Student Centric Methods displayed in college campus



ANNASAHEB AWATE COLLEGE
MANCHAR

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

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

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

STUDENT CENTRIC ACTIVITIES

Name of department : Economics AcademicYear2023-24

SUMMARY

Sr. No.	Student Centric Activities	Activities organized	Date/ No.	No. of Beneficiaries
1.	Experiential Learning	Example 1. Field visit to	19/03/2024 02/04/2024	32 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 6. Quiz	21/08/2024	30
2.	Participative Learning	1. Role Play	16/03/2024 05/04/2024 06/04/2024	25 25 35
		2. .Avishkar		05
		3. Students' seminars	05/09/2023 16/03/2021	28 31
		4. Short term course in ..... E-Banking	25/10/2023 to 19/03/2024	17
		5. Survey	10/04/204	02
		6. Any other (Peer Teaching)	08/05/2023	27

Head
Department Of Economics
A. A. College, Manchar

Rayat Shikshan Sanstha's

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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)

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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

A. A. College Chemistry Dept.

		(b) Short term course in Certificate course in Dairy Science. 4.CHEMIAD Competition 2023-24	23/03/2024 25/02/2024	12 32
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

A. A. College Chem Dept

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Department of Chemistry
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Tal. Ambegaon, Dist. Pune

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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

Approved by
मराठी विभाग प्रमुख
अण्णासाहेब आवटे महाविद्यालय,
मंचर, पुणे.

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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** 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** 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** 1. Assignments on problem-based questions 2. Any other	**Student Reasearch Project (2023-24) TYBA. 14/03/2024.**	**09**

4.	**ICT methods used**	**Examples** 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**

for- Rarode

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ANNASAHEB AWATE COLLEGE MANCHAR

for- Rarode

Approved by

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

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

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

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

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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 to17 /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

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STUDENT CENTRIC ACTIVITIES

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

03/04/2024

SUMMARY

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	14/092023 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

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Head
Department of Commerce
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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

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Dept. of Electronice Science
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Manchar, Tal. Ambegaon, Dist. Pune

Department of Mathematics

Student Centric activities (2023-24)

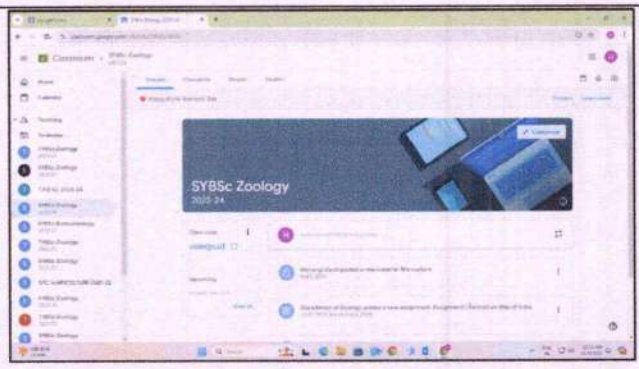
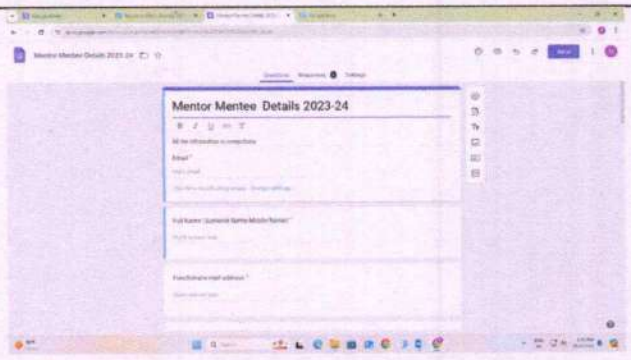
Sr. No.	Student Centric Activities	Activities organized	Date	No. of Beneficiaries
1.	**Experiential Learning**	Field visit to Morde foods Manchar	**16/02/2024**	**01**
2.	**Participative Learning**	Students' seminars	**05/09/2023**	**11**
3.	**Problem Solving Methods**	Assignments	**31/10/2023**	**56**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

