

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

CRITERION-II TEACHING-LEARNING EVALUATION

AQAR 2023-24

2.3 TECHING-LEARNING PROCESSESS

2.3.1. Student Centric Methods such as Experiential Learning, Participative Learning and Problem Solving Methodologies are used for enhancing learning experiences

List of Documents:

1. Student Centric Methods displayed on college campus
2. Summary of student centric methods used (sample)
3. Details of student centric methods used (sample)

Student Centric Methods displayed in college campus



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

Department of BBA (CA)

STUDENT CENTRIC ACTIVITIES

Name of department:-	BBA(CA)	Academic year:-	2023-2024
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SUMMARY

Sr. No.	Student Centric Activities	Activities organized	Date / No	No. of Beneficiaries
1.	Experiential Learning	Example 1. Practicums	16/8/2023	60
2.	Participative Learning	Example 1. Student's Seminar 2. Short term course in cyber law	29/9/2023 20/1/2023	60 82
3.	Problem Solving Methods	1. Practical on problem-based question	28/10/2023	60
4.	Online Learning Modules /ICT method used	Examples 1. Google Classroom 2. Virtual Labs 3. Software used C 4. Whats App Group	16/7/2023 3/10/2024 16/7/2023 16/7/2023	All Students All Students All Students All Students



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

AACM_Student Centric Methods A. Y. 2023-24

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

STUDENT CENTRIC ACTIVITIES

Name of department

: Economics

Academic Year 2023-24

SUMMARY

Sr. No.	Student Centric Activities	Activities organized	Date/ No.	No. of Beneficiaries
1.	Experiential Learning	Example	19/03/2024	32
		1. Field visit to	02/04/2024	01
		2. Budget preparation and discussion	01/02/2024	44
		3. On the job training/ internship	02/05/2024	07
		4. workshops	02/11/2023 to 4/11/2023	56
		5. Industrial Visit	07/02/2024	26
		Example	21/08/2024	30
2.	Participative Learning	6. Quiz		
		1. Role Play	16/03/2024	25
			05/04/2024	25
			06/04/2024	35
		2. Avishkar		05
		3. Students' seminars	05/09/2023	28
			16/03/2021	31
		4. Short term course in	25/10/2023 to 19/03/2024	17
		<i>E-Banking</i>		
		5. Survey	10/04/2024	02
		6. Any other (Peer Teaching)	08/05/2023	27

Umesh
Head

Department Of Economics
 AACM Student Centric Methods A.K. 20.. - ..
 A. A. College, Manchar

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science
Manchar, Tal.Ambegaon, Dist.-Pune- 410503

Department of English
Student Centric Activity
2023-2024
Summary

Sr.No.	Student Centric Activity	Activities Organized	Date/No.	No.of Beneficiaries
01	Experiential Learning	Example:- 1. Educational Tour	23/02/2024	39
02	Participative Learning	Example:- 1. Students Seminar 2.Short Term Course in Spoken English 3.Group Discussion 4.Welcome Function	02/12/2023 5/09/2023	7 30 7 48
03	Problem Solving Methods	Example:- 1.	—	—
04	ICT Methods Used	Example:- 1.List of PPT 2.List of Videos 3.Video Lectures 4,E-Learning		9 9 12 15


Head,
Department of English
Annasaheb Awate College
Manchar, (Pune)

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

STUDENT CENTRIC ACTIVITIES

Name of department : Chemistry

Academic Year: 2023-24

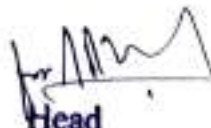
SUMMARY

Sr. No.	Student Centric Activities	Activities organized	Date/ No.	No. of Beneficiaries
1.	Experiential Learning	Example 1. (a) Educational tour to Parag Milk Food Ltd. (b) Educational tour to MAGS-IATRC Research & Training Pvt. Ltd. (c) Educational tour to Savitribai Phule Pune University. (d) Educational tour to C-MET 2. On the job training/ internship	08/04/2024 10/04/2024 10/04/2024 10/04/2024 23/01/23	25 45 45 45 06
2.	Participative Learning	Example 1. Group discussion 2. Avishkar 3. Students' seminars 4. Short term course (a) Short term course in Certificate course in Instrumental methods in chemical analysis.	28/10/2024 29/02/2024 03/10/2023 07/10/2023 02/04/2024 03/04/2024 29/01/2024 01/01/2024	48 27 07 11 19 07 25 18



		(b) Short term course in Certificate course in Dairy Science.	23/03/2024	12
			25/02/2024	32
		4.CHEMIAD Competition 2023-24		
3.	Problem Solving Methods	Example 1. Assignments on problem-based questions 2. Open book test 3. Internal Exam	06/04/2024 07/10/2023 27/03/2024 28/03/2024 18/04/2024	74 24 19 07 07
4.	ICT methods used	Examples 1. List of ppt 2. Virtual labs	11/01/2024 05/04/2024 06/04/2024	24 48 06




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

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

STUDENT CENTRIC ACTIVITIES

Name of department : MARATHI


Academic Year: 2023-24

SUMMARY

Sr. No.	Student Centric Activities	Activities organized	Date/ No.	No. of Beneficiaries
1.	Experiential Learning	Example 1. Practicums 2. Field visit to ... 02..... 3. Survey ----02---	06.02.2024 03.03.2024/ 01 01.04.2024 / 02	08 06 06
2.	Participative Learning	Example 1. Quiz 2. Group discussion 3. Avishkar 4. Students' seminars 5. Short term course in पत्रकारिता	14.01.2024 16.01.2024 13.04.2024 06.03.2024 01.09.2023	180 08 10 06 29
3.	Problem Solving Methods	Example 1. Assignments on problem-based questions 2. Any other	-	-
4.	ICT methods used	Examples 1. List of ppt 2. List of videos 3. Webinars 4. Virtual labs 5. Softwares used 6. Any other	Attached Attached	- -

Prepared by




 मराठी विभाग प्रमुख
 अण्णासाहेब आवटे मराठी माध्यम,
 मंचरा, पुणे.

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

STUDENT CENTRIC ACTIVITIES

Name of department :History

Academic Year: 2023-24

SUMMARY

Sr. No.	Student Centric Activities	Activities organized	Date/ No.	No. of Beneficiaries
1.	Experiential Learning	Example <ol style="list-style-type: none"> 1. Practicums 2. Field visit to 3. Educational tour to 4. Interviews by students 5. Budget preparation and discussion 6. On the job training/ internship 7. Hands on workshops 8. Survey 9. Any other 	Social Survey (2023-24) TYBA. 06/03/2024.	09
2.	Participative Learning	Example <ol style="list-style-type: none"> 1. Quiz 2. Group discussion 3. Departmental fests 4. Seminars/ webinars/ conferences 5. Avishkar 6. Shark tank activity 7. Debate competitions 8. Students' seminars 9. Short term course in 10. MOOC Courses 11. Any other - 	Short Term Course on "Modi Lipi" 2023-24. 04/12/2023	30
3.	Problem Solving Methods	Example <ol style="list-style-type: none"> 1. Assignments on problem-based questions 2. Any other 	Student Reasearch Project (2023-24) TYBA. 14/03/2024.	09

4.	ICT methods used	Examples <ol style="list-style-type: none"> 1. List of ppt 2. List of videos 3. Webinars 4. Virtual labs 5. Softwares used 6. Any other 	List of videos related of history. List of Links- 30 Above. 2023-24	20
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for Barode
Prepared by



for Barode
Approved by
 Head,
 Department of History
 Annasaheb Awate College, Manchar (Pune)

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

STUDENT CENTRIC ACTIVITIES

Name of department :	Dept. of food Processing & Quality Management	Academic Year:	2023-24
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SUMMARY

Sr. No.	Student Centric Activities	Activities organized	Date/ No.	No. of Beneficiaries
1.	Experiential Learning	Example 1. Practical's 2. Study tour to Agricultural Exhibition 3. On the job training/ internship	30 Practical's 29/01/2024 11	09 06 09
2.	Participative Learning	Example 1. Group discussion 2. Students' seminars	05/09/2023 02	08 09
3.	Problem Solving Methods	Example 1. Assignments	25-30	09
4.	ICT methods used	Examples 1. Google Classrooms	03	09

G. H. K.



STUDENT CENTRIC ACTIVITIES

Name of department : Physics

Academic Year:
2023-2024

SUMMARY

Sr. No.	Student Centric Activities	Activities organized	Date/ No.	No. of Beneficiaries
1.	Experiential Learning	Example 1. Practicums 2. Educational tour to IGO 3. Internship	23/02/2024 12/01/2024 to 17/01/2024	90 15 10
2.	Participative Learning	Example 1. Students' seminars 2. Short term course in C language	30/10/2022 30/01/2024 to 19/03/2024	13
3.	Problem Solving Methods	Example 1. Assignments on problem-based questions 2. Any other	4/8/2023, 18/08/2023, 29/09/2023, 29/12/2023	80
4.	ICT methods used	Examples 1. List of ppt 2. List of videos 3. Virtual labs 4. Softwares used	5/4/2024, 6/4/2024,	40 100 89 30



Signature

STUDENT CENTRIC ACTIVITIES

Name of department : Department of Commerce Academic Year: 2023-24

SUMMARY

03/04/2024

Sr. No.	Student Centric Activities	Activities organized	Date/ No.	No. of Beneficiaries
1.	Experiential Learning	Example 1. On the job training/ internship to Awasari bk. Sahakari dudh utpadak sanstha 2. Social Survey to manchar city	01/02/2024 30/10/2023	16 46
2.	Participative Learning	Example 1. Online learning in Classroom Method 2. Participative Learning in Accounting 3. Internet Connectivity in Classroom Method 4. Online learning in Classroom Method 5. Online learning in Classroom Method	14/09/2023 14/09/2023 11/09/2023 11/09/2023 11/09/2023	70 73 37 37 38
3.	Problem Solving Methods	Example 1. Assignments on problem-based questions	31/08/2023	76
4.	ICT methods used	Examples 1. Virtual labs	14/09/2023	68

Prepared by



Approved by



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, Pune

Department of Electronic Science

2.3 Teaching Learning Process (2023-24)

Sr.No	Student Centric Activities	Activities Organized	Date	No.of Beneficiaries
1	Experiential Learning	1.Field Visit 2. Short Term Course 3. Hands on Practical Session 4.Competition-Abstract Making 5.Project by Student	22/04/2024 06/12/2023	05 14
2	Participative Learning	1.Avishkar 2. Mind Mapping Activity 3. Concept Mapping Activity 4. Extension Activities Network Generation 5.Group Discussion 6.Student Seminar 7. Wallpaper Activity	29/02/2024 04/08/2024 23/01/2023 16/03/2024 07/12/2023 19/01/2024	14 13 12 51 10 05
3	Problem Solving	1.Code Conversion		
4	ICT Methods Used	1. Virtual Lab 2.List Of Presentation(49) 3.List of Videos(23) 4.No. of Software Used(11) 5. E Content(152)	19/12/2023	24



[Signature]
Head
Dept. of Electronic Science
A. A. College, Manchar

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

Student Centric activities (2023-24)

Sr. No.	Student Centric Activities	Activities organized	Date	No. of Beneficiaries
1.	Experiential Learning	Field visit to Morde foods Manchar	16/02/2024	01
2.	Participative Learning	Students' seminars	05/09/2023	11
3.	Problem Solving Methods	Assignments	31/10/2023	56
4.	Online Learning Module	1. Geogebra	07/08/2023	11
		2. Symbolab	17/01/2024	10
		3. Desmos	19/03/2024	10

DEPARTMENT OF ZOOLOGY
FIELD VISIT
2023-24

REPORT

- | | |
|--------------------------------|--|
| 1. <i>Date</i> | : 02/02/2024 |
| 2. <i>Mode</i> | : Onsite |
| 3. <i>No. of Beneficiaries</i> | : Students – 51 |
| 4. <i>Program Coordinator</i> | : Mr. S. T. Pokale |
| 5. <i>Organizing Team</i> | : Dr. S. S. Patil
Ms. S. A. R. Sayyed |

6. *Resource Persons with Affiliation* -

7. *Objective*

One day field visit to college campus was organized under the following objectives:

1. To upgrade and extend the knowledge and understanding of the subject beyond the classroom.
2. To provide the students an insight regarding the species diversity in the college campus.
3. To provide students with an opportunity to learn practically through interaction.

8. *Program Report*

Department of Zoology organized a field visit on February 02, 2024 to College Campus for the students of S. Y. B. Sc. and T. Y. B. Sc. Zoology. Total 51 students along with 3 faculty members were present. Students were shown the eutrophication of the lake near college and were explained the reason behind it. Student observed various species of insects and observed their activities. Apart from this they also collected the insect specimens for the study. This visit was mainly focused on to understand the species diversity in college campus.

9. **Program Outcomes:**

Students understood the nature of animal diversity in the college campus. They were able to identify the various species of insect. They were able to demonstrate the various body parts of the insects. Students also collected the insect specimen for their study. Field visit provides real-world experience, increases the quality of education, and improves the social relations, outside of the four walls of a classroom. The idea behind this experiential learning is to contextualize knowledge in order to develop a deeper understanding. Many field visit combine educational content with team-building activities, such as working together to complete assignments and projects. In fact, it is often a good idea to go on a field trip to help create a bond between the students. Good field visit can provide an integral part of the learning experience if they are planned well.




Head
Department Of Zoology
A.A.College, Manchhar



DEPARTMENT OF ZOOLOGY
Krushi Vidnyan Kendra Visit
2023-24

REPORT

1. **Date** : 29/01/2024
2. **Mode** : Onsite
3. **No. of Beneficiaries** : Students – 13
4. **Program Coordinator** : Mr. S. T. Pokale
5. **Organizing Team** : Ms. S. A. R. Sayyed
Ms. S. V. Kale

6. **Resource Persons with Affiliation** -

7. **Objective**

One day visit to Krushi Vidnyan Kendra was organized under the following objectives:

1. To upgrade and extend the knowledge and understanding of the subject beyond the classroom.
2. To provide the students an insight regarding the updated technology to control the pest
3. To provide students with an opportunity to learn practically through interaction.
4. To provide insights about Animal Husbandry to all students.

8. **Program Report**

Department of Zoology organized a field visit on January 01, 2024 to Krushi Vidnyan Kendra for the students of T. Y. B. Sc. Zoology. Total 13 students along with 02 faculty members were present. Students were shown the different techniques to control the pest. Students were also introduced to material which control the household insect pest. The knowledge based on preparation and utilization of various manures made from Vermicultures, Hens were given to all the students.

The KVKs, thus are the down-to-earth institutions committed to vocational training, transfer of latest technologies, on farm research and thus, serving as the light house for overall rural development in the district. The activities of the KVK include technology assessment,

refinement and transfer, aiming to bridge the gap between the technology developed at the research institutions and its adoption at the field level by the farmers through demonstration of technology/ products etc. and training of farmers, rural youths and extension personnel.

9. Program Outcomes:

The matter specialist Animal Science explained the students about habitats of animals and shared many of his valuable points regarding cattle rearing, growing and supportive measures to be noted for animals.

The vast knowledge about Animal husbandry was enriched to all students.

Students will be able to critically evaluate current events and public information related to wildlife conservation and management as being scientifically-based or opinion-based and contribute to the knowledge base of information.

Students had a great exposure and gained a lot of information from the farmers about various techniques and methodologies that are carried in modern agriculture field. Field visit to the KVK's farm garden where students were able to witness the methods involved in organic farming.



Head
Department Of Zoology
A.A.College, Manchur



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

DEPARTMENT OF ZOOLOGY

"Haemoglobin Check Up"

2023-24

REPORT

1. *Date* : 20/02/2024
2. *Mode* : Offline
3. *No. of Beneficiaries* : 110
4. *Program Coordinator* : Mr. S. T. Pokale
5. *Organizing Team* : Dr. S. S. Patil
: Ms. H. J. Gavit
: Ms. S. A. R. Sayyed
: Ms. S. V. Kale
6. *Venue* : Annasaheb Awate Arts, Commerce & Hutatma
Babu Genu Science College, Manchar.

7. *Program Report*

A free "Haemoglobin Check Up" was organized by the department of Zoology in collaboration with the NSS Department of Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar on 20 February, 2024 for male and female students as well as employees, including teaching and non-teaching staff of the college. The camp was inaugurated by Principal Dr. N. S. Gaikwad sir, College of Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar.

The Haemoglobin level of 110 candidates was checked and those found with haemoglobin less than normal were advised to eat foods rich in iron and have a balanced diet.



At the conclusion of the Program, evaluation exercises were done from students to assess the success of the Program

We would like to thank our beloved Principal Dr. N. S. Gaikwad Sir for providing all facilities to organize this event. We also extend our thanks to NSS Department of our College, for supporting this event. Last but not the least we thank all the NSS volunteers, and faculty members who have actively taken part to complete the camp successfully.



[Signature]
Head

Dept. of Zoology





Rajawade Sanshodhan Sanstha's

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

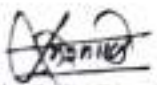
Department of Chemistry


Study Tour Report

2023-2024

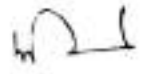
Date: 08/04/2024

As a part of the curriculum of third-year students industrial visit is mandatory therefore, our T.Y.B.Sc. Chemistry 25 students and 02 faculty visited Parag Milk Foods Ltd Manchar. The visit was scheduled on Monday, 02 Jan. 2024 at 10.00 am to said industry. The total 25 students of T.Y.B.Sc. Chemistry and four faculty were visited said industry. This factory has having fully automated cheese plant with modern European technology. During this visit, students of chemistry got good experience of a fully operational manufacturing process. All industrial processes are very safe and hygienic and strictly follow no-human contact or touch in all manufacturing procedure steps till finished milk products. The industry manager gave a very good company presentation at the beginning. We are very much thankful to Principal Dr. N. S. Gaikwad and the head of the Chemistry department Dr. A. A. Kale for the kind permission to organize an industrial visit. The faculty of chemistry Dr. R. B. Gawade, Dr. S. T. Shinde, Mrs. R.S. Pawar and Mrs. M. K. Qazi made a sincere effort to grant the success of the industrial visit.


Mr. R. B. Gawade
Tour In-charge


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




PRINCIPAL
Annasaheb Awarde Arts, Commerce &
Hutatma Babu Genu Science College,
Manchar, Tal. Ambegaon, Dist. Pune
Maharashtra - 410008

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Pune
Department of Chemistry
Study Tour at Parag Food Ltd 02 Jan. 2024



Visit of T. Y. B. Sc. Students at Parag Food Ltd Manchar



Parag Food Ltd in the plant visit

Rajal Shiksha Sanstha's
Annasaheb Awate College, Manchar
Department of Chemistry
T. Y. B. Sc. Chemistry 2023-24
Industrial Visit Grade



S. NO.	R. No.	Name of Student	Grade
1	4407	BAGAL NIKITA MAHESH	O
2	4408	BAGAL TEJASWINI TANHAJI	A
3	4409	BANGAR SAYALI SUNIL	A
4	4410	CHAVAN PRIYA VIJAY	O
5	4411	CHIKHALE PRANALI PRAVIN	O
6	4412	CHIKHALE SHUBHANGI B.	A
7	4413	DHUMAL SIDDHESH SHARAD	A
8	4414	GAIKWAD SUSHANT SUNIL	A
9	4415	GAVARI PRITESH R.	A
10	4416	GENGAJE VINAY VIJAY	A
11	4417	GUNJAL CHETAN BABAN	A
12	4418	HINGE ASHWINI NAVNATH	O
13	4419	HINGE SAKSHI MANIK	O
14	4420	HINGE SHWETA NARAYAN	O
15	4421	KARALE GAYATRI D.	A
16	4422	NETAKE NIKITA DASHRATH	A
17	4423	NICHOL OM VASANT	O
18	4424	SARODE PRATHAMESH R.	A
19	4425	SHINDE TANUJA JAYSING	A
20	4426	SHIRKE DHANASHRI SUNIL	A
21	4427	SUKRE SAHIL BABAJI	A
22	4428	UDHANE JAYSHRI RAMIDAS	A
23	4429	UNDE NIKITA RAJENDRA	A
24	4430	VARPE DHANASHREE S.	A
25	4431	YEWLE RIYA C.	A

[Signature]
T. Incharge



[Signature]
Department of Chemistry
A. A. College, Manchar,
Tal. Ambegaon, Dist. Pune

[Signature]
PRINCIPAL
Annasaheb Awate Arts, Commerce &
Bhatnagar Balrao Gopal Science College,
Manchar, Tal. Ambegaon, Dist. Pune
Maharashtra - 410608

Estd. 1966

"Education through self help is our Motto" KARMAVEER



Rayat Shikshan Sanstha's
**ANNASHEB AWATE ARTS, COMMERCE &
HUTATMA BABU GENU SCIENCE COLLEGE**

Manchar, Tal. Ambegaon, Dist. Pune
(Maharashtra) - 410 503.

ACCREDITED 'A' BY NAAC

ID. No. - PU/PN/ASC/017/1966

A.I.S.H.E. - C - 41221

PUN Code : CAAP010110



• FOUNDER •

Padmabhushan

Dr. Karmaveer Bhaurao Patil,
D. Lit.

U/C PRINCIPAL*

Dr. GARDI B. P.

M.A., NET, SET, Ph.D.

Ref. No. 1099/2023-24

Date: 21/11/2023

To,
The Manager,
Gowardhan Milk Products Ltd
Manchar, Tal-Ambegaon, Dist-Pune- 410503.

Subject: Seeking Permission to Visit your esteemed industry.....

Respected Sir/Madam,

On behalf of the Department of Chemistry, I am writing this letter to obtain your permission to visit your industry for our T.Y.B.Sc. (Chemistry) students. This industrial visit is mandatory as the part of SPPU curriculum, the 27 students and 4 teachers will participate in this visit.

This visit may help our students obtain a thorough understanding of the Milk and Milk product processing field and make it easier for them to comprehend the real working process of the industry. We would be immensely grateful to you if you could allow us to visit your industry and we request you to please communicate the visit schedule at your convenience.

Thanking you,

Yours Faithfully,

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



Principal
Annasaheb Awate College,
Manchar, Dist. Pune

Rajal Shikshan Santha
Annasaheb Awate College Manchar
Department of Chemistry
TYBSC 2023-2024

Sr. No.	Roll No	ID	Student Name	Phone No.
1	4407	20214204	BAGAL NIKITA MAHESH	8484814107
2	4408	20228215	BAGAL TEJASWINI TANHAJI	8766952449
3	4409	20215524	BANGAR SAYALI SUNIL	9665413961
4	4410	20214203	CHAVAN PRIYA VIJAY	9665631077
5	4411	20214200	CHIKHALE PRANALI PRAVIN	9096762731
6	4412	20215526	CHIKHALE SHUBHANGI BALASAHEB	7972763435
7	4413	20216213	DHUMAL SIDDHESH SHARAD	9307782326
8	4414	20214194	GAIKWAD SUSHANT SUNIL	8010268011
9	4415	20216090	GAVARI PRITESH RANGNATH	9527749585
10	4416	20214453	GENGAJE VINAY VIJAY	9637924280
11	4417	20216837	GUNJAL CHETAN BABAN	9511930977
12	4418	20214801	HINGE ASHWINI NAVNATHI	7397853379
13	4419	20214184	HINGE SAKSHI MANIK	9922822453
14	4420	20215935	HINGE SHWETA NARAYAN	9370155246
15	4421	20214315	KARALE GAYATRI DATTATRAY	9527465870
16	4422	20214187	NETAKE NIKITA DASHRATH	9689568512
17	4423	20214197	NIGHOT OM VASANT	7666034553
18	4424	20215945	SARODE PRATHAMESH RAMDAS	9373501564
19	4425	20228194	SHINDE TANUJA JAYSING	7414918027
20	4426	20239727	SHIRKE DHANASHRI SUNIL	9834226425
21	4427	20214214	SUKRE SAHIL BABAJI	9579562368
22	4428	20214452	UDHANE JAYSHRI RAMDAS	9021212403
23	4429	20214319	UNDE NIKITA RAJENDRA	9881675092
24	4430	20228214	VARPE DHANASHREE SANTOSH	7620210989
25	4431	20228226	YEWLE RIYA CHANDRAKANT	9766198775
26	4446	20215718	JADHAV ADITYA BHARAT	9172224650
27	4447	20215500	NIGHOT SHUBHAM DASHARATH	9021430223

Hendi
Department of Chemistry
A. A. College Manchar
Dr. S. S. Sawant



Principals
A. A. College Manchar

Rayat Shikshan Sanstha's
Annasaheb Awate College Manchur
Department of Chemistry
Teachers List for Industrial Visit

To,
The Manager
Gowardhan Milk Products Manchur.
Tal-Ambegaon, Dist-Pune- 410503.

Subject: Regarding Industrial Visit

The following faculty and T.Y.B.Sc Chemistry will be visiting your industry.

1. Prof. R. B. Gawade -9960521618
2. Prof. Dr. S. T. Shinde- 9762952451
3. Prof. R. S. Pawar-9594637730
4. Prof. P. P. Indore- 9096917248

Please note,


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

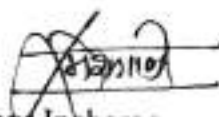



Principal
Annasaheb Awate College,
Manchur, Dist-Pune

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

Date: 30 Dec. 2023

All students of T. Y. B. Sc. Chemistry are hereby informed that your industrial visit to well-known Gowardhan Industry is scheduled at 10.00 am on 02 Jan. 2024. All student should come with ID card and uniform on 09.30 am at the gate of industry. This is compulsory to all to obtain the credit as per Savitribai Phule Pune University Pune regulation. The necessary information and instruction given to all on 01 Jan. 2024 at 11.00 am in the college attendance is compulsory.


Tour Incharge

Dr. Ramesh Gawade


Head

Department of Chemistry
A. A. C. S. Manchar,
Tal. Ambegaon, Dist. Pune.




Principal

Annasaheb Awate College,
Manchar, Dist. Pune



Rayat Shikshan Sanstha's
Annasaheb Aivate College Manchar
Department of Chemistry
NOTICE FOR INDUSTRIAL VISIT

Date : 01/01/2024

All the students of T.Y. B.Sc. Chemistry are hereby informed that we have scheduled your Industrial Visit to **Parag Milk foods Ltd.** Manchar, Tal-Ambegaon, Dist-Pune-410503 on **02/01/2023 at 10.00 am.**, Industrial Visit is mandatory for acquiring 2 credits as a part of the curriculum of SPPU Pune. All the students should remain present at gate of **Parag Milk Foods Ltd.** at 9.30 am in college uniform with ID card.

Utkarsh
Head

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



21

Principal

Annasaheb Aivate College,
Manchar, Dist. Pune

B

Date: 01/01/2024

To,

The Principal

Annasaheb Awate College, Manchar

Subject: Permission for the teachers and students to visit Parag Milk Foods Ltd.

Respected Sir,

With reference to above cited subject Chemistry Department has planned to visit T.Y.B.Sc Chemistry students to Parag Milk Foods Ltd on Tuesday, 02/01/2024 at 10.00 a.m. It is a part of the curriculum of third year student, Industrial visit is mandatory to earn the credits therefore, our T.Y.B.Sc. (Chemistry) 27 students and 04 teachers will be visit on above schedule to Parag Milk Foods Ltd. We are very much thankful to you if you give us permission to visit same.

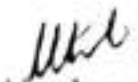
Thanking You,

Yours Faithfully,

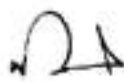
Enclosure: 1) T.Y. B.Sc. Student List

2) Teacher List

3) Permission letter


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




Principal
Annasaheb Awate College,
Manchar, Dist. Pune





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



Department of Chemistry

T.Y. B.Sc.

Student List for Industrial Visit (2023-24)

Date: 02/01/2024

Sr.No	Roll No.	Student Name	Sign
1.	4407	Bagal Nikita Mahesh	
2.	4408	Bagal Tejaswini Tanhaji	
3.	4409	Bangar Sayali Sunil	
4.	4410	Chavan Priya Vijay	
5.	4411	Chikhale Pranali Pravin	
6.	4412	Chikhale Shubhangi Balasaheb	
7.	4413	Dhumal Siddhesh Sharad	
8.	4414	Gaikwad Sushant Sunil	
9.	4415	Gavari Pritesh Rangnath	
10.	4416	Gengaje Vinay Vijay	
11.	4417	Gunjal Chetan Baban	
12.	4418	Hinge Ashwini Navnath	
13.	4419	Hinge Sakshi Manik	
14.	4420	Hinge Shweta Narayan	
15.	4421	Karale Gayatri Dattatray	
16.	4422	Netake Nikita Dashrath	
17.	4423	Nighot Om Vasant	
18.	4424	Sarode Prathamesh Ramdas	
19.	4425	Shinde Tanuja Jaysing	
20.	4426	Shirke Dhanashri Sunil	
21.	4427	Sukre Sahil Babaji	
22.	4428	Udhane Jayshri Ramdas	
23.	4429	Unde Nikita Rajendra	
24.	4430	Varpe Dhanashree Santosh	
25.	4431	Yewle Riya Chandrakant	
26.	4459	Jadhav Aditya Bharat	
27.	4462	Nighot Shubham Dasharath	

Head
Department of Chemistry
Annasaheb Awate Arts, Commerce and Hutatma Babu Genu
Science College Manchar



Principal
Annasaheb Awate College,
Manchar, Dist. Pune



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



Department of Chemistry

T.Y. B.Sc.

