of different types, letters to editors to show his/her proficiency in using language comfortably in that particular area.

He may be encouraged to write several different headlines for the same news to show his creativity or a student interested in trying his/her language skills in the field of advertising may write copy of ads of different types (eg. Domestic, cosmetics, health drinks, social cause) for different media. The respective dept/college may give a certificate for such a student showing proficiency of language skills required for a particular vocation

Evaluation Pattern 30:70

Internal Evaluation: TV/Radio News reading/Preparing:

20 Marks

Assignment/ Participation in visits/activities Activity Report/ Industry Visit Report : 10 Marks (A teacher may select any one of the above for assessment)

Pattern for Semester Examination: (Practical) 70 marks

A:

Q1 Reading news for TV/Radio – the students will present the News bulletin they have prepared as term work 10

Q2 Speech on the given topic for approximately 7 minutes 10

B:

Viva on Project Report 50

Books recommended

1. **An Introduction to Academic Writing:** Davis, Lloyd & Mackry, Susan
2. **Entrepreneurship Development:** G.R. Basotia / K K Sharma.
3. **Strengthen Your English :** Bhaskaran M (Oxford University Press)
4. **One Step Ahead Writing Reports :** Selly John
5. **Entrepreneurial Development:** S. S. Khanna (S. Chand)
6. **Entrepreneurship Development and Small Business Enterprise:** Charantimath Poornima M. (Pearson)
7. **Entrepreneurship | 11th Edition:** Robert D. Hisrich, Michael P. Peters, Dean A. Shepherd (McGraw Hill)



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Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College, Manchar.

Department of English

**TYBA Paper VI Entrepreneurship Development, Project Report & Oral
Communication in English: Advanced (Practical Paper)**

Project List

2022-23

SR.NO.	ROLL NO.	NAME OF THE STUDENT	TITLE OF THE PROJECT
1	1643	BHOR SAKSHI SUHAS	PIRSAHEB DAIRY
2	1644	BHOR SIDDHI BHAGVAN	KATRAJ MILK PARLOUR
3	1645	BHOR SRUSHTI DATTATRAY	URJA FOODS AND AGRO.PVT.LTD
4	1647	KEDARI LAHU DEVRAM	GOVITRA FACTORY
5	1648	KHUTAN AKSHADA DATTATRAY	BHAGYALAXMI DAIRY
6	1649	MINDE PURVA SANJAY	GOWARDHAN DAIRY
7	1650	NANGARE TANAYA JIVAN	SPARK MINDA COMPANY LTD.
8	1651	POKHARKAR SAKSHI NAVNATH	AKSHARA MILK
9	1652	SHETE RAGINI KAILAS	MORDE FOODS PVT. LTD.
10	1653	SHINDE PRIYA NAVNATH	GOWARDHAN DAIRY
11	1654	THORAT SAURABH RAVINDRA	OXYRIVA COMPANY





Rayat Shikshan Sanstha's
**Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu Science College, Manchar.**

Department of Economics

T.Y.B.A. Sem. VI

“Project”

2022-23

T.Y.B.A. Economics
Skill Enhancement Course
SEC-3A: Business Management-II (Project Report)
(Course Code:)
Semester – VI

Course Learning Outcomes:

At the end of the Course, the Learner will have the following skills:

- Analytical Skills – Ability to analyze data collected and interpret in the most logical manner
- Project Report Writing Skills- Ability to comprehend and illustrate/demonstrate findings
- Presentation Skills – PPT/Poster- Ability to illustrate findings in the most appealing manner
- Leadership Skills: Ability to show leadership skills with business ideas or work on business ventures as a practical example

Unit No.	Name and Sub Titles of the Topic	No. of Lectures	Skill Enhancement Exercises
1	Case Study	2	Preview to Students for Project Report
	Guest Lecture – Local Entrepreneur – Success Stories / Struggles/ Historical Reviews/ Start-ups, etc		
2	Project Interim Presentation	14	Initial Mid Semester Presentation (15 marks)
	Detailed Study of ANY Business Enterprise under the Guidance of Subject Teacher OR Presentation of a Business Idea		
3	Project Final Presentation	14	Final Presentation Viva (35 Marks) Int. Examiner - 10 Ext. Examiner - 10 Report- 15
	Presentation with PPT or Poster or Exhibition of Business Ideas/ Reports		

Recommended Books

1. Stephen R. Covey, The 7 Habits of Highly effective People (1989), Guerilla Marketing.
2. Harvard Business Review, Management Tips, hbr.org/books.
3. Pandey, I.M. Financial Management, Persons 12th Edn.
4. Saksena, S.C., Principles of Business Management (2019), Sahitya Bhawan Publi.Agra.
5. Kalkar Parag and Ajinath Doke, Vyavsay Vyavsthapan, Nirali Prakashan, Pune.
6. Vasistha, Neeru, Principles of Management, Taxmann.
7. Hannagan, Tim. Management Concepts and Practices, Macmillan India Ltd.
8. Government of India, Official Websites.



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KAYAT SHIKSHAN SANSTHA'S
Annasaheb Awate College, Manchar
Department of Economics

TYBA 2022-23

Business Management Student Research Project List 2022-23

Roll No.	Student Name	Name of Research Project
1601	BHALERAO SUJIT DNYANESHWAR	बियर निर्मिती व व्यवसाय.
1602	BHEKE YASH SANTOSH	शेळी पालंचा अभ्यास.
1603	ERANDE KAJAL SANDIP	कृषी सेवा केंद्राचा अभ्यास.
1604	JADHAV SALONI RAJENDRA	आंबेगाव तालुक्यातील कुक्कुट पालन व्यावसायिकांचा अर्थशास्त्रीय अभ्यास.
1605	KHEBADE UJWALA DATTATRAY	कोविड- १९ मुळे ब्युटी पार्लर व्यवसायावर झालेला परिणाम एक अभ्यास— सुप्रिया ब्युटी पार्लर.
1606	MARADE NILAM EKNATH	श्री महिला पापड उद्योग जुन्नर (गृह उद्योग) या विषयावर संशोधन करणे.
1608	MULE MOHAN MANGESH	भारतातील केळी उत्पादनावर अध्ययन करणे.
1609	MURKUT ANKITA DNYANESHWAR	दुध संकलन संस्थेच्या उत्पादनाचा अभ्यास अक्षरा दुध संकलन केंद्र.
1611	PINGALE KAJAL MANOHAR	स्वामी समर्थ दुध संकलन केंद्राच्या उत्पादनाचा अभ्यास.
1612	PINGALE RUTUJA VASANT	निर्मिती संशोधन अहवाल प्रकल्प – कुक्कुट पालन.
1613	POKHARKAR RUTUJA NITIN	द ड्रीम बेकरी व्यवसायाच्या व्यवस्थापनेचा अभ्यास.
1614	WARE SHUBHAM SANJAY	आंबेगाव तालुक्यातील तांदूळ उत्पादनाचा अभ्यास.
1665	BHALEKAR NILAM SHIVAJI	ऊस पीक शेतकऱ्यांच्या फायद्याचे.



Yase
Head
Department Of Economics
A. A. College, Manchar



Rayat Shikshan Sanstha's
**Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu Science College, Manchar.**

Department of Economics

M.A. -II Sem. IV

“Project”

2022-23

**Revised Syllabus To Be Implemented From Academic Year JUNE 2020-2021
at College & P.G. Centers**

M.A. Part- II, Semester- III		M.A. Part- II, Semester- IV	
Core Papers Compulsory Paper		Core Papers Compulsory Paper	
EC-3001	Macro Economics Analysis-I	EC-4001	Macro I Economics Analysis II
EC-3002	Growth & Development -I	EC-4002	Growth & Development II
EC-3003	Research Methodology- I	EC-4003	Research Project(Only Regular Students) Research Methodology - II (Only External Students)

(Any ONE to be selected)

Elective Papers		Elective Papers	
EC-3004	Economics of Finance	EC-4004	Econometrics
EC-3004	Demography	EC-4004	Public Policy
EC-3004	Capital Market	EC-4004	Economics of Environment
EC-3004	Industrial Economics	EC-4004	Foreign Exchange Market



Rayat Shikshan Sanstha's
**Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu College, Manchar.**

Department of Economics (2022-23)

M.A. II (Sem. IV) - List of Research Project

Sr.No.	Name of the Project Guide	Name of the Student	Name of the Project
1	Prof. Salke S.R	Bhaiyye Tejashree Sunil	गाय पालन व्यवसायाचा आर्थिक अभ्यास
2	Prof. Salke S.R	Gawade Akshay Sukhadev	कराराद्वारे चालणाऱ्या कुकुट पालन व्यवसायाचा चिकित्सक अभ्यास
3	Dr. Lamdade B.B.	Ambawane Baburao Sakharam	आदिवासी विकास विभागांतर्गत आंबेगाव तालुक्यातील आश्रम शाळांचा प्राथमिक अभ्यास
4	Dr. Lamdade B.B.	Ichake Rutuja Namdev	शिरूर तालुक्यातील कांदा उत्पादक शेतकऱ्यांचा अर्थशास्त्रीय अभ्यास
5	Dr. Lamdade B.B.	Jadhav Utkarsha Rajendra	आंबेगाव तालुक्यातील कांदा उत्पादक शेतकऱ्यांचा अर्थशास्त्रीय अभ्यास
6	Dr. Lamdade B.B.	Kokane Ashwini Sambhaji	खेड तालुक्यातील तांदूळ उत्पादनाचा आर्थिक अभ्यास
7	Dr. Lamdade B.B.	Nighot Vaishnavi Narayan	आंबेगाव तालुक्यातील स्वयंसहायता महिला बचत गटाचा चिकित्सक अभ्यास
8	Dr. Desai V.R.	Paradhi Rohit Suryakant	पुणे जिल्ह्यातील आंबेगाव तालुक्यातील आदिवासी (महादेव कोळी) समाजाचा आर्थिक व सामाजिक अभ्यास
9	Dr. Desai V.R.	Salve Prasheek Shashikant	Study of Dairy Co-operative in Western Ambegaon Tehsil
10	Dr. Desai V.R.	Shendge Vishal Eknath	आंबेगाव तालुक्यातील पतसंस्थांचा चिकित्सक अभ्यास
11	Dr. Desai V.R.	Sonavale Shubham Vijay	भारतातील बांधकाम क्षेत्राचा चिकित्सक अभ्यास (विशेष संदर्भ: आंबेगाव तालुका) 2022-23
12	Prof. Gholap K. S.	Makare Lakshita Khandu	मंजर विभागातील वीज लाभधारक शेतकऱ्यांचा चिकित्सक अभ्यास
13	Prof. Gholap K. S.	Thorat Karuna Baban	आंबेगाव तालुक्यातील दुग्ध उत्पादन
14	Prof. Gholap K. S.	Waghmare Ganesh Satyawan	कृषी कर्ज आणि अकार्यक्षम मालमतेच्या क्रेडिट मूल्यांकन प्रक्रियेचा अभ्यास; पुणे जिल्हा मध्यवर्ती सहकारी बँक पुणे



Y. G. G.
Head

Department Of Economics
A. A. College, Manchar



Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma

Babu Genu Science College, Manchar.

Department of Environment Studies

S.Y.B.A. Sem. III

“Project”

2022-23





रयत शिक्षण संस्थेचे,
अण्णासाहेब आवटे आर्ट्स, कॉमर्स व हुतात्मा बाबू गेणू सायन्स कॉलेज, मंचर
भूगोल विभाग २०२२-२३

दिनांक - ०५/०४/२०२३

महाविद्यालयातील द्वितीय वर्ष बी.ए. मधील सर्व विद्यार्थ्यांना कळविण्यात येते की, विद्यापीठाच्या अभ्यासक्रमानुसार सत्र ४ साठी अनिवार्य असणाऱ्या पर्यावरण जागृती (AECC-Environmental Awareness) या विषयासाठी प्रकल्प सादर करणे आवश्यक आहे. त्यानुसार प्रत्येक विद्यार्थ्यांने प्रा.श्री.विकास मिंडे सर, भूगोल विभाग यांना प्रत्यक्ष भेटून दि. ०८/०४/२०२३ पर्यंत आपले प्रकल्पाचे विषयची नावे सरांकडे द्यावीत. सदर प्रकल्प खालील बाबींसह, स्वहस्तक्षराने लिहून दिनांक २४/०४/२०२३ पर्यंत विभागात जमा करावेत. प्रकल्प वेळेत जमा न केल्यास होणाऱ्या शैक्षणिक नुकसानीस आपण स्वःता जबाबदार असाल.

प्रकल्पातील आवश्यक बाबी:-

१. प्रकल्पाची निघड
२. उद्दिष्टे
३. महत्व
४. अभ्यास पद्धती
५. निरीक्षण
६. विश्लेषण
७. निष्कर्ष
८. संदर्भसूची


श्री. विकास मिंडे

(विषय शिक्षक)
सन्वयक

पर्यावरण जागृती जागृती
अ.आ.कॉलेज, मंचर





विभाग प्रमुख
भूगोल विभाग

अण्णासाहेब आवटे कॉलेज,
मंचर, ता.आंबेगाव, जि.पुणे.