Teachers List for Industrial Visit (2023-24)

Date: 02/01/2024

Sr.No	Student Name	Sign
1.	Dr. R. B. Gawade	
2.	Dr. S. T. Shinde	
3.	Mrs. R. S. Pawar	
4.	Miss. M. K. Qazi	

Head

Department of Chemistry
A. A. College, Manchar,
W. Ambegaon, Dist. Pune



Principal
Annasaheb Awate College,
Manchar, Dist. Pune

Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College

Manchar Tal- Ambegaon Dist.-Pune 410503

Department of Chemistry

Certificate course in Instrumental Methods in Chemical Analysis

Annual Report 2023-24

The 25 students of T. Y. B. Sc. have successfully completed certificate course in instrumental methods in chemical analysis, this course is essential to gain 2 credits in Group-VIII of new SPPU CBCS syllabus 20219 patterns. The course enhances the practical skills of students to handle various instruments and theoretical knowledge of instruments. The skill and knowledge achieved by students are may useful to get job opportunities in pharmaceuticals and Chemical Industries.



Course Coordinator
Dr. Ramesh Gawade


Head

Department of Chemistry
A. A. College, Manchar
Ambegaon Dist. - Pune

Rajawade Sanshodhan Mandal
Anantabhai Awate College, Manchar
Department of Chemistry
Short-term Course in Instrumental Methods of Analysis
T. Y. B. Sc. 2023-2024
Certificate Distribution

S. NO.	R.No.	Name of Student	Exam No.	Sign
1	4407	BAGAL NIKITA MAHESH	3084	
2	4408	BAGAL TEJASWINI TANHAJI	3085	
3	4409	BANGAR SAYALI SUNIL	3055	
4	4410	CHAVAN PRIYA VIJAY	3086	
5	4411	CHIKI ALE PRATAP PRAVIN	3056	
6	4412	CHIKI ALE SHUBHANGI B.	3057	
7	4413	DHUMAL SIDDHESH SHARAD	3058	
8	4414	GAIKWAD SUSHANT SUNIL	3059	
9	4415	GAVARI PRITESH R.	3060	
10	4416	GENGAJE VINAY VIJAY	3061	
11	4417	GUNJAL CHETAN BABAN	3062	
12	4418	HINGE ASHWINI NAVNATH	3087	
13	4419	HINGE SAKSHI MANIK	3088	
14	4420	HINGE SHWETA NARAYAN	3089	
15	4421	KARALE GAYATRI D.	3063	
16	4422	NETAKE NIKITA DASHRATH	3064	
17	4423	NIGHOT OM VASANT	3090	
18	4424	SARODE PRATHAMESH R.	3065	
19	4425	SHINDE TANUJA JAYSING	3066	
20	4426	SHIRKE DHANASHIRI SUNIL	3067	
21	4427	SUKRE SAHIL BABAJI	3068	
22	4428	UDHANE JAYSHIRI RAMDAS	3091	
23	4429	UNDE NIKITA RAJENDRA	3069	
24	4430	VARPE DHANASHREE S.	3070	
25	4431	YEWLE RIYA C.	3071	
26	4446	JADHAV ADITYA BHARAT		
27	4447	NIGHOT SHUBHAM D.		



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



S. NO.	R.No.	Name of Student	Marks	Grade
1	4407	BAGAL NIKITA MAHESH	42	A
2	4408	BAGAL TEJASWINI TANHAJI	39	B
3	4409	BANGAR SAYALI SUNIL	38	B
4	4410	CHAVAN PRIYA VIJAY	39	B
5	4411	CHIKHALE PRANALI PRAVIN	41	A
6	4412	CHIKHALE SHUBHANGI D.	38	B
7	4413	DHUMAL SIDDHESH SHARAD	40	A
8	4414	GAIKWAD SUSHANT SUNIL	34	B
9	4415	GAVARI PRITESH R.	37	B
10	4416	GENGAJE VINAY VIJAY	35	B
11	4417	GUNJAL CHETAN BABAN	35	B
12	4418	HINGE ASHWINI NAVNATH	43	A
13	4419	HINGE SAKSHI MANIK	45	O
14	4420	HINGE SHWETA NARAYAN	41	A
15	4421	KARALE GAYATRI D.		
16	4422	NETAKE NIKITA DASHRATH	38	B
17	4423	NIGHOT OM VASANT	36	B
18	4424	SARODE PRATHAMESH R.	37	B
19	4425	SHINDE TANUJA JAYSING	40	A
20	4426	SHIRKE DHANASHRI SUNIL	40	A
21	4427	SUKRE SAHIL BABAJI	35	B
22	4428	UDHANE JAYSHRI RAMDAS	41	A
23	4429	UNDE NIKITA RAJENDRA	43	A
24	4430	VARPE DHANASHREE S.	40	A
25	4431	YEWLE RIYA C.	39	B

Course in charge

Head

Department of Chemistry
A. A. College, Manchar.
At. Ambegaoan Dist. Pune

PRINCIPAL

Annasaheb Awate Arts, Commerce &
Bhaskarrao Bhatu Gaid Science College,
Manchar, Tal. Ambegaoan, Dist. Pune
Maharashtra - 410505



Rayat shikshan santha's
Annasaheb Aivate College Manchar
Tal- Ambegaon Dist.-Pune 410503
Department of Chemistry
2023-2024

Certificate course in Instrumental Methods in Chemical Analysis

Date: 24/01/2024

Notice

All Chemistry teaching faculty are hereby informed that, T. Y. B. Sc. credit course Instrumental Methods in Chemical Analysis, Group-VIII as per new SPPU CBCS syllabus 2019 patterns will be commenced from 29/01/2024 to 15/02/2024 for the academic year 2023-2024. You should conduct the regular lecture and practical of said certificate course as per the attached timetable.

Lecture- hall no. C-05 (Time: 10.15-11.00 am)

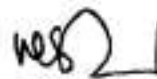
Practical: Chemistry Laboratory



Course Co-ordinator
Dr. Ramesh Gawade


Head

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



Rayat shikshan santha's
Annasaheb Awate College Manchar
Tal- Ambegaon Dist.-Pune 410503
Department of Chemistry
2023-2024


Certificate course in Instrumental Methods in Chemical Analysis

Date: 28/03/2024

Notice

All Chemistry students are hereby informed that, T. Y. B. Sc. credit course, Group-VIII of new SPPU CBCS syllabus 20219 patterns examination of certificate course in instrumental methods in chemical analysis will be scheduled on 01 April 2024.

Venue:- Hall no. C-05 (Time: 11.00-01.00 pm)


Course
Co-ordinator




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

Rajal Shikshan Sanstha's
Annasaheb Awate College Manchur
Department of Chemistry
Short-term Course in Instrumental Methods of Analysis
Syllabus Distribution Time-table 2023-2024

Date	Theory (12L) 10.15 to 11.00am (Hall No. A06)	Faculty	Practical (24L) 2.30 to 5.30pm (Laboratory)	Faculty
04/01/2024 to 12/02/2024	Introduction to Analytical Chemistry instrument(1L) Analysis and their type-qualitative & quantitative (1L) Classification of instrumental methods of analysis based on their properties (1L) Presentation of Data and its analysis (1L)	STS RBG AAK VBH	1) To determine chloride and sulphate by turbidometry. OR Estimate phosphorus content of soil and water by spectrophotometry. 2) To measure pH of different water sample. OR To measure pH and salinity of soil sample.	PPI RSP
13/02/2024 to 16/03/2024	principle construction and working of pH meter, colorimeter (1L) principle construction and working of Conductometer (1L) principle construction and working of spectrophotometer (1L) principle construction and working Flame Photometer (1L)	SBM AKV RSP PPG	3) To measure conductance of water sample. OR To measure conductance of soil sample. 4) To measure sodium content of soil by flame photometry. OR To measure potassium content of soil by flame photometry.	BJN PPG
17/03/2024 to 19/04/2024	Water analysis - sample collection and storage (1L) Type of water- surface, ground, drinking, industrial effluent(1L) soil analysis- type collection and nutrient present in soil (1L) food analysis. (1L)	RBG BJN PPI KM	5) to find antioxidant from food sample by colorimetry OR To find protein content in food sample by lowry. 6) Estimate moisture content of food by kurl fischer method OR To find adulteration in food.	KM VBH
Final	Examination		Examination	

AAK- Dr. A. A. Kulkarni

SBM- Dr. S. B. Misal

RBG- Mr. R. B. Gawade

STS- Dr. S. T. Shinde

AKV- Dr. A. K. Valvi

RSP- Mrs. R. S. Pawar

VBH- Dr. V. B. Hinge

PPI- Ms. P. P. Indore

PPG- Ms. P. P. Gade

BJN- Ms. B. J. Naikodi

KM- Ms. Kazi Misba

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



Rayat Shikshan Sanstha's
Annasaheb Awate College Manchar
Department of Chemistry

Short-term Course in Instrumental Methods of Analysis

T. Y. B. Sc. Examination Attendance 2023-2024

01/04/2024

S. NO.	R.No.	Name of Student	Sign
1	4407	BAGAL NIKITA MAHESH	N.B.
2	4408	BAGAL TEJASWINI TANHAJI	Bagal
3	4409	BANGAR SAVALI SUNIL	Bangar
4	4410	CHAVAN PRIYA VIJAY	Chavan
5	4411	CHIKHALE PRANALI PRAVIN	Chikale
6	4412	CHIKHALE SHUBHANGI B.	Chikale
7	4413	DHUMAL SIDDHESH SHARAD	Dhumal
8	4414	GAIKWAD SUSHANT SUNIL	Gaikwad
9	4415	GAVARI PRITESH R.	Gavari
10	4416	GENGAJE VINAY VIJAY	Gengaje
11	4417	GUNJAL CHETAN BABAN	Gunjal
12	4418	HINGE ASHWINI NAVNATH	A.N. Hinge
13	4419	HINGE SAKSHI MANIK	Hinge
14	4420	HINGE SHWETA NARAYAN	Shweta
15	4421	KARAI E. GAYATRI D.	AI
16	4422	NETAKE NIKITA DASHRATH	Netake
17	4423	NIGHT OM VASANT	Night
18	4424	SARODE PRATHAMESH R.	Sarode
19	4425	SHINDE TANUJA JAYSING	Shinde
20	4426	SHIRKE DIANASHRI SUNIL	Shirke
21	4427	SUKRE SAHIL BABAJI	S.B. Sukre
22	4428	UDHANE JAYSHRI RAMDAS	Udhane
23	4429	UNDE NIKITA RAJENDRA	Unde
24	4430	VARPE DIANASHREE S.	Varpe
25	4431	YEWLE RIYA C.	Yewle
26	4446	JADHAV ADITYA BHARAT	—
27	4447	NIGHT SHUBHAM D.	—



Ravat Shikshan Sanstha's
Annasaheb Awate College Manchur
Department of Chemistry
Short-term Course in Instrumental Methods of Analysis
T. Y. B. Sc. Lecture Attendance
2023-2024

R.No.	Name of Student	29/04/2024	30/04/2024	31/04/2024	01/05/2024	03/05/2024	06/05/2024	07/05/2024	08/05/2024	12/05/2024	13/05/2024	14/05/2024	15/05/2024
4407	BAGAL NIKITA MAHESH	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
4408	BAGAL TEJASWINI TANHAJI	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
4409	HANGAR SAYALI SUNIL	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
4410	CHAVAN PRIYA VIJAY	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
4411	CHIKHALE PRANALI PRAVIN	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
4412	CHIKHALE SHUBHANGI B.	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
4413	DHUMAL SIDDHESH SHARAD	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
4414	GAIKWAD SUSHANT SUNIL	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
4415	GAVARI PRITESH R.	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
4416	GENGAJE VINAY VIJAY	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
4417	GUNJAL CHETAN BABAN	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
4418	HINGE ASHWINI NAVNATH	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP



4419	HINGE SAKSHI MANIK	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4420	HINGE SHWETA NARAYAN	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4421	KARALE GAYATRI D.	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4422	NETAKE NIKITA DASHRATH	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4423	NIGHOT OM VASANT	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4424	SARODE PRATHAMESH R.	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4425	SHINDE TANUJA JAYSENG	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4426	SHIRKE DHANASHRI SUNIL	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4427	SUKKE SAHIL BABAJI	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4428	UDHANE JAYSHREE RAMDAS	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4429	UNDE NIKITA RAJENDRA	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4430	VARPE DHANASHREE S.	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4431	YEWLE RIYA C.	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha	Shubha
4432	JADHAV ADITYA BHARAT	AB	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
4433	NIGHOT SHUBHAM D.	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab



Rayat Shikshan Sanstha's
Annasaheb Awate College Manchar
Department of Chemistry

Short-term Course in Instrumental Methods of Analysis

T. Y. B. Sc. Practical Attendance

2023-2024

R.No.	Name of Student	29/01/2024	30/01/2024	05/2/2024	06/02/2024	12/2/24	13/2/2024
4407	BAGAL NIKITA MAHESH						
4408	BAGAL TIJASWINI TANHAJI						
4409	BANGAR SAYALI SUNIL						
4410	CHAVAN PRIYA VIJAY						
4411	CHIKHALE PRANALI PRAVIN						
4412	CHIKHALE SHUBHANGI B.						
4413	DHUMAL SIDDHESH SHARAD						
4414	GAIKWAD SUSHANT SUNIL						
4415	GAVARI PRITESH R.						
4416	GENGAJE VINAY VIJAY						
4417	GUNJAL CHETAN BABAN						
4418	HINGE ASHWINI NAVNATH						



4419	HINGE SAKSHI MANIK	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge
4420	HINGE SHWETA NARAYAN	Shweta	Shweta	Shweta	Shweta	Shweta	Shweta
4421	KARALE GAYATRI D	Gay	Gay	Gay	Gay	Gay	Gay
4422	NETAKE NIKITA DASIRATHI	Netake	Netake	Netake	Netake	Netake	Netake
4423	NIGHT OM VASANT	Night	Night	Night	Night	Night	Night
4424	SARODE PRATHAMESH R	Prathamesh	Prathamesh	Prathamesh	Prathamesh	Prathamesh	Prathamesh
4425	SHINDE TANUJA JAYSING	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja	Tanuja
4426	SHIRKE DHANASHRI SUNIL	Shirke	Shirke	Shirke	Shirke	Shirke	Shirke
4427	SUKRE SAHIL BABAJI	Sukre	Sukre	Sukre	Sukre	Sukre	Sukre
4428	TIDHANE JAYSHRI RAMDAS	Tidhane	Tidhane	Tidhane	Tidhane	Tidhane	Tidhane
4429	UNDE NIKITA RAJENDRA	Unde	Unde	Unde	Unde	Unde	Unde
4430	VARPE DHANASHREE S.	Dhanashree	Dhanashree	Dhanashree	Dhanashree	Dhanashree	Dhanashree
4431	YEWLE RIYA C.	Riya	Riya	Riya	Riya	Riya	Riya
4446	JADHAV ADITYA BHARAT	Ab	Ab	Ab	Ab	Ab	Ab
4447	NIGHT SHUBHAM D.	Ab	Ab	Ab	Ab	Ab	Ab



T. Y. B. Sc. 2023-2024

Certificate course in Instrumental Methods in Chemical Analysis

Date:01/04/2024

Time: 11.00-01.00 pm

Marks:50

Q. 1 Choose the correct alternative and rewrite the sentence.

10 Marks

1) Determination of copper is carried out by using

- a) Diphenyl thiocarbazon
b) sodium diethyldithiocarbamate
c) Acetylacetone
d) 8-hydroxyquinoline

2) The time taken by the mobile phase to elute the sample component completely from the column is called the t_R of the component.

- a) Retention Time b) Dead time c) Elution time d) Resolution Time

3) What is the nature of the mobile phase in reverse phase chromatography

- a) polar b) Non-polar c) Mixture of polar and non-polar d) It depends on the nature of analyte.

4) Which bulk property detector is used in HPLC?

- a) Fluorescence Detector b) Electrochemical Detector
c) Refractive Index Detector d) UV Detector

5) When the stationary phase is silica gel and the mobile phase is nitrogen, the chromatographic technique is called as

- a) GLC b) GSC c) TLC d) HPLC

6) The following gas is do not used as a carrier gas in GC

- a) Hydrogen b) Nitrogen c) Argon d) Oxygen

7) Atomic absorption is primarily used for the detection of in a sample.

- a) Trace Element b) Non-Metal c) Major constituent d) minor constituents.

8) Flame emission spectroscopy is a special type of emission spectroscopy in which _____ is used for the excitation of the atom.

- a) Flame b) Burner c) lamp d) Furnace

9) In AASis obeyed over a wide range of concentration.

- a) Lambert's b) Nernst law c) Beer's law d) Bouguer's law

10) HETP measures

- a) Peak width b) column efficiency c) retention time d) column Temp.



Q. 2. State True or false

10 Marks

- 1) The solvent extraction required a sophisticated apparatus.
- 2) The two liquids must be miscible with each other in the solvent extraction process.
- 3) HETP refers to the Height Equivalent of the theoretical plate.
- 4) The Van Deemter equation used in GC
- 5) The principle of liquid-liquid chromatography is like solvent extraction.
- 6) The column is the heart of an HPLC.
- 7) A thermal conductivity detector is more sensitive than a flame ionisation detector.
- 8) In GSC the separation of volatile or gaseous substances occurs by partitioning a sample between a mobile gas phase and a solid.
- 9) AAS technique has widely been used in biological, agricultural, metallurgical sample
- 10) Flame emission is primarily used for quantitative determination of alkali and alkaline earth metal.

Q. 3. Define/ Explain the following terms. (Any Ten)

10 Marks

- | | | |
|-------------------------|-----------------------------|-------------------------|
| 1) Qualitative Analysis | 2) Quantitative Analysis | 3) Accuracy |
| 4) Distribution ratio | 5) Distribution coefficient | 6) Eddy diffusion |
| 7) Resolution | 8) Isocratic elution | 9) gradient elution |
| 10) Principle of GC | 11) Stationary Phase | 12) Nebulization in AAS |
| 13) Principle of AAS | 14) Principle of FES | |

Q. 4. Attempt the following. (any four)

08 Marks

- 1) State the principle of solvent extraction.
- 2) State the van deemter equation and explain term involved in it.
- 3) Explain application of HPLC.
- 4) Draw schematic diagram of gas chromatography.
- 5) What are the limitation or disadvantages of AAS.
- 6) Explain with Schematic diagram component of FES.

Q. 5. Attempt the following. (any three)

12 Marks

- 1) Derive the relation between distribution coefficient and distribution ratio.
- 2) what is chromatography? explain classification of chromatographic separation.
- 3) state different type of detector used in HPLC and describe in brief UV detector.
- 4) Describe in brief column used in GC.

----- Best of Luck -----



Rayat Shikshan Sanstha's
Annasaheb Awte Arts, Commerce and Hutatma Babu Genu Science
College Manchar, Tal- Ambegaon, Dist.-Pune
Department of Chemistry
Report
Certificate Course in "Dairy Science"

Date: 30/04/2024

Report on Certificate Course in "Dairy Science"

Organized by: Chemistry Department
Target Audience: F. Y. B. Sc. 09 - Students
Duration: January 2024 to April 2024
Venue: Chemistry Laboratory and Lecture Hall

Introduction:

The Chemistry Department of conducted a Certificate Course in "Dairy Science" specifically for FYBSc students. The background behind offering the course is that the college is situated in Ambagaon Taluka. Most of the student beneficiaries come from farming families and own farms with dairy businesses. Therefore, it is essential for the students to gain knowledge about the dairy farming business. The course aimed to bridge the gap between theoretical knowledge and practical applications in the field of dairy science, aligning with contemporary industrial and academic requirements.

Objectives:

- To introduce students to the fundamental concepts of dairy science and its chemical aspects.
- To provide hands-on training in dairy product analysis and quality control.
- To enhance understanding of the significance of dairy science in the food and chemical industries.
- To develop skills necessary for pursuing careers or research in dairy technology.

Course Structure:

The course was structured into the following modules:

- 1. Introduction to Dairy Science:**
 - History and evolution of dairy science.
 - Importance of the dairy industry in India and globally.
- 2. Milk Composition and Chemistry:**
 - Chemical properties of milk.
 - Nutritional aspects and adulteration tests.
- 3. Dairy Product Processing:**
 - Processing techniques for milk, cheese, butter, and yogurt.
 - Preservation methods and shelf-life enhancement.



4. Quality Control in Dairy Industry:

- Analytical techniques for assessing milk quality.
- Standardization and regulatory compliance.

5. Field Visit and Practical Demonstrations:

- Visit to a local dairy processing unit.
- Hands-on sessions on testing milk purity, fat content, and microbial quality.

Methodology:

- **Lectures:** Delivered by faculty members and guest speakers from the dairy industry.
- **Practical Sessions:** Conducted in the Chemistry Laboratory to provide experiential learning.
- **Field Visit:** Arranged to give students exposure to Parag Milk Pvt. Ltd.
- **Assessments:** Practical and Theory Exam.



Glimpses of Dairy Courses


Outcomes:

- **Knowledge Acquisition:** Students gained a comprehensive understanding of the science behind dairy products and their processing.

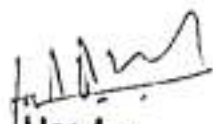
- **Skill Development:** Enhanced laboratory and analytical skills related to dairy quality control.
- **Industrial Exposure:** Students understood the operational aspects of dairy plants through field visits.
- **Certification:** All participants who successfully completed the course were awarded a certificate.

Conclusion:

The Certificate Course in "Dairy Science" was a successful completed by the Chemistry Department. It provided F. Y. B. Sc. students with valuable theory and practical knowledge and skills on dairy science.


Dr. S. T. Shinde
coordinator,
Short term course




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



Principal
Annasaheb Aware College,
Manchar, Dist. Pune

Rajat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Bahu Genu Science College,
Manchar, Tal. Ambegaon, Dist. Pune PIN-410503
Certificate Course Science Faculty Academic Year 2023-24

NOTICE

Date: 23/10/2023

All Head of the Science Faculty are here by informed that during academic year 2023-24 all Science Short Term Courses and students strength are decided below pattern. All should prepare Short Term Course Time Table and conduct the Course and keep records in their respective department.

SN	Dept.	Certificate Course Title	Class and Batch Name	Students Roll Nos.	Total
1	Electronics	Certificate Course in Artificial Intelligence	F. Y. B. Sc. Batch A+B	4001 to 4010 4011 to 4018 4019 to 4021	21
2	Botany	Certificate Course in Organic Farming	F. Y. B. Sc. Batch C	4051 to 4065 4011 to 4013	18
3	Zoology	Certificate Course in Apiculture	F. Y. B. Sc. Batch D	4066 to 4080 4014 to 4016	18
4	Chemistry	Certificate Course in Dairy Science	F. Y. B. Sc. Batch E	4081 to 4095 4017 4019 to 4020	18
5	Physics	Certificate Course in Basic GIS and Remote Sensing	F. Y. B. Sc. Batch F	4096 to 4110 4021 to 4022	17
6	Biotech.	Certificate Course in Plant Tissue Culture	F. Y. Biotech.	1 to 6	06


Chairman

Short Term Course Committee




Principal
Annasaheb Awate College,
Manchar, Dist. Pune



रयत शिक्षण संस्थेचे,

अण्णासाहेब आवटे महाविद्यालय, मंचर

मराठी विभाग

Short Term Course

रयत शिक्षण संस्थेच्या अण्णासाहेब आवटे महाविद्यालयातील मराठी विभागांतर्गत F.Y.B.A. या वर्गातील विद्यार्थ्यांसाठी 'पत्रकारिता' हा शॉर्ट टर्म कोर्स सुरू आहे. सदर कोर्स दि.01/08/2023 पासून प्रारंभ झाला आहे. सन 2023-24 मध्ये या कोर्सला 29 विद्यार्थी प्रवेशित झाले आहेत.

१) २०२३-२४ मधील कोर्सचे नाव : पत्रकारिता

२) अभ्यासक्रम :

३) एकूण क्रेडिट : १ क्रेडिट

४) अभ्यास मंडळ :

प्रा. डॉ. सदाफळ व्ही. डी. (मुख्य समन्वयक)

प्रा. मुठे आर.पी. (कोर्स समन्वयक)

१) २०२३-२४ मधील कोर्सचे नाव : पत्रकारिता

२) अभ्यासक्रम :

३) एकूण क्रेडिट : १ क्रेडिट

४) अभ्यास मंडळ :

प्रा. डॉ. सदाफळ व्ही. डी. (मुख्य समन्वयक)

प्रा. मुठे आर.पी. (कोर्स समन्वयक)

सोबत :

अभ्यासक्रमाची प्रत


मराठी विभाग प्रमुख
अण्णासाहेब आवटे महाविद्यालय,
मंचर, पुणे.





रयत शिक्षण संस्थेचे
अण्णासाहेब आवटे महाविद्यालय, मंचर
मराठी विभाग
पत्रकारिता प्रमाणपत्र कोर्स अभ्यासक्रम

घटक अ - वृत्तसंकलन आणि वृत्तलेखन


०१. बातमीदाराचे गुणधर्म
०२. बातमी आणि बातमीमूल्य
०३. बातमी लेखन पद्धती
०४. बातमीचे प्रकार
०५. वृत्तसंकलनाची क्षेत्रे
०६. प्रिंट मीडिया आणि इलेक्ट्रॉनिक मीडिया ओळख
(क्रेडीट १, व्याख्याने १५)

घटक ब - प्रात्यक्षिक

०१. बातमी लेखन
 - ०१.१. शैक्षणिक
 - ०१.२. कृषीविषयाक
 - ०१.३. राजकीय
 - ०१.४. संस्कृतिक
०२. मोबाईल पत्रकारिता
०३. प्रिंट मीडिया आणि इलेक्ट्रॉनिक मीडिया (क्षेत्र भेट- मंचर)
०४. प्रिंट मीडियात प्रत्यक्ष बातमी लेखन
(क्रेडीट १, प्रात्यक्षिक ४)

अभ्यासमंडळ

- प्रा. डॉ. जानेश्वर वाल्हेकर (बी.डी. कॉलेज, घोडेगाव)
प्रा. डॉ. पुरुषोत्तम काळे (बी.डी. कॉलेज, घोडेगाव)
प्रा. मुठे आर.पी. (कोर्स समन्वयक)


प्रिन्सिपल
अण्णासाहेब आवटे महाविद्यालय
मंचर, पुणे.

प्राचार्य




Rayat Shikshan Santha
Annasaheb Awate college Manchur
Department of Marathi
Short Term Course



Roll No	ID	Student Name	Gender	Category	Phone No.
1031	20238841	GHEWADE VAIBHAV PRAKASH	Male	OPEN	7620395423
1032	20238735	HAKE YOGESH SALBA	Male	NT(B)	7498887816
1033	20238830	INDORE OMKAR PRAKASH	Male	OPEN	7841007740
1034	20238827	JADHAV CHANDANI RAMDAS	Female	ST	8805175135
1035	20238743	KALE SANDIP TULSHIRAM	Male	ST	8308766945
1036	20238792	KAROTE PRANAV SUBHASH	Male	ST	9699415529
1037	20238826	KAROTE PUNDLIK ABAJI	Male	ST	9322048727
1038	20238472	KATALE AADITYA KAILAS	Male	OPEN	9022894919
1039	20238466	KATALE ADITI UTTAM	Female	OPEN	7057953013
1040	20238736	KATALE ASHWINI BALU	Female	ST	9767785491
1041	20238763	KATHE AMOL ANKUSH	Male	ST	8010774108
1042	20238530	KATHE MOHAN LAXMAN	Male	ST	9322841069
1043	20238494	KAVATE NIKITA EKNATH	Female	ST	7447805121
1044	20238631	KEDE SURAJ SANTOSH	Male	ST	8888915911
1045	20238797	KENGAL GANESH BALU	Male	ST	8799851584
1047	20238669	KIRVE JAYSHREE PANDURANG	Female	ST	9307417234
1048	20238668	KOLAP APEKSHA ARUN	Female	ST	7709301224
1049	20238837	KUDALE ROSHAN SANTOSH	Male	OPEN	8766963248
1050	20238806	KURKUTE AVINASH SANTOSH	Male	OPEN	8767795923
1051	20238794	LANGHI SUDHIR MARUTI	Male	ST	9022649817
1052	20238629	LEMBHE DIPALI VIJAY	Female	ST	8806926362
1053	20238695	LOKHANDE SONALI MARUTI	Female	NT(B)	9860197367

1054	20238688	MADAKE APEKSHA BABAN	Female	ST	8830386706
1055	20238738	MANSUKH PANKAJ RAJARAM	Male	OPEN	8485022146
1056	20238644	MASHERE ARTI NIVRUTTI	Female	OPEN	9561438482
1057	20238529	MEMANE KIRAN CHINDHU	Male	ST	8459067051
1058	20238533	MILAKHE VISHAL PUNAJI	Male	ST	7821943430
1059	20238677	MODAK AMIR SHANTARAM	Male	ST	9511251288
1060	20238646	MUTHE AKSHAY DASHRRATH	Male	ST	9420526124


 मराठी विभाग प्रमुख
 जयसिंगराव आठटे महाविद्यालय,
 मंगर, पुणे.




रयत शिक्षण संस्थेचे
अण्णासाहेब आवटे कॉलेज मंचर, पुणे
मराठी विभाग
नोटीस



दि. २७/०८/२०२३

महाविद्यालयातील एफ. वाय. बी. ए. मधील ज्या विद्यार्थ्यांनी पत्रकारिता या short Term Course ला प्रवेश घेतला आहे. त्यांचे लेक्चर ०१/०९/२०२३ पासून सुरू होणार आहेत. तरी सर्व विद्यार्थ्यांनी तासाला नियमित उपस्थित राहावे.


मराठी विभाग प्रमुख
अण्णासाहेब आवटे महाविद्यालय,
मंचर, पुणे.



Rayat Shikshan Sanstha's,
Annasaheb Awate college, Manchar.

मराठी विभाग

पत्रकारिता प्रमाणपत्र कोर्स

TIME-TABLE 2023-24

TIME	MON	TUE	WED	THURS	FRI	SAT
12.00 to 1.00	Prof. Dr. Gardi B.P.	Prof. Muthe R.P.	Prof. Mundhe G.D.	Prof. Dr. Gardi B.P.	Prof. Muthe R.P.	Prof. Mundhe G.D.




Head
मराठी विभाग प्रमुख
Department of Marathi
अण्णसाहेब आवटे महाविद्यालय,
मंथर, पुणे.

रयत शिक्षण संस्थेचे
अण्णासाहेब आवटे महाविद्यालय, मंचर
मराठी विभाग

Short Term Course : पत्रकारिता

Student Examination Presenty Sheet

Sr.No.	Roll No.	STUDENT NAME	SIGN
1	1031	GHEWADE VAIBHAV PRAKASH	
2	1032	HAKH YOGESH SALBA	
3	1033	INDORE OMKAR PRAKASH	
4	1034	JADHAV CHANDANI RAMDAS	
5	1035	KALE SANDIP TULSHIRAM	
6	1036	KAROTE PRANAV SUBHASH	
7	1037	KAROTE PUNDLIK ABAJI	
8	1038	KATALE AADITYA KAILAS	
9	1039	KATALE ADITI UTTAM	
10	1040	KATALE ASHWINI BALU	
11	1041	KATHE AMOL ANKUSH	
12	1042	KATHE MOHAN LAXMAN	
13	1043	KAVATE NIKITA EKNATH	
14	1044	KEDE SURAJ SANTOSH	
15	1045	KENGAL GANESH BALU	
16	1047	KIRVE JAYSHREE PANDURANG	
17	1048	KOLAP APEKSHA ARUN	
18	1049	KUDALE ROSHAN SANTOSH	
19	1050	KURKUTE AVINASH SANTOSH	
20	1051	LANGHI SUDHIR MARUTI	
21	1052	LEMBHE DIPALI VIJAY	
22	1053	LOKHANDE SONALI MARUTI	
23	1054	MADAKE APEKSHA BABAN	
24	1055	MANSUKH PANKAJ RAJARAM	
25	1056	MASHERE ARTI NIVRUTTI	
26	1057	MEMANE KIRAN CHINDHU	
27	1058	MILAKHE VISHAL PUNAJI	
28	1059	MODAK AMIR SHANTARAM	
29	1060	MUTHIE AKSHAY DASHRRATH	



मराठी विभाग प्रमुख
अण्णासाहेब आवटे महाविद्यालय,
मंचर, पुणे.


Rayat Shikshan Sanstha's
Annasaheb Aivate College, Manchar, Pune
Department of Marathi
Short Term Course - Patrkarita
Marksheet- 2023-24



Sr. No.	Roll No.	Name of the Students	Grade
1	1031	GHEWADE VAIBHAV PRAKASH	B
2	1032	HAKE YOGESH SALBA	B
3	1033	INDORE OMKAR PRAKASH	A
4	1034	JADHAV CHANDANI RAMDAS	A
5	1035	KALE SANDIP TULSHIRAM	B
6	1036	KAROTE PRANAV SUBHASH	B
7	1037	KAROTE PUNDLIK ABAJI	A
8	1038	KATALE AADITYA KAILAS	B
9	1039	KATALE ADITI UTTAM	A
10	1040	KATALE ASHWINI BALU	B
11	1041	KATHE AMOL ANKUSH	A
12	1042	KATHE MOHAN LAXMAN	B
13	1043	KAVATE NIKITA EKNATH	B
14	1044	KEDE SURAJ SANTOSH	B
15	1045	KENGAL GANESH BALU	A
16	1047	KIRVE JAYSHREE PANDURANG	A
17	1048	KOLAP APEKSHA ARUN	B
18	1049	KUDALE ROSHAN SANTOSH	A
19	1050	KURKUTE AVINASH SANTOSH	B
20	1051	LANGHI SUDHIR MARUTI	B
21	1052	LEMBHE DIPALI VIJAY	A
22	1053	LOKHANDE SONALI MARUTI	A
23	1054	MADAKE APEKSHA BABAN	B
24	1055	MANSUKH PANKAJ RAJARAM	A
25	1056	MASHERE ARTI NIVRUTTI	B
26	1057	MEMANE KIRAN CHINDHU	A
27	1058	MILAKHE VISHAL PUNAJI	A
28	1059	MODAK AMIR SHANTARAM	B
29	1060	MUTHE AKSHAY DASHIRATH	B

रयत शिक्षण संस्थेचे
अण्णासाहेब आवटे महाविद्यालय, मंचर
मराठी विभाग
Report Of Short Term Course : 2023-24

रयत शिक्षण संस्थेच्या अण्णासाहेब आवटे महाविद्यालयातील मराठी विभागांतर्गत F.Y.B.A. या वर्गातील विद्यार्थ्यांसाठी 'पत्रकारिता' हा Short Term Course दिनांक 01/09/2023 ते 30/11/2023 पर्यंत कोर्स कालावधी असून सदर कोर्ससाठी F.Y.B.A. च्या वर्गातील हजेरी क्रमांक 1031 ते 1060 असे एकूण 29 विद्यार्थी या वर्षी या कोर्सला प्रविष्ट आहेत. संबंधित कोर्सच्या तसिका विभागातील प्राध्यापकांनी नियमितपणे घेऊन अभ्यासक्रम पूर्ण केलेला आहे.


कोर्स समन्वयक
(प्रा.मुठे आर.पी.)



प्राचार्य
(अ.अ.कॉलेज, मंचर)

Rayat Shikshan Sanstha's
Annasaheb Awate College, Manchar, Pune
Department of Marathi
Short Term Course
पत्रकारिता प्रमाणपत्र कोर्स
Annual Report 2023-24

Department of Marathi had started certificate course in Journalism from academic year 2023-24. Above course was started for the students of first year of B.A.

To fulfill the aims and objectives of course, in this academic year twenty Nine students were admitted for course. Out of that Ten girls and Nineteen boys were admitted. After success completion of course twenty students were evaluated by exam. Certificates have been given to all passed students.




Head
मराठी विभाग प्रमुख
Department of Marathi
अण्णासाहेब आर्वटे महाविद्यालय,
मंथर, पुणे.



स्वतः शिक्षण संस्थेचे
अण्णासाहेब आवटे महाविद्यालय, मंघर
मराठी विभाग

Short Term Course : पत्रकारिता

Student Presenty Sheet 2023-24

Month : September

Sr.No.	STUDENT NAME	01.09.2023	02.09.2023	03.09.2023	04.09.2023	05.09.2023	06.09.2023	07.09.2023	08.09.2023	09.09.2023	10.09.2023	11.09.2023	12.09.2023	13.09.2023	14.09.2023	15.09.2023	16.09.2023	17.09.2023	18.09.2023	19.09.2023	20.09.2023	21.09.2023	22.09.2023	23.09.2023	24.09.2023	25.09.2023	26.09.2023	27.09.2023	28.09.2023	29.09.2023	30.09.2023
1031	GHEWADE VAIDHAV PRAKASH	P	P		P	A	P		P	P		P	P	P	A	P	P		A		P	P	P		P	P	P		P	P	P
1032	HAKRE YOGESH SALBA	A	P		P	P	P		A	P		P	P	P	P	P	P		P		P	A	P	P		P	P	P		A	P
1033	INDORE OMIKAR PRAKASH	P	P		P	P	P		P	P		A	P	P	P	P	P		P		P	P	P	A		P	P	P		P	P
1034	JADHAV CHANDANI RAMDAS	P	A		P	P	P		P	A		P	P	P	P	P	A		P		P	A	P	P		P	P	P		P	A
1035	KALE SANDIP TULSHIRAM	P	P		A	P	P		A	P		P	P	A	P	P	P		P		A	P	A	P		P	P	A		P	P
1036	KAROTE PRANAV SUBHASH	A	P		P	P	P		A	P		P	P	P	P	A	P		P		P	P	P	P		A	P	P		P	P
1037	KAROTE PUNDLIK ABADI	P	P		P	P	A		P	P		P	P	A	P	P	P		P		A	P	P	P		P	A	P		A	P
1038	KATALE AADITYA KAILAS	P	P		P	P	P		P	A		P	P	P	P	A	A				A	P	P	P		P	P	A		P	P
1039	KATALE ADITI UTTAM	A	P		P	P	P		P	P		P	P	P	P	P	P				P	P	P	P		P	P	A		P	P
1040	KATALE ASHWINI BALU	P	P		A	P	P		P	P		P	P	P	P	P	P				P	P	P	P		P	P	P		A	P
1041	KATHE AMOL ANKUSH	P	P		P	P	A		P	P		P	P	P	A	A	P				P	P	P	A		P	P	P		P	P
1042	KATHE MOHAN LAXMAN	P	A		P	P	P		P	P		P	A	P	P	P	P				A	P	P	P		A	P	P		P	P
1043	KAVATE NIKITA EKNATH	A	P		P	P	P		P	P		A	P	P	P	P	P				A	P	P	P		P	A	P		P	P
1044	KEDE SURAJ SANTOSH	P	P		P	P	A		P	P		P	P	A	P	P	P				P	P	P	P		A	P	P		P	P
1045	KENGAL GANESH BALU	P	A		P	P	P		A	P		P	P	P	A	P	P				P	A	P	P		P	A	P		A	P
1047	KIRVE JAYSHREE PANDURANG	P	P		P	P	A		P	P		P	P	P	P	A	P				P	P	P	P		P	A	P		P	P
1048	KOLAP APEKSHA ARUN	P	P		A	P	P		A	P		P	P	A	P	P	P				P	P	P	P		A	P	A		P	A
1049	KUDALE ROSHAN SANTOSH	A	P		P	P	P		P	P		P	A	P	P	P	P				A	P	P	P		P	P	P		A	A

1050	KURKUTE AVINASH SANTOSH	P P	A P P	P P	P P P A P P	P	P P P P	A P P	P P
1051	LANGHE SUDHAR MARUTI	P P	P P P	A P	P P P P A P	P	P P A P	P A P	P P
1052	LEMBHE DIPALI VIJAY	A P	P P P	P P	A P P P A P	P	P P P P	P P P	P P
1053	LOKSHANDE SONALI MARUTI	P A	A P P	P P	P P P A P A	P	P P A P	A P P	P P
1054	MADAKE APARSHA BABAN	P P	P P P	P P	P A P P P P	A	A P P P	P P P	A P
1055	MAHAPATRA PANKAJ RAJARAM	P P	P P P	A P	A P P A P A	P	P P P P	P P P	A P
1056	MAHESHI ARTI NIVRUTTI	A P	A P P	P P	P P P A P P	P	P P A A	P P P	P P
1057	MEMANE KIRAN CHINDUL	P P	P P P	A P	P P P P P P	A	P P P P	P P P	A P
1058	MILASHE VISHAL PUNAJ	P A	P P A P	P P	P P P A P P	P	P P P A	P P P	P P
1059	MUDAK AMR SHANTARAM	P A	P P P	P P	P A A P P P	A	P P P A	P P P	P P
1060	MUTHU ARUNAY DASIRATH	P A	P P P	P P	P A A P P P	P	P A P A	A P P	P P




 मंत्री विधान सभा
 मन्त्रालय मन्त्रि मन्त्रालय
 मन्त्र, मन्त्र

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

B.Voc [Food Processing and Quality Management]

Study Tour-2023-24

Date	29/01/2024		
Event	Agriculture Exhibition		
No. of Beneficiaries	FY,SY& TY Class(07)		
Guides	Mrs. Wayal S.V.		
	Ms. Indore M.A.		
Participants	F.Y. B.Voc	S.Y. B.Voc.	T.Y. B.Voc
Objectives	<p>Many agricultural exhibitions are held with the aim of developing farmers and agriculture industry at one place and informing about the latest technologies associated with it.</p> <p>Agricultural exhibitions serve as a powerful platform to enhance brand recognition and visibility. By participating in these events, companies can introduce their brand to a targeted audience, comprising farmers, agricultural professionals, suppliers, and industry stakeholders.</p> <p>Learning about agriculture: Students can learn about various agricultural schemes, initiatives, and technologies. They can also learn about new varieties of crops and implements.</p>		
Outcomes	<p>The outcomes of an agriculture exhibition for students can result in increased knowledge about various agricultural practices, technologies, career opportunities within the field, a deeper understanding of food production, improved critical thinking skills, practical exposure to new farming techniques, and a heightened awareness of sustainability issues related to agriculture, potentially inspiring future careers in the sector; essentially providing a hands-on learning experience beyond traditional classroom study.</p>		
Enclosure	Event Photos		



Ghorhose

Dr. Chitliki K. P.
 Associate Professor

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

Department of BBA-CA

Experiential Learning
Academic Year 2023-24

Date	16/08/2023
Event Mode	Offline (Department of BBA(CA))
No. of Beneficiaries	FY BBA(CA) = 60
Event Coordinator	Ms. Khatal S.D
Team Member	Mr. Khilari P.J , Ms. Thorat T.M , Mr. Pokharkar S.S
Event Participant	FY BBA(CA)
Event Time	9.30 Am
Introduction	The Experiential Learning Program for students of FY BBA(CA). (Bachelor of Business Administration in Computer Applications) was designed to foster peer-to-peer learning and enhance practical skills in language programming. The program aimed to provide a hands-on learning experience in the computer lab, allowing students to teach each other their individual language skills. The program was conducted every Wednesday starting from the first semester in August.
Objectives	<ol style="list-style-type: none">1) To enhanced collaboration: Students collaborated effectively within their groups, sharing knowledge and supporting each other in learning new concepts.2) To practical application: By working hands-on in the computer lab, students gained practical experience in programming languages, strengthening their understanding of theoretical concepts.3) To build confidence building: Taking on the role of a teacher boosted students' confidence in their own skills and abilities.



Outcomes	The Experiential Learning Program for FY & SYBBA(CA) students successfully enhanced practical programming skills through peer-to-peer teaching in the computer lab, fostering collaborative learning and deeper technical understanding, allowing students to teach each other their individual language skills.
Enclosure	1) Event Photos 2) Student Attendance



Prepared by



Approved by

Head
BBA(CA) Dept

ANNA'S COLLEGE, MANCHAR
A.A. College, Manchar-422503

Rayat Shikshan Sanstha's
Annasaheb Aivate Arts, Commerce & Hutatma Babu Genu
Science College, Manchar
Department of BBA-CA
Experiential Learning Attendance

Date: 13/09/2023

SR.NO	Class	Name of Student	Signature
1	FY BBA(CA)	ADAK GAURAV GULAB	Adak
2	FY BBA(CA)	ARUDE SIDDHI BAJIRAO	Arude
3	FY BBA(CA)	AWATE SIDDHARTH SURESH	Siddharth
4	FY BBA(CA)	BANGAR ADITYA DILIP	Bangar
5	FY BBA(CA)	BHAGAWAT SWAPNIL SANJAY	Bhagawat
6	FY BBA(CA)	BHALERAO DIKSHA DHANANJAY	Bhalerao
7	FY BBA(CA)	CHINCHPURE SANIYA SANDESH	Chinchpure
8	FY BBA(CA)	DABHADE DIVYA DILIP	Dabhaade
9	FY BBA(CA)	DAINE SHRUTI SANDIP	Daine
10	FY BBA(CA)	DHAMALE SUJATA SHAM	Dhamale
11	FY BBA(CA)	DHAMALE SAYALI PRAKASH	Dhamale
12	FY BBA(CA)	DHAMALE SHUBHANGI BABAN	Dhamale
13	FY BBA(CA)	DHOBAL MITALI PRADIP	Dhobal
14	FY BBA(CA)	DHUMAL PRATIK SUBHASH	Dhumal
15	FY BBA(CA)	DIVATE SNEHAL SAMPAT	Divate
16	FY BBA(CA)	DIVEKAR SIDDHI DATTATRAY	Divekar
17	FY BBA(CA)	DOKE GAURI VITTHAL	Doke
18	FY BBA(CA)	DOKE ISHWAR SANJAY	Doke
19	FY BBA(CA)	GAIKWAD ANURAG NITIN	Gaikwad
20	FY BBA(CA)	GAIKWAD RAMESWAR GAJANAN	Gaikwad
21	FY BBA(CA)	THORAT GAURI NITIN	Thorat
22	FY BBA(CA)	GANJAVE VAIBHAV SOPAN	Ganjave
23	FY BBA(CA)	GAWADE OM MOHAN	Gawade
24	FY BBA(CA)	GAWADE PAYAL RAJENDRA	Gawade
25	FY BBA(CA)	GAWADE SAHIL DIPAK	Gawade
26	FY BBA(CA)	GAWADE SHUBHAM ABHISHEKH	Gawade
27	FY BBA(CA)	SHEDE AKANKSHA SANTOSH	Shete-AS
28	FY BBA(CA)	GUNJAL TANVI RAVINDRA	Gunjal T.R
29	FY BBA(CA)	HINGE DARSHANA ANKUSH	Hinge
30	FY BBA(CA)	HINGE NILAM DILIP	Hinge
31	FY BBA(CA)	HUNDARE ANUSHKA MACHINDRA	Hundare
32	FY BBA(CA)	INDORE SANKET NITIN	Indore
33	FY BBA(CA)	JAGDALE ATHARVA NITIN	Jagdale
34	FY BBA(CA)	JAID PRATHMESH KISHOR	Jaidh
35	FY BBA(CA)	KAHADANE SAHIL SHANKAR	Kahadane
36	FY BBA(CA)	THOSAR SNEHA UTTAM	Thosar
37	FY BBA(CA)	WALSE KIRTI BHAGWAN	Walse
38	FY BBA(CA)	KARALE SRUSHTI RAHUL	Karale

39	FY BBA(CA)	UDAVANT VAISHNAVI SANJAY	Udavant.v.g
40	FY BBA(CA)	KHARAT PURVEJ RAHUL	Kharat
41	FY BBA(CA)	KOLAP TEJAL SABAJI	Tejal Kolap
42	FY BBA(CA)	KOLHE SHREYA SUDHIR	Shreya Kolhe
43	FY BBA(CA)	TAMBOLI SANIYA MUBARAK	Tamboli
44	FY BBA(CA)	LANDE SAKSHI BHARAT	Landes
45	FY BBA(CA)	LANDGE YASH BABAN	Yash
46	FY BBA(CA)	LOKHANDE DIKSHA VIJAY	Lokhande
47	FY BBA(CA)	LOLE SAKSHI KAILAS	Lole
48	FY BBA(CA)	MENGADE SNEHAL SANDIP	S.M.
49	FY BBA(CA)	MODHAVE ADITYA SAMPAT	A.S.M
50	FY BBA(CA)	MULE ADITYA GANESH	A.G.mule
51	FY BBA(CA)	SHEKHARE POOJA SOMA	P.S.
52	FY BBA(CA)	MULE SHRADHA MACHINDRA	Mule
53	FY BBA(CA)	NANGARE ISHWAR SANTOSH	N.I.S
54	FY BBA(CA)	RAHATADE ANURADHA SANTOSH	R.A.S.
55	FY BBA(CA)	NIGHOT SHWETA AVINASH	Shweta
56	FY BBA(CA)	POKHARKAR TANUJA KRUSHNA	P.K.
57	FY BBA(CA)	PAWAR OM SANDIP PAWAR	P.O.S
58	FY BBA(CA)	PHALKE SEJAL MINNATH	Phalke
59	FY BBA(CA)	POKHARKAR NILIMA NITIN	P.N.
60	FY BBA(CA)	POKHARKAR PRATIK SUNIL	P.S.P



Department of Food Processing & Quality Management



Agricultural Exhibition in Manchar



Group Discussion on Importance of Health and Nutrition

G. H. Kulkarni

Department of Food Processing & Quality Management



Experiential learning Practical's



Experiential learning Practical's



Students Performing Experiments (2023-2024)



9) (2023-2024)



Dark Room



2315	DHORMALE SNEHA SANTOSH	भास्कराणी वेगेंजगारी वगणी मण्डाचार	<u>Sneha</u>
2317	DHUMALE SAYALI NILESH	पाटी तेंचाई	<u>Sayali</u>
2318	DOKE TRUPTI GANESH	जलप्रदूषण	<u>Trupti</u>
2320	GADEKAR SAKSHI SHARAD	कोवीड - 19 लसवेत खंयन मंडित	<u>Sakshi</u>
2323	GHEWADE KIRAN SHANKAR	पाटी रंगई	<u>Shankar</u>
2325	INAMDAR SIMRAN SHAKUR	कोवीड - 19	<u>Simran</u>
2326	KARLE SUSHANT SANTOSH	राज्यतर्फे तालुक्यात वसतिगृहे मालक दुसऱ्या	<u>Sushant</u>
2327	KAROTE ANKITA SHANKAR	जलप्रदूषण	<u>Ankita</u>
2328	KEDARI SAMIKSHA SURESH	जली फुल्ले असावता अवेसण	<u>Samiksha</u>
2329	KENDRE PRACHI KAILAS	कोवीड - 19	<u>Prachi</u>
2330	KHEBADE SHITAL DATTATRAY	वास्तविक कोविक उपाय - सार्वजनिक वास्तविक	<u>Shital</u>
2331	KONDHAVALLE SAKSHI PRAKASH	जलप्रदूषण	<u>Sakshi</u>
2334	LOKHANDE DISHA SURESH	पेकोरी फसवणूक	<u>Disha</u>
2335	MODHAVE SAYALI GANESH		<u>Sayali</u>
2336	MORE SAKSHI MOHAN	पाटी तेंचाई	<u>Sakshi</u>
2337	MUTHE CHANDRABHAGA VITTHAL	जलप्रदूषण	<u>Chandrabhaga</u>
2338	NIGHT ADITI NARENDRA	नैसर्गिक आपत्ती व जलपुरसा	<u>Aditi</u>
2339	NIGHT ROSHNI SHUBHASH	कोवीड - 19 च्या काळात विद्यार्थ्यांवरील	<u>Roshni</u>



Rayat Shikshan Sanstha's

Annasaheb Awate College, Manchar, Pune

(Accredited by NAAC with 'A' Grade)



Department of Commerce

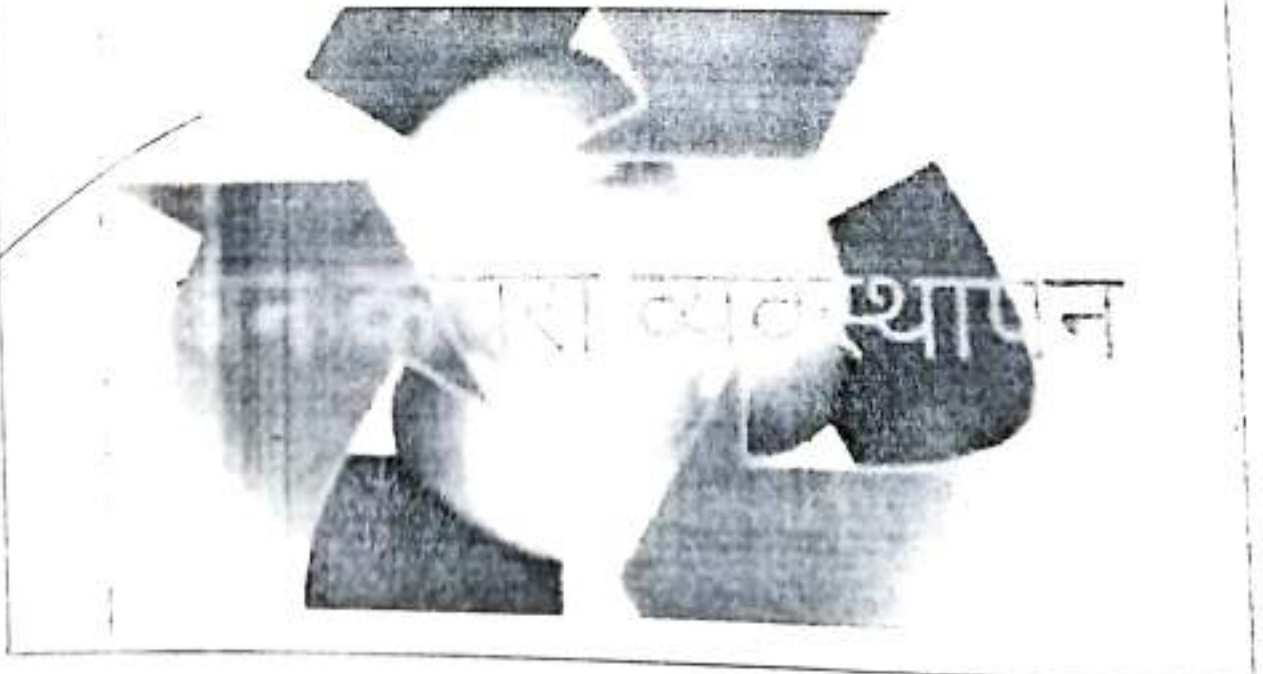
Academic Year 2023 - 24

SCIENTIFIC/ SOCIETAL SURVEY

Under Choice Based Credit System Pattern- 2019

- ❖ Name of Student: Bankhele Asmita Ashak
- ❖ Class: SYB: Com Semester: III Division: A Roll No: 2423
- ❖ Name of Guide: Prof. Wagh A. S.
- ❖ Date: 30 / 10 / 2023
- ❖ Exam Seat Number:

Please attach your best photo of Survey





➤ Remark of Guide :-

Excellent A

➤ Evaluation by Guide :-

Remark	Grade	Numerical Grade	Percentage	Evaluation
Out standing	O	10	100-99	
Excellent A	A+	09	89-75	cg
Very Good	A	08	74-60	
Good	B+	07	59-55	
Above Average	B	06	54-50	
Average	C	05	49-45	
Pass	D	04	44-40	
Fail	F	00	39-00	
Absent	AB	00	Nil	

Grade / Percentage: A+

MBV
Head

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

Date 20/10/2023

Place:



Signature of Guide



Rayat Shikshan Sanstha's

Annasaheb Awate College, Manchar, Pune

(Accredited by UAC, with 'A' Grade)

Department of Commerce

Academic Year 2019 - 2020

SCIENTIFIC/ SOCIETAL SURVEY

Under Choice Based Credit System Pattern- 2019

- ❖ Name of Student: Dhobale Sneha Suresh
- ❖ Class: SM B.C.O.D Semester: 1st Division: A Roll No: 6915
- ❖ Name of Guide: Prof. Wagh A.S.
- ❖ Date: 30/10/2019
- ❖ Exam Seat Number:

Please attach your best photo of Survey





Rayat Shikshan Sanstha's
ANNASAHEB AWATE ART, COMMERCE & HUTATMA BABU GENU SCIENCE COLLEGE MANCHAR.
DEPARTMENT OF COMMERCE & MANAGEMENT
T.Y. BCOM (Sem V) (2022-2024)
INTERNSHIP RECORD

Teacher Name : Dhobale A. V
 Subject : Marketing Management II

Internship Hours – 60 Hrs

Roll No	Name of the Students	Mobile No	Name & Address of the Industry	Period	Industry Contact Number	Student Activity	Sign	Remark
2619	Ganjour Akanksha Gulab	7841808619	Aditya Krishi Corp AT-Manchar Tal-Ambegaon, Dist-Pune	29/11/24 to 11/12/24	9881647777	Information about company		
2649	Potphade chhaya Navnath	9909937430	Benzer Multitech India Pvt Ltd At-Bhosri Tal-Ambegaon, Dist-Pune	5/12/24 to 19/12/24	9175337301	Information about sales		
2726	Chikhale Asmita Sunil	9373728370	Eklahare (Kalam) Pune - Nashik High - Way, Tal-Ambegaon, Dist-Pune 410 515	5/12/24 to 19/12/24	9822037805	Information about marketing		
2605	Bhor Sakshi Ashok	7517364247	Andreas Stihl Pvt Ltd At/Post Chakan Tal-Chakan, Dist-Pune	1/02/24 to 15/02/24	9922082054	Information about company		

31st Pune 410501 24



Ro IL No	Name of the Student	Mobile No	Name & Address of the Company	Period	Industry Contact Number	Student Activity	Sign	Re ma rk
26 52	Vishal shivaji sabale	8626086 083	Quick Pack Furniture Pvt. Ltd. Rajgurunagar, dist. pune - 411005	12-02-24 To 29-02-24	932213 3131	Information about sale	<u>Sabale</u>	
26 14	Sakshi Suresh Doke	99702189- 10	shree swami samarth Ent- erprise at she warwadi post manchar	5-2-24 To 21-2-24	902252 4031	Information about marketing	<u>S. & doke</u>	
27 25	Shrutika Dipak Chavan	83297753 25	R. K. Drip & Match ing Production Naryangan	5-2-24 To 22-2-24	915019 5901	Information about Adversiting	<u>Shavan</u>	
26 66	Sanchiti Navanath Totre	70578779 26	Pune Zilasahakri duth Utradak Sangh Maryadit	1-1-24 To 15-1-24	787263 0023	Information about Accounting	<u>Sanchiti</u>	
26 08	Chokkar Avinash Gorolosh	9129122 97	P. S. Sahab Milk & milk pro- ducts Pvt Ltd. A/P - Awasari Tal - Ambegaon, Pune	1-1-24 To 14-1-24	997548 3140	Information about production	<u>Chokkar</u>	





Roll No	Name of the Student	Mobile No	Name & Address of the Company	Period	Industry Contact Number	Student Activity	Sign	Mark
26 10	Chikhale Gangotri Anand	7387194376	Fibre Glass Industries Ltd Peth. Ambegaon. Pune.	11/2/2024 to 10/02/2024	9922565476	Information about Advertising.	<i>Pratik</i>	
27 28	Erande Bhagyashree Santosh.	7447398528	Bhimashankar desi farm. ghodegov	11/2/2024 to 15/2/2024	888829-7373	Information about desi farming	<i>Basant</i>	
26 17	Erande Sakshi Dilip	9834199539	Shivshakti foods Production, near bhandav ghat Pune.	5/2/2024 to 20/2/2024	969996-3582	Information about food processing	<i>Sakshi</i>	
26 25	Sabale Sahil Shivaji	8626086085	Quick pack Furniture Pvt. Ltd Manjarewad Rajgurunagar Pune	12/02/2024 to 11/03/2024	1225102022	Information about Furniture making business	<i>Sahil</i>	
26 23	Ichake Sakshi Ramdas	9370616381	Bhimashankar milk processors. At - valhi, Ta. Ambegaon. Dist - pune.	11/2/2024 to 15/2/2024	9850-133883	Information of milk processors	<i>S.R. Ichake</i>	





Roll No	Name of the Student	Mobile No	Name & Address of the Company	Period	Industry Contact Number	Student Activity	Sign	Remarks
27 36	Hinge Pranod Jeyasing	702828985	Ambasari bk dwad upadan samtha At Post. Ambasari bk, n. Ambasari Dist. Pune	23/11/23 08/12/23	973039376	Information OF Milk processors		
2 7 2 3	Bhoz Akash Manohar	7666464993	P.P. Manojkar & Associate S. At Post. Rajgurunagar Tal. H. Dist. Pune 410505	5/2/2024 to 21/2/2024	9850356050	Information of About Advertising & Marketing		
	Sub Teacher (Dhruv AV)					Department of Commerce A.P.C. Manchar, Dist. Ambegaon, Dist. Pune		



ISO 22000 2018
ISO 14001 2015
Certified Dairy

Pune Zillha Sahakari Dudh Utpadak Sangh Maryadit

Kaira Dairy Pune 411046 Phone: 24370697, 24373453 Fax: 020-24374834

E-mail: kairadairytraining@gmail.com | kairamilk@gmail.com

Web-site: www.kairadairy.com



To,
The Principal,
Rayat Shikshan Sanstha's,
Annasaheb Aivate College,
Manchar, Pune- 410503

Subject: Internship Completion Certificate

Respected Sir/ Madam,

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

Sr. No.	Name of the Student	Roll Number	Aadhar Number	Special Subject
	Thorat Omkar Sunil	2765	590910146062	Marketing Management II & III

These students have been provided with adequate exposure and necessary hands- on training pertaining to their special subject. I am confident that these students will perform effectively in similar type of organizations.