रयत शिक्षण संस्थेचे,
अण्णासाहेब आचटे आर्ट्स, कॉमर्स व हुतात्मा बाबू गेणू सायन्स कॉलेज, मंचर
भूगोल विभाग २०२२-२३

दिनांक - ०५/०४/२०२३

महाविद्यालयातील द्वितीय वर्ष बी.ए. मधील सर्व विद्यार्थ्यांना कळविण्यात येते की, विद्यापीठाच्या अभ्यासक्रमानुसार सत्र ४ साठी अनिवार्य असणाऱ्या पर्यावरण जागृती (AECC-Environmental Awareness) या विषयासाठी प्रकल्प सादर करणे आवश्यक आहे. त्यानुसार प्रत्येक विद्यार्थ्यांने प्रा.श्री.विकास मिठे सर, भूगोल विभाग यांना प्रत्यक्ष भेटून दि. ०८/०४/२०२३ पर्यंत आपले प्रकल्पाचे विषयची नावे सरांकडे द्यावीत. सदर प्रकल्प खालील बाबींसह, स्वहस्तक्षरात लिहून दिनांक २४/०४/२०२३ पर्यंत विभागात जमा करावेत. प्रकल्प वेळेत जमा न केल्यास होणाऱ्या शैक्षणिक नुकसानीस आपण स्वःता जबाबदार असाल.

प्रकल्पातील आवश्यक बाबी:-

१. प्रकल्पाची नियड
२. उद्दिष्टे
३. महत्व
४. अभ्यास पद्धती
५. निरीक्षण
६. विश्लेषण
७. निष्कर्ष
८. संदर्भसूची



श्री. विकास मिठे
(विषय शिक्षक)
सत्रन्वयक

पर्यावरण जागृती जागृती
म.आ.कॉलेज, मंचर





विभाग प्रमुख
भूगोल विभाग
अण्णासाहेब आचटे कॉलेज,
मंचर, ता.आंबेगाव, जि.पुणे.



रयत शिक्षण संस्थेचे,
अण्णासाहेब आचटे आर्ट्स, कॉमर्स व हुतात्मा बाबू गेणू सायन्स कॉलेज, मंचर
भूगोल विभाग २०२२-२३

दिनांक - ०५/०४/२०२३

महाविद्यालयातील द्वितीय वर्ष बी.ए. मधील सर्व विद्यार्थ्यांना कळविण्यात येते की, विद्यापीठाच्या अभ्यासक्रमानुसार सत्र ४ साठी अनिवार्य असणाऱ्या पर्यावरण जागृती (AECC-Environmental Awareness) या विषयासाठी प्रकल्प सादर करणे आवश्यक आहे. त्वानुसार प्रत्येक विद्यार्थ्यांने प्रा.श्री.विकास मिडे सर, भूगोल विभाग यांना प्रत्यक्ष भेटून दि. ०८/०४/२०२३ पर्यंत आपले प्रकल्पाचे विषयची नावे सरांकडे घाचीत. सदर प्रकल्प खालील बाबींसह, स्वहस्तक्षरात लिहून दिनांक २४/०४/२०२३ पर्यंत विभागात जमा करावेत. प्रकल्प वेळेत जमा न केल्यास होणाऱ्या शैक्षणिक नुकसानीस आपण स्वःता जबाबदार असाल.

प्रकल्पातील आवश्यक बाबी:-

१. प्रकल्पाची निवड
२. उद्दिष्टे
३. महत्व
४. अभ्यास पद्धती
५. निरीक्षणे
६. विश्लेषण
७. निष्कर्ष
८. संदर्भसूची



श्री. विकास मिडे
(विषय शिक्षक)
सतन्वयक

पर्यावरण जाणीव जागृती
अ.आ.कॉलेज, मंचर





विभाग प्रमुख
भूगोल विभाग
अण्णासाहेब आचटे कॉलेज,
मंचर, ता.आंपेगाव, जि.पुणे.

Syllabus for

Ability Enhancement Compulsory Course (AECC – Environment Studies)(2 credit) for under graduate

(For All Faculties - Second Year - Semester IV)

It is as per UGC guidelines and framing :-

Unit 5 : Environmental Pollution

- Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution
- Nuclear hazards and human health risks
- Solid waste management : Control measures of urban and industrial waste.
- Pollution case studies.

(10 lectures)

Unit 6 : Environmental Policies & Practices

- Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture
- Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).
- Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

(9 lectures)

Unit 7 : Human Communities and the Environment

- Human population growth: Impacts on environment, human health and welfare.
- Resettlement and rehabilitation of project affected persons; case studies.
- Disaster management : floods, earthquake, cyclones and landslides.
- Environmental movements : Chipko, Silent valley, Bishnois of Rajasthan.
- Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies (e.g. CNG vehicles in Delhi).

(6 lectures)

Unit 8 : Field work

- Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.



- Visit to a local polluted site-Urban/Rural/Industrial/Agricultural.
- Study of common plants, insects, birds and basic principles of identification.
- Study of simple ecosystems-pond, river, Delhi Ridge, etc.

(Equal to 5 lectures)

References :

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19. Wilson, E. O. 2006. The Creation: An appeal to save life on earth. New York : Norton.
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Nayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar
Department of Geography 2022-23
Class : S.Y. B.A.

Student Name & project list of Environmental Awareness

Sr. No.	Roll No	Name of Student	Title of Project	Signature
1	1301	DHAWALE KIRAN BUDHAJI	औद्योगिक प्रदूषण	
2	1302	GATE PUJA ARUN	जल संवर्धन काकायी ठरज	
3	1303	GHODEKAR VIGHANAJI R.	मानवीय लोकसंख्या आणि पर्यावरण	
4	1304	JADHAV PRANITA SAHEBRAV	औद्योगिक खनिज	
5	1305	KAMBLE NIKITA SANJAY	डोक साक्षरता काकायी ठरज	
6	1306	KAWATE KOMAL HARIBHAU	नैसर्गिक साधन संपत्तीचे संवर्धन करणे	
7	1307	LANDE SHILPA BALKRUSHNA	नैसर्गिक आपत्तींचे पर्यावरणावर होणारे दुष्परिणाम	
8	1308	MARADE USHA ABADI	जंगलावर आधारित उत्पादनाचा अभ्यास	
9	1309	MEMANE TEJAL UMAJI	हवाप्रदूषण आणि जलप्रदूषण	
10	1310	SABALE SONALI HANUMANT	प्राण्यांचे नैसर्गिक आणि प्रदूषणाचे पर्यावरण यांच्यातील संबंध	
11	1311	SARODE MANISHA RAJENDRA	जलसंयोजक वनस्पती आणि औद्योगिक प्रदूषण	
12	1312	SHAIKH JAREENA UKTAR	वातावरण आणि पर्यावरण	
13	1313	SHAIKH MUSKAN IMAM	रासायनिक खनिज	
14	1314	BANGAR BHAYANA SUNIL	ध्वनी प्रदूषण आणि मानवी जीवन	
15	1315	BHOR VASUDHA SANTOSH	जलसंयोजक वनस्पती आणि पर्यावरण	
16	1316	DHOBAL SANTOSHI DEEPAK	नैसर्गिक वनस्पती आणि रासायनिक खनिज	
17	1317	DHOBAL VAISHNAVI DEEPAK	वनस्पती आणि मानवी जीवन	
18	1318	GABHALE NILESH PANDURANG	— AB —	
19	1319	GADEKAR SIDDHESHI SOPAN	— AB —	
20	1320	GAWARI UTTAM MADHUKAR	— AB —	
21	1321	JANGALE KIRAN SUNIL	मानवीय पर्यावरण	

Mundhevir
Subject Teacher



22	1322	JOSHI PRAVIN ANIL	परमुवाळण	अक्षय	11/3
23	1323	JOSHI TUSHAR VITTHAL	भातकी आरिग्रामधर शेण गोखले मंदार जल प्रदूषण	अक्षय	11/3
24	1324	MADHE DIHANANJAY DILIP		अक्षय	11/3
25	1325	MANDAVE YOGITA LAXMAN	नैसर्गिक आपत्ती व मानवनिर्मित आपत्ती	अक्षय	11/3
26	1326	MUKANE AMOL LAXMAN	जलानि उपमान वाढ	अक्षय	11/3
27	1327	NAYKODI KIHUSHI AKBAR	जलस्रोत/वनाचा होणारा -दास	अक्षय	11/3
28	1328	PATHAN ANISA HAMID	आपत्ती व्यवस्थापन	अक्षय	11/3
29	1329	SHINDE SHAMAL SANTOSH	हवा प्रदूषण आणि मानवी जीवना वर होणारा परिणाम	अक्षय	11/3
30	1330	TALAPE KARTIK DHONDU	— A/B —		
31	1331	WAYAL AKASH PRAVIN	— A/B —		अक्षय 29/05
32	1332	BHAGAT RHUSHALI GAUTAM	भातच्या विविध प्रजातीचा अनुसंधान	अक्षय	अक्षय 29/05
33	1333	BHALERAO AMRUTA MAHESH	वायु प्रदूषण	अक्षय	अक्षय 29/05
34	1334	BHALERAO RUTUJA VIJAY	घटकचारा व्यवस्थापन	अक्षय	11/3
35	1335	DAMASE SANTOSH CHANDAR	टाकाऊ कचऱ्याचे व्यवस्थापन	अक्षय	अक्षय 19/06/23
36	1336	DHOTRE MOHAN SHANTARAM	महामाद्यानिल धरण	अक्षय	11/3
37	1337	MATE MAYA LAXMAN	जल प्रदूषण	M.L. Mate	11/3
38	1338	MEMANE SANKET SANJAY	टाकाऊ कचऱ्याचे व्यवस्थापन	अक्षय	अक्षय 19/06/23
39	1339	MEMANE SURAJ TANAJI	टाकाऊ कचऱ्याचे व्यवस्थापन	अक्षय	11/3
40	1340	PINGALE SHRADDHA KAILAS	सौंदर्योत्तम कचऱ्याचा पर्यावरणावर होणारा परिणाम	अक्षय	अक्षय 29/05
41	1341	SHAIKH SAMI AMIN	हवानी प्रदूषण	अक्षय	11/3
42	1342	SHINDE RUPALI SHAM	सुदुर्गंधित कचऱ्याचा पर्यावरणावर होणारा परिणाम	अक्षय	11/3
43	1343	UTALE YUVRAJ DINKAR	निर्घटनीय कचऱ्याचा पर्यावरणावर होणारा परिणाम	अक्षय	11/3
44	1344	BAMBLE SARANG BHIMA	टाकाऊ कचऱ्याचे व्यवस्थापन	अक्षय	अक्षय 19/6/23
45	1345	BHOR CHETAN RAJENDRA	प्राण्यांच्या विविध प्रजाती मृदा प्रदूषण	अक्षय	अक्षय

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46	1346	BULE VASANT BHAGAVANTA	जळामधील उपाय साधनासाठी सुलभतेने	120
47	1347	KHIRAD NIKITA RAJU	पाण्याची साठवण व संपादन आणि वनस्पतींचा उदरार	120
48	1348	KOKANE VAISHNAVI SHANKAR	जोषणा वनस्पतींचा उदरार	120
49	1349	MADAKE DINESH TANAJI	टाकाऊ कक्ष्याचे वापरणे	120
50	1350	MALUNJE SHILPA BANDU	इलेक्ट्रॉनिक कक्ष्याचे व्यापारिणाम	120
51	1351	MEMANE SHARMILA BHAGU	निसर्गातील विविध सृष्ट्या पुनतनस्पतींची माहिती कळवणे	120
52	1352	THORAT POONAM KAILAS	बूल प्रदूषणाचा मानव आशयशील होकार करणे	120
53	1353	THORAT SHUBHAM SANTOSH	माझे मारी	120
54	1354	THORAT SIDDHESH P.	शिमारांक अभयारण्य प्रकल्प	120
55	1355	TOTRE ROHIT PRAKASH	वट्या वागवणे	120
56	1356	BHOSE NEELAKSHI SOMENDRA	लुप्तप्राय प्रजाती	120
57	1357	GAIKWAD SHREYA RAJESH	— AB —	120
58	1358	GATKAL AKANKSHA B.	मृदा प्रदूषण	120
59	1359	GAWARE DNYANESHWARI B.	हरित गृहाचे परिणाम	120
60	1360	GHODAKE PAYAL RAVASAHEB	जलपुनर्भरण	120
61	1361	HULE AMIT PANDHARINATH	मृदा, मृदचे प्रकार व तिचे संवर्धन	120
62	1362	INDORE OM RAJENDRA	जलप्रदूषणाची कारणे व त्याची नियंत्रणे	120
63	1363	KOKANE RAJSHREE S.	वनस्पती संवर्धन कळवणे	120
64	1364	MADAKE AKSHADA BABAN	वन संवर्धन	120
65	1365	MASKARE PRIYA RAJENDRA	माती प्रदूषण	120
66	1366	NIGHT SHUBHANGI VILAS	टाकाऊ कक्ष्याचे वापरणे	120
67	1367	POKHARKAR PRACHI SANJAY	पारंपारिक आणि अंपारपरिक उपाय	120
68	1368	SHAIKH NAJIYA KHAJABI	खाणवट्यातील जलपुनर्भरण निर्माण झालेला घोंब	120
69	1369	THORAT AVISHKAR DEVRAM	गृहस्थे सांगतील पर्यावरण संरक्षण	120

1354 - शिमारांक अभयारण्य प्रकल्प
1353 - माझे मारी



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70	1370	THORAT SHIRUTI JAYDAS	स्याहारी प्रदुषण	Shiruti Jaydas	1-2
71	1371	BOMBLE AVADIHUT S.	AB		
72	1372	BORHADE TUSHAR JANAJI	AB		
73	1373	DABHADE ARUN VISHNU	मैसगिक आपत्ती - पूर	Dabhadar	1-2
74	1374	DABHADE GANESH BUDHA	साथीचे रोग भागि मानवी मारिवा	Dabhadar	Utkar 29/10/15
75	1375	GHODE GANESH KALU	भारतालीय सांपण्या प्रजाती	Ghodes	1-2
76	1376	GHUTE AKSHAY NIMBA	मंगळतोषि कुटुंबातील	Ghute	1-2
77	1377	GORADE ASHWINI SANTOSH	AB		
78	1378	INDORE SAHIL BALASAHEB	महाराष्ट्रातील जलसाठा	Indore	1-2
79	1379	MALI AJAY JYOTILAL	नागमिळ तापमान वाढ	Mali	1-2
80	1380	SHISHUPAL TANISHA DIPAK	पर्यावरणीय समस्या	Shishupal	1-2
81	1381	TAVHARE SIDDHESH M.	AB		
82	1382	TEMGIRE SHRIKANT DEVIDAS	AB		
83	1383	UMBRE SUNIL KISAN	मैसगिक आपत्ती - भूखण	Umbre	Utkar 29/10/15
84	1384	UNAVANE SIDDHARTH R.	लोकांचे आरोग्य व स्वच्छता	Unavane	Utkar 29/10/15
85	1385	SHELAR SAGAR SUNIL	AB		
86	1386	GHUTE PUSHPA POPAT	आदिवासींची जीवन पद्धती आणि निसर्ग	Ghute	1-2
87	1387	WABALE SIDDHESH SITARAM	महाराष्ट्रातील धार्मिक सभ व पर्यटन	Wabale	Utkar 29/10/15
88	1388	WALUNJ ADITYA DATTARAM	AB		
89	1390	BHALERAO GAURAV SURESH	महाराष्ट्रातील विविध विद्ये	Bhalerao	Utkar 29/10/15
90	1392	ARGADE SUJIT BABAN	ध्वनी प्रदुषण	Argade	1-2
91	1395	PHODASE ABHAY ANKUSH	AB		
92					
93					



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A.A. College, Manchar

1340- महाराष्ट्रातील प्रमुख पिके -

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Rayat Shikshan Sanstha's
**Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu Science College, Manchar.**
Department of Environment Studies

S.Y.B.Com. Sem. III

“Project”

2022-23





रयत शिक्षण संस्थेचे,
अण्णासाहेब आवटे, कॉमर्स व हुतात्मा बाबू गेणू सायन्स कॉलेज, मंचर
भूगोल विभाग २०२२-२३

दिनांक - ५/०४/२०२३

महाविद्यालयातील द्वितीय वर्ष एस.वाय.बी.कॉम मधील सर्व विद्यार्थ्यांना कळविण्यात येते की, विद्यापीठाच्या अभ्यासक्रमानुसार सत्र ४ साठी अनिवार्य असणाऱ्या पर्यावरण जागृती (AECC-Environmental Awareness) या विषयासाठी प्रकल्प सादर करणे आवश्यक आहे. त्यानुसार प्रत्येक विद्यार्थ्याने प्रा.डॉ.काठे माधुरी मॅडम, भूगोल विभाग यांना प्रत्यक्ष भेटून दि.१५/०४/२०२३ पर्यंत आपले प्रकल्पाचे विषयाचे नावे मॅडमकडे द्यावीत. सदर प्रकल्प खालील बाबींसाह, स्वहस्तक्षरात लिहून दिनांक २९/०४/२०२३ पर्यंत विभागात जमा करावेत. प्रकल्प वेळेत जमा न केल्यास होणाऱ्या शैक्षणिक नुकसानीस आपण स्वतः जबाबदार असाल.

प्रकल्पातील आवश्यक बाबी :-

१. प्रकल्पाची निवड
२. उद्दिष्ट्ये
३. महत्त्व
४. अभ्यास पध्दती
५. निरीक्षणे
६. विश्लेषण
७. निष्कर्ष
८. संदर्भसूची



डॉ. काठे माधुरी
(विषय शिक्षक)



Syllabus for

Ability Enhancement Compulsory Course (AECC – Environment Studies)(2 credit) for under graduate

(For All Faculties - Second Year - Semester IV)

It is as per UGC guidelines and framing -

Unit 5 : Environmental Pollution

- Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution
- Nuclear hazards and human health risks
- Solid waste management : Control measures of urban and industrial waste.
- Pollution case studies.

(10 lectures)

Unit 6 : Environmental Policies & Practices

- Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture
- Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).
- Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

(9 lectures)

Unit 7 : Human Communities and the Environment

- Human population growth: Impacts on environment, human health and welfare.
- Resettlement and rehabilitation of project affected persons; case studies.
- Disaster management : floods, earthquake, cyclones and landslides.
- Environmental movements : Chipko, Silent valley, Bishnois of Rajasthan.
- Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies (e.g. CNG vehicles in Delhi).

(6 lectures)

Unit 8 : Field work

- Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.



- Visit to a local polluted site-Urban/Rural/Industrial/Agricultural.
- Study of common plants, insects, birds and basic principles of identification.
- Study of simple ecosystems-pond, river, Delhi Ridge, etc.

(Equal to 5 lectures)

References :

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4. Gleick, P. H. 1993. Water In Crisis. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
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6. Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. Science, 339 : 36-37.
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8. McNeill, John R. 2000. Something New Under the Sun: An Environmental History of the Twentieth Century.
9. Odum, E.P., Odum, H.T. & Andrews, J. 1971. Fundamentals of Ecology. Philadelphia: Saunders.
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18. Warren, C. E. 1971. Biology and Water Pollution Control. WB Saunders.
19. Wilson, E. O. 2006. The Creation: An appeal to save life on earth. New York : Norton.
20. World Commission on Environment and Development. 1987. Our Common Future. Oxford University Press.



Rayat Shikshan Sanstha's
ANNASAHEB AWATE COLLEGE, MANCHAR DIST. PUNE

Department of Geography-2022-23

Class S.Y.B.Com Sem - 4

Student Name & project list of Environmental Awareness

Sr. No.	Roll No	Name of Student	Title of Project	Signature
1	2301	ARGADE KAJAL SANJAY	ठाकाऊ ऊच्च-स्तरीय व्यवस्थापन	<i>Argade</i>
2	2302	BAMBALE LALIT BHARAT	शहरी भागातील पथविरण सन्तुष्टी	<i>Bambale</i>
3	2303	BANGAR ARTI NANDARAM	फुलांची सामाजिक तसेच धार्मिक दृष्टिकोनातून	<i>Bangar</i>
4	2304	BHALERAO SIDDHARTH MAHESH	पथविरण आणि पथविरणाच्या समस्या	<i>Bhalerao</i>
5	2305	BHALERAO VAISHNAVI DATTATRAYA		
6	2306	BHAWARI ROHIT KASHINATH	दैनंदिन जीवनातील विज्ञान प्रकल्प	<i>Bhawari</i>
7	2307	BHOR NIKITA SHANTARAM	जैविक बोती	<i>Bhor</i>
8	2308	BOKAD RUSHIKESH PANDHARINATH	ओझोन थराचे महत्त्व	<i>Bokad</i>
9	2309	CHASKAR AVINASH GORAKSH	हवामानातील बदलाचे परिणाम.	<i>Chaskar</i>
10	2310	CHIKHALE GANGOTRI ANAND	पथविरणपूरक सेंट्रोय खोले व सेंट्रोय शोनी	<i>Chikhale</i>
11	2311	DHOBALE KOMAL MANIK	पथविरणीय परिसंस्था	<i>Dhobale</i>
12	2312	DHOBALE MAYUR DIPAK	संपदासंवर्धन आणि नियंत्रण	<i>Dhobale</i>
13	2313	DOKE SAKSHI SURESH	पथविरण शिक्षण आणि जल सुरक्षा	<i>Doke</i>
14	2314	DOKE ANURAG SACHIN	सांडपाणी मुळे होणारे आजार	<i>Doke</i>
15	2315	DOKE GAURAV DNYANESHWAR		
16	2316	DOKE SARANG NARAYAN	भूकंप एक नैसर्गिक आपत्ती	<i>Doke</i>
17	2317	DONGARE SONAL SANJAY	दिवाळीतील कशाव्यामुळे होणारे दुष्परिणाम	<i>Dongare</i>
18	2318	ERANDE DNYANESHWARI GANESH		
19	2319	GABHALE PRAJAKTA KISAN	वृक्षारोपण परिसराला आढळणाऱ्या	<i>Gabhale</i>

23/05/2023
23

4/05/2023
23
23/05/2023

29/4/23
02-05/23

3-5-2023
2-5-2023



20	2320	GADKAR GAURAV RAJENDRA	जेताका काळाची गरज कल्प	दिनांक	
21	2321	GANJAVE AAKANKSHA GULAB	कोरना वरिष्ठ कल्प मेल-133 महासर्ग	दिनांक	23/05/2023
22	2322	GUNJAL ANUJ MANOHAR	परिपूर्ण विज्ञान ज्ञान पर्यावरण शिक्षणाच्या प्राकृतिक पर्यावरण विज्ञानाचा ज्ञान	दिनांक	31/05/2023
23	2323	GUNJAL DHANASHIRI SANTOSHI	वातावरणीय आपत्ती जाणित्यस	दिनांक	23/05/2023
24	2324	HINGE NIKITA PANDURANG	कर्मचारी प्रसार. (तांत्रिक शिक्षणाचा माहिती)	दिनांक	21/05/2023
25	2325	ICHAKE SAKSHI RAMDAS	परिसंस्था		
26	2326	INDORE TEJAL DHONDIBHAU	औद्योगिकीकरणाने माती जीवनात आणणे	दिनांक	
27	2327	ISHTE GAURAV SITARAM	परिसराने आपणाच्या औद्योगिक उत्पादनाचे महत्त्व	दिनांक	3-5-2023
28	2328	JAGDALE ADITI BALU	Bio gas प्रकल्प	दिनांक	25-4-2023
29	2329	KADAM PRAVACHANI CHANDRAKANT	परावरील व्यवस्थापन व नियंत्रण	दिनांक	23/5/2023
30	2330	KALE PRASAD ANIL	आभिनव नाचमान वाढ एक समस्या	दिनांक	2-5-2023
31	2331	KALE VINAYA MANIK	हवा मधुमत्त		
32	2332	KANDHARE DIKSHA SANTOSH	बैजोगारी व ध्वनी प्रदूषण	दिनांक	21/5/2023
33	2333	KHUDE PALLAVI ASHOK	राष्ट्रीय स्तरावर साजली पर्यावरण विषयान्वयक	दिनांक	22/05/2023
34	2334	KUDALE SAYALEE SANTOSH			
35	2335	KUNJIR PRATHAMESH CHANDRAKANT	सामाजिक संस्थांचे व त्यांचे व्यापक व्यवस्थापन	दिनांक	4/5/2023
36	2336	LABADE ADITYA SANTOSH			
37	2337	LANDE TEJAS BHARAT	मिथुनिक अग्नी पिकांवरील फीड व नुकसानाचे प्रकार	दिनांक	4/05/2023
38	2338	LANDE ANUJA MACHHINDRA	महाराष्ट्रावर परिणाम करणाऱ्या नैसर्गिक आपत्तींचा	दिनांक	
39	2339	MENGADE KESHAVRAJ SAHEBRAO	वन्यजीव संरक्षण काळाची गरज	दिनांक	3-05-2023
40	2340	MENGADE TANUJA BALASAHEB	पर्यावरणात भूकंपाचे परिणाम	दिनांक	
41	2341	MOHITE AARTI SANJAY	जंगलातील पारिभाषा व त्याचे प्रकार	दिनांक	21/5/2023
42	2342	MOHITE BHARAT RAJENDRA			
43	2343	MOMIN MUSTKIM JAVED			
44	2344	NAIKADE NITA BABAJI	बागेची देखभाल		

Sub
change



45	2345	NIGHT AKANKSHA AJAY	परिभ्रमण विज्ञान	Anksh	28-4-23
46	2346	NIGHT CHETNA SANJAY	पिकांसरील शेगांचे प्रकार	C.S. Nighot	3/5/23
47	2347	NIGHT KIRAN NIVRUTTI	वृक्षतोड एक समस्या	N. Nighot	2-5-23
48	2348	NIGHT VAISHNAVI ASHOK	कार्बन चक्र	Vaishnavi	3-5-23
49	2349	NIKAM PRSAD BALKRUSHNA	स्वाभंग्य	Krushi	4-5-23
50	2350	PHALKE SAHIL SHANTARAM	पवनऊर्जा / फोलाची गरज	Phalke	
51	2351	PINGALE SAKSHI EKNATH	परिभ्रमण विज्ञानाच्या माध्यमातून पृथ्वी काठ्या	Pingale	
52	2352	POKHARKAR ADITYA MAHIPAT	खाणकाम व त्याचे मागील जोडणे	Aditya	
53	2353	POTPHADE CHHAYA NAVNATH	मांडपाणी व्यवस्थापन	Potphade	29-4-2023
54	2354	RAJGURU VANASHREE SHYAM	भारतातील लोकसंख्या वाढ	Rajguru	02/5/2023
55	2355	SABALE SAHIL SHIVAJI	पर्यावरणाचे प्रकार एक भौगोलिक	Sabale	8-5-23
56	2356	SABALE VISHAL SHIVAJI	जैवविविधता - एक आर्थिक समस्या	Sabale	8-5-23
57	2357	SALE SAURAV SHANTARAM	लोकसंख्या विस्फोट सौरऊर्जा	Sale	
58	2358	SHAIKH SIMRAN SALIM	देशातील पुनर्होणाच्या माध्यमातून	Simran	28-4-2023
59	2359	SHELKE APEKSHA SHARAD	व्यावहारिक पुनर्चक्रण प्रक्रिया	Shelke	2-05-2023
60	2360	SHINDE ROSHANI MACHHINDRA	वाहक कोडीमुळे होणारा पर्यावरणाचा नुकसान	Shinde	4-5-2023
61	2361	SHINDE SANIKA SITARAM	जीवाश्म इंधन	Shinde	
62	2362	SHINDE SIDDHESH GORAKSH	पृथ्वी जल संचयन आणि त्याचे फायदे	Shinde	3-5-23
63	2363	SUKALE KALYANI SACHIN	प्राकृतिक पर्यावरण	Sukale	21/05/2023
64	2364	TAVHARE VAISHNAVI PRAKASH	जैवविविधता आणि तिचे संवर्धन	Tavhare	29-04-23
65	2365	THORAT MRUNALI BHAUSAHEB	महाराष्ट्रात पृथ्वी पर्यावरण क्षेत्रातील जैवविविधता	Mrunali	5-05-2023
66	2366	THORAT RUSHIKESH KASHINATH	कृषी प्रदूषणाचा पर्यावरणावर होणारा परिणाम	Rushikesh	3-5-2023
67	2367	THORAT RUTIKA SANJAY	बागेची माखणी व लागवड	Rutika	
68	2368	THORAT RUTUJA SANTOSH	शेततेचे कृषी गरज	Rutuja	6-5-2023
69	2369	THORAT RUTUJA SANTOSH	मजबूत माखणी पर्यावरण	R. Thorat	2/05/2023