I wish them every success in future endeavors.

Thank you.



Yours Sincerely,

Asingh
प्रमुख
रायत शिक्षण संस्था

Name & Signature
(Authorized Signatory)



M/s. Aditya Krishi Company

All Agriculture Medicines and Urea

Pimpalgaon Phata, Manchar, Tal. Ambegaon, Dist. Pune 410503



Sr.No.

Date : 12/2/2024

To,
The Principal,
Rayat Shikshan Sanstha's,
Annasaheb Awate College,
Manchar, Pune-410503

Subject: Internship Completion Certificate Aditya Krishi Company

Respected Sir/Madam,

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

Sr.No.	Name of the Student	Roll No.	Aadhar No.	Special Subject
1	Ganjave Akanksha Gulab	2619	259264200322	Marketing Management

These students have been provided with adequate exposure and necessary hands-on training pertaining to their special subject. I am confident that these students will perform effectively in similar type of organizations. I wish them every success in future endeavors.

Thank you.

Yours Sincerely,

Name & Signature
(Authorized Singnatory)





SHIVSHAKTI FOODS

NEAR BHAGDEV GHAT PUNE -SASWAD ,PUNE 420 501



TO,

The Principal,

Kavai Shikshan Sanstha's,

Annasaheb Awale College,

Manchar, Pune -410503

Subject :Internship Completion Certificate.....

Respected Sir/Madam,

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

Sr No	Name of the student	Roll No	Aadhar Number	Special Subject
1	Sakshi Dilip Erande	2617	1234 1712 2906	Marketing Management-II Marketing Management -III

These students have been provided with adequate exposure and
necessary hands - on training pertaining to their special subject . I am confident
that students will perform effectively in similar type of organizations.

I wish them every success in future endeavors .

Thank you.


Yours sincerely,
For Shivshakti Foods

Name and **Proprietor**

(Authorized Signatory)

**AMAR****FLOORINGS PVT. LIMITED****MANUFACTURER :**

- PAVERS
- CHEQUERED / MOSAIC TILES
- FLY ASH BRICKS

Reg. Office / Factory Add.:

113, Eklahare (Kalamb), Pune-Nashik Highway, Ambegaon.

Dist. Pune - 410 515, Tel : 02133 - 239122, Mob 9122837803

Email: amarfloorings@rediffmail.com

CERTIFICATEThis is to certify that Mr./Miss Shinde Akshada Sharad

Class:

T.Y. B.COM Division.. Roll No 2761

of Rayat Shikshan Sanstha's, Annasaheb Awar

College, Manchar, Pune, has completed his/ her Field Visit / Study Tour / Industrial

Visit to our Organization on - under the guidance

of... राहुल राघवचंद्र चिंताकर during the AcademicYear... 2023-24

During the visit he/she obtained practical knowledge regarding the subject/area of

Marketing Management I heartily appreciate

his/her performance during the visit.

Name of the Officer:	राहुल राघवचंद्र चिंताकर
Name of the Organization:	अमर फ्लोरिंग प्रा. लि.
Address of the Organization	कळम (एकलहरे) ता. आंबेगाव, जि. पुणे. 410515

Date:

Place: Manchar.



Seal



Signature & Stamp

Rajat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar
Department of Commerce & Management
Academic Year :- 2023-24



Internship Report

Class: T.Y.B.Com.

Introduction:

Internship is a crucial component of learning, allowing participants to gain practical experience and develop skills through direct engagement with the subject matter. This report explores the importance, benefits, and best practices of hands-on training.

Objectives of an Internship:

1. **Practical Learning:** Apply theoretical knowledge in real-world business scenarios.
2. **Skill Development:** Enhance skills like financial analysis, accounting, marketing, and communication.
3. **Professional Experience:** Gain exposure to workplace environments and business operations.
4. **Networking:** Build professional connections with industry experts.
5. **Career Exploration:** Understand various roles in commerce to choose a suitable career path.
6. **Problem-Solving:** Learn to tackle real-life business challenges effectively.
7. **Workplace Etiquette:** Develop professionalism and teamwork abilities.

Key Learnings:

The key learnings of a commerce internship program typically include:

1. **Practical Accounting Skills:** Understanding financial statements, bookkeeping, and managing budgets.
2. **Business Operations:** Insights into day-to-day business activities like sales, procurement, and logistics.
3. **Financial Analysis:** Analyzing market trends, investment options, and company performance.
4. **Marketing and Sales:** Learning strategies for promoting products, dealing with clients, and increasing revenue.
5. **Software Proficiency:** Hands-on experience with tools like Excel, Tally, SAP, or other financial software.
6. **Communication Skills:** Enhancing verbal and written communication for business correspondence.
7. **Teamwork and Collaboration:** Working effectively in teams to achieve organizational goals.
8. **Customer Relations:** Handling client interactions, complaints, and maintaining strong relationships.
9. **Problem-Solving:** Tackling real-world challenges and finding effective solutions.
10. **Professional Etiquette:** Adopting workplace ethics, punctuality, and discipline.

This program equips students with the skills and knowledge required for a successful career in commerce.

Community Centric Approach

Innovative Solutions

Collaborative Spirit

Conclusion:

Internship is a valuable educational tool that offers numerous benefits, including practical skill development, enhanced learning outcomes, and increased engagement. By following best practices and incorporating hands-on activities into training programs, organizations can effectively prepare participants for success in their respective fields.



**MAGS-IATRC RESEARCH AND TRAINING PRIVATE
LIMITED**

Mokta Heights, 2nd Floor, PAF E-151/152, Telco Rd. near Quality Circle Forum of
India, MIDC, Bhosari, Pune, Maharashtra 411029
Mobile No. 9763140625, 9840450090

E-Mail Id:

19-01-23

To,
Principal,
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Tal, Ambegaon
Pune-410503

Subject: Permission for Job training at MAGS-IATRC research and Training
pvt. Ltd, Bhosari

Respected Sir,

As per our telephonic discussion regarding, and letter regarding your six M.sc
chemistry students to join for on job training programme at our lab, MAGS-
IATRC research and Training Pvt Ltd, Bhosari, pune. We allow them to join
above said instrumentation training programme from the period of 23rd January
to February 05th at our Lab.

We will ensure the training programme will be very fruitful and Knowledgeable
for students.

Hence we allow them and complete their OJT in mentioned period.

Thanking You

Dr. Sandesh Kate
Director



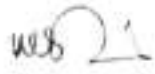
Head

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

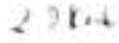
AGREED:

For Rayat Shikshan Sanstha's
Annasaheb Awate College Manchur,
Tal- Ambegaon, Dist-Pune, 410503

For MAGS-IATRC Reseach and
Training Pvt. Ltd.
BHOSARI , Pune -26


Dr. N. S. Gaikwad
Principal
Authorized Signatory
Principal




Dr. Sandesh Kate
Director
Authorized Signatory



Annasaheb Awate College

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

Manchur, Tal: Ambegaon, Dist. Pune
(Maharashtra)

Contact Details:

Dr A. A. Kale,

HOD Chemistry

9922753472

Dr. santosh shinde

9762952451

E-mails: aac.manchar@gmail.com

anandraoakale@gmail.com

Web:

<https://aacmanchar.edu.in/>

MAGS-IATRC Reseach and Training Pvt.
Ltd.

BHOSARI , Pune -26

Mukta Heights ,Plot J 151/152, Gavalu Mata
Near Quality Circle,Nigadi- Telco Road,
Bhosari, Pune 411026

Contact Details:

Dr. Sandesh Kate

+91 9763140625

Mr Govind Deshpande

9860450090

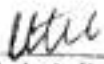
E-mails: mags.iatrc@gmail.com


sandesh.kate@mags-lab.com,

govind.deshpande@mags-lab.com

Web:

www.mags-labs.com


Witness 1: Dr A. A. Kale,
Rayat Shikshan Sanstha's,
Annasaheb Awate Arts, Commerce and
Hutatma Babu Genu Science College


Witness 2- Mr. Govind Deshpande
MAGS-IATRC Reseach and Training Pvt. Ltd.
BHOSARI , Pune -26



MAGS
IATRC

MAGS-IATRC RESEARCH AND TRAINING PRIVATE LIMITED

CIN: U73200PN2021PTC207224, UDYAM-MH-26-0204149


Mukta Herings, 2nd Floor, PAF-3-151/152, Telco Rd, near Quality Circle Forum of India, MIDC, Bhosari, Pune, Maharashtra 411026

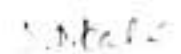
Mobile No. 9763140625, 9860450090 E Mail Id: mags.iatrc@gmail.com

Date

Certificate

This is to certify that Mr./Ms. Nighol Shruti Rohul
has actively participated in 12 day industry oriented training programme in Analytical
Instrumentation (HPLC, GC, UV, Formulation Dissolution, Karl fisher) on _____


Mr. Govind Deshpande
Director


Dr. Sandesh Kate
Director



MAGS-IATRC RESEARCH AND TRAINING PRIVATE LIMITED

CIN: U73200PN2021PTC207224, UDYAMA-MH-26-0204149

Maharashtra, India. Plot No. 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

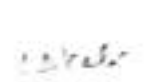
Mobile No. 9761148625, 9860450096 E-Mail Id: mag@iatri.com

Date


Certificate

This is to certify that Mr./Ms. Shinde Akshay Ganesh
has actively participated in 12 day industry oriented training programme in Analytical
Instrumentation (HPLC, GC, UV, Formulation Dissolution, Karl fisher) on _____


Mr. Govind Deshpande
Director


Dr. Sandesh Kate
Director




Head
Department of Chemistry
A.A. College, Manhar,
Tal. Ambur, Dist. Pune



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

(Reaccredited with 'A' Grade by NAAC)

Affiliated to Savitribai Phule Pune University, Pune

**DEPARTMENT OF B.VOC FOOD PROCESSING AND QUALITY
MANAGEMENT**

Date: 28/03/2024

Academic Year 2023-24

Notice

All students (F.Y. & S.Y.) of the Department of B.Voc. FPQM are hereby informed that, your Internship Presentation will be conduct on 6th April 2024. Kindly Complete and submit your report to the respective subject teacher before 5th April 2024.

Note:

- Those students do not submit report they will not allow for Presentation
- Carry your ppt presentation in Pendrive & Wear Uniform, ID Card during Presentation.

Head

Dept. of B. Voc.

Food Processing & Quality Management

Annasaheb Awate College, Manchar



B.Voc (Accounting And Taxation)
Industrial Visit 2023-24



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

DEPARTMENT OF ZOOLOGY
"World Wetlands Day"

2023-24

REPORT

1. **Date** : 02/02/2024 (Friday)
2. **Mode** : Offline
3. **No. of Beneficiaries** : 38
4. **Head of the Department** : Prof. S. T. Pokale
5. **Program Coordinator** : Dr. S. S. Patil
6. **Organizing Team** : Prof. S. A. R. Sayyed
Prof. S. V. Kale
7. **Activity** : 1) Lecture on Wetland
2) Visit to college campus
3) E- quiz on Wetland
8. **Objective:**
World Wetland Day Oriented programed objectives:
 - To involve the students participating in the activities to enhance their general knowledge and also in build the insights about the environment
 - To sensitize students on significance of Wetland on the occasion of 'World Wetland Day – 2024'
9. **Program Report:**
Rayat Shikshan Sanstha's, Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College, Manchar, celebrating "Wetland Day" on the occasion of World Wetland Day. Lecture was delivered on 2nd October 2022, from 12 noon to 2pm to all the undergraduate students. Total 38 students and 4 faculties were taking advantage of the fruitful lecture on wetland delivered by Dr. Patil S. S.



GPS Map Camera



Google

Manchar, Maharashtra, India
2X72+5V9, Ambegaon, Manchar, Maharashtra 410503, India
Lat 19.013004°
Long 73.952552°
02/02/24 11:03 AM GMT +05:30



GPS Map Camera



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Manchar, Maharashtra, India
2X72+5V9, Ambegaon, Manchar, Maharashtra 410503, India
Lat 19.013004°
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02/02/24 11:03 AM GMT +05:30



Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar
Department of Physics
Short Term Course Report: 2023-24

Date: 30/01/2024 to 19/03/2024

Venue: Computer Lab (Physics Dept.)

Number of beneficiary: 13 students

Class: F.Y.B.Sc.

Mode of the Program: Offline

Program Co-ordinator: Prof. P.V.Kurkute

Introduction:

An introduction to a C language course typically covers the fundamentals of programming using C, aimed at providing a solid foundation for understanding key concepts in computer programming.

Objectives:

- 1) To learn basic programming concepts.
- 2) To gain proficiency in C syntax
- 3) To develop problem-solving skills.
- 4) To prepare for logic building.

C language Applications:

1. C language can be used in graphics.
2. C language can be used to solve complex numerical problems.
3. C language can provide a strong foundation for software development.

Conclusion:

Upon completion of the course, students able to:

- Write, compile, and debug C programs independently.
- Understand and apply fundamental programming constructs using C.
- Analyse and solve problems using structured programming methodologies.

Overall, an introduction to the C language course provides a strong basis for further exploration into computer science and software development, equipping learners with practical skills applicable across various industries and domains.



P. V. Kurkute
Head
Department of Physics
A.A. College, Manchar



Rayat Shikshan Sanstha's
ANNASAHEB AWATE ART'S, COMMERCE & HUTATMA BABU GENU SCIENCE College.
Manchar, Dist. Pune.
Department of Chemistry
M.Sc-II Internal examination
CCTP-11 CHO-451 Organometallic Reagents in Organic Synthesis

Seminar Report

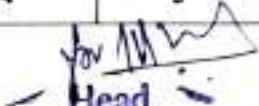
Date-02/04/2024

Marks Distribution Out of 15

Roll No	Student Name	Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
9101	BARAVE SAYALI VILAS	5	4	4	13
9102	BODAKE RUSHIKESH VINAYAK	5	4	4	13
9103	CHAVAN ADINATH BALASO	5	4	4	13
9104	CHAVAN ROHIT TANAJI	5	4	3	12
9105	DAWANGE ABHISHEK VINAYAK	5	5	5	15
9106	DESHMUKH OMKAR VASANT	4	4	4	12
9107	GHODEKAR VAISHNAVI RAJENDRA	5	5	5	15
9108	LAYGUDE SAMTA VIVEK	4	4	4	12
9109	LITKE PRADNYA VITTHAL	5	5	5	15
9110	NARKE RUTUJA BALASAHEB	5	5	5	15
9111	NIMBALKAR ABHIJIT SANJAY	5	4	3	12
9112	PATIL DIGVIJAY JAYWANT	5	4	4	13
9113	PATIL SHIVAJI KUNDALIK	5	4	4	13
9114	SHINDE ROHIT BABASO	5	5	4	14
9115	SURYAWANSHI RAHUL ASHOK	5	4	4	13
9116	THORAT DIPALI MOHAN	5	5	5	15
9117	THOSAR PRANJAL PUNDALIK	5	5	4	14
9118	VIDHATE NIKITA NAVNATH	5	3	4	12
9119	ZAMBRE ABHISHEK ARJUN	5	4	3	12


Dr. S. T. Shinde




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

Barave Sayali Vilas: Suzuki Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	4	4	13



Bodake Rushikesh Vinayak: Heck Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	4	4	13



Chavan Adinath Balaso: Sonogashira Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	4	4	13



Chavan Rohit Tanaji: Stille Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	4	3	12



Dawange Abhishek Vinayak: Fukuyama Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	5	5	15



Deshmukh Omkar Vasant: Kumada Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
4	4	4	15



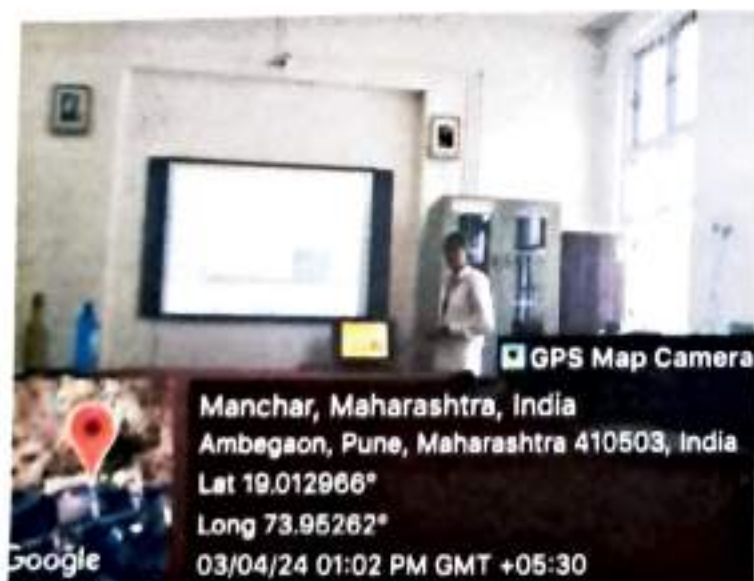
Ghodekar Vaishnavi Rajendra: Hiyama Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	5	5	15



Laygude Sanna Vivek: Negishi Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
4	4	4	12



Litke Pradnya Vitthal: Buchwald-Hartwig Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	5	5	15



Narke Rutuja Balasaheb: Noyori Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	5	5	15



Nimbalkar Abhijit Sanjay: Reppe Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	4	3	12



Patil Digvijay Jaywant: Oxo process Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	4	4	13



Patil Shivaji Kundalik: Shapiro Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	4	4	13



SHINDE ROHIT BABASO: Bamford-Stevens,

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	5	4	14



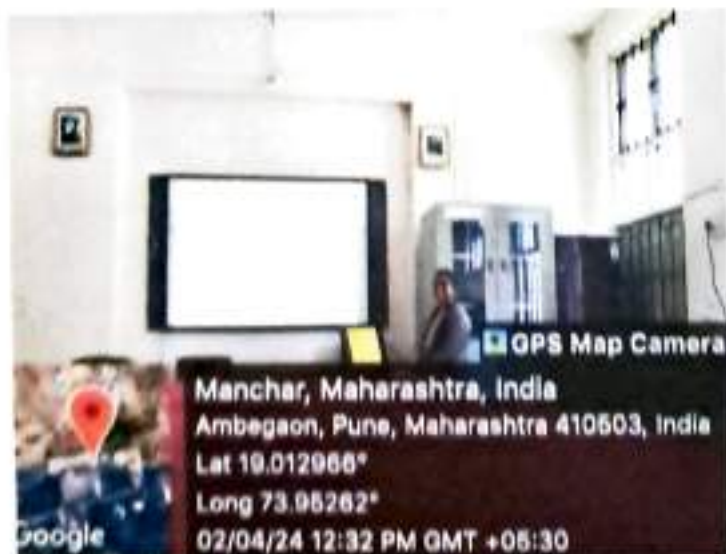
Suryawanshi Rahul Ashok: McMurry Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	4	4	13



Thorat Dipali Mohan: Julia-Lythgoe Reaction

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	5	5	15



Zambre Abhishek Arjun: Peterson olefination reactions

Preparation (5)	Presentation (5)	Subject Knowledge (5)	Total (15)
5	4	3	12



Dr. S. T. Shinde
Subject Teacher



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

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

DEPARTMENT OF CHEMISTRY

M. Sc-II Organic Chemistry

Subject: Stereochemistry and Asymmetric Synthesis of Organic Compounds (CHO-352)

Topics for Seminar

Teacher: Dr. Arun Valvi


Date: 05/10/2023

Time: 12pm onward

Sr. No.	Roll No.	Name of the Student	Topic of Seminar
1	9101	Barave Sayali Vilas	Locking of Flexible Conformations
2	9102	Bodake Rushikesh Vinayak	Conformation of heterocycles
3	9103	Chavan Adinath Balaso	Conformations of common sugars
4	9104	Chavan Rohit Tanaji	Anomeric effect
5	9105	Dawange Abhishek Vinayak	Bicyclo [2.2.1] heptane: A bridge system
6	9106	Deshmukh Omkar Vasant	Prochirality of bicyclo [2.2.2] octane system
7	9107	Ghodekar Vaishnavi Rajendra	Strained carbocycles – Bredt's rule
8	9108	Laygude Samta Vivek	Fused rings: Decalins
9	9109	Litke Pradnya Vinhal	Fused rings: Hydriindanes
10	9110	Narke Rutuja Balasaheb	Fused rings: Stereoids
11	9111	Nimbalkar Abhijit Sanjay	Fused rings: Alkaloids
12	9112	Patil Digvijay Jaywant	Allylic 1,2- and 1,3- strain
13	9113	Patil Shrivaji Kundalik	Alkyl ketone effect
14	9114	Shinde Rohit Babaso	Asymmetric aldol reaction
15	9115	Suryawanshi Rahul Ashok	Chiral auxiliary
16	9116	Thorat Dipali Mohan	Chiral auxiliary: Diels alder reaction
17	9117	Thosar Pranjal Pundalik	Asymmetric organocatalyst: CBS reagent
18	9118	Vidhate Nikita Navnath	Asymmetric hydrogenation
19	9119	Zambre Abhishek Arjun	Sharpless asymmetric epoxidation


20.5.23
Dr. Arun Valvi




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

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

DEPARTMENT OF CHEMISTRY

M. Sc-II Organic Chemistry

Subject: Stereochemistry and Asymmetric Synthesis of Organic Compounds (CHO-352)

Attendance for Seminar

Teacher: Dr. Arun Valvi

Date: 05/10/2023

Time: 12pm onward

Sr. No.	Roll No.	Name of the Student	Signature
1	9101	Barave Sayali Vilas	
2	9102	Bodake Rushikesh Vinayak	
3	9103	Chavan Adinath Balaso	
4	9104	Chavan Rohit Tanaji	
5	9105	Dawange Abhishek Vinayak	
6	9106	Deshmukh Omkar Vasant	
7	9107	Ghodekar Vaishnavi Rajendra	
8	9108	Laygude Samta Vivek	
9	9109	Litke Pradnya Vitthal	
10	9110	Narke Rutuja Balasaheb	
11	9111	Nimbalkar Abhijit Sanjay	
12	9112	Patil Digvijay Jaywant	
13	9113	Patil Shivaji Kundalik	
14	9114	Shinde Rohit Babaso	
15	9115	Suryawanshi Rahul Ashok	
16	9116	Thorat Dipali Mohan	
17	9117	Thosar Pranjali Pundalik	
18	9118	Vidhate Nikita Navnath	
19	9119	Zambre Abhishek Arjun	

Dr. Arun Valvi



Head

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

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

DEPARTMENT OF CHEMISTRY

M. Sc-II Organic Chemistry

Subject: Stereochemistry and Asymmetric Synthesis of Organic Compounds (CHO-352)

Attendance for Group Discussion

Teacher: Dr. Arun Valvi

Date: 05/10/2023

Time: 3pm

Sr. No.	Roll No.	Name of the Student	Signature
1	9101	Barave Sayali Vilas	
2	9102	Bodake Rushikesh Vinayak	Ab
3	9103	Chavan Adinath Balasa	
4	9104	Chavan Rohit Tanaji	
5	9105	Dawange Abhishek Vinayak	
6	9106	Deshmukh Omkar Vasant	Ab
7	9107	Ghodekar Vaishnavi Rajendra	Ab
8	9108	Laygude Samta Vivek	
9	9109	Litke Pradnya Vitthal	
10	9110	Narke Rutuja Balasaheb	
11	9111	Nimbalkar Abhijit Sanjay	
12	9112	Patil Digvijay Jaywant	
13	9113	Patil Shivaji Kundalik	
14	9114	Shinde Rohit Babasa	R.B. Shinde.
15	9115	Suryawanshi Rahul Ashok	
16	9116	Thorat Dipali Mohan	
17	9117	Thosar Pranjal Pundalik	
18	9118	Vidhate Nikita Navnath	
19	9119	Zambre Abhishek Arjun	

Dr. Arun Valvi



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

Date - 28/10/24

RAYAT SHIKSHAN SANSTHANS
Annasaheb Awate Arts Commerce & Hattatma Babur Genu Science College, Manchar
DEPARTMENT OF CHEMISTRY

S.Y.B.Sc.Group Discussion Attendance 2023-24

CH-301 Physical and Analytical Chemistry

Sr. No.	Roll No.	Name of the Student	Signature	
			Group Discussion 1	Group Discussion 2
1	4201	Chikhale Sanskruti Sandip		
2	4202	Damse Kanchan Vilas	<u>Damse</u>	<u>Damse</u>
3	4203	Daundakar Mayuri Vishnu	<u>Mayuri</u>	<u>Mayuri</u>
4	4204	Dherange Sujal Shekhar	<u>sdh</u>	<u>sdh</u>
5	4205	Doke Aarti Shankar	<u>A.S.Doke</u>	<u>A.S.Doke</u>
6	4206	Doke Tejal Santosh	<u>Ab</u>	<u>Ab</u>
7	4207	Gawade Akshay Balasaheb	<u>Gawade</u>	<u>Gawade</u>
8	4208	Gawade Radhika Harishchandra	<u>Ru</u>	<u>Ru</u>
9	4209	Gulave Akanksha Santosh	<u>Gulave</u>	<u>Gulave</u>
10	4210	Hande Bhagyashri Yuvraj	<u>T.Hande</u>	<u>T.Hande</u>
11	4211	Kanade Akshada Prabhakar	<u>Kanade</u>	<u>Kanade</u>
12	4212	Karote Ankush Kashinath	<u>Karote</u>	<u>Karote</u>
13	4213	Karote Priti Raghunath	<u>P.Priti</u>	<u>P.Priti</u>
14	4214	Kondhawale Rajlaxmi Ramchandra	<u>R.P.Kondhawale</u>	<u>R.Kondhawale</u>
15	4215	Langote Anushka Kaluram	<u>Anushka</u>	<u>Anushka</u>
16	4216	Mandale Sujata Machindra	<u>Ab</u>	<u>Ab</u>
17	4217	Mulani Nihal Javid	<u>Mulani</u>	<u>Mulani</u>
18	4218	Nighot Apurva Arun	<u>Nighot</u>	<u>Nighot</u>
19	4219	Nighot Sharau Dasharath	<u>Sharau</u>	<u>Sharau</u>
20	4220	Pokharkar Sakshi Raju	<u>Pokharkar</u>	<u>Pokharkar</u>
21	4221	Pokharkar Anuj Suresh	<u>Pokharkar</u>	<u>Pokharkar</u>
22	4222	Pokharkar Utkarsha Ashok	<u>U.A.H</u>	<u>P.U.A</u>
23	4223	Sarwade Priya Mahadev	<u>Priya</u>	<u>Priya</u>
24	4224	Shelkande Sonali Jalindar	<u>Shelkande</u>	<u>Shelkande</u>
25	4225	Shelke Arti Govind	<u>Shelke</u>	<u>Anatika</u>



RAYAT SHIKSHAN SANSTHA
Annasaheb Awate Arts Commerce & Hutatma Babu Genu Science College, Manchar
DEPARTMENT OF CHEMISTRY

Sr. No.	Roll No.	Name of the Student	Signature	
			Group Discussion 1	Group Discussion 2
26	4226	Shewale Anjali Santosh		
27	4227	Shingade Pranita Baban		
28	4228	Tambade Vaishnavi Suresh		
29	4229	Tavhare Digambar Balasaheb		
30	4230	Tawhare Priyanka Sayaji		
31	4231	Thorat Ashish Nitin		
32	4232	Wagh Karan Jalindar		
33	4233	Walunj Pranali Avinash		
34	4234	Wayal Shubham Savaleram		
35	4235	Yelbhar Diksha Deepak		
36	4240	Chaskar Atharv Anil		
37	4241	Chikhale Shweta Tukaram		
38	4242	Gaikwad Tejal Dattatray		
39	4243	Karote Pallavi Subhash		
40	4244	Shinde Aishwarya Bharat		
41	4245	Thorat Ajay Navnath		
42	4259	Lohakare Pooja Kantaram		
43	4260	Lohakare Priya Kantaram		
44	4261	Bhuwari Adinath Santosh		
45	4262	Chaskar Tanuja Tanaji		
46	4263	Ranpise Siddhi Santosh		
47	4264	Walunj Sakshi Bandesh		
48	4265	Ichake Ambika Ramdas		



AI in Robotics -

AI has a remarkable role in robotics. With the help of AI, we can create intelligent robots which can perform tasks with their own experiences without pre-programmed.