70	2370	THORAT TANMAY VIJAY	दरीत अर्थविद्येसाठी	Tanmay	
71	2371	UBALE NIKITA SHRIKRUSHNA	पर्यावरण वरून लक्षितिकांच्या योगात दुष्परिणाम	Abhisek	29-04-2023
72	2372	UNDE OM ANATH	शांद्धीक अंत निर्मिती पर्यावरण प्रकल्प		
73	2373	VISHWAS RUTUJA SAMPAT	टाकाऊ कर्मचाऱ्यांचे व्यवस्थापन - हलकचरा	Payable	
74	2374	WABLE ASHWINI DABAJI	पर्यावरण विज्ञान	Fullus	
75	2375	WABLE TEJAL KAILAS	पर्यावरण विज्ञान	Abhisek	
76	2376	WALASE NEHA RAVINDRA	पर्यावरण विज्ञान	Payable	
77	2377	WALSE PURVA BHAGVAN	श्रीवधी कलांची माहिती		
78	2378	WALUNJ OMKAR GORAKSHA			
79	2379	WAYAL NILESH SURESH		Tayshree	27-4-23
80	2380	YADAV JAYSHREE SHANKAR	पर्यावरण व्यवस्थापन		
81	2381	AADHAN RUTIKA VINAYAK	वन्यजीव अभयारण्य	Sanchiti	27/4/23
82	2382	TOTRE SANCHITI NAVANTH	वनसंरक्षण आणि वनसंवर्धन	Cherange	
83	2383	DHERANGE BHAVANA SANDIP	पर्यावरण विज्ञान आणि वनसंवर्धन	Erande	25-4-23
84	2384	ERANDE SAKSHI DILIP	पर्यावरण विज्ञान आणि वनसंवर्धन	Erande	
85	2385	POKHARKAR SAMARTH VITTHAL	मृदा प्रदूषण		
86	2386	GHODE ABHISHEK SACHIN		Erande	28-4-2023
87	2387	KOLHE PRANALI SHIVAJI	वनसंरक्षण आणि वनसंवर्धन	Erande	29/4/23
88	2388	BHOR SAKHI ASHOK	पर्यावरण विज्ञान आणि वनसंवर्धन	Erande	6/5/23
89	2389	SHETE NIKITA LAHU	पर्यावरण विज्ञान आणि वनसंवर्धन	Erande	4-05-2023
90	2421	BARAVE MANGESH UTTAM	पर्यावरण विज्ञान आणि वनसंवर्धन	Erande	2-05-2023
91	2422	BHEKE KOMAL SANTOSHI	पर्यावरण विज्ञान आणि वनसंवर्धन	Erande	
92	2423	BHEKE NUTAN GANESH	पर्यावरण विज्ञान आणि वनसंवर्धन	Erande	
93	2424	CHIKHALE AISHWARYA SANJAY	पर्यावरण विज्ञान आणि वनसंवर्धन	Erande	28-04-23
94	2425	CHIKHALE ASMITA SANTOSHI	पर्यावरण प्रकल्प	Erande	

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95	2426	DHEKALE SATISH CHINDHA	पाठ्याभ्यास सुतिरिक्त वापरामुळे जलधनकीट	Dhekale	4/05/2023.
96	2427	ERANDE PAYAL MADHURI	देशातील युक्त होत नागा (2) पाठ्याची माहिती.		27/4/2023
97	2428	ERANDE SAURABH SUBHAS	पर्वतांची माहिती एक क्षेत्रीय अभ्यास	S.m. mardhan	29-6-2023
98	2429	GADHAVE KIRAN BALU	सांज्ञिक तापमान वाढीचे परिणाम व वितरण		
99	2430	GAWARI KAJAL KASHINATH	मृदा प्रदुषणाची कारणे व परिणाम		
100	2431	GHADHAVE PUNAM SANTOSH	लोकसंख्या वाढ एक जगातील समस्या.		2/5/2023
101	2432	GHEVADE SEJAL GORAKSH	जंगलताडीमुळे होणारा पर्यावरणाचा		
102	2433	GHODEKAR VAISHNAVI BHAGWAN	जैवविविधता		
103	2434	HULE KAJAL PANDHARINATH	पवन उर्जा प्रकल्प		
104	2435	KHILARI OMKAR DIGAMBAR			
105	2436	KHUTWAD SHRUTI BHARAT	ओझोनच्या रक्षामुळे होणारे परिणाम		
106	2437	LANDE SAGAR KONDU			
107	2438	LOHOTE PRATIK PRAKASH	वनसंवर्धन		
108	2439	LONDHE ADESH DILIP	रासायनिक शेतीमुळे होणारे नुकसान		7-5-2023
109	2440	MANDALE SNEHA BALASASHEB	सांज्ञिक प्रदुषणाचे मानवी जीव परिणाम		
110	2441	MASHERE SHUBHAM MUKUND	सांज्ञिक प्रदुषणाचे मानवी जीव परिणाम		28-05-23
111	2442	MHASADE TEJAS SUNIL			
112	2443	NIGHOT PRATHAMESH DATTATRAY	हरितगृहवायु		4/05/2023
113	2444	NIGHOT RUTUJA ASHOK	क्षेत्रीय किण्वत्सारी प्रदुषण		21/5/2023
114	2445	POKHARKAR HARSHADA SOMNATH	पर्वतारोहण प्रकार		25/4/2023
115	2446	RANPISE ROHIT DILIP	कोरोनासक जागतिक महामारी		29-04-23
116	2447	SAKORE MAYUR BALASAHEB	ओझोनच्या रक्षक		29/4/2023
117	2448	SHIRSATH SIDDHESH GANESH	जलशुद्धता व नद्यांची माहिती		29-04-23
118	2449	TAWRE TEJAS DATTATRY			
119	2450	THORAT NEHA BALU	पाणी टंचाई		



120	2451	THORAT OMKAR SUNIL	नैसर्गिक आधेवासाचा आख्याय करून वनस्पतीची माहिती	Shirhat	29/04/23
121	2452	THORAT SAKSHI BABURAO	भारतातील आदिवासी समाजाची राज्यनिहाळ या देशातील आदिवासी समाजाचे पर्यावरणातील योगदान परंपरा	Shirhat	4/05/2023
122	2453	WAYAL SAKSHI SATISH	पर्यावरणातून लुप्त होणाऱ्या प्राण्यांची माहिती	Bahij	2-5-22
123	2454	LONDHE ROHIT RAJENDRA	मागील 20 वर्षांच्या लोकसंख्येचा अभ्यास	Yash	
124	2455	TAVHARE YASHODIP SHARAD	आपल्या शाळा मानव	Indore	
125	2456	INDORE ANISH ASHOK	सागरा पुढील	Bhauraj	
126	2457	GANJALE BHAVESH SANTOSH	अनुस्फोट माहिती	Indore	6.5.2022
127	2458	BHOR AKASH MANOHAR	माहेर राहणाऱ्यांमधून तलापे प्रकल्प	Indore	
128	2459	SHINDE AKSHADA SHARAD	सौर्य शक्ती: काळाची गरज	Lahur	04-05-2022
129	2460	POKHARKAR RAHUL CHANDRAKANT	जोस्टिक प्रकल्प व त्यावर उपाय	Lahur	28/4/2022
130	2461	PADWAL VAISHNVI DNYNESHWAR	पर्यावरणीय शिक्षण व जलसुरक्षा प्रकल्प	Indore	24/5/2023
131	2462	ERANDE PRIYANKA KISAN	अख्यायचा पर्यावरणीय अभ्यास	Indore	2/05/2023
132	2463	MANKAR SHUBHAM BALKRUSHN	नविस विज्ञानाच्या पर्यावरण वाढीची माहिती	Indore	27/4/23
133	2464	TOTRE SANSKRUTI VISHVNATH	मिमाशंकर अभ्यास 2022	Indore	3-5-23
134	2465	ABHANG ABHISHEK BHAGVAT	स्थानिक उद्योगाचे त्याच्या भौतिकतालच्या चर्चेवर जावर होणारे परिणाम	Indore	6/02/05/23
135	2466	ARGADE OMKAR SHIVAJI	नैसर्गिक साधनसंपत्तीच्या आधारे	Indore	11
136	2467	BHOR SHUBHAM TUKARAM	अख्यायचा पर्यावरणीय अभ्यास	Shirhat	
137	2468	CHAVAN SHRUTIKA DIPAK	दहनकारा व वनस्पती व वनस्थापन	Abhishek	02/05/23
138	2469	DHERANGE ABHISHEK RAMESH	दोनिहासिक किम्यांच्या माहितीचा अभ्यास	Indore	28/04/2023
139	2470	DHERANGE KARISHMA DNYANESHWAR	मध्याह्नकातील धरणाची माहिती	Indore	28/04/2023
140	2471	DOKE SUMIT SANDIP	पिक भागात पिकांसाठी पाणी	Vishvesh	28/04/2023
141	2472	FADALE VIGHNESH SHASHIKANT	मध्याह्नकातील नद्यांचे प्रकल्प	Indore	28/04/2023
142	2473	GADE PRAJWAL BALASAHEB	वनसंरक्षण	Indore	
143	2474	GAIKWAD MAKRAND MACCHINDRA	सिमेंटच्या जमलाचे पर्यावरणावर	Indore	28/04/23
144	2475	HULE AKANKASHA SUDHIR	होणारे परिणाम		

अनुसूचित बतसेच मोबाईल वॉटर मधून रेडियमचे पर्यावरणावर होणारे परिणाम



145	2476	INAMDAR ARSHIN FATEMA JUBER	विजेची बचत व काळजी गरज	Arshin	
146	2477	LANDE DHANANJAY LAXMAN	नैसर्गिक साधनसंपत्तीची मानवी उपवनावरण	Lande	
147	2478	MORE PRASHIK SANJAY			
148	2479	NIGHT ISHWAR VITTHAL	हवानी सुधुषण	ISHWAR	
149	2480	PINGALE SIDDHESH MARUTI			
150	2481	POKHARKAR AKASH MARUTI	शास्त्रीय कृत्रिम संश्लेषी प्राविण्य विषयक चक्रवर्त	Aakash	25-4-23
151	2482	SALUNKE BALAJI GANESH			
152	2483	SHEWALE VAIBHAVI YUVRAJ	नैसर्गिक संसाधने त्यांचे व्यवस्थापन व संवर्धन प्रकल्प	Shewale	4-05-2023
153	2484	SURVASE SNEHA AMBADAS	महाराष्ट्रातील राष्ट्रीय उद्याने पर्यावरण	Sneha	4-05-2023
154	2485	TAMBADE PRATIK SANDIP	जलसुरक्षा प्रकल्प		
155	2486	VARPE SANKALP SANJAY			
156	2487	WABALE APARNA NANASAHEB	आपत्ती व्यवस्थापन	Aparna	25.4.2023
157	2488	WAGHMARE ROHIT BHARAT	शासनात्मक धन व किटकनाशकांचे अतिरेक वापर	Rohit	25-4-2023
158	2489	WAGHMARE ROSHAN SANTOSH			
159	2490	WAYAL TEJAL AJIT	परिस्थान बापडगा-या भायुर्वैदिक पत्रावलीचे प्रकल्प	Tejal	3-5-2023
160	2491	ERANDE BHAGYASHREE SANTOSH	वृक्षरीपत काळाची गरज	Bherande	
161	2492	THORAT ABHISHEK RAMDAS	अंतर्गत व संस्था व्यवस्थापन प्रकल्प	A. R. Thorat	13-5-2023
162	2493	WAGHMARE PRAJAKTA DATTATRAYA			
163	2494	THORAT NIKHIL SAHEBRAO	म. मृदा जल संपरण एड प्रकल्प	Nikhil	13/05/2023
164	2495	WABLE PRANAV GANESH	अपारंपारिक ऊर्जा वापर प्रकल्प पर्यावरण	Pranav	23/5/2023
165	2496	MEER MAHAMMAD IRATEZA KAMARALI	क-परी कमी गरजे व पर्यावरण गरजे	Meer	21/5/2023
166	2497	BOMBE PRIYA BABAN	निव्वरणी सात शेतभाज्यांचा प्रकल्प		
167	2498	LOKHANDE SANIKA SHIVAJI	पर्यावरण आणि सामाजिक परिणाम सुधारणे	Sanika	25/04/23
168	2499	ADHALRAO ANIRUDDHA SURESH			
169	2500	GADEKAR RUTUJA BALASAHEB			

176



170	2501	PINGALE YOGIT SURESH	शांभुचरणिक अतांणी व/इत/वापर भाजि घातकपरिणाम	Singale	03/05/23
171	2502	HINGE PRAMOD JAYSING	किरगीतारी प्रडसण	Prans	3-5-23
172	2503	PAWAR ANKIT SUNIL	भारतामधील पर्यावरण विमरक कारादे	Prans	25-2-23
173	2504	GHAYTADKE KAUSHAL RAMDAS			
174	2505	MORE AKASH RAM	पुनर्व्य मन संयथण दु ल्याये कायेद	Akash	3-5-23



2463

PROFILE

NAME: Manoj Shubham Ballkrushna

SUBJECT: Environment

SEMESTER:

YEAR:

CLASS: S.Y (B.Com)

ROLL NO.: 2463

UNIVERSITY NO.:

ACADEMIC YEAR: 2022-23

PROFESSOR IN CHARGE:

DEPARTMENT: Commerce

HEAD OF DEPARTMENT:

UNIVERSITY: S.P.P.U

Certificate

Class: S.Y (B.Com)

Year: 2022-23

This is to certify that the work entered in this journal is the work of Kumar / Kumari Shubham Ballkrushna

Manoj

who has worked for the 1st Term / the 2nd Term / both the Term of the year in the school / college Laboratory.