Advantages -

1. It defines a more powerful and more useful computer.
2. It introduces a new and improved interface for human interaction.
3. It handles the information better than humans.
4. It improves work efficiency as it reduces the duration of time to accomplish a task in comparison to humans.
5. AI operates 24x7 without interruption or breaks and has no downtime.

Disadvantages -

1. Its creation requires huge costs as they are very complex machines.

Future scope



Future of Artificial Intelligence

AI will make you believe the world revolves around you as you talk, discuss, etc. AI

RAYAT SHIKSHAN SANSTHA'S
ANNASANEH AWATE COLLEGE MANCHAR
DEPARTMENT OF ELECTRONIC SCIENCE

IoT Based Forest Fire Detection System Using Raspberry Pi and GSM

Introduction -

Fire is one of the most serious threats to mankind. Fire can be detected by the use of various sensors. To detect fire, many types of sensors are used. They produce a signal when a fire is detected. This signal is sent to a microcontroller which then sends a signal to a GSM module. The GSM module then sends a message to a mobile phone. This is how a fire is detected and a message is sent to the mobile phone.

Block Diagram



Fig: BLOCK DIAGRAM



Handwritten signature
Head

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

Estd. 1966

"Education through self help is our Motto," KARMAVEER



Rayat Shikshan Sanstha's
**ANNASAHAB AWATE ARTS, COMMERCE &
HUTATMA BABU GENU SCIENCE COLLEGE**

Manchar, Tal. Ambegaon, Dist. Pune
(Maharashtra) - 410 503.

ACCREDITED 'A' BY NAAC

ID. No. - PU/PN/ASC/017/1966

A.I.S.H.E. - C - 41221

PUN Code : CAAP010110



• FOUNDER •

Padmabhushan
Dr. Karmaveer Bhaurao Patil,
D. Litt.

★ PRINCIPAL ★
Dr. Gaikwad N.S.
MSc., Ph.D.

Ref. No. 1457 / 2023-24

Date: 02/02/2024

To,
Dr. Nilesh Kale,
Department of Geography,
Annasaheb Waghire College Otur,
Junnar, Pune.

Subject: Invitation for Resource Person...

Respected Sir,

It gives me great pleasure to invite you as a resource person for the guest lecture "Careers Opportunities in Geography" on the occasion of Geography Day. You are requested kindly accept the invitation and guide our student on 5th of February 2024.

Thanking you.



Principal

Annasaheb Awate Art's, Commerce &
Hutatama Babu Genu Science College
Manchar Tal. Ambegaon Dist. Pune

Estd. 1966

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Rayat Shikshan Sanstha's

**ANNASHEB AWATE ARTS, COMMERCE &
HUTATMA BABU GENU SCIENCE COLLEGE**

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A.I.S.H.E. - C - 41221

PUN Code : CAAP010110



* FOUNDER *

Padmabhushan
Dr. Karmaveer Bhaurao Patil,
D. Litt.

* * PRINCIPAL *
Dr. Gaikwad N.S.
MSc., Ph.D.

Ref. No. 1472/2023-24

Date: 05/02/2024

To,
Dr. Nilesh Kale,
Department of Geography,
Annasaheb Waghire College Otur,
Junnar, Pune.

Subject: Appreciation for guest lecture...

Respected Sir,

Thank you for the time, talent and expertise you have given to our student through your active guidance in "Careers Opportunities in Geography" on the occasion of Geography Day dated on 5th of February 2024. Your input was most helpful and has assisted our student in making bright careers in geography field.

Again, I thank you for your contribution, time and efforts for delivered speech.

Thank you.

Principal
Annasaheb Awate Art's, Commerce &
Hutatma Babu Genu Science College
Manchar Tal. Ambegaon Dist. Pune

Received
05/02/2024



राज्य शिक्षण संस्थाने,

अण्णासाहेब आवटे आर्ट्स, कॉमर्स अँड हुतात्मा बाबू
गेणू सायन्स कॉलेज, मंचर
भूगोल विभाग

भूगोल दिन समारंभ

(दिनांक ०५/०२/२०२४, वेळ सकाळी ९.००)

कार्यक्रम पत्रिका

प्रास्ताविक	:	प्रा. एस.डी. उगले
प्रमुख पाहुणे	:	प्रा.डॉ.निलेश काळे भूगोल विभाग, अण्णासाहेब वाघिरे महाविद्यालय, ओतूर, जूनर
अध्यक्ष	:	प्रा.डॉ. एन.एस. गायकवाड प्राचार्य अण्णासाहेब आवटे आर्ट्स, कॉमर्स अँड हुतात्मा बाबू गेणू सायन्स कॉलेज, मंचर
आभार	:	डॉ. एम.एच. काठे
सुत्रसंचालन	:	प्रा. व्ही.आर. मिढे

Rajat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hattatma Babu Genu Science College
Manchar, Tal. Ambegaon, Dist. Pune

Department of Geography- 2023-24
Guest Lecture on Occasion of Geography Day

Dt. 05th February 2024

Sr. No	Name of Students	Class	Signature
1	Mali Ashwini Budha	S.Y.B.A	
2	Mabade Nilam Baban	S.Y.B.A	
3	Joshi Vimal Natha	S.Y.B.A	
4	Spehal Ramdas Waje	S.Y.B.A	
5	Bhor Vasudha Santosh	T.Y.B.A.	
6	Bangar Bhavana Sunil	T.Y.B.A	
7	Naykodi Khushi Akhar	T.Y.B.A	
8	Dhobale Veishnavi Deepak	T.Y.B.A	
9	Dhobale Santoshi Deepak	T.Y.B.A	
10	pingale sharan pingale	F.Y.B.A	
11	Katole Ashwini Balu	F.Y.B.A	
12	Gawade Urmeeta Ganpat	F.Y.B.A	
13	Tambade Sakshi Baburao	F.Y.B.A	
14	Shinde Ashwini Nilesh	F.Y.B.A	
15	Shewale Niksha Ganesh	F.Y.B.A	
16	Somnani Tejaswini Anil	F.Y.B.A	
17	Gingange Purnima Sunil	S.Y.B.A	
18	Jadhav Sapali Arun	S.Y.B.A	
19	Phindale Sakrecha Revaji	S.Y.B.A	
20	Shinde Akshada Ganesh	F.Y.B.A	
21	Bungee Kamal Chandrakant	F.Y.B.A	
22	Mechkar Nikita Arun	S.P.B.A	
23	Ghute Gayatri Krushna	S.Y.B.A	



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

Department of Geography- 2023-24
Guest Lecture on Occasion of Geography Day

Dt. 05th February 2024

Sr. No	Name of Students	Class	Signature
24	Jadhav Chandani Ramdas	F.Y.B.A	C.R. Jadhav
25	Bhalekar Ravindra Keshav	F.Y.B.A	Bhalekar
26	Thakur Utkarsha Dilip	F.Y.B.A	Utkarsha
27	Rajguru Rutuja Santosh	F.Y.B.A	Rutuja
28	Gherade Ashwini Anil	F.Y.B.A	Ashwini
29	Erande Divya Naunath	F.Y.B.A	Divyande
30	Kavate Nikita Eknath	F.Y.B.A	Azavette
31	Madake Arpita Baban	F.Y.B.A	Arundate
32	Divyate Anusuya Vaidya	F.Y.B.A	Divyate
33	Gadgil Kadam Gayatri Dhanraj	F.Y.B.A	Gadgil
34	Shete Prachi Vilas	F.Y.B.A	Shete
35	Shinde Snehal Rajendra	S.Y.B.A	Shinde
36	Marade Rupali Nivrutti	S.Y.B.A	Marade
37	Gade Renuka Sitaram	S.Y.B.A	Gade
38	Shelke Nalini Kishor	T.Y.B.A	Nalini
39	Gaware Dnyaneshwari Baban	T.Y.B.A	Gaware
40	Bhose Neelakshi Somendra	TYBA	Bhose
41	Mandave Yogita Laxman	TYBA	Mandave
42	Pingale Shradha Kailas	TYBA	Pingale
43	Shinde Bhramar Santosh	T.Y.B.A	Shinde
44	Kornat Shantkar Gawari	S.Y.B.A	Gawari
45	Pallavi Madhav Zare	S.Y.B.A	Pallavi
46	Ganiksha Sanjay Chaugule	S.S.B.A	S.S. Chaugule



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

Department of Geography- 2023-24
Guest Lecture on Occasion of Geography Day

Dt. 05th February 2024

Sr. No	Name of Students	Class	Signature
47	Dighe Uttam Hanumanter	P.Y.B.A	<i>[Signature]</i>
48	Chikhale Rushikesh Anand	F.Y.B.A	<i>[Signature]</i>
49	Ghepade Vaibhav Prakash	F.Y.B.A	<i>[Signature]</i>
50	Mudale Ashan Santosh	F.Y.B.A	<i>[Signature]</i>
51	Bagad Rahul Sitaram	S.Y.B.A	R.B. Bagad
52	Shinde Ganesh Dhanraj	S.Y.B.A	G. Shinde
53			
54	Thorat Roshan Laxman	S.Y.B.A	R. Thorat
55	Thorat Siddhesh Pramodrao	T.Y.B.A	<i>[Signature]</i>
56	Shaikh Sami Amin	T.Y.B.A	Samir
57	Bhosle Aniket Rajendra	T.Y.B.A	<i>[Signature]</i>
58	Tare Adesh Ekanath	T.Y.B.A	<i>[Signature]</i>
59	Pule Vasant Bhagwanrao	T.Y.B.A	<i>[Signature]</i>
60	Thorat Darshan Sanjay	S.Y.B.A	<i>[Signature]</i>
61	Jotye Uttam Nandaram	F.Y.B.A	<i>[Signature]</i>
62	Bharmal Prathamesh Khanderao	F.Y.B.A	P. Khanderao
63	Mali Jay Jyotirao	TYBA	<i>[Signature]</i>
64	Hule Aniket Pandharinath	TYBA	<i>[Signature]</i>
65	Kondhware Mahendra Sitaram	S.Y.B.A	<i>[Signature]</i>
66	Kuderkar Anand Tukaram	S.Y.B.A	<i>[Signature]</i>
67	Karade Rakesh Kashinath	S.Y.B.A	<i>[Signature]</i>
68	Asawale Ramchandra Vijay	S.Y.B.A	<i>[Signature]</i>
69	Gengajale Swapnil Vijay	S.Y.B.A	<i>[Signature]</i>

70 Hajare Pankajesh Dhanraj

S.Y.B.A *[Signature]*



Rayat Shikshan Sanstha's

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

Department of Geography- 2023-24

Guest Lecture: on the topic of "Careers and Opportunities in Geography"

By Dr. Nilesh Kale.



भूगोलच्या विद्यार्थ्यांना बहुराष्ट्रीय कंपन्यांमध्ये नोकरीच्या संधी -डॉ. निलेश काळे

मंथर, दि. १३ (प्रतिनिधी) - भूगोल विषयाच्या विद्यार्थ्यांना बहुराष्ट्रीय कंपन्यांमध्ये नोकरीच्या संधी आहेत. त्यासाठी विद्यार्थ्यांनी अभ्यासावर सक्षम केंद्रित करावे, असे मत डॉ. निलेश काळे यांनी व्यक्त केले.

मंथर येथील अण्णासाहेब आष्टे महाविद्यालयातील भूगोल विभागाच्या वतीने भूगोल दिनाचे औचित्य साधून प्रश्नमंजुषा, भौगोलिक ज्ञान परीक्षा, भित्तिचित्रके, निबंध स्पर्धा या उपक्रमांचे आयोजन करण्यात आले. भूगोल दिनानिमित्त आयोजित कार्यक्रमांमध्ये डॉ. निलेश काळे



यांनी भूगोल विषयाचे बदलते स्वरूप व भूगोल विषयातील नोकरीच्या संधी याबबत मार्गदर्शन केले. विद्यार्थ्यांनी भौगोलिक ज्ञानाबरोबर उच्च निरीक्षण क्षमता, विश्लेषण क्षमता, माहिती संकलन क्षमता, तर्कशक्त, संगणक गाय व इंग्रजी विषयाचे ज्ञान संवादित

केवळ अस अशा विद्यार्थ्यांना सर्व्हेर, पर्यावरण, अर्थशास्त्र संशोधन, आरबी व्यवस्थापन, भूसाधन क्षेत्र, शासकीय विभाग तसेच कृषाचे विकसित झालेल्या बी आय एस, रिमोट सेंसिंग, बी पी एस तंत्रज्ञान आधारित बहुराष्ट्रीय कंपन्यांमध्ये नोकरीच्या उच्च संधी उपलब्धताचे सांगितले. कार्यक्रमाचे अध्यक्ष डॉ. विलास मदाकर यांनी मानवी जीवनशैलीत निष्णात महत्त्व दिले. भूगोल विभाग प्रमुख प्रा. सधना ठाले यांनी प्रास्ताविक केले. प्रा. विकास मिडे यांनी सूत्रसंचालन केले. प्रा. डॉ. माधुरी कटे यांनी आभार मानले.



लोक परिवर्तन

दिनांक २ फेब्रुवारी २०२४

संपादक आबासाहेब शिरसाठ

भूगोल विषयाच्या विद्यार्थ्यांना बहुराष्ट्रीय कंपन्यांमध्ये नोकरीच्या संधी - डॉ. निलेश काळे



द.लोकपरिवर्तन अक्षय डुंबरे तालुका प्रतिनिधी जुन्नर अण्णासाहेब आवटे महाविद्यालयातील भूगोल विभागाच्या वतीने भूगोल दिनाचे औचित्य साधून प्रश्नमंजुषा, भौगोलिक ज्ञान परीक्षा, भित्तिपत्रके, निबंध स्पर्धा या उपक्रमांचे आयोजन करण्यात आले. भूगोल दिनानिमित्त आयोजित कार्यक्रमांमध्ये डॉ.

निलेश काळे यांनी भूगोल विषयाचे बदलते स्वरूप व भूगोल विषयातील नोकरीच्या संधी याबाबत मार्गदर्शन केले. विद्यार्थ्यांनी भौगोलिक ज्ञानाबरोबर उत्तम निरीक्षण क्षमता, विश्लेषण क्षमता, माहिती संकलन क्षमता, तर्कशास्त्र, संगणक शास्त्र व इंग्रजी विषयाचे ज्ञान संपादित केल्यास अशा विद्यार्थ्यांना पर्यटन, पर्यावरण, अवकाश संशोधन, आपत्ती व्यवस्थापन, भूमापन क्षेत्र, शासकीय विभाग तसेच नव्याने विकसित झालेल्या जी.आय.एस., रिमोट सेन्सिंग, जी.पी.एस. तंत्रज्ञान आधारित बहुराष्ट्रीय कंपन्यांमध्ये नोकरीच्या उत्तम संधी असल्याचे मत डॉ. काळे यांनी व्यक्त केले. कार्यक्रमाचे अध्यक्ष डॉ. विलास सदाफळ यांनी मानवी जीवनातील निसर्गाचे महत्त्व विशद केले. उपस्थित मान्यवरांचे स्वागत व कार्यक्रमाचे प्रास्ताविक भूगोल विभाग प्रमुख प्राध्यापिका सपना उगले यांनी, सूत्रसंचालन प्राध्यापक विकास मिठे यांनी तर प्राध्यापिका डॉ. माधुरी काळे यांनी आभार मानले.

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

Department of BBA-CA

Participative Learning
Academic Year 2023-24

Date	29/09/2023
Event Mode	Offline (Department of BBA(CA))
No. of Beneficiaries	SY BBA(CA) = 60
Event Coordinator	Ms. Khatal S.D
Team Member	Mr. Khilari P.J , Ms. Thorat T.M , Mr. Pokharkar S.S
Event Participant	SY BBA(CA)
Introduction	Participative learning programs encompass didactic methods, strategies, and techniques aimed at fostering active student engagement in the learning process. Participative teaching methods are designed to shift the focus from passive reception of knowledge to active participation and collaboration among students. These methods include student's seminar activities.
Objectives	Enhanced Understanding: Participative learning methods facilitated a deeper understanding of concepts, methods, and among students. Through active participation and hands-on activities, students were able to grasp complex concepts more effectively. Peer Learning: Collaborative learning opportunities promoted peer-to-peer knowledge sharing and collaboration among students.
Outcomes	The participative learning program implemented in the SY BBA (CA) curriculum has yielded positive outcomes in terms of increased engagement, enhanced understanding among students. By encouraging active participation and collaboration, the program has created a more inclusive and effective learning environment.
Enclosure	1) Event Photos



[Signature]
 Prepared by

[Signature]
 Approved by

[Signature]
 Head
 BBA(CA) Dept

RD/107
 A.A.GONGE
 09/09/23

Department of Food Processing & Quality Management



Student Seminar



Class Test

Gitanjali

Kavit Shikshan Sanstha's
Anasabheb Awate, Arts, Commerce & Hattama Babu Gnan Science College,
Manchar, Pune
Department of Physics
S.Y.B.Sc. (Sem-I)

Student Seminar: 2023-24

Notice

Date: 28/10/2023

All the students of S.Y.B.Sc. Physics Paper-II (Instrumentation) are hereby informed that the Student Seminar will be conducted 30th Oct, 2023 at 11:00 am onward in the classroom. The student seminar is compulsory to all the students, since it will be accounted for an internal evaluation. So all should remain present without fail.



J. S. Chakral
Head
Department of Physics
A.A. College, Manchar

Kavit Shikshan Sanstha's
Anasabheb Awate Arts, Commerce & Hattama Babu Gnan Science College,
Manchar,
Department of Physics
S.Y.B.Sc. 2023-24 (SEM-I)
Paper: Instrumentation
Seminar Attendance

Date: 28/10/2023

Sl. No.	Roll No.	Name of the Student	Topic Name	Sign	Marks
1	4247	Abhang Sayali Sachin	Basic functional	<i>[Signature]</i>	3
2	4292	Gawari Kishan Tuladwar	Classification of	<i>[Signature]</i>	5
3	4274	Hule Akhila Anil	Piezoelectric type	<i>[Signature]</i>	5
4	4281	Bhargave Karishma	Thermistors	<i>[Signature]</i>	4
5	4258	Lohake Dipali Santosh	Current to voltage converter	<i>[Signature]</i>	5
6	4259	Thund Shradha Bhagji	Ohm's Law	<i>[Signature]</i>	3
7	4331	Gandhara Nilmar Somnath	Passive Transducer	<i>[Signature]</i>	3
8	4243	Chavade Varsha Suresh	Force transducer	<i>[Signature]</i>	3.4
9	4246	Abhang Prasad Dilip	Amplifier	<i>[Signature]</i>	5
10	4248	Babbar Vedant Prakash	OP amp & characteristics	<i>[Signature]</i>	4
11	4243	Gule Somesh Nilesh	Voltage to current converter	<i>[Signature]</i>	4
12	4215	Nigot Gauri Sombhaji	Static characteristics		4





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Signature

Revised

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Head of Department

रयत शिक्षण संस्थेचे,
अण्णासाहेब आवटे महाविद्यालयमंचर, पुणे.
वाणिज्य विभाग (2023-24)

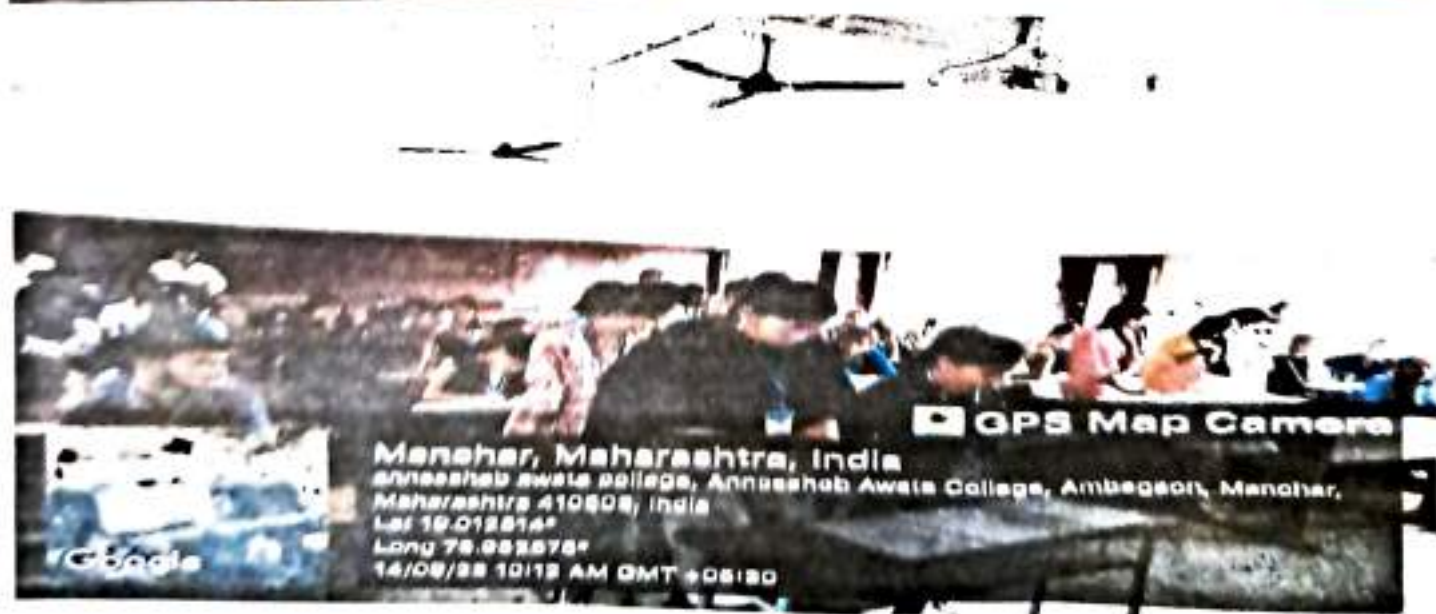


Participative Learning Methods

दि.11/09/2023

On 11/09/2023 at 08:45 AM to 09:30 AM under Participative Learning Methods on the subject of "Financial Accounting" under Department of Commerce in Annasaheb Awate College, subject teacher Dr. S. S. Ughade guided the subject of Financial Accounting. 37 students of the class participated in the this lecture and discussed their opinions, difficulties and problems under the topics.





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



Participative Learning Method Attendance 2023-24

Class :- FYBCOM - A, B

Date :- 14/09/2023

Subject :- Financial Accounting - I

Subject Teacher :- Dr. Ughade S. S.

Sr. No.	Name of Student	Roll No.	Signature
1)	Thorat Gauri Ramdas.	2104	G. R. Thorat
2)	Dhamale Rutuja Suresh.	2022	Dhamale
3)	Waze Pranjal Shankar	2111	Waze
4)	Deshmukh Shamal Sanjay	2021	S. S. Deshmukh
5)	Khilari Anushka Ramdas	2051	Anushka
6)	Lohat Sakshi Pandurang	2058	Sakshi
7)	Kurhade Sakshi Raju	2055	Sakshi
8)	Eule Rutuja Kushabhau	2014	Rutuja
9)	Mate Kalpana Dilip	2063	Karnate
10)	Dake Vaishnavi Hanuman	2027	Vidya
11)	Dharade Nikita Mangalad	2028	Nikande
12)	Lokhande Sangita Pandurang	2060	Lokhande
13)	Gogade Priya Ram	2142	Pogade
14)	Chakkar Diksha Digambar	2016	D. Chakkar
15)	Patil Ishu Babaji	2046	Patil
16)	Sargare Monika Sanjay	2028	S. Sargare
17)	Shinde Samiksha Sunil	2093	Samiksha
18)	Kunde Poochi Vilas	2113	Poochi
19)	Kunde Vaishnavi Sunil	2096	Kunde
20)	Chavhan Pranali Mangalath	2015	Pranali
21)	Chavhan Chavani Sharad	2024	Chavani
22)	Thorat Anjali Pratik	2109	Anjali
23)	Thorat Anjali Pratik	2088	Anjali
24)	Thorat Anjali Pratik	2038	Anjali
25)	Gawari Anisha Dattaji	2035	Anisha

Sr. No.	Name of Student	Roll No.	Signature
26]	Gawade Sayali Pandharinath	2034	<u>Gawade</u>
27]	Lonche Rutuja Vitin	2061	<u>Lutya</u>
28]	Rakshe Siddhi Rajendra	2085	<u>Raksho</u>
29]	Rakshe Disha Dattatray	2082	<u>Aisha</u>
30]	Naxale Mansi Eknath	2069	<u>Deleale</u>
31]	Totre Sakshi Ravindra	2107	<u>Totre</u>
32]	Karale Gitanjali Santosh	2048	G.S. Karale
33]	Khedkar Priti Ramdas	2060	PR. Khedkar
34]	Shingade Nisha Prabhakar	2095	<u>Shan</u>
35]	Waje Sakshi Valmik	2139	<u>Gatam</u>
36]	Saravade Dipali Bhimaram	2087	D.B. Saravade
37]	Lohakare Komal Suresh	2057	K.S. Lohakare
38]	Talekar Vaishnavi Haridas	2097	V.H. Haridas
39]	Shelar Nikhil Ramdas	2133	<u>Shelar</u>
40]	Totre Adesh Laxman	2106	<u>Totre</u>
41]	Dake Shubham Laxman	2026	<u>Shubham</u>
42]	Dane Saham Santosh	2019	<u>Dane</u>
43]	Nigot Tanmay Balu	2073	<u>Tanmay</u>
44]	Asaware Abhijit Dnyander	2001	<u>Asaware</u>
45]	Bankhale Aditya Kailas	2121	<u>Bankhale</u>
46]	Shinde Sujit Goraksha	2094	<u>Shinde</u>
47]	Mohite Raj Jalindar	2065	<u>Mohite</u>
48]	Pokade Archishyam	2011	<u>Pokade</u>
49]	Pawade Reetika Rohidas	2078	<u>Pawade</u>
50]	Pralerao Vighnesh Sandip	2007	<u>Pralerao</u>
51]	Schid Dilip Erande	2030	<u>Schid</u>
52]	Umar Kailas Chaskar	2124	<u>Umar</u>
53]	Gurav Saurabh Ganesh	2029	<u>Gurav</u>
54]	Shinde Dnyanesh Prasad	2102	<u>Shinde</u>
55]	Gurav Saurabh Ganesh	2105	<u>Gurav</u>
56]	Murshere Pratik Jagdish	2061	<u>Murshere</u>
57]	Erise Sanku Ganesh	2066	<u>Erise</u>
58]	Mohite Raj Jalindar	2017	<u>Mohite</u>
59]	Chavan Siddhesh Shankar		<u>Chavan</u>

Name of Student	Roll No.	Signature
Diwate Pravin Narinder	2025	<u>Diwate</u>
Bhange Dipak Kantaram	2008	<u>Bhange</u>
Thorat Adesh Pandurang	2102	<u>Thorat</u>
Bhalerao Avshikesh Ashok	2006	<u>Bhalerao</u>
Pokharkar Ayush Kalluram	2080	<u>Ayush</u>
Karale Raj Bhagchan	2128	<u>Karale</u>
Hule maraj Satish	2043	<u>Hule</u>
Nighat Aadesh Anil	2070	<u>Nighat</u>
Bheke Rahul Sukhadev	2009	<u>Bheke</u>
Pawale Kajal MANohar	2077	<u>Pawale</u>
Thorat samiksha Shivaji	2105	<u>Thorat</u>
Shaikh Aafreen Noor Mohammed	2089	<u>Aafreen</u>
Inamdar Muskan Salim	2044	<u>Muskan</u>
Mee Umila Shripat	2067	<u>Umila</u>

Date: _____
 Page: _____
 Teacher: _____

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



Participative Learning Method Attendance 2023-24

Class :- FYBCOM - C


Date :- 11/09/2023

Subject :- Financial Accounting - I

Subject Teacher :- Dr. Ughade S. S.

Sr. No.	Name of Student	Roll No.	Signature
1)	Bharmal Prathmesh Dilip	3006	P.D. Bharmal
2)	Mera Mohammad Zaman	3030	Zam
3)	Abhang Siddhesh Ganesh	3001	Abhang
4)	Madhavi Yash Balasaheb	3083	Madhavi
5)	Khanolkar Saham Sanjesh	3028	Saham
6)	Bansode Siddhesh Balasaheb	3009	Siddhesh
7)	Menkude Adhikar Rajesh	3031	Adhikar
8)	Temkar Chaitanya Subhash	3046	Chaitanya
9)	Tosar Sejal Pundalik	3050	Sejal
10)	Diksha Dattatray Barve	3004	Diksha
11)	Chikhale Rutuja Lalit	3010	Rutuja
12)	Barve - Pranjal - Raghunath	3005	Pranjal
13)	Thorat Vaishnavi Pandharnath	3049	Vaishnavi
14)	Salunkhe Aarti Adinath	3041	Aarti
15)	Mizga Disar Fatema Abulgajaj	3032	Fatema
16)	Momin Ayesha Rizvan	3034	Ayesha
17)	Chaskar Pooja Rajpadi	3051	Pooja
18)	Chaskar Pooja Rajpadi	3007	Pooja
19)	Chaskar Shweta Sanil	3013	Shweta
20)	Chaskar Shreerani Balu	3002	Shreerani
21)	Chaskar Sanjay Anil	3029	Sanjay
22)	Chaskar Pratik Prasad	3018	Pratik
23)	Chaskar Pratik Prasad	3015	Pratik
24)	Chaskar Apeksha Prasad	3045	Apeksha
25)	Chaskar Pranjal Vijay	3008	Pranjal

Name of Student	Roll No.	Signature
26) Temkar Vaishnavi Ravindra	3047	Devnandan
27) Pokharkar Sai Santosh	3037	Pokharkar
28) Kasar Sayali Balchiram	3027	Bekar
29) Pokharkar Sanchita Sanjay	3039	Sanchita
30) Dhamdhare Sameuddhi Suresh	3012	St!
31) Shinde Vaishnavi Pramod	3044	Shinde
32) Shinde Anuja Chandrashekhar	3055	Shinde
33) Therat Ankita Bandu	3048	Therat
34) Shinde Kanhan Vasudev	3043	Shinde
35) Gund Rasika Vilas	3019	Gund
36) Indore Aditi Balasaheb	3056	Indore
37) Gawori Varsha Manohar	3017	Gawori


 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, Pune
Department of Geography**




Head
 Department of Geography
 Annasaheb Awate College,
 Manchar, Tal. Amburwad, Dist. Pune

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

Department of Chemistry

M.Sc. II Analytical Chemistry (2023-2024)

Seminar Topic

**Subject: CHA-492(B): Analytical Chemistry of agriculture, Polymer and
Detergent**

Date: 03/04/2024

Time: Onward 12.00 PM

Sr. No.	Roll. No.	Name Of Student	Topic	Signature	Mark
1.	9251	Hinge Vaishnavi Navnath	Determination of water soluble phosphorous, Captafol (HPLC & GC)		14
2.	9252	Ichake Rutuja Shivaji	NMR Spectroscopy, Optical Microscopy, Dilatometry		13
3.	9253	Jadhav Pratiksha Rajendra	Mass Spectrometry, Uv-Vis Spectroscopy, Osmometry		14
4.	9254	Jadhav Rutuja Vilas	End Group Analysis, Raman Spectroscopy, Light Scattering		14
5.	9255	Jadhav Vidya Bharat	Turbidimetric Titration, X-ray Diffraction, Ethylene Thiourea (GC)		13
6.	9256	Purwant Jagruti Vinod	Collection and Preparation of water Sample, Captan (HPLC), Flopet (HPLC)		14
7.	9257	Bangar Komalrani Kisan	Ultracentrifugation, Viscometry, Aldicarb (GC)		14




Head

Department of Chemistry
A.A. College, Manchar
at Ambegaon First Phase






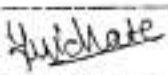
Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar

Department of Chemistry
Class-M.Sc.-I Organic Chemistry


Seminar
Subject : CHE-508 Research Methodology

Date : 07/10/2023

Time : 12:00 am to 2:00 pm

Roll No	Student Name	Topic Name	Sign
9001	Badhekar Omkar Yuvraj	Objective of research, motivation in research, types of research,	
9002	Morade Prasad Dattatray	Steps in scientific research: scientific methods of research, criteria of good research, and characteristics of a good research	—
9003	Nighot Divya Sudhir	The Investigative Approach: Making and Recording Measurements. SI Units and their uses, Scientific method and design of experiments, Analysis and Presentation of Data	
9004	Nighot Shruti Rahul	Analysis of variance (ANOVA), Correlation and regression, Curve fitting, fitting of linear equations, simple linear cases, weighted linear case, analysis of residuals, General polynomial fitting, linearizing transformations,	
9005	Shinde Akshay Ganesh	exponential function fit, r and its abuse, basic aspects of the multiple linear regression analysis	
9006	Shirtar Vaishnavi Bhika	Sources of information: Primary, secondary, tertiary sources; Journals: Journal abbreviations, abstracts, current titles, reviews, monographs, dictionaries,	—
9007	Totre Divya Balasaheb	Research Metrics: a) Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score	
9008	Vidhate Yogesh Dasharath	Metrics: h-index, g index, i10 index.	




Head

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

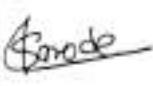



Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hulatma Babu Genu Science College
Manchar

Department of Chemistry
Class-M.Sc.-I Analytical Chemistry


Seminar
Subject : CHE-508 Research Methodology

Date : 07/10/2023

Time : 12:00 am to 2:00 pm

Roll No	Student Name	Topic Name	Sign
9201	Sarode Sachin Subhiraj	Safe working procedure and protective environment, protective apparel	
9202	Shinde Pratiksha Arun	Emergency procedure and first aid, laboratory ventilation. Handling of various chemicals, solvents & glassware. Fires and fighting with fires. Hazardous substances	
9203	Waykar Aishwarya Nitin	Safe storage and use of hazardous chemicals, procedure for working with substances that pose hazards, flammable or explosive hazards classification, and handling Safety Data Sheet.	
9204	Jadhav Payal	Chemical entries, MSDS, CAS numbers, dead stocks maintenance. Disposal of waste chemicals, recovery, recycling and reuse of laboratory chemicals.	




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

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

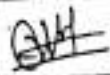
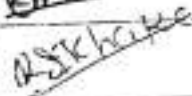

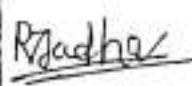
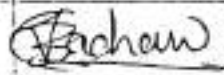

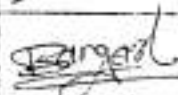
DEPARTMENT OF CHEMISTRY
M.Sc.-II Analytical Chemistry (2023-24)

Seminar Topic

Subject: Electrochemical and Thermogravimetric Methods of Chemical Analysis (CHA-390)

Date: 03/10/2023

Time: 12:00 p.m. to 2:00 p.m.

Sr.No.	Roll.No.	Name of Student	Topic	Sign
1	9251	Hinge Vaishnavi Navnath	Polarography	
2	9252	Ichake Rutuja Shivaji	Types of microelectrodes	
3	9253	Jadhav Pratiksha Rajendra	Polarogram and polarographic currents	
4	9254	Jadhav Rutuja Vilas	Thermal Methods of Analysis	
5	9255	Jadhav Vidya Bharat	Thermogravimetry	
6	9256	Purwant Jagruti Vinod	Differential Thermal Analysis	
7	9257	Bangar Komalrani Kisan	Differential Scanning Calorimetry	




Head

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

Role Play Lecture No.:

Notice

Date:- 4/04/2024

All the students of T.Y.B.Com. are hereby informed that Video lecture will be conducted on 06/4/24 at 8.00 in Hall No. C-4
Topic/Subject(s) for ~~V.L.~~ Lecture:

Role play

SAARC Role & Function

Schedule for Role Play Lecture No. _____

Roll No.	Name of Student	Activity Allotted	Remark
3447	Shelar Neha Popat	Role Play SAARC	

Name and Signature of the Teacher

Signature Head of Department
Department Of Economics
K. M. College, Manchar

Role Play Lecture

Attendance Sheet

Class:

TYBCOM - C

Name of Subject/Paper:

Indian & Global Economic Development II

Date and Time:

06/04/2024, 8:00

Roll No.	Name of Student	Signature	Roll No.	Name of Student	Signature
3421	Indore Anpita Shantoram		3424	Indore Gauri Rajendra	
3423	Indore Divya Ramesh		3422	Indore Vaishnavi Sahebrao	
3450	Shewale Pranjali Santosh		3447	Shelar Neha Popat	
3418	Gore Pritee Sanjay		3425	Kale Tanya Santosh	
3477	Chandanshiv Komal Dadabhai		3439	Parekh Sakshi Dilip	
3470	Walunj Pradnya Subhas		3460	Thorat Sai Balshiram	
3471	Walunj Srushti Dnyaneshwar		3436	Nighot Saurabh Sandip	
3465	Udhane Kirti Govind		3419	Gund Sudanshan Shrikant	
3405	Bhandarkar Sakshi Popat		3459	Thorat Prathamesh	
3402	Bankhele Sakshi Manoj			Santosh	
3406	Bhake Pranjal Ramesh		3402	Thorat Shreeram	
3408	Bhor Kalyani Ashok			Sharmad	
3453	Shinde Komal Ganesh		3420	Gurjat Rohit Shorad	
3414	Dhumal Pranjal Sandip		3449	Shewale Harshad Chandrakant	
3444	Pekhar Kar Tejal Kisan		3427	Kanajiya Jitendra Rajendra	
3407	Momin Shifa Javed		3440	Shende Pushkar Sanjay	
3431	Lokhande Neha Dilip				
3451	Thorat Akanksha Hanuman				
3458	Thorat Nikita Santosh				
3426	Kale Sakshi Kisan				
3413	Dhimate Gitanjali Datta				

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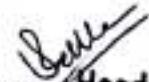
Photograph(s)



A Brief Report / Teacher's Concluding Remarks

दिनांक- 06/04/2024 रोजी सकाळी 8.00 वा T.Y.B.COM च्या विद्यार्थ्यांनी Role Play स्वरूपात या आशेतून करायला आले होते. या स्वरूपात यांनी 12 विद्यार्थी सहभागी आले होते 'SAARC' ची स्थापना आणि उद्दिष्टे या विषयावरून करायला आली T.Y.B.COM च्या 12 विद्यार्थ्यांनी SAARC च्या स्थापने आणि उद्दिष्टांबाबत Role Play करून पयातीत आले याचे सहाय्य सादर करतो.


Signature of the Teacher


Signature of the Head
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DEPARTMENT OF BOTANY AND ZOOLOGY
ANNASAHEB AWATE ARTS, COMMERCE & HUTATMA BABU GENU SCIENCE
COLLEGE, MANCHAR

EXPLORING INNOVATIONS IN LIFE SCIENCES (ExILS 2024)

Editors

Prin. Dr. N. S. Gaikwad

Ms. H. J. Gavit

Mr. A. K. Bhor

Ms. S. A. R. Sayyad

Ms. S. V. Barve



Abstract Book

**One Day International Conference
on**

Exploring Innovations in Life Sciences

Abstract Book

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E-ISBN 978-81-962293-3-7

P-ISBN 978-81-962293-2-0



Rayat Shikshan Sanstha's

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OT. 09

Radar System Using Arduino and Ultrasonic Sensor

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ABSTRACT

A RADAR System can be used for radio ranging and detection, in a variety of contexts, including commercial and military establishments. It employs electromagnetic waves to detect many physical components, such as distance, speed, position, range, direction, size, and so on. These elements may be moving or stationary. Radar system use has advanced significantly, particularly in the navigational domain.

In this paper, we examine current navigational technologies and suggest a radar system built on an Arduino platform. Compared to other radar systems, it has the advantage of a kit that uses less power and can link to a wide range of Arduino programmers and open-source code. The system consists of a servo motor that spins at an angle and a simple ultrasonic sensor mounted on it.

The servo motor and this ultrasonic sensor are both connected to the digital input/output pins of the Arduino board. Using radio waves, radar is an object-detecting tool that may measure an object's height, direction, speed, or range. It is useful for locating aircraft, ships, satellites, guided missiles, automobiles, weather patterns, and the terrain.

Microwave or radio wave pulses are transmitted by the radar dish or antenna and bounce off of objects in their path. A dish or antenna, typically situated at the same location as the transmitter, receives a tiny portion of the wave's energy back from the object. Radar has many different applications nowadays.

These include systems for locating targets for guided missiles, altimetry and flight control, air traffic control, radar astronomy, air defense, and anti-missile defense. They also include ground-penetrating radar for geological observations, meteorological precipitation monitoring, space surveillance and rendezvous systems, aviation systems that prevent collisions and systems that monitor the ocean.

OT. 10

RFID based door lock using Arduino Uno

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ABSTRACT

This project presents the design and implementation of an RFID-based door lock system using Arduino microcontroller technology. The system utilizes RFID tags/cards for user identification and authentication. Upon detecting an RFID tag/card, the system compares its unique identifier against a database of authorized IDs. If a match is found, the system activates a servo motor to unlock the door, granting access to the authorized user. The system offers a convenient and secure means of access control, suitable for residential and commercial applications. Additionally, the project provides insights into hardware interfacing, sensor integration, and software development using Arduino programming. In the fast-paced technological era, traditional door lock methods are being replaced by more efficient and automated systems. One such innovative solution is the RFID-based door lock system implemented with Arduino. Radio-Frequency Identification (RFID) technology offers a seamless and accurate way to secure home /office or our other working area, eliminating manual processes and reducing the likelihood of errors. This project leverages the capabilities of Arduino, a versatile microcontroller, to create a cost effective and reliable security system. RFID tags, attached to identification cards, serve as unique identifiers for individuals. As participants swipe or bring their RFID cards near the RFID reader connected to the Arduino, the system records their automatically. Install the RFID-based door lock system on the intended door or access point, ensuring proper mounting and alignment of components. Evaluate the system's functionality, usability, and reliability in real-world environments. Gather feedback from users and stakeholders to identify areas for improvement and future enhancements.

Keywords: RFID, Arduino Uno

OT. 11

LED Distance Indicator using Microcontroller
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Jayshree B Khilari²

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ABSTRACT

The rapid evolution of Internet of Things (IoT) technology has opened new avenues for enhancing road safety and improving transportation systems worldwide. This abstract presents a ground-breaking project focused on leveraging IoT for the implementation of LED distance indicators, aimed at reducing road accidents and promoting sustainable urban mobility.

Our project integrates ultrasonic sensors and LED indicators into vehicles to provide real-time distance feedback between them. Through IoT networks, this data is wirelessly transmitted to nearby vehicles and infrastructure, enabling drivers to maintain safe following distances and mitigate collision risks. By employing energy-efficient LED technology and optimizing power management for IoT devices, the project emphasizes sustainability and environmental responsibility.

Furthermore, the proposed system offers scalability and adaptability, with the potential for integration into autonomous vehicle systems and smart city initiatives. Beyond immediate safety benefits, the project aims to optimize traffic flow, reduce congestion, and contribute to the development of data-driven transportation solutions.

This abstract invites researchers, engineers, policymakers, and stakeholders to explore the technical aspects, implementation challenges, and societal impacts of IoT-based LED distance indicators. Through collaboration and innovation, we aim to shape the future of road safety and sustainable transportation, creating safer and more efficient cities for all. Join us in advancing the intersection of IoT technology and road safety at this international conference.

Keywords: LED, Arduino Uno, Ultrasonic Sensor, Resistors, Breadboard

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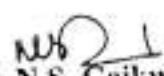
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Prof. Dr. S.N. Bolbhat
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रवात शिक्षण संस्थेचे

अण्णासाहेब आवटे आर्टस्, कॉमर्स अँड हुतात्मा बाबू गेणू सायन्स कॉलेज, मंचर
भूगोल विभाग

भूगोल दिनानिमित्त आयोजित भौगोलिक पोस्टर्स स्पर्धा २०२३-२४
गुणतक्ता- भौगोलिक ज्ञान लेखी परिक्षा, दि.१७/०१/२०२४,

अ.न.	विद्यार्थ्याचे नाव	वर्ग	गुण
१	कुडेकर सपना सिताराम	एफ.वाय.बी.ए	४६
२	वाघमारे प्रशिक संतोष	एफ.वाय.बी.ए	३८
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२१	भालेराव साकेत सदिप	एफ.वाय.बी.ए	२०
२२	कवटे निकिता एकनाथ	एफ.वाय.बी.ए	३०
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२६	तोत्रे उत्तम नंदाराम	एफ.वाय.बी.ए	२६
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अ.न.	विद्यार्थ्याचे नाव	वर्ग	गुण
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३१	दाभाडे निलम बबन	एस.वाय.बी.ए.	३६
३२	मराडे रुपाली निवृत्ती	एस.वाय.बी.ए.	४२
३३	हगवणे मंगेश धावजी	एस.वाय.बी.ए.	५०
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३५	गवारी कोमल शंकर	एस.वाय.बी.ए.	३२
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४३	पिंगळे श्रद्धा कैलास	टी.वाय.बी.ए.	६२
४४	ढोबळे वैष्णवी दिपक	टी.वाय.बी.ए.	३४
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अ.क्र.	स्पर्धकाचे नाव	वर्ग	गुणानुक्रमांक
१	भगत वृषाली गौतम	टी.वाय.बी.ए.	प्रथम
१	पिंगळे श्रद्धा कैलास	टी.वाय.बी.ए.	प्रथम
२	हगवणे मंगेश धावजी	एस.वाय. बी.ए.	द्वितीय
२	तडलगे नंदिनी	एफ.वाय.बी.ए.	द्वितीय
३	गावडे सायली समिर	एफ.वाय.बी.ए.	तृतीय

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Organized on occasion of Geography Day

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3	Gawade Sayali Samir	F.Y.B.A	Gawade
4	Tadlage Nandini Nilesh	F.Y.B.A	Tadlage
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13	Katole Ashwini Balu	F.Y.B.A	Katole
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25	Walase Sanika Salish	F.Y.B.A	Walase
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28	Waghmare Pratiksha Sanjay	F.Y.B.A	P. Waghmare
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30	Katole Pundlik Ashaji	F.Y.B.A	Katole

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38	Bhinde Bhavani Sunilash	T.Y.B.A	B.Bhinde
39	Waje Snehal Ramdas	S.Y.B.A	Waje
40	Dhobale Vaishnavi	T.Y.B.A	Dhobale
41	Dhobale Santoshi	T.Y.B.A	Dhobale
42	Pawar Aniket Shankar	Sy.B.A	Pawar
43	Mudhe Anandajay Dilip	T.Y.B.A	Mudhe
44	Joshi Tushar Nitish	T.Y.B.A	Joshi
45	Satode Manisha Rajendra	T.Y.B.A	Manisha
46	Shelar Sagar Sunil	T.Y.B.A	Shelar
47	Wajale Akash Pravin	T.Y.B.A	Wajale
48	Pingale Bhaddha Kailas	T.Y.B.A	Pingale
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Co-ordinator

**Head
Department of Geography
Annasaheb Awate College,
Manchar, Pune**

रयत शिक्षण संस्थेचे

अण्णासाहेब आवटे आर्ट्स, कॉमर्स ॲन्ड हुतात्मा बाबू गेणू सायन्स कॉलेज, मंचर
भूगोल विभाग

भूगोल दिनानिमित्त आयोजित भौगोलिकज्ञान लेखी परीक्षा २०२३-२४

दिनांक : १७/०१/२०२४

गुण: १००

विद्यार्थ्याचे नाव: -----

वर्ग:

१. पृथ्वीच्या सूर्या भोवती फिरण्यास काय म्हणतात.
अ) परिवलन ब) परिभ्रमण क) दैनिक गती
ड) वैश्विक गती
२. सूर्याच्या सर्वाधिक जवळ कोणता ग्रह आहे.
अ) गुरू ब) शुक्र क) बुध ड) पृथ्वी
३. तेजस्वी ग्रह किंवा उगयता तारा असे कोणत्या ग्रहास म्हटले आहे.
अ) बुध ब) गुरू क) शुक्र ड) शनी
४. हॅलेचा धूमकेतू दर किती वर्षांनी दिसतो.
अ) ५६ ब) ६६ क) ७६ ड) ८६
५. आंतर राष्ट्रीय वारंवेचा कोणत्या रेखावृत्ता वरून जाते.
अ) ० अंश पू./प ब) ९० अंश पू./प क) १८० अंश पू./प ड) ३६० अंश पू./प
६. सातपुडा पर्वतातील सर्वात उंच शिखर कोणते.
अ) धुपगड ब) गुरुशिखर क) कळसुबाई ड) कें २
७. नागरीकरणाच्या वसाहतींचा विकासानुसार क्रम लावा.
१-महानगर, २-नगर, ३-शहर, ४-सत्रगर
अ) २-१-३-४ ब) ३-२-१-४ क) २-३-४-१
ड) २-३-१-४
८. भौगोलिक चक्र सिद्धांताची मांडणी व भूरूपशास्त्राचा पाया कोणी घातला.
अ) जेम्स हटन ब) जेम्स डटन क) डब्ल्यु.एम. डेव्हीस ड) किच
९. भूगर्भात जेथे भूकंपाची निर्मिती होते त्यास काय म्हणतात.
अ) शिरोकेंद्र ब) भूकंपनाभी क) बाह्यकेंद्र
ड) गाभा
१०. पृथ्वीवरील कोणत्या जलाशयाच्या भोवती जमिनीचे केंद्रीकरण झाले आहे.
अ) तांदिती ब) तांबडा समुद्र क) कॅस्पियन समुद्र
ड) अरबी समुद्र
११. भूखंड घट्टन सिद्धांत कोणी मांडला.
अ) वेगनर ब) वेबर क) विल्यम ड) सर जॉन मुरे
१२. पृथ्वीचा सरासरी व्यास सरासराधारण किती आहे.
अ) ८८५० किमी ब) ९९७० किमी क) १२७५४ किमी
ड) ११६०० किमी

१३. पृथ्वीवर सर्वोदकाणी दिवस व रात्रीचे कालमान एकसमान केव्हा असते.
अ) २१ मार्च ब) ३१ जून क) २० ऑगस्ट
ड) २० नोव्हेंबर
१४. जगाच्या इतिहासात क्राकाटोआ हा भयंकर ज्वालामुखी अनेकवेळा व खास करून १८८३ साली उसळला, हे ठिकाण कोठे आहे.
अ) मलेशिया ब) टोंगा क) श्रीलंका ड) इंडोनेशिया
१५. समुद्राच्या पाण्याची सरासरी क्षारता किती असते.
अ) ३५ ब) ४० क) ४५ ड) ५०
१६. खालील पैकी कोणता दक्षिण अटलांटिक समुद्र प्रवाह आहे.
अ) बॅंग्गेल ब) लॅब्राडोर क) कॅनरी ड) क्युराशिओ
१७. उष्णोष्ण (थर्मोक्लिमेट) स्तराचे दुसरे नाव काय.
अ) युंथक्लीव क्षेत्र ब) अँफोक्लिमेट क) क्रायोक्लिमेट
ड) आयनोक्लिमेट
१८. खालील पैकी कोणते वाळवंट आफ्रिकेत नाही.
अ) नामोब ब) गोबी क) सहारा
ड) कलहरी
१९. कोणत्या दोन नद्या सहारा वाळवंटातून जातात.
अ) नाईल व नायझेर ब) नायझेर व कांगो
क) नाईल व ब्रांबेझी ड) नाईल व गंगा
२०. महासागराची सरासरी खोली किती आहे.
अ) २६१० मिटर ब) ३७३० मिटर क) ४८४० मिटर
ड) ५६२० मिटर
२१. ज्या भागात विमाने व जहाजे गुढरीत्या नाहीशी होतात, तो बर्म्युडा ट्रेंगल हा प्रदेश कोणत्या महासागरात आहे.
अ) उत्तर प्रशांत ब) दक्षिण प्रशांत क) उत्तर अटलांटिक
ड) दक्षिण अटलांटिक
२२. ग्रेट सॉल्ट लेक हे सरोवर कोठे आहे.
अ) अमेरिका ब) स्वित्झर्लंड क) फिनलंड
ड) ऑस्ट्रेलिया
२३. ब्रम्हपुत्रा नदीचा उगम कोठे होतो.
अ) मानस सरोवर ब) कैलास क) लिङ्गय खोरे
ड) नेपाळ


विभाग प्रमुख
भूगोल विभाग

अण्णासाहेब आवटे कॉलेज,
मंचर, ता. जांभेगाव, जि. पणे.

रयत शिक्षण संस्थेचे
अण्णासाहेब आवटे आर्टस्, कॉमर्स अँड हुतात्मा बाबू गेणू सायन्स कॉलेज, मचंर
भूगोल विभाग
भूगोल दिनानिमित्त आयोजित भौगोलिकज्ञान लेखी परीक्षा २०२३-२४

दिनांक : १७/०१/२०२४

गुण: १००

विद्यार्थ्याचे नाव:

वर्ग:

- | | | | | |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 1 A B C D
○ ○ ○ ○ ○ | 11 A B C D
○ ○ ○ ○ ○ | 21 A B C D
○ ○ ○ ○ ○ | 31 A B C D
○ ○ ○ ○ ○ | 41 A B C D
○ ○ ○ ○ ○ |
| 2 ○ ○ ○ ○ ○ | 12 ○ ○ ○ ○ ○ | 22 ○ ○ ○ ○ ○ | 32 ○ ○ ○ ○ ○ | 42 ○ ○ ○ ○ ○ |
| 3 ○ ○ ○ ○ ○ | 13 ○ ○ ○ ○ ○ | 23 ○ ○ ○ ○ ○ | 33 ○ ○ ○ ○ ○ | 43 ○ ○ ○ ○ ○ |
| 4 ○ ○ ○ ○ ○ | 14 ○ ○ ○ ○ ○ | 24 ○ ○ ○ ○ ○ | 34 ○ ○ ○ ○ ○ | 44 ○ ○ ○ ○ ○ |
| 5 ○ ○ ○ ○ ○ | 15 ○ ○ ○ ○ ○ | 25 ○ ○ ○ ○ ○ | 35 ○ ○ ○ ○ ○ | 45 ○ ○ ○ ○ ○ |
| 6 ○ ○ ○ ○ ○ | 16 ○ ○ ○ ○ ○ | 26 ○ ○ ○ ○ ○ | 36 ○ ○ ○ ○ ○ | 46 ○ ○ ○ ○ ○ |
| 7 ○ ○ ○ ○ ○ | 17 ○ ○ ○ ○ ○ | 27 ○ ○ ○ ○ ○ | 37 ○ ○ ○ ○ ○ | 47 ○ ○ ○ ○ ○ |
| 8 ○ ○ ○ ○ ○ | 18 ○ ○ ○ ○ ○ | 28 ○ ○ ○ ○ ○ | 38 ○ ○ ○ ○ ○ | 48 ○ ○ ○ ○ ○ |
| 9 ○ ○ ○ ○ ○ | 19 ○ ○ ○ ○ ○ | 29 ○ ○ ○ ○ ○ | 39 ○ ○ ○ ○ ○ | 49 ○ ○ ○ ○ ○ |
| 10 ○ ○ ○ ○ ○ | 20 ○ ○ ○ ○ ○ | 30 ○ ○ ○ ○ ○ | 40 ○ ○ ○ ○ ○ | 50 ○ ○ ○ ○ ○ |

(Signature)

विभाग प्रमुख

भूगोल विभाग

अण्णासाहेब आवटे कॉलेज,

मचंर, ता. अहमदनगर, जि. पुणे

Rayat Shikshan Sanstha's

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

Department of Geography- 2023-24

Various Activities has taken on the occasion of Geography Day

1. Geographical General Knowledge Exam



Name of Activity	Date	Beneficiaries
Geographical General Knowledge Exam	17/01/2024	51

अण्णासाहेब आवटे आर्टस्, कॉमर्स अँड हुतात्मा बाबू गेणू सायन्स कॉलेज, मंचर
भूगोल विभाग

दि. २०/१/२०२३, वेळ : सकाळी ०९ वा

भौगोलिक फेरी क्र.	भौगोलिक फेरीचे नाव	गुण								
		प्रश्नमंजुषा संघ-बी.ए.१			प्रश्नमंजुषा संघ-बी.ए.२			प्रश्नमंजुषा संघ- बी.ए.३		
		नवीन प्रश्न गुण	योनस प्रश्न गुण	एकुण गुण	नवीन प्रश्न गुण	योनस प्रश्न गुण	एकुण गुण	नवीन प्रश्न गुण	योनस प्रश्न गुण	एकुण गुण
१	प्रकृतिक भूगोल प्रश्न १ प्रश्न २									
		५	५	१०	५	-	५	०	-	०
		५	५	१०	५	-	५	०	-	०
२	मानवी भूगोल प्रश्न १ प्रश्न २									
		५	-	५	०	-		५	५	१०
		५	-	५	५	-	५	५	-	५
३	महाराष्ट्राचा भूगोल प्रश्न १ प्रश्न २									
		५	५	१०	५	-	५	०	-	०
		०		०	०	५	५	५	५	१०
४	भारताचा भूगोल प्रश्न १ प्रश्न २									
		५		५	५	-	५	५	-	५
		५	५	१०	०	-	०	०	-	०
५	जगाचा भूगोल प्रश्न १ प्रश्न २									
		५	५	१०	०	-	०	०	-	०
		०	०	०	०	५	०	०	-	०
६	भौगोलिक चालुघडामोडी प्रश्न १									
		५	०	५	५	५	१०	०	०	०
७	बझार राऊंड फेरी प्रश्न १ प्रश्न २ प्रश्न ३ प्रश्न ४ एकुण गुण									
		-५	-	-५	-	-	-	-	-	-
		-५	-	-५	-	-	-	-	-	-
		-	-	-	५	-	+५	५	-	-
		५	-	५	५	-	४०५	-	-	-
		-	-	-	-	-	५	-	-	०५

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परीक्षकाची स्वाक्षरी

विभागप्रमुख

भूगोल विभाग

अण्णासाहेब आवटे कॉलेज, मंचर




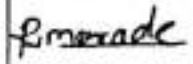
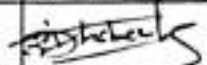
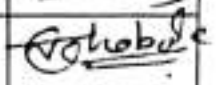
दयाल शिक्षण संस्थाने

अण्णासाहेब आवटे आर्ट्स, कॉमर्स अँड हुतात्मा बाबू गेणू सायन्स कॉलेज, मंचर
भूगोल विभाग

भूगोल दिनानिमित्त आयोजित भौगोलिक प्रश्नमंजुषा स्पर्धा २०२३-२४

दि.२०/१/२०२३, वेळ : सकाळी ०९ वा

सहभागी विद्यार्थी यादी

प्रश्नमंजुषा संघ	सहभागी विद्यार्थी	सही
प्रश्नमंजुषा संघ-बी.ए.१	डॉ. सुखन भंतोष	
	भालेराव विराळा शंकर	u.s. bhalerao
प्रश्नमंजुषा संघ-बी.ए. 2	महोडे रुपांजी निवृत्ती	
	अरे पल्लवी म।शिव	Ballej
प्रश्नमंजुषा संघ-बी.ए. 3	ढोबळे बांतोषी दिपक	
	ढोबळे वैष्णवी दिपक	




Co-Ordinator


विभागप्रमुख
भूगोल विभाग
अण्णासाहेब आवटे कॉलेज, मंचर

2. Quiz Competition



Name of Activity	Date	Beneficiaries
Quiz Competition	20/01/2024	06

B.Voc (Accounting And Taxation) 2023-24
Presentation



B.Voc (Accounting And Taxation) 2023-24
Group Discussion



Student's Seminar

REPORT

Title : Seminar by Students
Organizers : Department of Mathematics
Date : 05/09/2023
Venue : Mathematics Computer Lab, Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar

INTRODUCTION:

Seminars are often led by one or two presenters who guide the conversation. They can be a valuable part of a student's life, helping them to: Stay current with events, Understand concepts, Build their network, Expand their knowledge, and Learn about technological advancements. Most of the young graduates lack the confidence and fluency while interacting verbally. Coming either from rural or sub-urban background, many students hold good academic record and industrial skills but lack behind while expressing themselves. This small yet major drawback often hinders the achievements of students while campus placements. Speaking about a researched topic in seminars and workshops before a gathered audience boosts the confidence of the students preparing them precisely for interviews and group discussions. Supporting this initiative, Department of Mathematics, Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar organized seminar of S.Y.B.Sc. students.