Professor-in-charge

Head of Department

Date: _____



PROFILE

NAME: Bheke Komal Santosh

SUBJECT: EVS

SEMESTER: II

YEAR: 2022-23

CLASS: S.Y.B Com

ROLL NO.: 2422

UNIVERSITY NO.:

ACADEMIC YEAR: 2022-23

13 MKOTHE

PROFESSOR IN CHARGE:

15

DEPARTMENT:

HEAD OF DEPARTMENT:

UNIVERSITY:

Certificate

Class: S.Y.B COM

Year: 2022-23

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who has worked for the 1st Term / the 2nd Term / both the
Term of the year in the school / college Laboratory.

Professor-in-charge

Head of Department

Date: 10-6-2023



अण्णासाहेब आर्वे कॉलेज, मंचर

Name: Londhe Adesh dilip.
 Subject: enviromental Awareness
 Year: 2022-2023 Semester: IV
 class: S.y. B.com (B) Roll No.: 2939
 University No.: 08 MHKADH
 Academic Year: 2022-2023
 Professor In Charge: _____
 Department: Geography Head of Department: _____
 University: Savitribai Pule University Pune.

P
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L
E

Sulabh®

BOOKS FOR SMOOTH WRITING

CERTIFICATE

CLASS: S.y B.com

Year: 2022-2023

This is to Certify that the work entered in this journal is the work of

KUMAR / KUMARI Londhe Adesh dilip.

Who has Worked for the ~~1st Term~~ / the 2nd Term / Both the Terms

of the Year 2022-23 in the college Laboratory.



Professor-in-Charge

Head of Department

Date: 10-6-2023



... (पर्यावरण) ...

• नाव :- श्रीवाळे वैष्णवी थुवराज.

• आण्णासाहेब आवटे, कॉलेज,
मंथर.

• वर्ग :- S.Y. B.com • तुकडी :- (ब).

• विषय :- नैसर्गिक संसाधने,
त्यांचे

~~12~~ / ~~15~~ / ~~15~~

या तत्कापने व संवर्धन प्रकल्प.

• शीट नं :- 2483.





... (पर्यावरण) ...

• नाव :- शेवाळे वैभववी युवराज.

• आण्णा साहेब आवटे कॉलेज,
मंथर.

• वर्ग :- S.Y. B.com • तुकडी :- (ब).

• विषय :- नैसर्गिक संसाधने,
त्यांचे

12 / 15 Mkote

व्यवस्थापन व संवर्धन प्रकल्प.

• शीट नं :- 2483.





Rayat Shikshan Sanstha's
**Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu Science College, Manchar.**
Department of BBA (CA)

“Project”

2022-23




ANNASAHEB AWATE ARTS, COMMERCE & HUTATMA BABU GENU SCIENCE COLLEGE, MANCHAR
Department: BBA(CA) 2020-2023

Roll No	Student Name	Project Name
3801	AUTI KALPESH BALKRUSHNA	Website Car Rental
3802	BAGAL PRITI SANDIP	Snake Game Management System
3803	BANGAR SARIKA PANDURANG	Pizza huts system
3804	BANGAR SAYALI ROHIDAS	Beauty Parlor Management System
3805	BHOR GANESH ROHIDAS	Car Driving System
3806	BHOR SUSHANT BALASAHEB	Student Record Management system
3807	CHANDEKAR ANURAG DNYANESHWAR	Car Driving System
3808	CHIKHALE ADITYA SHAILENDRA	Grossary Managment System
3809	GADHAVE TRUPTI DATTATRAY	Travel Agency management
3810	GADHAVE VAISHNAVI ANIL	E-commerce Management System
3811	GAWADE SIDDHESH PANDHARINATH	Men Salon Management Sytem
3812	GUNJAL SAIL MARUTI	Agriculture Implement Order System
3813	HINGE SAI GURUDATTA	Grossary Managment System
3814	HINGE SANIKA MACHCHINDRA	Restaurant Management System
3815	KAHADANE ADITYA DILIP	Doctor Management System
3816	KALE GAURAV VINAYAK	Agriculture Implement Order System
3817	KANADE ADITYA BALSHIRAM	Doctor Management System
3818	MORDE DHANESH DINKAR	Restaurant Billing system
3819	MULANI HASINA YUNUS	Hospital management System
3820	PABALE OMKAR VASANT	Art Gallery Website
3821	PAWAR PAYAL SANJAY	Pizza huts system
3822	POKHARKAR SMRUTI SURYAKANT	Beauty Parlor Management System
3823	RUKARI SOMNATH DATTATRAY	Men Salon Management System
3824	SHAH PRATHAMESH RAKESH	Restaurant Billing system



3825	SHAIKH MOHAMMAD ATIB FARID	Café Management System
3826	SARAWADE SIDDHESH MARUTI	Restaurant Management System
3827	NIRHALI KEDAR RAJESH	GYM Management System
3828	KANOJIYA MONIKA RAJENDRA	Online book management system
3829	MORDE SUPRIYA BHASKAR	Store management System
3830	GAWADE SAYALI DNYANESHWAR	Simple Billing Management System
3831	GAWADE ASHWINI DNYANESHWAR	Student Record Management system
3832	BORHADE ADITYA MANGESH	GYM Management System
3833	NAYDU RAJESH NAGRAJ	Tourism management System
3834	KARAVANDE SUPRIYA ASHOK	Hospital management System
3835	KHAIRE ATHARV JAGDISH	Art Gallery Website
3836	SONAWANE KARAN BHARAT	Website Car Rental
3837	HINGE DIKSHA EKNATH	Simple Billing Management System
3838	GADE PRANAY POPAT	Travel Agency management
3839	MORE PALLAVI SUNIL	Travel Agency management


 H.O.D.
 BBA(CA) Department
 A.A.College, Manchar 410 503



Roll No. : 3844, 3845

Exam.Seat No. 6313/6323

"Education through self-help is our motto." KARMAVEER

Rayat Shikshan Sanstha's

**Annasaheb Awate Arts, Commerce,
Hutatma Babu Genu Science College &
Sou. Kusumaben Kantilal Shah Arts, Commerce,
Science Junior College,
Manchar, Tal.Ambegaon, Dist.Pune 410503**



CERTIFICATE

DEPARTMENT OF B.B.A.(C.A.)


Date : / /20

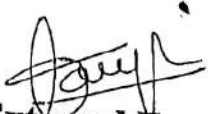
This is to certify that Mr./Miss. Aditya Dnyaneshwar Gaole / Pranay Patil
Exam Seat No. 6313 / 6323 has Satisfactorily Completed Hostel Management Grade

Practical Assignment / Project Work in **F.Y. / S.Y. / T.Y. B.B.A.(C.A.)** as per Syllabus laid down
by the Savitribai Phule Pune University, Pune during the Academic Year- 2023-2024




Subject Teacher


Internal Examiner


External Examiner
03/11/23


HOD
B.B.A. (C.A.)

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-Karmaveer.

Rayat Shikshan Sanstha's

**Annasaheb Awate Arts, Commerce And
Hutatma Babu Genu Science College, Manchar.**

Department Of Bachelor of Business

Administration (Comp.Appli.)



Rayat Shikshan Sanstha

Project Report :

Project Name : Hostel Management Site.

Name of Student's :

1. Aditya Dnyaneshwar Gade.

2. Pranay Popat Gade.

Under the Guidance of :

Prof. Khatal S.D.

Savitribai Phule Pune University.
Year 2023-2024



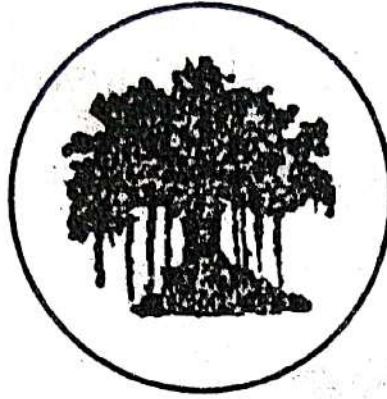
Roll No. : 3805/3892

Exam.Seat No. 6310/6318

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Rayat Shikshan Sanstha's

**Annasaheb Awate Arts, Commerce,
Hutatma Babu Genu Science College &
Sou. Kusumaben Kantilal Shah Arts, Commerce,
Science Junior College,
Manchar, Tal.Ambegaon, Dist.Pune 410503**



CERTIFICATE

DEPARTMENT OF B.B.A.(C.A.)

Date : 23/11/2023


This is to certify that Mr./Miss.Gunjal Sail Manuti A. Bhor Ganesh Rohidas.....

Exam Seat No 6310/6318 has Satisfactorily Completed. Car Driving Game.....

Practical Assignment / Project Work in F.Y. / S.Y. / T.Y. B.B.A.(C.A.) as per Syllabus laid down


by the **Savitribai Phule Pune University, Pune** during the Academic Year- 2023 -2024




Subject Teacher


Internal Examiner


External Examiner


HOD
B.B.A. (C.A.)

23/11/23

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Rayat Shikshan Sanstha's

**Annasaheb Awate Arts, Commerce And
Hutatma Babu Genu Science College, Manchar.**

Department Of Bachelor of Business
Administration (Comp.Appli.)



Project Name : Car Driving Game.

Name of Student's :

1. Bhor Ganesh Rohidas

2. Gunjal Sail Maruti

Under the Guidance of :

Prof. Khatal S.D.

Savitribai Phule Pune University.

Year 2023-2024



Roll No. : 3802
3814

Exam.Seat No. 6315
6331

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Rayat Shikshan Sanstha's

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Hutatma Babu Genu Science College &
Sou. Kusumaben Kantilal Shah Arts, Commerce,
Science Junior College,
Manchar, Tal.Ambegaon, Dist.Pune 410503**




CERTIFICATE

DEPARTMENT OF B.B.A.(C.A.)



Date : 20/11/2023


This is to certify that Mr./Miss. Hinge Sanika / Bagal Priti
Exam Seat No. 6315..... has Satisfactorily Completed. snake Game
6331
Practical Assignment / Project Work in F.Y./ S.Y. / T.Y. B.B.A.(C.A.) as per Syllabus laid down
by the Savitribai Phule Pune University, Pune during the Academic Year- 2023-2024


Subject Teacher



Internal Examiner



External Examiner


HOD
B.B.A. (C.A.)



Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma

Babu Genu Science College, Manchar.

Department of Physical Education Scheme

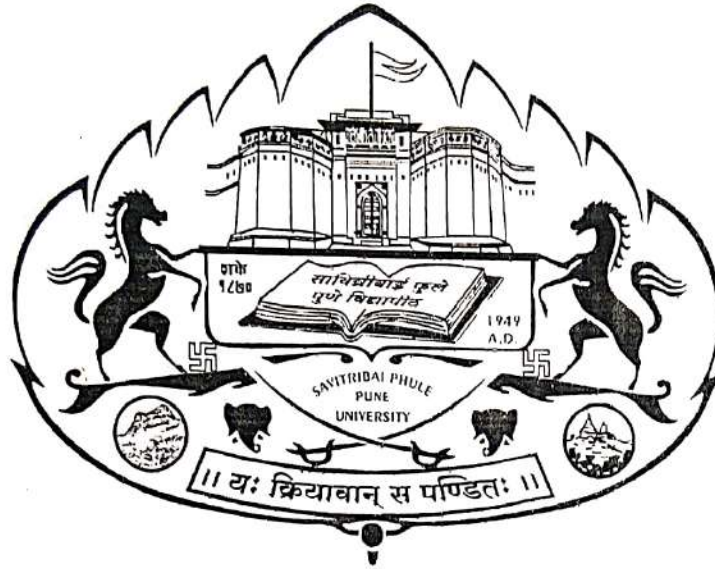
F.Y.B.A./B.Com./B.Sc.

“Project”

2022-23



SAVITRIBAI PHULE PUNE UNIVERSITY



PHYSICAL EDUCATION SCHEME

(Syllabus and Guidelines for First Year
Under Graduate Students of All the Faculties)

Effective from Academic Year 2019 - 2020



PHYSICAL EDUCATION SCHEME

**Syllabus and Guidelines for First Year Under Graduate Students of
All the Faculties**

Effective from Academic Year 2019 - 2020

COURSE - 101 PHYSICAL EDUCATION AND SPORTS (2 CREDITS)

OR

COURSE - 102 PHYSICAL EDUCATION AND YOGA (2 CREDITS)

**Note: College / Institute should offer 2 credits either of Physical Education and Sports
or Physical Education and Yoga depending upon facilities available at the college /
institute.**



EVALUATION STRUCTURE

Table 1

Semester	Course	Credit	Marks	Mode of Evaluation
II	COURSE - 101 PHYSICAL EDUCATION AND SPORTS (2 CREDITS)	1*	25	Project(15 marks) and Practical(10 marks) (10 hrs. of participation in selected game/sport).
		1**	25	Practical - Fitness Test (Table 2)

*indicate first credit **indicate second credit

- To complete first credit of Course - 101 Physical Education and Sports, Teacher will have to **conduct 5 theory lectures** (college may schedule these lecture during first or second semester before fitness assessment) and student will have to attend 5 theory lectures and has to participate in selected game / sport for **minimum 10hrs.** and will have to prepare a handwritten project work on the sports event selected for that year in his/her language selected for studies. **The project** to be prepared will be based on the following contents:
 - History of the Game
 - Ground measurements
 - Skills of the game
 - Basic rules of the game
- Procedure for fitness tests are given in the guidelines section which also includes Norms Table. Marks to be awarded in accordance with the norms table.