KEY OBJECTIVES:

1. Proficiency in Verbal Communication
2. Acquirement of Knowledge in a Particular Field
3. Encouragement and motivation

PROGRAM OVERVIEW:

Department of Mathematics , Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar conducted Student's seminar on 05/09/2023.

Sr.No.	Name	Topic
1	SHINDE AISHWARYA BHARAT	Bisection method
2	THORAT AJAY NAVNATH	Level curve
3	DHARADE VAISHALI SANTOSH	Partial differentiation
4	GAIKWAD TEJAL DATTATRAY	Newton's method
5	ABHANG PRASAD DILIP	Interpolation
6	KAROTE PALLAVI SUBHASH	Euler's method
7	GAWARI KISHORI TULASHIRAM	Chain rule
8	ABHANG SAYALI SACHIN	Differentiation







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

DEPARTMENT OF MATHEMATICS


Student Seminar

Class : S.Y.B.Sc

Date:-05/09/2023

Attendance

Sr.No.	Student Name	Sign
1)	Ghule Somesh Nilesh	Ghule
2)	shinde Ashwarya pharut	shinde
3)	Dhengale Karishma Lalchand	Kans...
4)	Dharade vaishali Santosh	Dharade
5)	Thorat Shradddha Bhaguji	Thorat
6)	Ranpise Siddhi Santosh	Siddhi
7)	Abhang Sayali Sachin	Abhang
8)	Korote Pullari subhash	Pullari
9)	chikhale shweta Tukaram	Chikhale
10)	Lohakare Pooja Kantaram	Pooja
11)	Lohakare pooja Kantaram	Pooja


Subject Teacher
 shete R.K



 Head
 Department of Mathematics

Rayat Shikshan Sanstha's
Annasaheb Awate College, Manchar
Department of Mathematics
S.Y.Bsc Sem I
Seminar by students (5 marks)

Date:- 05/09/2023

Sr. No.	Name	Assessment					Total (5)
		content	Knowledge of subject	Communication skill	Eye contact	Ability to respond to questions	
1	SHINDE AISHWARYA BHARAT	1	1	1	1	0	4
2	THORAT AJAY NAVNATH	1	1	1	1	1	5
3	DHARADE VAISHALI SANTOSH	1	1	0	0	1	3
4	GAIKWAD TEJAL DATTATRAY	1	1	1	1	0	4
5	ABHANG PRASAD DILIP	1	1	0	0	1	3
6	KAROTE PALLAVI SUBHASH	1	1	0	0	1	3
7	GAWARI KISHORI TULASHIRAM	1	1	1	1	1	5
8	ABHANG SAYALI SACHIN	1	1	1	1	0	4

subject teacher

Mr. shete R.K. = 


Head

Department of Mathematics.

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar
Department of Physics
Astronomy Camp for School Students Report: May, 2024

Date: 14th, 15th & 16th May, 2024

Venue: Karmaveer Auditorium

Number of beneficiary : 30 students

Class: 8th to 10th students

Program Co-ordinator: Dr. Mahakal S.C.

Introduction:

The astronomy camp for school students was organized with the aim of fostering interest and curiosity in the field of astronomy among young minds. The camp took place from 14th to 16th May, 2024 at Karmaveer Auditorium, and it was a collaborative effort between **Inter University Centre for Astronomy and Astrophysics(IUCAA)** and Department of Physics, Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar.

Objectives:

1. To introduce students to the basics of astronomy and space science.
2. To provide hands-on experience with telescopes and observation tools.
3. To engage students in interactive learning activities and workshops.
4. To inspire students to consider careers in STEM fields, particularly in astronomy and space exploration.

Activities:

Lectures and Workshops: Expert astronomers and educators delivered engaging lectures on various topics such as the solar system, galaxies, constellations, and the history of astronomy. Interactive workshops allowed students to participate in experiments and demonstrations.

Observation Sessions: Students had the opportunity to observe celestial objects through telescopes during both day and night. They learned about star patterns, planets, and other astronomical phenomena.

Hands-on Projects: Students worked on group projects such as

1. Finding the Diameter of Mustard seeds.
2. Measuring Dimensions of a Tall object using Trigonometry.
3. Finding the Diameter-Distance ratio of the Sun with a pin-hole image.

Guest Speakers: Renowned astronomers and space scientists were invited to share their experiences and insights with the students, inspiring them with stories of exploration and discovery.

Outcome:

The astronomy camp was a resounding success, as evidenced by the enthusiastic participation and positive feedback from the students. Many students expressed a newfound interest in astronomy and related fields, with some even considering pursuing careers in space science. The camp not only imparted knowledge but also instilled a sense of wonder and curiosity about the universe in the young participants.

Conclusion:

The astronomy camp for school students served as a valuable educational experience, igniting a passion for astronomy and space exploration in the hearts of the next generation of scientists. It successfully achieved its objectives of inspiring students, providing hands-on learning opportunities, and fostering a deeper understanding of the cosmos. Such initiatives are crucial in nurturing the scientific curiosity and potential of young minds, and we look forward to organizing more such camps in the future.

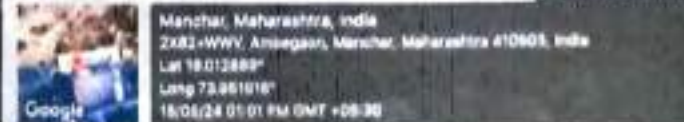
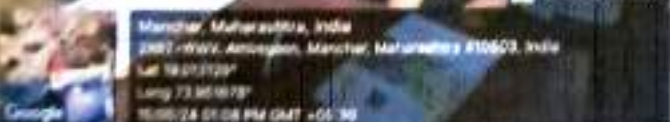
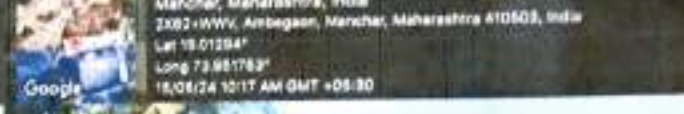
Geotagged Photos:

INTER-UNIVERSITY CENTRE FOR ASTRONOMY AND ASTROPHYSICS
An autonomous institution of the University Grants Commission

Organised
Astronomy Camp 2024 for School Students
(May 14, 15 and 16, 2024)

In association with
Bhaskar Shikshan Sanstha's
Annasaheb Awarde Arts, Commerce & Science College
Hutatma Babu Genu Science College
Manchar.

Faculty:
Sandeep Dhumde, Rupesh Lohare, Tushar Purohit, Prasad Adekar, Mahendra Mate, Nilesh Pokharne, Dr. H.S. Gekwad
Department of Physics



Realia m
Head
Department of Physics
A.A. College, Manchar

Rayat Shikshan Sanstha's
Annasaheb Awate College Manchar

(14)

Assignment : Algebra

F.Y.B.Sc(2023-24)

Roll No	Student Name	Date	Sign
4001	BAHIRAM AVINASH RATILAL	31-10-23	<u>Pekari</u>
4002	BANKHELE ADESH MANGESH		
4004	BORHADE TANMAY JAGANNATH	31-10-23	<u>Borade</u>
4005	CHASKAR DNYANESHWARI SANDIP	31-10-23	<u>Dnyaneshwari</u>
4011	PEKARI ROHIT DHONDU		
4013	SHAIKH SOHEL KHAJABHAI	31-10-23	<u>Sohel</u>
4016	VADEKAR SHREYASH GANESH	31-10-23	<u>Vadekar</u>
4017	WABLE SAKSHI SUNIL	31-10-23	<u>Wable</u>
4019	KALE KALYANI VIKAS	31-10-23	<u>Kalyani</u>
4096	SHINDE PRATIKSHA DIPAK	31-10-23	
4015	HILE AMRUTA SANJEEVKUMAR	31-10-23	<u>Amruti</u>
4021	SABLE NISHA DATTATRAY		
	Kanaskar Sneha Pralhad		
	shinde sarvesh devidas		

26/10/23

Mr. Bhalke S.D.
Subject teacher

Wadekar
Head

Department of Mathematics

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

DEPARTMENT OF MATHEMATICS
Assignment: Calculus of Several Variable

Class : S.Y.B.Sc

Academic Year:2023-24

Roll No	Student Name	Date	Sign
4240	CHASKAR ATHARV ANIL	31-10-2023	Atharv
4241	CHIKHALE SHWETA TUKARAM	31/10/23	Chikhale
4242	GAIKWAD TEJAL DATTATRAY	31/10/23	Gaikwad
4243	KAROTE PALLAVI SUBHASH	31/10/23	karote
4244	SHINDE AISHWARYA BHARAT	31/10/2023	Shinde
4245	THORAT AJAY NAVNATH	31-10-2023	Thorat
4246	ABHANG PRASAD DILIP	31/10/23	Ghule
4247	ABHANG SAYALI SACHIN	31-10-2023	Abhang
4248	BHALERAO VEDANT PRAKASH	31/10/23	Bhalerao
4249	DHARADE VAISHALI SANTOSH	31/10/23	Dharade
4250	DHENGALE KARISHMA LALCHAND	31/10/23	Dhengale
4251	GADHAVE ATHARV SOMNATH	31-10-23	Gadhave
4252	GAWARI KISHORI TULASHIRAM	31/10/23	Gawari
4253	GHULE SOMESH NILESH	31/10/23	Ghule
4254	HULE ASHWINI ANIL	31/10/23	Hule
4255	LOHATE DIPALI SANTOSH	31/10/23	Lohate
4256	NIGHOT GAURI SAMBHAJI	31/10/23	Gauri
4257	THORAT PRANAV BALU		
4258	THORAT SHRADDHA BHAGUJI	31/10/23	Thorat
4259	LOHAKARE POOJA KANTARAM	31/10/23	Lohakare
4260	LOHAKARE PRIYA KANTARAM	31/10/2023	Lohakare
4261	BHAWARI ADINATH SANTOSH		
4263	RANPISE SIDDHI SANTOSH	31/10/23	Ranpise

Mr. Shete R.K.
 Subject Teacher

Head
 Department of Mathematics

Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce and Htatatma Bahu Genu Science College Manchur,
Tal. Ambegaon, Dist Pune

DEPARTMENT OF MATHEMATICS

Assignment: Numerical Methods and its Applications

(S. Y. B.Sc)(2023-24)

Roll No	Student Name	I	II
4240	CHASKAR ATHARV ANIL	Chaskar	Chaskar
4241	CHIKHALE SHWETA TUKARAM	Chikhale	Chikhale
4242	GAIKWAD TEJAL DATTATRAY	Gaikwad	Gaikwad
4243	KAROTE PALLAVI SUBHASH	karoti	karoti
4244	SHINDE AISHWARYA BHARAT	Aishu	Aishu
4245	THORAT AJAY NAVNATH	Thorat	Thorat
4246	ABHANG PRASAD DILIP	Abhang	Abhang
4247	ABHANG SAYALI SACHIN	Abhang	Abhang
4248	BHALERAO VEDANT PRAKASH	Bhalerao	Bhalerao
4249	DHARADE VAISHALI SANTOSH	Dharade	Dharade
4250	DHENGALE KARISHMA LALCHAND	Dhengale	Dhengale
4251	GADHAVE ATHARV SOMNATH	Gadhave	Gadhave
4252	GAWARI KJSHORI TULASHIRAM	Gawari	Gawari
4253	GHULE SOMESH NILESH	Ghule	Ghule
4254	HULE ASHWINI ANIL	Hule	Hule
4255	LOHATE DIPALI SANTOSH	Lohate	Lohate
4256	NIGHOT GAURI SAMBHAJI	Nighot	Nighot
4257	THORAT PRANAV BALU		
4258	THORAT SHRADDHA BHAGUJI	Thorat	Thorat
4259	LOHAKARE POOJA KANTARAM	Lohakare	Lohakare
4260	LOHAKARE PRIYA KANTARAM	Lohakare	Lohakare
4261	BHAWARI ADINATH SANTOSH	Bhawari	Bhawari
4263	KANPISE SIDDHI SANTOSH	Kanpise	Kanpise

Mr. Rokade M D
Subject teacher

Head
Department of Mathematics

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College, Manchar
DEPARTMENT OF CHEMISTRY
T. Y. B. Sc. 2023-24

List of Students for College Level Avishkar Competition
29th February 2024

Sr. No.	Roll No.	Name of the Student	Topic
1	4407	Bagal Nikita Mahesh	Acid Rain Model
2	4408	Bagal Tejaswini Tanhaji	Acid and Alkali
3	4409	Bangar Sayali Sunil	Medicinal Awareness
4	4410	Chavan Priya Vijay	Free Energy Model
5	4411	Chikhale Pranali Pravin	Recovery of Methyl Acetate from Biproduct Methanol
6	4412	Chikhale Shubhangi Balasaheb	Agriculture and Animal Husbandry
7	4413	Dhumal Siddhesh Sharad	Eutrophication
8	4414	Gaikwad Sushant Sunil	Save Ozone Layer
9	4415	Gavari Pritesh Rangnath	De Broglie Hypothesis
10	4416	Gengaje Vinay Vijay	Eutrophication
11	4417	Gunjal Chetan Baban	Nuclear Fuels
12	4418	Hinge Ashwini Navnath	Recovery of Methyl Acetate from Biproduct Methanol
13	4419	Hinge Sakshi Manik	Acid Rain Model
14	4420	Hinge Shweta Narayan	Free Energy Model
15	4421	Karale Gayatri Dattatray	Save Ozone Layer
16	4422	Netake Nikita Dashrath	Medicinal Awareness
17	4423	Nighot Om Vasant	De Broglie Hypothesis
18	4424	Sarode Prathamesh Ramdas	De Broglie Hypothesis
19	4425	Shinde Tanuja Jaysing	Mixture Separation
20	4426	Shirke Dhanashri Sunil	Ozone of Depletion
21	4427	Sukre Sahil Babaji	Eutrophication
22	4428	Udhane Jayshri Ramdas	Agriculture and Animal Husbandry
23	4429	Unde Nikita Rajendra	Ozone of Depletion
24	4430	Varpe Dhanashree Santosh	Acid and Alkali
25	4431	Yewle Riya Chandrakant	Mixture Separation
26	4446	Jadhav Aditya Bharat	Importance of Chemical Industry
27	4447	Nighot Shubham Dasharath	Nuclear Fuels

In-charge Teacher: Dr. Arun K. Valvi



Head of Department: Dr. A. A. Kale
Department of Chemistry
A. A. College, Manchar,
at Ambegaon Dist. Pune

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



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



**CHEMIAD - 2024**

NAME OF THE COLLEGE:	Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College Manchar			CN-048
COMPLETE POSTAL ADDRESS:	At/Post- Manchar, Taluka- Ambegaon Dist- Pune 410503			
TEACHER INCHARGE - 1	FULL NAME: Dr. Ramesh Balasaheb Gawade		EMAIL: rameshgawade17@gmail.com	MOB: 9960521618
TEACHER INCHARGE - 2	FULL NAME: Mrs. Reshma Sachin Pawar		EMAIL: reshmapawar2905@gmail.com	MOB: 9594637730
TOTAL STUDENTS REGISTERED	ENROLLED STUDENTS	PRESENT STUDENTS	ABSENT STUDENTS	AUTHORITY SIGNATURES (TO BE SIGNED AT THE TIME OF EXAM)
	32			



Rayat Shikshan Sanstha's
**Annasaheb Awate Arts, Commerce & Hutatama Babu Genu Science
College, Manchar, Tal-Ambegaon, Dist.-Pune.**

Department of Chemistry
Chemiad Examination 2023-24

Notice

Date: 24th Feb. 2024

All the F. Y. B. Sc. Students are hereby informed that Savitribai Phule Pune University Pune has scheduled the Chemiad Examination on 25th Feb. 2024, time 02.00 to 4.00 pm at Annasaheb Awate College Manchar, Pune. All students must be present 30 min. before for the commencement of the examination with a black pen and pencil for writing and making a circle dark on the OMR sheet.




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

CHEMIAD COMPETITION 2024, Date Sunday the 25TH Feb 2024, Time 2 to 4 pm



CHEMIAD 2024 exam conducted at Annasaheb Awate College, Manchar on 25/02/2024



"Education through self-help is our motto." – Karmaveer

Rayat Shikshan Sanstha's


**Annasaheb Awate Arts, Commerce,
Hutatma Babu Genu Science College,
Manchar, Tal-Ambegaon, Dist- Pune (Maharashtra)**




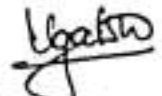
Department of Geography

CERTIFICATE

This is to certify that Mr./Miss. Vaishnavi Deepak Dhobale has satisfactory carried out the required practical work/excursion prescribed by the Savitribai Phule Pune University for the Semester- III / IV, S.Y.B.A. / T.Y.B.A. Geography and this journal represents his/her work in academic year 2023-24.


Prof. In-charge


Examiner
16/04/2024


Head

આનુક્રમણિકા

પ.ક	પ્રકરણ ન હાલકાચે નાવ	દિનાંક	સાહી
	ઔદ્યોગિક માહિતીયે વિશ્લેષણ		
1	<p>કા. સાંદ્યાશાસ્ત્રાતીલ મુલમુત સંકલ્પના</p> <p>ત. ઔદ્યોગિક માહિતીયે વિશ્લેષણ</p> <ol style="list-style-type: none"> 1) તાલ્યાચ્યા છુના 2) વારંવારતા આરણી તયાર કરો 3) સ્તંભાલેખ 4) વારંવારતા બહુમૂજાકૃતી 5) સંકલિત વારંવારતા વક્ર કાટો. 		Yogesh
2	<p>કેંદ્રિય પ્રવૃત્તીયી પરિમાણે</p> <p>કા. કેંદ્રિય પ્રવૃત્તીયી પરિમાણે</p> <ol style="list-style-type: none"> 1) સારાસરી <ul style="list-style-type: none"> - કાવર્ગીકૃત આરણીસાહી સારાસરી કાટો - વર્ગીકૃત આરણીસાહી સારાસરી કાટો. 2) માદ્યગા <ul style="list-style-type: none"> - કાવર્ગીકૃત આરણી માદ્યગા કાટો - વર્ગીકૃત આરણીસાહી બહુલક માદ્યગા કાટો 3) બહુલક <ul style="list-style-type: none"> - કાવર્ગીકૃત આરણીસાહી બહુલક કાટો. 		Yogesh

- वर्गीकृत कारणीसाठी बहुलक काढणे

Ugalsw

चाचण्या आणि वृत्तीतके

1) कारसंबंध - व्याख्या व संकल्पना

2) परिमाणात्मक व परिमाणरहित -
चाचणी

कार्य - वर्ग चाचणी

3) कारसंबंध

- जेणी आंतरास्पिकारमन
पद्धती

- कारसंबंधाचे प्रकार

- कारसंबंधाचे प्रकार किंवा
स्पष्टीकरण

Ugalsw

3) बहुलक (mode)

1) सरासरी (Average / mean)

सरासरी हे एक केंद्रीय प्रवृत्तीचे परिमाण आहे. यालाच 'माध्यमान' असे म्हणतात.

सर्व निरीक्षण मूल्यांची बेरीज करून आपण त्या बेरीजेला एकूण संख्येने भागतो, येणारा भागाकार म्हणजेच 'सरासरी' होय. जेव्हा निरीक्षणमूल्य संख्येने जास्त असतील, तेव्हा वेगवेगळ्या पद्धती या वापर केला जातो. मोठ्या प्रमाणात उपलब्ध असलेल्या सामग्रीचे वर्गीकरण करून त्याचे वितरण मांडले जाते. सामग्री वर्गीकृत व अवर्गीकृत अशा दोन स्वरूपात विचारात घेतली जाते.

* अवर्गीकृत आकडेवारीसाठी सरासरी काढणे (Calculation of average for Discrete Data):

$$\text{सरासरी} = \bar{x} = \frac{\sum fx}{\sum f}$$

म्हणजेच, \bar{x} = सरासरी

$\sum fx$ = वारंवारता (f) आणि श्रेणी (x) यांच्या गुणाकाराची बेरीज

$\sum f$ = वारंवारतेची बेरीज

उदाहरणे :

DATE:

- 1) खालील आवर्गकृत आंकड्यांची आकडेवारी भारतीय स्थलनिर्देशक नकाशावरून काढलेली आहे. या माहितीमध्ये नकाशातील व्हावीक अक्षीयरील ठिकाणे दिली आहेत. त्यावरून सरासरी काढा.

स्थल अक्षांक (गिडगमध्ये) (x)	अक्षीयरी ठिकाणे (f)	fx
100	2	$100 \times 2 = 200$
150	5	$150 \times 5 = 750$
200	8	$200 \times 8 = 1600$
250	12	$250 \times 12 = 3000$
300	15	$300 \times 15 = 4500$
350	09	$350 \times 9 = 3150$
400	07	$400 \times 7 = 2800$
450	05	$450 \times 5 = 2250$
500	02	$500 \times 2 = 1000$
	$\Sigma f = 65$	$\Sigma fx = 19250$

$$\text{सूत्र, } \bar{x} = \frac{\Sigma fx}{\Sigma f}$$

$$\text{येथे, } \Sigma fx = 19250$$

$$\Sigma f = 65$$

$$\therefore \bar{x} = \frac{19250}{65}$$

$$\therefore \bar{x} = 295.15$$

\therefore भारतीय स्थलनिर्देशक नकाशातील ठिकाणांची

28.78 चतुर्की आहे.

- * वर्गीकृत आकडेवारीसाठी सरासरी / मध्यमान -
काढणे : (calculation mean / average For -
prove data)

$$\text{सूत्र, } \bar{x} = \frac{\sum fcm}{\sum f}$$

म्हणजेच, \bar{x} = सरासरी
 $\sum fcm$ = वारंवारता आणि वर्गमध्य
 यांच्या गुणाकारांची बेरीज
 $\sum f$ = वारंवारतेची बेरीज

- 1) खालील वर्गीकृत सांख्यिकी आकडेवारी मुका
 कंपनीत काम करणाऱ्या कामगारांच्या मासिक
 वेतनाची आहे. त्या आधारे मासिकवेतनाची
 सरासरी काढा.

वेतन (रु.एज) मध्ये (x)	कामगारांची संख्या (F)	वर्गमध्य (class mid cm)	Fcm
10-20	8	15	8 × 15 = 120
20-30	13	25	13 × 25 = 325
30-40	18	35	18 × 35 = 630
40-50	24	45	24 × 45 = 1,080
50-60	10	55	10 × 55 = 550
60-70	7	65	7 × 65 = 455
70-80	5	75	5 × 75 = 375
	$\sum f = 85$		$\sum fcm = 3535$

**Rayat Shikshan Sanstha's
Annasahab Awate Arts, Commerce & Hutatma Bahu Genu Science College,
Manchar**

Department of BBA-CA

**Problem Solving Methods
Academic Year 2023-24**

-
- 1) Write a menu driven program using 'C' for singly linked list-
 - To create linked list.
 - To display linked list
 - To search node in linked list.
 - Insert at last position
 - 2) Using AngularJS Create a SPA that show History of some(4-8) Historical Places .
 - 3) Write a script in R to create two vectors of different lengths and give these vectors as input to array and print addition and subtraction of those matrices.



Class T.Y.B.Sc.

Subject Code -- PH-156 (B)

Paper: Materials Science

Subject Teacher - Prof. Lende K.B.

Sl. No.	Roll No.	Students Name	A-I 04/08/2023	A-II 18/08/2023	A-III 29/09/2023	Signature 18/08/2023
1	4479	Agarkar Pallavi Bhagwat	<i>Pallavi</i>	<i>Pallavi</i>	<i>Pallavi</i>	<i>Pallavi</i>
2	4480	Chavhan Pooja Gopal	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>
3	4481	Deved Harshada Dnyaneshwar	<i>Harshada</i>	<i>Harshada</i>	<i>Harshada</i>	<i>Harshada</i>
4	4482	Kedari Akshaya Houshikar	<i>Akshaya</i>	<i>Akshaya</i>	<i>Akshaya</i>	<i>Akshaya</i>
5	4483	Kharde Manisha Manojkumar	<i>Manisha</i>	<i>Manisha</i>	<i>Manisha</i>	<i>Manisha</i>
6	4484	Lokhande Pratiksha Raghu	<i>Pratiksha</i>	<i>Pratiksha</i>	<i>Pratiksha</i>	<i>Pratiksha</i>
7	4485	Padwal Nikita Balasaheb	<i>Nikita</i>	<i>Nikita</i>	<i>Nikita</i>	<i>Nikita</i>
8	4486	Shinde Chaitan Sanjay	<i>Chaitan</i>	<i>Chaitan</i>	<i>Chaitan</i>	<i>Chaitan</i>

Rajendra
 Prof.
 04/08/2023
 Ambegaon



Roll Number	Students Name	Assignment 1 15/08/23	Assignment 2 26/08/23
4053	Bhande Pratiksha	<i>Bhande</i>	<i>Bhande</i>
4058	Pranali Satishram Damde	<i>Pranali</i>	<i>Pranali</i>
4119	Bhair Saniya Jitindas	<i>Bhair</i>	<i>Bhair</i>
4107	Thakur Sanatosh Sharan	<i>Thakur</i>	<i>Thakur</i>
4120	Chandekar Bhavna	<i>Chandekar</i>	<i>Chandekar</i>
4102	Tayade Neha Raju	<i>Tayade</i>	<i>Tayade</i>
4106	Thakur Pooja Sandip	<i>Thakur</i>	<i>Thakur</i>
	Thakur Bhavika Gopal	<i>Thakur</i>	<i>Thakur</i>
4104	Thakur Pooja Dnyaneshwar	<i>Thakur</i>	<i>Thakur</i>
4118	Wadekar Pratiksha Sanjay	<i>Wadekar</i>	<i>Wadekar</i>
4076	Singh Indira Dnyaneshwar	<i>Singh</i>	<i>Singh</i>
4075	Patil Anurag Raju Manojkumar	<i>Patil</i>	<i>Patil</i>
4071	Inamdar Anurag Manojkumar	<i>Inamdar</i>	<i>Inamdar</i>
4063	Gadgil Pooja Bhavikar	<i>Gadgil</i>	<i>Gadgil</i>
4066	Gadgil Anurag Gopal	<i>Gadgil</i>	<i>Gadgil</i>
4067	Gadgil Anurag Gopal	<i>Gadgil</i>	<i>Gadgil</i>
4065	Gadgil Anurag Gopal	<i>Gadgil</i>	<i>Gadgil</i>

Rajendra
 Prof.
 04/08/2023
 Ambegaon



Rajat Education Society

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ANNASAHAB AWATE ARTS, COMMERCE AND HUTATMA BABU GENU SCIENCE COLLEGE, MANCHAR

Commerce and Management Faculty

Problem Solving Method

Attendance 2023-24



Class - S.Y.BCom (SEM- III)

Subject - Corporate

Accounting

Topic - Valuation of Shares

Sub. Teacher - Prof. Wagh A.S.

Date -

Sr.no	Name of Students	31/08/2023	01/09/2023	02/09/2023
1	Pokharkore Swapnali Sunil	Swapnali	Swapnali	Swapnali
2	Kurkute Shubhangi Manali	Kurkute	Kurkute	Kurkute
3	Shewale Neha Somnath	Shewale	Shewale	Shewale
4	Bhor Radhika Sandil	Bhor	Bhor	Bhor
5	Temgire Pranjal Sham	Temgire	Temgire	Temgire
6	Bhor Pranita Kishor	Bhor	Bhor	Bhor
7	Gunjai Vaishnavi Ganesh	Gunjai	Gunjai	Gunjai
8	Shewale Prajita Raju	Shewale	Shewale	Shewale
9	Khegade Shital Dattatray	Khegade	Khegade	Khegade
10	Lokhande Disha Suresh	Lokhande	Lokhande	Lokhande
11	Kandhware Sakshi Prakash	Sakshi	Sakshi	Sakshi
12	Pansare Punam Balasaheb	Pansare	Pansare	Pansare
13	Nighat Manjiri Santosh	Nighat	Nighat	Nighat
14	Potaskar Sanjana Ajay	Sanjana	Sanjana	Sanjana
15	Pingale Sakshi Sharad	Pingale	Pingale	Pingale
16	Bhor Pooja Dhondibhai	Bhor	Bhor	Bhor
17	Yedani Samiksha Suresh	Yedani	Yedani	Yedani
18	Karote Ankita Shankar	Karote	Karote	Karote



19	Dhobale Sneha Santosh	Neha	Neha	Neha
20	Gradekar Sakshi Sharnad	Sakshi	Sakshi	Sakshi
21	Bhor Rutika Harishchandori	Rutika	Rutika	Rutika
22	Hase Prachi Chandrakant	Prachi	Prachi	Prachi
23	Inamdar Simran Shakur	Simran	Simran	Simran
24	Adhikaram Ichha Sitaram	Ichha	Ichha	Ichha
25	Kendre Prachi Kailas	Prachi	Prachi	Prachi
26	Bhor Pooja Santosh	Pooja	Pooja	Pooja
27	Shelake Varsha Laxman	Varsha	Varsha	Varsha
28	Shinde Dnyaneshwari Lahu	Dshinde	Dshinde	Dshinde
29	Modhane Sayali Ganesh	S.G. Modhane	S.G. Modhane	S.G. Modhane
30	Pokharkar Pragati Anil	Pragati	Pragati	Pragati
31	Ranpise Siddhi Haribhau	Ranpise	Ranpise	Ranpise
32	Thorat Payal Sharad	Thorat	Thorat	Thorat
33	Mirza Noor Fatima	Mirza	Mirza	Mirza
34	Indore Priyanka Sunil	P.S. Indore	P.S. Indore	P.S. Indore
35	Pawar Anita Prakash	Pawar	Pawar	Pawar
36	Bhor Sejal Santosh	Bhor	Bhor	Bhor
37	Ghewade Kiran Shankar	Ghewade	Ghewade	Ghewade
38	Bangar Divya Jalindar	Divya	Divya	Divya
39	Pawar Divya Taraji	Pawar	Pawar	Pawar
40	Dhumal Sayali Nilesh	Dhumal	Dhumal	Dhumal
41	Mose Sakshi Mohan	S.T. Mose	S.T. Mose	Mose
42	Mathe Ankita Nandkumar	Ankita	Ankita	Ankita
43	Dake Trupti Ganesh	Trupti	Trupti	Trupti
44	Gadhare Aditi Sudam	Aditi	Aditi	Aditi
45	Chaudhari Suman Vilhal	Suman	Suman	Suman
46	Wankar Nishakha Bapurao	Nishakha	Nishakha	Nishakha
47	Wankar Laxmi Bhagavan	Laxmi	Laxmi	Laxmi
48	Wankar Laxmi Bhagavan	Laxmi	Laxmi	Laxmi
49	Mudhe Chandrabhaga Vilhal	Mudhe	Mudhe	Mudhe



50	Bambale Amruta Purnaji	Bambale	Bambale	Bambale
51	Thangire Aditya Madhukar	Thangire	Thangire	
52	Thorat Gaurav Satyawar	Thorat	Thorat	
53	Kupkute Suraj Subhash	Kupkute	Kupkute	
54	Ghule Omkar Madhukar	Ghule	Ghule	
55	Bankhele Pratik Ramdas	Pratik	Pratik	
56	Gawade Uddhav Sandip	Gawade	Gawade	
57	Somavanshi Vinay Rajendrak	Vinay	Vinay	
58	Bhavari Vaibhav Govind	Bhavari	Bhavari	
59	Kasikar Sahil Shankar	Kasikar	Kasikar	
60	Chauhan Samyak Dnyaneshwar	Chauhan	Chauhan	
61	Korle Sushant Santosh	Korle	Korle	
62	Pawar Akash Mihirvadhukar	Pawar	Pawar	
63	Pawale Yash Shamad	Pawale	Pawale	
64	Bankhele Amita Ashok	Amita	Amita	
65	Nighat Aditi Nazendra	Aditi	Aditi	
66	Nighat Roshni Subhash	Nighat	Nighat	
67	Nighat Sayali Sopan	Sayali	Sayali	
68	Shinde Tanvi Ashok	Shinde	Shinde	
69	Shewale Kirti Rajendra	Shewale	Shewale	
70	Suraj Dipak Ashok	Suraj	Suraj	
71	Gawade Omkar Dattatray	Gawade	Gawade	
72	Bhor Hrutik Sunil	Bhor	Bhor	
73	Chikhale Abhijit Pandurang	Chikhale	Chikhale	
74	Inamdar Rakesh Raju	Inamdar	Inamdar	
75	Kacharekar Suraj Pankaj	Kacharekar	Kacharekar	
76	Tambe Sakshi Khandu	Tambe	Tambe	
77	Dhamak Anisha Dattatray	Anisha	Anisha	
78	Kindri Prachi Kailas	Kindri	Kindri	
79	Inamdar Simran Shakti	Inamdar	Inamdar	
80	Vengare Payal Purnesh	Vengare	Vengare	

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

Avishkar Competition 2023-24




Head
Department of Geography
Annasaheb Awate College,
Manchar, Tal. Ambegaon, Dist. Pune

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu
Science College, Manchhar, Pune
Department of Geography

Avisakar Competition 2023-24



Latitude: 19.012951
 Longitude: 73.95164
 Altitude: 602.3±1 m
 Accuracy: 20.0 m
 Time: 13-04-2024 10:07
 Note: Avisakar 2023-24





प्रस्तावना
 2023-24 वर्षी वार्षिकीत विविध शाखांमध्ये पु. वि. विभाग
 आणि 100 टक्के अधिक लेखक याद्वारे विभागाने विविध
 भाषांमध्ये प्रतियोगिता आयोजित केली आहे. या प्रतियोगितात
 विद्यार्थ्यांनी आपले लेखन कौशल्य दाखवण्याचे संधी आहे.
 विभागाच्या संकेतस्थळावर विविध शाखांमध्ये प्रतियोगिता
 आयोजित करण्यात आली आहे. विद्यार्थ्यांनी या प्रतियोगितात
 भाग घ्यावा. विभागाच्या संकेतस्थळावर विविध शाखांमध्ये
 प्रतियोगिता आयोजित करण्यात आली आहे. विद्यार्थ्यांनी
 या प्रतियोगितात भाग घ्यावा. विभागाच्या संकेतस्थळावर
 विविध शाखांमध्ये प्रतियोगिता आयोजित करण्यात आली
 आहे. विद्यार्थ्यांनी या प्रतियोगितात भाग घ्यावा.

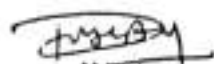



Head
Department of Geography
Annasaheb Awate College,
Manchhar, Tal. Ambegaon, Dist. Pune

Rajal Shikshan Sanstha
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Tal. Ambegaon, Dist. Pune 410503
Department of Electronic Science
A.Y. 2023-24
Concept Mapping Activity

Name of Program	Concept Mapping Activity of Designing of Power Supply
Event Date	23/01/2024
Event Participants	SYBSc Class
Event Time	Duration 2 Months
Mode of Conduction	Offline (Department of Electronic Science Lab)
Event Coordinator	Ms. Afroj M Dange
No. of Beneficiary	12
Introduction	The concept mapping activity "Designing a Power Supply" focused on the essential components and considerations in creating an effective and efficient power supply system. Concept mapping is a visual representation technique that helps clarify complex relationships among various elements of a subject. This activity aimed to support learners in understanding the fundamentals of power supply design while fostering collaborative learning and critical thinking skills.
Objectives	<ul style="list-style-type: none"> To enhance participants' understanding of power supply design principles. To identify and explain the key components involved in a power supply system. To encourage teamwork and collaborative problem-solving. To develop skills in concept mapping as a method for organizing and structuring knowledge.
Outcomes	<ul style="list-style-type: none"> Enhanced Understanding: Participants demonstrated a deeper understanding of the various components and considerations in designing a power supply by effectively organizing their knowledge visually. Diverse Perspectives: The collaborative nature of the activity allowed for the sharing of diverse perspectives, leading to novel insights about power supply components and their interactions. Critical Thinking Skills: Engaging in discussions and obtaining feedback helped participants develop critical thinking skills, particularly in the context of problem-solving in engineering design. The "Designing a Power Supply" concept mapping activity proved to be an effective learning strategy that empowered participants to deepen their understanding of power supply systems. The visual representation of concepts facilitated the comprehension of complex relationships and principles essential for power supply design.
Enclosure	1] Event Photos 2] Student Attendance




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

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune 410503

Department of Electronic Science

2023-24

Concept Mapping Activity

Topic: Designing of Power Supply

Class: SYBSc

Date: 23/01/2024

Attendance

Sr. no.	Roll no	Name of student	Sign
1	4246	Abhang Prasad Dilip	<i>Abhang</i>
2	4247	Abhang Sayali Sachin	<i>Abhang</i>
3	4248	Bhalerao Vedant Prakash	<i>Bhalerao</i>
4	4249	Dharade Vaishali Santosh	<i>Dharade</i>
5	4250	Dhengale Karishma Lalchand	<i>Dhengale</i>
6	4251	Gadhawe Atharv Somnath	<i>Gadhawe</i>
7	4252	Gawari Kishori Tulashiram	<i>Gawari</i>
8	4253	Ghule Somesh Nilesh	<i>Ghule</i>
9	4254	Hule Ashwini Anil	<i>Hule</i>
10	4255	Lohate Dipali Santosh	<i>Lohate</i>
11	4256	Nighot Gauri Sambhaji	<i>Nighot</i>
12	4257	Thorat Pranav Balu	<i>Thorat</i>
13	4258	Thorat Shraddha Bhaguji	<i>Thorat</i>



[Signature]

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Dept. of Electronics Science

A. A. College, Manchar

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune 410503

Department of Electronic Science


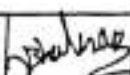
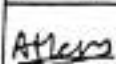



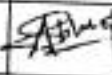
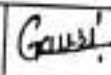
2023-24

Concept Mapping Activity

Topic: Designing of Power Supply

Class: SYBSc

Date: 23/01/2024

Sr. No	Roll No	Name of Student	Topic Name	Sign
Group A: 5 Volt Design				
1	4258	Thorat Shraddha	5V Power supply	
2				
Group B: 9 Volt Design				
1	4248	Bhalerao Vedant	9V Power supply	
2	4251	Gadhare Atharv		
Group C: 12 Volt Design				
1	4250	Karishma Dhengale	12 Volt Power supply	
2	4252	Gawari Kishorji		
Group D: 15 Volt Design				
1	4254	Hule Ashwini	15 volt power supply	
2	4247	Abhang Sayali		
Group E: 10 Volt Design				
1	4256	Nighot Gauri	10 Volt power supply	
2				



Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar
Department of Electronic Science
Avishkar 2023-24

Annasaheb Awate College conducted an Avishkar Competition for various stream students, to participate in this competition on 29th February 2024 from the Department of Electronic Science, 8 projects and 14 students participated along with a model and poster.

The objectives of this competition are for students

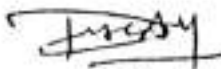
- 1] to understand the project's structure and flow.
 - 2] To present their final year project.
 - 3] To build confidence and to make students' resumes strong which will be helpful in their placements.
- To maintain and encourage this enthusiasm and positive attitude towards research. Student presented their final year project under the guidance of their mentor. Department-wise papers are evaluated based on the presentation skill, knowledge, and prototype model of the project. Judges selected the best 2 projects as winners from each department and were motivated with some exciting prizes and certificates.

Outcomes: This competition gave a platform for evaluating final year projects & Students got live experience of project presentation.

Enclosure:

- 1] Project List
- 2] Photos
- 3] Students' project feedback




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

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

Department of Electronic Science
Avishkar Presentation List 2023-24

Sr. No	Student Name	Class	Project Name	Presentation Type
1	Lande Rushikesh Arjun	T.Y.B.Sc	RFID based door lock using Arduino	Model
2	More Harsh Sanjay Erande Dyaneshwari Vitthal	T.Y.B.Sc	Radar System using Ultrasonic Sensor	Model
3	Shinde Tejas Tanaji Rakshe Omkar Gahininath	T.Y.B.Sc	LED Distance Indicator for Object Detection	Model
4	Gawari Kishori Tukshiram Dharade Vaishali Santosh Dhengale Karishma	S.Y.B.Sc	Smart Home Automation	Model
5	Gadheve Atarav Somnath	S.Y.B.Sc	Alcohol Detector	Model
6	Vadekar Shreyas Ganesh Bhalerao Vedant Prakash	F.Y.B.Sc S.Y.B.Sc	City Water Distribution	Model
7	Chaskar Dnyaneshawri Shinde Pratiksha	F.Y.B.Sc	Butter Machine using Power Supply	Model
8	Lohate Dipali Santosh	S.Y.B.Sc	Bluetooth Control Car	Model



[Signature]
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 Dept. of Electronic Science
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Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Pune

Department of Electronic Science
Project List 2023-24

Sr.No	Student Name	Project Name
1	Lande Rushikesh Arjun	UV Radiation Testing Device using Arduino
2	Shinde Tejas Tanaji	Anti-sleep Alarm System for Drivers
3	More Harsh Sanjay	Fingerprint Door Lock
4	Erande Dnyaneshwari Vitthal	Line Follower Robot
5	Rakshe Omkar Gahininath	Gas Leakage Detector using Arduino



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

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Pune 410503

Department of Electronic Science Report on Mind Mapping Activity 2023-24

Department of Electronic Science, Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College Manchar, Pune organized students Mind Mapping activity on I Know My Mobile. The seminar was held on 3rd & 4th August 2023 at lecture time 12.40PM for SYBSc at the Department.

There were 13 students present for the activity. All the student participants were very enthusiastic. The activity explanation given by the students, A mind map involves writing down a central theme and thinking of new and related ideas which radiate out from the Centre. The enthusiasm of the children was very good. The students said that because of this we develop our confidence.

The session was very much informative given by students. They discussed areas that greatly benefited the participants as the topic was very much relevant, they explained.

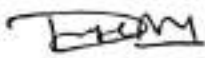
Outcome:

This type of seminar activity provided great benefits for participants. Also, built self-confidence to deliver a lecture.

Enclosure:

Photos of Activity




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

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune 410503

Department of Electronic Science

2023-24

Mind Mapping Activity

Topic: I know my Mobile Class: SYBSc Date: 3rd & 4th August 2023

Attendance

Sr. no.	Roll no	Name of student	Sign
1	4246	Abhang Prasad Dilip	<i>Abhang</i>
2	4247	Abhang Sayali Sachin	<i>Abhang</i>
3	4248	Bhalerao Vedant Prakash	<i>Bhalerao</i>
4	4249	Dharade Vaishali Santosh	<i>Dharade</i>
5	4250	Dhengale Karishma Lalchand	<i>Dhengale</i>
6	4251	Gadhare Atharv Somnath	<i>Atharv</i>
7	4252	Gawari Kishori Tulashiram	<i>Gawari</i>
8	4253	Ghule Somesh Nilesh	<i>Ghule</i>
9	4254	Hule Ashwini Anil	<i>Ashwini</i>
10	4255	Lohate Dipali Santosh	<i>Lohate</i>
11	4256	Nighot Gauri Sambhaji	<i>Gauri</i>
12	4257	Thorat Pranav Balu	<i>A b</i>
13	4258	Thorat Shraddha Bhaguji	<i>Shraddha</i>



[Signature]

Head

Dept. of Electronic Science

A. A. College, Manchar

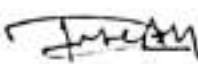
Rajal Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Pune 410503
Department of Electronic Science
2023-24

Mind Mapping Activity

Topic: I know my Mobile Class: SYBSc Date: 3rd & 4th August 2023
Attendance

Sr. no.	Roll no	Name of student	Sign
1	4246	Abhang Prasad Dilip	
2	4247	Abhang Sayali Sachin	
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5	4250	Dhengale Karishma Lalchand	
6	4251	Gadhawe Atharv Somnath	
7	4252	Gawari Kishori Tulashiram	
8	4253	Ghule Somesh Nilesh	
9	4254	Hule Ashwini Anil	
10	4255	Lohate Dipali Santosh	
11	4256	Nighot Gauri Sambhaji	
12	4257	Thorat Pranav Balu	Ab
13	4258	Thorat Shraddha Bhaguji	




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

B.Voc (Accounting And Taxation) 2023-24
Problem Solving

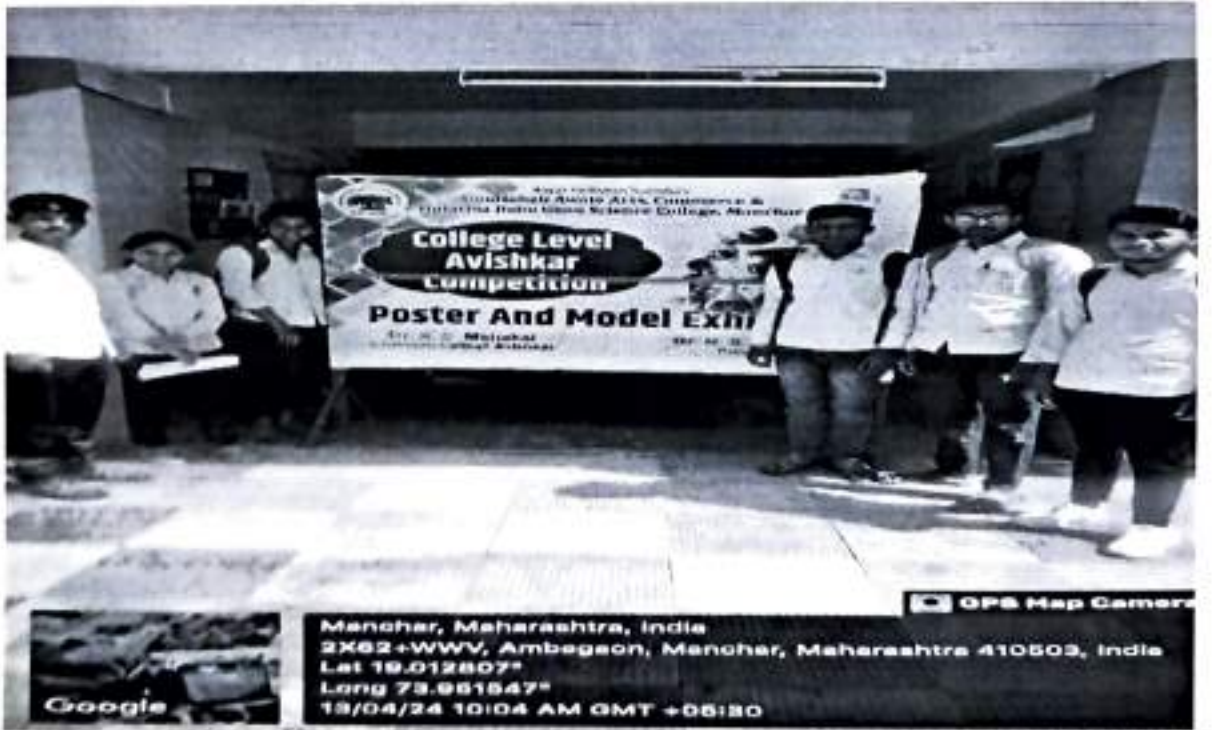


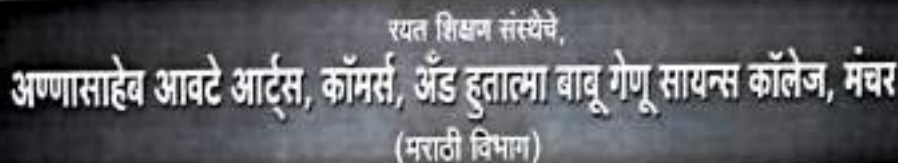
रघत शिक्षण संस्थेचे,
अण्णासाहेब आवटे आर्ट्स, कॉमर्स, व
हुतात्मा बाबू गेणू सायन्स कॉलेज, मंचर
मराठी विभाग
क्षेत्र भेट अहवाल

AVISHKAR COMPETITION 2023-24

महाविद्यालयद्वारे आयोजित करण्यात आलेल्या आविष्कार स्पर्धा २०२३ मध्ये मराठी विभागातील १० विद्यार्थ्यांनी सहभाग नोंदविला त्यांनी दोन गट करून दोन वेगवेगळ्या विषयावर आपल्या पोस्टरचे या स्पर्धेत सादरीकरण केले. या स्पर्धेत सहभागी झालेल्या विद्यार्थ्यांची नावे व त्यांचे विषय खालीलप्रमाणे-

SR.NO.	STUDENT NAME	CLASS	SUBJECT
01.	MADAKE DINESH TANAJI	T.Y.B.A.	नव माध्यमे आणि समाज माध्यमात मराठी भाषेचा प्रभावी वापर
02.	THORAT SHUBHAM SANTOSH	T.Y.B.A.	
03.	KHIRAD NIKITA RAJU	T.Y.B.A.	
04.	KOKANE VAISHNAVI SHANKAR	T.Y.B.A.	
05.	MALUNJE SHILPA BANDU	T.Y.B.A.	
06.	BHOR CHETAN RAJENDRA	T.Y.B.A.	मराठी भाषा आणि आधुनिक तंत्रज्ञान
07.	BULE VASANT BHAGAVANTA	T.Y.B.A.	
08.	WABALE SIDDHESH SITARAM	T.Y.B.A.	
09.	MEMANE SHARMILA BHAGU	T.Y.B.A.	
10.	THORAT POONAM KAILAS	T.Y.B.A.	





प्रास्ताविक: कोमलीही भवा ही जर टिकवून देवयाची असेल, तिचा विकास साधायचा असेल तर तिच्या विकासासाठी आधुनिक व अद्ययावत तंत्रज्ञानाचा वापर करून घेतला पाहिजे. हॅन्डिंग जीवनत आघाता भाषेची वेगवेगळ्या कारणास्तव निव्व संघर्ष घेत असतो.आयस ती कामे टाकू शकत नाहीत.उदा. रंकेलेखन, मुद्रण, पुस्तकव्यतीत एखाद्या कामदारीत मजकूर घुसा घुडित करणे,भाषांत करणे,रुडीत सदांघे अर्थ जाणून घेणे,अशा कामासाठी आयस जुन्या पद्धतीचे चांसेलिक तंत्रज्ञन वापरते तर आयस काम अगदी सावकाश होते,कामाला उशीर होतो व एखादा आघात केव वा घावपडीच्या कवळात अशा कामासाठी देणे आपल्याला शक्य होत नाही मग कंटाळा आल्याने रम अशी कामे टाकण्याला लागतो व हद्दबद्द ती कल्ले सोपवून देतो. मात्र काय कामासाठी आयस सामक्या,सेक्टर,टॅब, स्मार्टफोन यांमधील आधुनिक तंत्रज्ञानाचा, हॉल्टरेवज, ऑन, सेल्लेत यांचा वापर करून घेतला तर ते काम न कंटाळ्या, अजिबात वेगाने व वेळेत पूर्ण करता येते.तेव्हा या लेखातून आयस असाय काही ऑन व इतर तापनांचा परिचय करून घेणार आहोत.

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या अर्ण्याचा बदलीने जमातीने अनेक बहुतांश भागांचे दुसऱ्या भागांमध्ये भागांतर करता येते. भागांतरित झालेला भागचूरी काढी करता येतो (एकात येतो, चानाचे फोटी काढून त्याचे भागांतर करता येते. तसेच नोआईस्यूर, व्हॅट्सअप किंवा इतर माध्यमातून जातेले फोटोही अर्ण्या वाढी उजव्या बाजूला कॅमेऱ्या वित्क केव्हापासून त्यांचे भागांतर करता येते. या अर्ण्याचा बदलीने भागांतरित भागचूरी इतर भागांमध्ये व इतर भागांतून भागचूरी भागांतरित करता येतो. आयम इतर भागांची संयोजित राहू शकतो. त्यांच्याशी संवाद साधू शकतो. या अर्ण्याचे अंतर भागांत संयोजित शक्य होते. आयम टाईप केलेला किंवा भागांतरित झालेला भागचूरी ऐकता येत असल्याचे आयमजना त्या शब्दांचे उच्चारण देऊन शब्दोत यानुषे आयमजना भाषा शिकवत देता शकतात. या अर्ण्याचा बदलीने आयम एक शब्दांचे भागांतर करत भागचूरी असे असले तरी त्या झालेले भागांतर शब्दात त्याचाने वाढवित देतो काही शब्दांचे भागांतर व्यतीथित झालेले आहे की नाही वाचकचवना बरोबर आयम की नाही हे तपासले आवश्यक असते.

● **मराठी भाषेच्या हातूळ्यावरील** भाषांचे एकत्रित संग्रह असलेले संकेतस्थळ आहे. बृहदकोश ह्याचा सदकोश नमुनू हे अनेक वर्षांचे एकत्रित ऑनलाइन संकलन आहे. आज या संकेतस्थळावर टोन साख १८ हजार ८१३ शब्दांचे अर्थ यथार्थपणे मिळतात. बृहदकोशाच्या एखाद्या शब्द शोधण्यात अनेक शब्दांचे सदकोशात असलेले अर्थ एकत्रादी एक मिळतात. त्यावेळेस त्या शब्दाची संक्षिप्त इतर शब्दांची मिळतात. अनेक कोश व अनेक संकेतस्थळांचेच विस्तृतले सदकोश पाहिली संख्यामात्रा आणत देऊन बृहद कोश प्रथमपट्टी संक्षिप्त सक्कन मराठी कोश यामुखाची ही अडचण दूर काढण्याचा प्रयत्न या संकेतस्थळाच्या माध्यमातून केला आहे. हा बृहदकोश सर्वकाळ मुक्त व सार्वजनिक प्रयोग उपलब्ध आहे. विद्यार्थी शिक्षक व अभ्यासक अशा सर्वांसाठी ही संकेत संकेतस्थळ अतिशय लाभदायक ठरवत आहे. संकेतस्थळ पुढीलप्रमाणे-
<https://bruhadkosh.org>

१) चेतन और २) मिथ्येतन वाक्ये
३) निर्दिष्टता सेवाने ४) पुनः प्रोत्साहन ५) धर्मन बुद्धे

પ્રા.મુઠે આર.વી.
પ્રા.મુઠે જી.ડી.

डॉ. गार्डी बी. पी.

रयत शिक्षण संस्थेचे
अण्णासाहेब आवटे आर्ट्स, कॉमर्स
अँड हुतात्मा बाबू गेनू सायन्स कॉलेज, मंचर
* मराठी विभाग *

प्रास्ताविक: -

ਇਤਿ:

ചരിത്രം :

उपादीकरण

४. **अर्थ**

महाराष्ट्र
राज्य
सर्वकार
मुंबई

व्याख्यान :

[illegible]

फेसबुक :

सेलमुक्त लक्ष्य एक रायच २००४ मध्ये अतिशयता आहे आणि काही दिवसातच सेलमुक्त ही शक्यता देखिल जीवनाची साथ बनली.परीक्षेच्या परिधि, विना वायव्याची शक्यतात बहु शक्यतात लक्ष्य रायच हा वायव्यातच मुळा शोधने संघट्टातचि लक्ष्यरायचोत. मुलांतेत वायव्यातच लक्ष्यरायच एकमुठी जीवनात लक्ष्यसेलमुक्त रायच. सेलमुक्त ही मुलात लक्ष्य दिवसात लक्ष्यरायच आता लक्ष्योत लक्ष्य रायच लक्ष्यरायच येत आहे. देखिल जीवनातच लक्ष्यसेल मुलीत लक्ष्यरायची लक्ष्यसेल लक्ष्यरायच लक्ष्यरायच

टीकर :

ફિલ્મ કે સંગીત બેરબરિયન સાઈરે કાઢે. વાગ્યો મુલુ તાલકર કાઢે. મુઝી દર્શકનના કાનપડાડી
કેવિયાલ સંગીતક કબીર તાલ તાલના. દર્શક મુઝાને વાગ્યો કાઢીયે.

- [illegible]

forward

विद्यार्थी : टिनेज गर्ल्स, भुजम सोराठा
कलेकले लेखणी, सिवर्ड निवेष्टना
माला ले सिखा.

डॉ. गाडी वी.पी. प्रा. मूठे आर.पी.

भारती विभाग प्रमुख
जयन्तासहोब आवटे महाविद्यालय,
मंथर, पुणे.