Fitness Test:

Table 2

Sr. No.	Component	Test	Marks
1	Cardiovascular Endurance (Any One)	1. Modified Queens College Test or 1. 12 Min. Run Walk	10
2	Flexibility	2. Sit and Reach Test	05
3	Muscular Strength Endurance	3. Bent Knee Sit Ups	10
4	Body Composition	4. Fat Percentage	--
Total :			25

In the second semester the students will have to appear for the Fitness Test (25 marks). Test wise weightage of marks is as per Table 2. The examination will be conducted as per the convenience of the college in second semester.



Rayat Shikshan Santha

Annasaheb Awate College Manchar

FYBIOTECH Project Submission 2022-2023

Roll No	Student Name	Phone No.	Signature
4001	AHER ABHAY RAOSAHEB	9420707802	<i>Aher</i>
4002	CHAUDHARI PRATIK VIJAY	7083596364	<i>Pratik</i>
4003	CHIMATE SANJAY ANANTA	7887477123	
4004	DOKE AARTI SHANKAR	7249022631	
4005	KOPARE ADITYA GORAKSHANATH	7709487973	<i>Kopare</i>
4006	KORDE RAHUL VISHNU	7499505443	
4007	LADAKE VIKAS VITTHAL	9405423195	
4008	PATHAN JIYA AMJAD	9325003357	
4009	SHINDE AKASH RAJENDRA	8262030906	<i>Shinde A.K.</i>
4010	SHINDE SANIKA RAJARAM	9892823819	



Roll No	Student Name	Phone No.	Signature
1001	AMBATKAR TEJAS SHATRUGHA	7058113856	
1002	ASAWALE ARCHANA NAMDEV	9881861501	
1003	ASAWALE RAMCHANDRA VIJAY	7020701792	Asawale
1004	ATTAR JUVERIYA YUSUF	7385917515	
1005	BACHKAR GANESH POPAT	7666310695	
1006	BADHE ASHISH SHIVAJI	9975614063	Badhe
1007	BAGAD RAHUL SITARAM	9325426298	R.S. Bagad
1008	BAMBALE KARAN MACHINDRA	8010879844	
1009	BAMBALE PRAMILA RATNAKAR	9067402948	Bambale
1010	BHAIYYE ABHISHEK DINESH	9529969903	
1011	BHOIR GAURAV DATTATRAY	9699716611	Gaurav D. B
1012	BHOJANE MAHESH PANDURANG	7588981079	Bhojane
1013	BHOR SHUBHAM NATHA	9172646962	
1014	BIDKAR ANIKET AMIT	8080100435	
1015	BIDKAR NISHA DNYANESWAR	7559304312	Bidkar
1016	BORHADE DEEPAK HONA	7499537566	
1017	BULE ANUKETAN SOMA	9307175754	
1018	BULE MAYUR CHAHADU	8767866714	Bule
1019	BULE RAVINDRA DATTU	9699512711	
1020	CHASKAR ADITYA SANDEEP	9146613257	
1021	CHAUGULE SAMIKSHA SANJAY	9970375488	S.S. Chaugule
1022	CHAVARE VAIBHAV VIKAS	7058121864	
1023	DABHADE NILAM BABAN	9370266954	N.D. Dabhadre
1024	DABHADE SUNIL KALURAM	9529915559	
1025	DABHADE VISHAL MANOHAR	7666586620	
1026	DAMASE ASHWINI YUVRAJ	7499048521	Damase
1027	DHENGALE BHAVIK DIGAMBAR	9359075306	
1028	DHINDALE SUREKHA REWAJI	9209120308	
1029	DUDHANE SHITAL RAJENDRA	9511223282	S. Dudhane
1031	GAVARI SANKET VITTHAL	8010141653	
1032	GAWADE PAYAL VILAS	8010081645	



No.	Student Name	Phone No.	Signature
1033	GAWADE PRADIP RAJU	9322550047	P.P. Gawade.
1034	GAWADE DATTA ASHOK	9657309566	
1035	GAWARI KOMAL SHANKAR	8411871653	Bhawaji
1036	GENGAJE SWAPNIL VIJAY	9022799214	Swapnil
1037	GHODE MAYUR RAMDAS	7822959194	Mayur
1038	GHODEKAR AVISHKAR SANJAY	7821983633	
1039	GHULE PRAJAKTA BHAUSAHEB	8080003589	Prajakta
1040	GHUTE GAYATRI KRUSHNA	8830933703	Gayatri
1041	GHUTE NARAYAN NAMDEV	9322760362	Narayan
1042	GIRANGE PAURNIMA SUNIL	9022132922	Paurnima
1043	GODE RENUKA SITARAM	9322226275	Renuka
1044	GUNJAL SAIPRASAD MAKRAND	9921716177	
1045	HAGAWANE MANGESH DHAWJI	7499233124	Mangesh
1046	HULAWALE SAKSHI VIJAY	9987639949	Sakshi
1048	JADHAR SAYALI ARUN	9322745362	Sayali
1049	JUMNAKE KOMAL MANOHAR	9921139402	
1050	KALE KAMAL RAMDAS	8862034917	
1051	KALE TRUPTI SUBHASH	9359776536	T.S. Kale
1052	KAMBALE ABHISHEK NARAYAN	8420317677	
1053	KAROTE RAMDAS KASHINATH	8010249716	Ramdas
1054	KAROTE RESHMA VISHNU	9579157713	Reshma
1055	KEDARI TUSHAR HONA	7666696085	
1056	KENGALE RAJESH TUKARAM	9172763103	
1057	KHUDE ARCHANA SANTOSH	9767858171	Archana
1058	KIRVE VAISHNAVI DAGADU	7249189853	Kirve
1059	KONDHAWALE MAHENDRA SITA	9359502479	Mahendra
1060	KUDEKAR AMOL TUKARAM	8055245870	Amol
1061	KUNJIR SIDDHI SADANAND	8208032776	
1062	LANGHI DIGAMBAR VISHNU	9307101614	Digambar
1063	LANGHI VISHAL TAWJI	8261056642	Vishal
1064	MAGHADE ARTI VILAS	9028366059	
1065	MALI ASHWINI BUDDHA	9325786067	Ashwini
1066	MANKAR SHRUTI SANDIP	8625976473	
1067	MARADE RUPALI NIVRUTTI	9049863644	Rupali
1068	MAVKAR SAKSHI JAYSING	9699632796	



	Student Name	Phone No.	Signature
	MECHAKAR NIKITA ARUN	9322818609	M.A.
1070	MEMANE NIRMALA BHAGU	9405302641	M. Memane
1071	MIDAGULE RUSHIKESH KALURAM	9322578402	
1072	MOHITEE PRITI RAJARAM	7066685796	
1073	MUTHE ROHAN BUDHAJI	8010458421	Rohan
1074	NIGHOT DHANESH BABAJI	9096143586	
1075	PARADHI AKSHAY EKNATH	8010368972	
1076	PARADHI MAYA BABAN	7821059314	P. Maya
1077	PARADHI TANUJA CHANDRAKANTH	9552261644	
1078	PINGALE SUSHANT BARKU	9767249419	
1079	PINGALE VISHAL VISHWAS	8010116497	
1080	PINGALE DNYANESHVARI DATT	8329016716	
1081	POKHARKAR ASHIRVAD SANTOS	8623870563	A.S.P.
1082	POKHARKAR PRIYA NAVNATH	9970643894	P. Priya
1083	POKHARKAR SUMIT SURESH	9579428793	
1084	RAJGURAV SAKSHI CHNADRAKANTH	7875774331	
1085	RAKSHE SAMIKSHA KASHINATH	9730035260	Samiksha
1086	SANGADE DILIP ASHOK	8788909674	D. Dilip
1087	SAWANT PRAJAKTA KHANDU	8237526430	
1088	SHINDE SNEHAL RAJENDRA	9518303658	
1089	SUPE ABHISHEK RAJARAM	9356592581	
1090	TALAPE AVINASH DEVARAM	7498429793	
1091	TALAPE OMKAR TUKARAM	8080545925	
1092	TAVHARE SHUBHAM UTTAM	9561963018	
1093	TEMKAR VIRAJ SANDIP	9881573395	
1094	THIGALE YADNESH MANGESH	7058163989	
1095	THORAT AYUSH YOGESH	7385916864	
1097	THORAT DARSHAN SANJAY	9699944028	D.S.
1098	THORAT KIRAN ASHOK	9028615120	
1099	THORAT ROSHAN LAXMAN	7420032932	R. Roshan
1100	THORAT SAKSHI NAVNATH	9970375552	
1101	THUBAL TEJAS KISAN	8788882651	T. Tejas
1102	TOTRE MOHINI BABAN	7887345782	M. B. Tatre
1103	UMBARE SOPAN BALU	9529473392	
1104	VALE PRAJAKTA SURESH	8459481724	P. S. Vale



Roll No	Student Name	Phone No.	Signature
1105	VARPE PANKAJ MACHHINDRA	7249149305	
1106	VARPE SARTHAK NITIN	9975775756	
1107	VARPE SNEHA SANTOSH	9834824924	<i>Varpe</i>
1108	VEDE TUSHAR ANKUSH	7588420265	<i>Vedeshwar</i>
1109	WADEKAR PRANITA SOMA	9699301842	
1110	WAYAL SAKSHI ULahas	9665305951	
1111	ZARE PALLAVI MADHAVRAO	7385991214	<i>Pallav</i>
1112	ZITE SUNIL RAJU	9579563757	<i>ZITE</i>
1121	DOKE TEJAS CHANDRAKANT	9309369370	
1122	GAWARI SUPRIYA SAMBHAJI	9112295145	
1123	JOSHI VIMAL NATHA	9322366422	<i>V. N. Joshi</i>
1124	KALE ANIRUDDHA SANTOSH	8010577944	<i>Kale</i>
1125	MEMANE SAVITA SAKHARAM	8625020730	<i>Memane</i>
1126	MILKHE SAGAR SAKHARAM	9049525329	
1127	MISKIN DNYANESHWAR VISHNU	9561312924	
1128	NIGHOT ROHAN TUKARAM	7758016663	
1129	PAWAR ANIKET SHANKAR	7249249881	<i>Aniket</i>
1131	SHELAKE VARSHA VIJAY	8999696897	<i>Shelake</i>
1132	SHINDE GANESH NAVNATH	8652604536	
1133	SHINDE ROHAN SANJAY	7028903191	
1134	WAJE SNEHAL RAMDAS	9359612242	<i>Waje</i>
1135	GAIKWAD BHUSHAN ASHOK	7666529764	
1136	ASAWALE VISHAL VIJAY	8010365194	<i>Vishal</i>
1137	BADHE SAKSHI DILIP	8600334702	
1138	INAMDAR MOHAMMAD ARAMAN	9156872812	
1139	JADHAV SHIVANI VAMAN	7397830912	
1140	THORAT DNYANESH VILAS	8459940996	
1141	MARABHAL KAILAS VISHVAS	8308872891	
1142	POKHARKAR ANIKET PRAKASH	9860592215	
1143	SAROJ PANKAJ ASHOK	9665812131	
1146	SHINDE PAVAN DATTATRAY	9373071282	
1145	TARU NIKHIL SURESH	8956797582	
1144	BHOSALE RITESH CHANAS	9730111325	
1147	BHAVARI PRATIK JALINDAR	9322971165	
1148	MANDAVE VISHAL SANJAY	7517662718	
1149	BHOIR CHETAN MAHADU	7219161765	
1150	KARALE VISHAL SHANKAR	8847705251	
1151	KHANDAVI ROHIT RAVINDRA	7620785746	



Roll No	Student Name	Phone No.	Signature
1152	PHALE TANVI JANARDHAN	8805827278	
1153	PARADHI MAYA BABAN (Duplicate Ref No 1076)		
1154	SHINDE SHRIYA VILAS	9209076573	



Rayat Shikshan Santha

Annasaheb Awate College Manchar

FYBCOM (Marathi) Roll Call List A.Y. 2022-2023 Project

Roll No	Student Name	Phone No.	Signature
2001	ADHALRAO ICHHA SITARAM	9021725760	Ichha
2002	BABALAD GANESH LAXMIPUTRA	7020426126	Chabalkar
2003	BAGAL KRUSHNA TANHAJI	9309866832	Prasad
2004	BAMBALE AMRUTA PUNAJI	8767539729	A.P. Bamba
2005	BANGAR DIVYA JALINDAR	9075637418	Divya
2006	BHARMAL PRATHAMESH KHANDERAO	8483975217	P. K. Khanderao
2007	BHAVARI VAIBHAV GOVIND	9172433431	Govind
2008	BHOR PAYAL SANTOSH	9096438024	Payal
2009	BHOR POOJA DHONDIBHAU	9356412044	Pooja
2010	BHOR PRANITA KISHOR	9309312097	P. S. Bhor
2011	BHOR PRIYA EKNATH	9766170902	
2012	BHOR RADHIKA SANDIP	7387772822	Radhika
2013	BHOR RUTIKA HARISHCHANDRA	9503927550	Rutika
2014	BHOR SHEJAL SANTOSH	9665554525	Shejal
2015	BHOR SHWETA RAMDAS	9067289792	Shweta
2016	CHAUDHARI SUMAN VITTHAL	8180959210	Suman
2017	CHIKHALE ABHIJIT PANDURANG	9096490614	Abhijit
2018	CHIKHALE SAKSHI KAILAS	8080037287	
2019	DAKE RAJ SANJAY	8010402026	Raj
2020	DHOBAL SNEHA SANTOSH	9172813976	Sneha
2021	DHUMAL HARSHAD PRAMOD	9307834002	
2022	DHUMAL RUTUJA RAGHUNATH	7499017490	Rohini
2023	DHUMALE SAYALI NILESH	9307782326	Sayali
2024	DOKE TRUPTI GANESH	9665993450	Trupti
2025	DONGARE PAYAL RAMESH	7397825057	Payal
2026	ETAME SNEHA SUDHIR	7385694979	Setama
2027	GADEKAR SAKSHI SHARAD	9146506690	Ashish
2028	GADHAVE ADITI SUDAM	8600962109	Aditi
2029	GAVADE KUNAL VILAS	8010081645	
2030	GAWARI ABHISHEK SANDIP	9890476302	Abhishek
2031	GHEWADE KIRAN SHANKAR	9623268446	Kiran

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	GHULE MAYUR BARKU	8767645088	<u>Ghule</u>
	INAMDAR SIMRAN SHAKUR	7249022378	Inamdar
2034	JADHAV PUNAM RAJARAM	9834036699	
2035	KARLE SUSHANT SANTOSH	9322583369	Karle
2036	KAROTE ANKITA SHANKAR	8767936843	Karote
2037	KEDARI SAMIKSHA SURESH	8381077670	<u>Kedari</u>
2038	KENDRE PRACHI KAILAS	9028062329	<u>Kendre</u>
2039	KHEBADE SHITAL DATTATRAY	9028061798	<u>Khegade</u>
2040	KONDHAVALA SAKSHI PRAKASH	7559363624	<u>Kakshi</u>
2041	KUDALE SAKSHI SANDIP	9307505959	<u>Kudale</u>
2042	KURKUTE SHUBHANGI MARUTI	7385918314	Kurkute
2043	LOKHANDE DISHA SURESH	9561957739	<u>Lokhan</u>
2044	LONDHE AISHWARYA DATTATRAY	9657472427	
2045	MANKAR ROHAN RAVINDRA	9130889469	
2046	MANKAR SIDDHESH ANANDA	8329791090	
2047	MODHAVE SAYALI GANESH	9309060653	<u>S. G. Modhave</u>
2048	MORE SAKSHI MOHAN	9921940110	More
2049	MUTHE CHANDRABHAGA VITTHAL	7972626204	<u>Muthe</u>
2050	NEMANE VAISHALI GANESH	9028601903	
2051	NIGHOT ADITI NARENDRA	9766691903	<u>Aditi</u>
2052	NIGHOT ROSHNI SHUBHASH	8010360509	<u>(N) Nighot</u>
2053	NIGHOT SAYALI SOPAN	7218351525	<u>Sayali</u>
2054	PATASKAR SANJANA AJAY	7841852540	<u>Sanjana</u>
2055	PAWAR DIVYA TANAJI	9767506923	<u>D. T. Pawar</u>
2056	PAWAR KARAN FAKIR	7498708683	<u>(P) Pawar</u>
2057	PINGALE SAKSHI SHARAD	9356906575	<u>Pingale</u>
2058	POKHARKAR PRAGAT ANIL	7558589514	<u>Pingale</u>
2059	POKHARKAR SWAPNALI SUNIL	9970038406	<u>Swapnal</u>
2060	RAKSHE PAYAL BHAGAVAN	9970312315	<u>Rakhe</u>
2061	RANPISE SIDDHI HARIBHAU	7021998768	<u>Ranpise</u>
2062	RASAL ANURAG SHAM	8698288187	Rasal
2063	SATKAR VISHAKHA BAPURAO	9322469476	<u>Vishakha</u>
2064	SHAIKH MUSTAK JAINUDDIN	7385784331	
2065	SHELAKE VARSHA LAXMAN	8010478573	<u>Shelake</u>
2066	SHEWALE KIRTI RAJENDRA	8010376395	<u>Shewale</u>
2067	SHEWALE PRAKTA RAJU	8459326074	<u>Shewale</u>

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068	SHEWALE RUTVIK TANAJI	7385082279	Rutvik
2069	SHINDE DNYANESHWARI LAHU	9890924274	Shinde
2070	SHINDE KETAN RAJENDRA (Can)		Shinde
2071	SHINDE TANVI ASHOK	8999707981	Tanvi
2072	SOMAVANSHI VIRAJ RAJENDRA	9096026066	Viraj
2073	SUPE POOJA BARKU	9359788227	Pooja
2074	TEMGIRE KARUNA GOPINATH	9561961982	K. G. Temgire
2075	TEMGIRE GAYATRI RAMDAS	8767716017	G. R. Temgire
2076	TEMGIRE PRANJAL SHAM	7757814920	Pranjale
2077	THITE VAISHNAVI SACHIN	9325807470	Vaishnavi
2078	THONGIRE ADITYA MADHUKAR	8080355164	Thongire
2079	THORAT PAYAL SHARAD	9004208963	Payal
2080	WAGH DISHA BHAGWAN	8422037644	D. B. Wagh
2081	WAGH DISHA NAVNATH	8421583852	
2082	WAGH SAKSHI SANTOSH	9359475883	
2083	RAUT LAXMAN BALASAHEB	7304716163	
2084	SAWANT VIJAY PANDHARINATH	7414998187	Sawant
2121	ADHALRAO DNYANESHWAR PRAMOD	9322501132	Adhalrao
2122	BAMBALE VIKAS SOMNATH	8275910834	
2123	BANGAR DHANANJAY SURESH	7757968491	Dhananjay
2124	BANGAR KEDAR DILIP	8975187566	Kedar
2125	BANKHELE ASMITA ASHOK	9322287569	Asmita
2126	BANKHELE PRATIK RAMDAS	8767302814	Pratik
2127	BHALERAO PRASHANT GANESH	8999562574	
2128	BHEKE YUGANDHARA UTTAM	9022954979	Yugandhara
2129	BHOR HRUTIK SUNIL	8805846992	Hrutik
2130	BHOR TANUJA VASANT	9172813356	Tanuja
2131	CHIKHALE AKANKSHA DIGAMBAR	7972283050	Chikhale
2132	DHAMAK ANISHA DATTATRAY	8308007104	Anisha
2133	GAWADE OMKAR DATTATRAY	7522957094	Omkar
2134	GAWADE UDDHAV SANDIP	9766823383	Uddhav
2135	GAWARI ATUL SHANKAR	7499474892	Atul
2136	GHULE OMKAR MADHUKAR	7397886950	Omkar
2137	GORADE RUTUJA RAMDAS	9168457912	Rutuja
2138	GULANKAR SAMYAK DNYANESHWAR	9860202778	Samyak
2139	GUNJAL VAISHNVI GANESH	7058745284	Gunjal

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2140	HASE PRACHI CHANDRAKANT	7397846994	Prachi	
2141	HINGE NIKITA SANTOSH	9028508726	Ningde	
2142	INAMDAR RAIS RAJU	9307094694	InAMDAR	Pb
2143	INDORE AVISHKAR RAM	7756845214		
2144	INDORE PRIYANKA SUNIL	9373958453	P.S andore	
2145	INDORE SAHIL ADIK	8600355301	Sai	
2146	JAISWAR VIKAS RAVINDRA	8999426455	VKS	
2147	KANASKAR RUTUJA NAVNATH	7822061940		Pb
2148	KARALE OMKAR RAMESH	8421897556	(P) Karale	
2149	KASHIKAR SAHIL SHANKAR	9960060853	Kashikar	
2150	MACHAREKAR SURAJ RAHUL	9730996867	Suraj	
2151	MAHALUNGE MANASI ANIL	7722041515		Pb
2152	MANKAR PAYAL NAVNATH (Can)			Pb
2153	MATHE ANKITA NANDKUMAR	9028508435		Pb
2154	MIRZA NAAZ FATIMA YASIN RAZA	8830787454	Mirza	
2155	MORDE SAURABH SHANTARAM	9960796215		Pb
2156	MULUK VINIT SURESH	9325570760	Vinit	
2157	NIGHOT MANJIRI SANTOSH	9423567636	Manjiri	
2158	PAWALE YASH SHARAD	7620965719	Yash	
2159	PAWAR ANITA PRAKASH	7249637168	Pawar	
2160	PINGALE ANIKET MAHADU	7028701238		Pb
2161	POKHARKAR GAYATRI DILIP	8856827528	Gayatri	
2162	SAROJ DIPAK ASHOK	7420903654	Saroj	
2163	SAWANT VIJAY SUHAS	9325116803	Sawant	
2164	SHAIKH HASINA MUKTAR	9730021283	Shaikh	
2165	SHEWALE ANJALI SANTOSH (Can)			Pb
2166	SHEWALE NEHA SOMNATH	9766087930	Shewale	
2167	SHINDE ADESH PRAMOD	7028695634		Pb
2168	SHINDE PRANALI SUNIL	9665107059	shinde	
2169	TALAPE MANCHHINDRA NAMDEV	9579391345		Pb
2170	TAMBE SAKSHI KHANDU	9975622656	Tambe	
2171	TEMGIRE SHUBHAM GANGARAM	9529243702		Pb
2172	TEMKAR HARSHAL KHANDU	8010503394	TK	
2173	TEMKAR SANCHIT SHRIRAM	9552439625		Pb
2174	THORAT GAURAV SATYAWAN	8799835344	GF	
2175	UDHANE PRAVIN RAMDAS	7350945190		Pb



2176	WAGH PALLAVI GANESH	9834129592	
2177	GAIKWAD SANGRAM MANESH	7276564202	
2178	CHIKHALE JIVAN SUBHASH	9373516865	
2179	WABLE SUMIT NANASAHEB	7796481575	Abh
2180	KALE POOJA DNYANESHWAR	8010541327	
2181	KANADE ATHARV MOHAN	9175336434	
2182	KALE PRASANNA BHANUDAS	8421550165	T.B. Kulkarni
2183	WALUNJ SAMIKSHA SAMBHAJI	9665904538	S.S. Walunj
2184	PAWAR AKASH MIRAVALINATH	9322253171	A.M. Pawar
2185	DONGARE NEHA SANJAY	9325745103	
2186	KURKUTE SURAJ SUBHASH	7249864708	Kurkute
2187	THORAT RUTUJA SANTOSH	9022701802	R.S. Thorat
2188	KSHIRSAGAR KARTIK ANIL	9309174975	
2189	KHUDE PRATIK AMOL	9156009413	Khudik
2190	MINDE TANISHKA SANTOSH	7756941478	
2191	MORADE JEEVAN SANJAY	9206575151	
2192	GAWADE SATYAJEET NIVRUTTI	8856060898	
2193	JADHAV GAURAV PRADIP	8104692001	Jadhav
2194	PABALE ADESH RAJENDRA	7028694740	Abh
2195	ERANDE DEVIDAS DATTATRAY	9130736241	Devigiri

53240 Lebate Aditya Santosh

956859329 ASHABE



Rayat Shikshan Santha

Annasaheb Awate College Manchar

FYBSC Project Submission 2022-2023

Roll No	Student Name	
4001	ABHANG JAGADISH MACHHINDRA	
4002	ABHANG PRASAD DILIP	Abhang
4003	ABHANG SAYALI SACHIN	Abhang
4004	BHAWARI ADINATH SANTOSH	
4005	CHASKAR ATHARV ANIL	Chaskar
4006	CHIKANE MAHIMA GORAKSHANATH	Chikane
4007	CHIKHALE SANSKRUTI SANDIP	Chikhal
4008	CHIKHALE SHWETA TUKARAM	Chikhal
4009	DAMSE KANCHAN VILAS	Damse
4010	DATE ARYAN TAVAJI	
4011	DATE SWARUP BALU	
4012	DAUNDAKAR MAYURI VISHNU	Mayuri
4013	DHARADE VAISHALI SANTOSH	Dharade
4014	DHENGALE KARISHMA LALCHAND	Dhengale
4015	DOKE TEJAL SANTOSH	Doke
4016	GADHAVE ATHARV SOMNATH	Gadhave
4017	GAIKWAD TEJAL DATTATRAY	Gaikwad
4018	GAWADE AKSHAY BALASAHEB	Gawade
4019	GAWADE RADHIKA HARISHCHANDRA	
4020	GAWARI KISHORI TULASHIRAM	Gawari
4021	GAWARI AISHWARYA SANJAY	
4022	GHEVADE SIDHIKA SANTOSH	Gheva
4023	GHULE SOMESH NILESH	Ghule
4024	GULAVE AKANKSHA SANTOSH	Gulave
4025	HANDE BHAGYASHRI YUVRAJ	
4026	HULE ASHWINI ANIL	Ashwini
4027	INAMDAR AQSA SAMIR	
4028	KALEKAR SHREYA SANTOSH	
4029	KANADE AKSHADA PRABHAKAR	
4030	KANADE ATAHRV MOHAN	
4031	KAROTE ANKUSH KASHINATH	Karote



4032	KAROTE PALLAVI SUBHASH	Pravai
4033	KONDHAWALE RAJLAXMI RAMCHANDRA	R.R.kondhawale
4034	LANGOTE ANUSHKA KALURAM	Anushka
4035	LOHAKARE POOJA KANTARAM	Pooja
4036	LOHAKARE PRIYA KANTARAM	Priya Ghate
4037	LOHATE DIPALI SANTOSH	
4038	MANDALE SUJATA MACHINDRA	Amrute
4039	MATE MAHESH KESHAV	
4040	MENGADE SHILPA BHAUSAHEB	
4041	MULANI NIHAL JAVID	
4042	NIGHOT APURVA ARUN	Aight Gausi
4043	NIGHOT GAURI SAMBHAI	
4044	NIGHOT PRASHANT DINKAR	
4045	NIGHOT SHARAU DASHARATH	Sharau
4046	PATHAN ARSHIYA RIYAJKHAN	Arshiya
4047	PAWALE GAURI GULAB	Gauri
4048	POKHARKAR SAKSHI RAJU	Sakshi Raju
4049	POKHARKAR ANUJ SURESH	
4050	POKHARKAR UTKARSHA ASHOK	Utkarsha
4051	SABLE DATTA DEVRAM	
4052	SHELKANDE SHASHIKALA JALINDAR	Shelkande
4053	SHELKANDE SONALI JALINDAR	Shelkande
4054	SHELKANDE PRATIK DEVRAM	
4055	SHELKE ARTI GOVIND	Arti
4056	SHEWALE ANJALI SANTOSH	Anjali
4057	SHEWALE OMKAR AVINASH	
4058	SHINDE AISHWARYA BHARAT	Aishwarya
4059	SHINGADE PRANITA BABAN	Shingade
4060	TALEKAR KOMAL HARISHCHANDRA	
4061	TAMBADE VAISHNAVI SURESH	Tambade
4062	TAVHARE DIGAMBAR BALASAHEB	Tavhare
4063	TAVHARE PRIYANKA SAYAJI	Priyanka
4064	THORAT ASHISH NITIN	Ashish
4065	THORAT SHRADDHA BHAGUJI	Shraddha
4066	TOTRE SAMRUDDHI RAMDAS	Totre
4067	VITEKAR DHANSHRI SUNIL	

4068	WAGH KARAN JALINDAR	K.J. Vadh
4069	WALUNJ PRANALI AVINASH	PAWJ
4070	WAYAL SHUBHAM SAVALERAM	
4071	YELBHAR DIKSHA DEEPAK	YELBHAR
4072	DOKE AARATI SHANKAR	
4073	SARWADE PRIYA MAHADEV	
4074	DHERANGE SUJAL SHEKHAR	suja
4075	KALE ASHWINI NARAYAN	
4076	BHALERAO VEDANT PRAKASH	Bhalerao
4077	THORAT PRANAV BALU	
4078	SHEWALE JAYESH CHHAGAN	



Roll No	Student Name	
3601	ARGADE MANASI RAJENDRA	Argade
3602	ATAR SIDDHI DATTATRAY	Atar
3603	BARAVKAR SHWETA SANDIP	Baravkar
3604	BHAGAT SHRAVANI BABAN	Bhagat
3605	BHEKE SANIYA SUNIL	Bheke
3606	BHONDAVE ROHAN NANDKUMAR	Bhondave
3607	BHOR ADITI UTTAM	Bhor
3609	BHOR SIDDHI BABAJI	Bhor
3610	BHOR ANUJA SUBHASH	Bhor
3611	BHOSALE SIDDHESH BABAN	Bhosale
3612	BHOSALE VAIBHAVI MANGESH	Bhosale
3613	CHASKAR GAURI BHANUDAS	Chaskar
3614	CHAUHAN ABHISHEK SAHABLAL	Chauhan
3615	CHIKHALE ANUJA SHIVAJI	Chikhale
3616	DAS PRIYA RAMCHANDRA	Das
3617	DATKHILE SUSHAMA VISHAL	
3618	DHONGE RUTUJA BALU	Dhonge
3619	DHUMAL SAKSHI NANDKUMAR	Dhumal
3620	DHUMAL SAMRUDDHI ANIL	Dhumal
3621	DOKE ANUJ MAHENDRA	Doke
3622	GADE ANAMIKA ANIL	Gade
3623	GADE YASH SUNIL	Gade
3624	GADHAVE GAURI SHARAD	Gadhawe
3625	GAIKWAD VAISHNAVI SANDIP	Gaikwad
3626	GANDHI PIYUSH DEEPAK	
3627	GAVALI AKASH ARUN	Akash
3628	GAWADE VAISHNAVI LAXMAN	Gawade
3629	GODSE VAIBHAVI DATTATRAY	
3630	GUNJAL PRANIT BAPUSAHEB	
3631	GUPTA AKASH VIRENDRA	Gupta
3632	HINGE ADESH PRABHAKAR	Hinge



3633	INDORE PRANJAL SWAPNIL	Indore
3634	JADHAV DARSHAN JAYSING	Jadhav
3635	JADHAV PIYUSH SANTOSH	Piyush
3636	KAHADANE SHRADDHA SANDIP	Kahadane
3637	KALE PRACHI MOHAN	Kale
3638	KALE YASH ANIL	Yash
3639	KANADE VAIBHAVI VILAS	Kanade
3640	KATHE KANCHAN MAHADEV	Kathe
3641	KHAMKAR OMKAR VILAS	
3642	KHANDESHE SAMRUDDHI ANIL	Khandeshe
3643	KHILARI SAKSHI SANTOSH	Sakshi
3644	KUDALE POOJA DNYANESHWAR	Kudale
3645	LOHAKARE ROHIT SURESH	
3647	LONDHE SAKSHI SANTOSH	Sakshi
3648	MAUSKAR YASH YOGESH	Yash
3649	MENGADE BHUMIKA KAILAS	Mengade
3650	MHASKE ROHIT BABAJI	
3651	MULE SAHIL SHARAD	Mule
3652	NAVLE SAKSHI BABAN	Navle
3653	NIGHOT SAYALI BALASAHEB	Nighot
3654	NIGHOT VAISHNAVI NITIN	Nighot
3655	NIGHUT SANKALP DATTATRAY	Nighut
3656	PADWAL SAKSHI PRAVIN	Padwal
3657	PADWAL SARTHAK ANIL	Padwal
3658	PALEKAR ANISHA SANJAY	Anisha
3659	PALGHADMAL VARSHA ASHOK	
3661	PINGALE SUJAL SUDAM	Sujal
3662	POKHARKAR AVIRAJ LAXMAN	Pokharkar
3663	POKHARKAR DISHA VILAS	Pokharkar
3664	POKHARKAR SAKSHI SUDHIR	Pokharkar
3665	POKHARKAR SHUBHAM SANTOSH	Pokharkar
3666	RAKSHE ROHAN SANTOSH	Raksh
3667	SAWANT SNEHAL MANGESH	Snehal
3668	SHELKE JUI RAJARAM	Shelke
3669	SHINDE SAMIKSHA MANGESH	Shinde
3670	SHINDE SANSKRUTI SANTOSH	Shinde



3671	SHINDE VRUSHALI BHAUSAHEB	
3672	SHINGTE VISHAL MACHHINDRA	<u>Shingte</u>
3673	SHINOLIKAR PRATIKSHA BALU	<u>Shinolikar</u>
3674	SOLAT SAHIL SUBHASH	<u>Solat</u>
3675	SUPEKAR SUSHANT VIKAS	<u>Supekar</u>
3676	TALPE VAISHNAVI BHAU	
3677	TEMKAR SIDDHESH SHIVAJI	
3678	THORAT TANMAY POPAT	<u>Thorat</u>
3679	THORAT ANISH MARUTI	
3680	TODKAR AZAD RAVINDRA	<u>Todkar</u>
3681	UNDE OMKAR BALU	
3682	VARHADI SHRUSHTI PRADEEP	<u>SR</u>
3683	WALASE MONIKA DINESH	<u>Walase</u>
3684	WAYKAR PURVA PRAMOD	<u>Waykar</u>
3685	ZODAGE SANKET NARAYAN	<u>Zodage</u>
3686	HAKIM MUZAMMIL NAZIM	
3687	SHINDE NAMRATA BALU	<u>Shinde</u>
3688	NIGHT SAKSHI BALASAHEB	<u>Night</u>
3689	PINGALE SNEHA SANTOSH	<u>Pingale</u>
3690	HINGE SHWETA BHIKAJI	<u>Shweta</u>
3691	GAWARI SAYALI SANTOSH	<u>Sayali</u>



Rayat Shikshan Santha

Annasaheb Awate College Manchar

FYBCOM (English) - Project Submission 2022-2023



Roll No	Student Name	
3001	AWATE TRUPTI DILIP	<u>Trupti</u>
3002	BARAVKAR SHWETA SANDIP	
3003	BHALERAO SHRADDHA NANDKUMAR	<u>Bhalerao</u>
3004	BHALERAO SOHAM MANESH	
3005	BHOR RITESH PRAKASH	<u>R. P. Bhor</u>
3006	BHOR SAKSHI RAMAKRISHNA	<u>Bhor</u>
3007	BHUJBAL PRADNYA SANTOSH	
3008	CHAVAN VAISHNAVI SANTOSH	<u>Vaishnavi</u>
3009	CHIKHALE AKANSHA DIGHAMBAR	
3010	DAINE SUYASH PRADEEP	<u>Saine</u>
3011	DAREKAR AVDHOT ANAND	
3012	DAUND SAMARTH BHANUDAS	<u>Daund</u>
3013	DOKE TEJAS RAM	
3014	GAWADE ADITYA ANKUSH	<u>Gawade</u>
3015	GAWADE SAI MOHAN	<u>Gawade</u>
3016	GHEWADE SHUBHANGI UMESH	<u>Gheude</u>
3017	GODASE LAXMI RAJARAM	<u>Godase Laxmi Rajaram</u>
3018	GODE SANSKRUTI ROHIDAS	<u>Gode</u>
3019	GUNJAL YASH PRAKASH	<u>Gunjal</u>
3020	HINGE TANUJA NILESH	<u>Hinge</u>
3021	JAMADAR ASIF NASIR	<u>Nasir</u>
	KANADE ATHARV KIRAN	
3023	KARALE AYUSH KAILAS	
3024	KATORE RUTUJA SANJAY	<u>R. S. Katore</u>
3025	KOKANE DIVYA SANTOSH	<u>Kokane</u>
3026	KOKANE TRISHUL MARUTI	<u>Kokane</u>
3027	KOKANE SAHIL SANTOSH	
3028	KOKANE TANUJA KAILAS	
3029	LANDE AKSHADA RAJENDRA	<u>Lande</u>
3030	LONDHE PAYAL ANIL	
3031	MEHER RUSHIKESH NILESH	



3032	MIDAGE SIDDHANT NILESH	
3033	MORDE GAURAV NAVNATH	<u>G.M. Morde</u>
3034	MORDE YASH SHARAD	
3035	MUNDHE SANIYA BABAN	<u>S.M. Mundhe</u>
3036	MURADE RAJ BHARAT	
3037	NAYKODI AMAN JAVED	<u>Aman</u>
3038	NIGHOT VAISHNAVI SHARAD	<u>N. Nighot</u>
3039	NISAL RIYA KAILAS	
3040	PADWAL GAURI NARAYAN	<u>P. Padwal</u>
3041	PADWAL SAYALI SANTOSH	<u>S. Padwal</u>
3042	PANCHAL GAURI SUBHASH	<u>G. Panchal</u>
3043	PANHALE MAYURI SANJAYKUMAR	<u>M. Panha</u>
3044	PAWALE PRITI SANTOSH	<u>P. Pawale</u>
3045	PAWALE SAKSHI SURESH	<u>S.S. Pawale</u>
3046	PINGALE SNEHA SANTOSH	
3047	RAJGURU VAISHNAVI SANTOSH	<u>R. Rajguru</u>
3048	RASGE RITESH PRAVIN	<u>R. Rasge</u>
3049	RASKAR ADITYA SHIVAJI	
3050	RAUT ATHARV MARUTI	
3051	RAUT LAXMAN BALASAHEB	
3052	SAWANT VIJAY PANDHARINATH	<u>S. Sawant</u>
	SHAPUR MIZBA ABDULSAB	
3054	SHEJWAL MANASVI MAHENDRA	
3055	SHEWALE GAURAV MANGESH	
3056	SHINDE KETAN RAJENDRA	<u>K. Shinde</u>
3057	SHINDE RIDDHI CHANDRAKANT	<u>R. Shinde</u>
3058	TAMBADE SANIKA SUNIL	<u>T. Tambade</u>
3059	TAVHARE ADITYA SUBHASH	
3060	TEMKAR VRUSHALI TULSHIRAM	<u>V. Temkar</u>
3061	THORAT SAMRUDDHI CHANDRAKANT	<u>T. Thorat</u>
3062	THORAT SIDHART BABAJI	<u>T. Thorat</u>
3063	WAKCHAURE ADITYA SANDIP	<u>W. Wakchaure</u>
3064	WAYKAR SAKSHI PANDURANG	<u>W. Waykar</u>
3065	WAYKAR SHUBHAM RAM	<u>W. Waykar</u>
3066	YEWALE KARTIK NANDKUMAR	
3067	PABALE SHRAVANI JALINDAR	

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3068	UKIRDE PAYAL SANDIP	
3069	BHOR PRATIK SANTOSH	
3070	LONDHE AYUSH JITENDRA	
3071	BADHE SIDDHESH RAMDAS	
3072	HINGE RITESH DNYANESHWAR	
3072	BHOR SURAJ DILIP	
3073	THORAT SHUBHAM ANIL	
3074	HINGE SANIKA ANIL	<i>Hing</i>
3075	SHINGADE SHEELA YASHWANT	<i>Sheela</i>
3076	MIRZA ASMINA ZEHRA ALI ABBAS	<i>Asmina</i>
3077	MANKAR PAYAL NAVNATH	<i>Payal</i>

OSA