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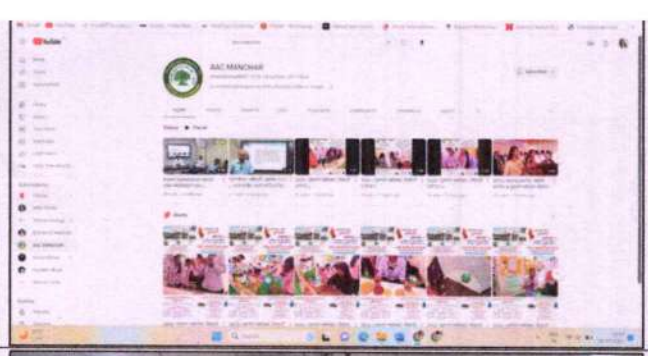
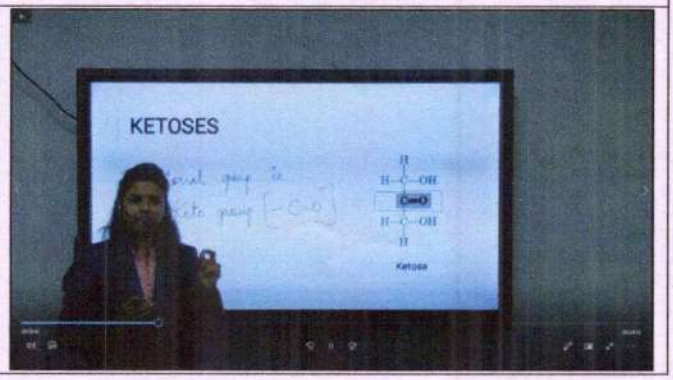
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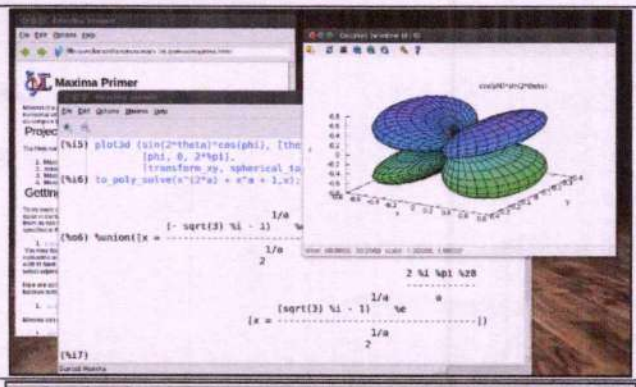
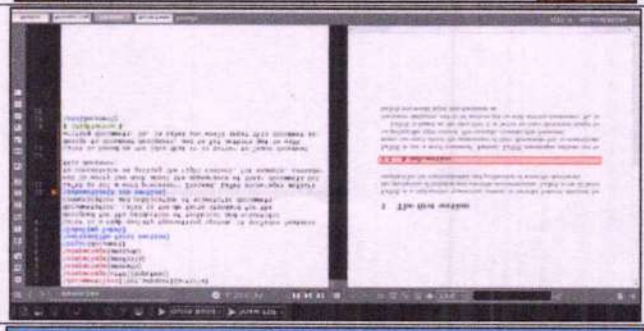
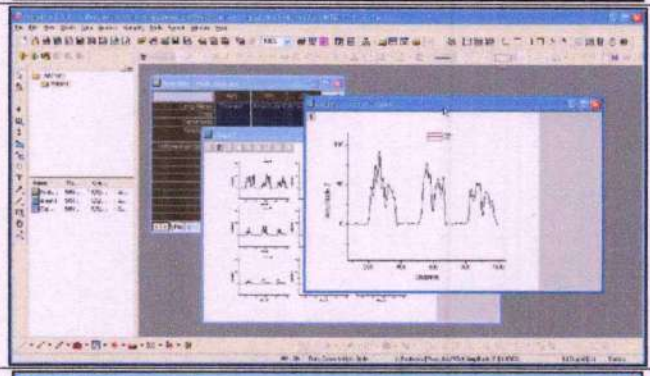
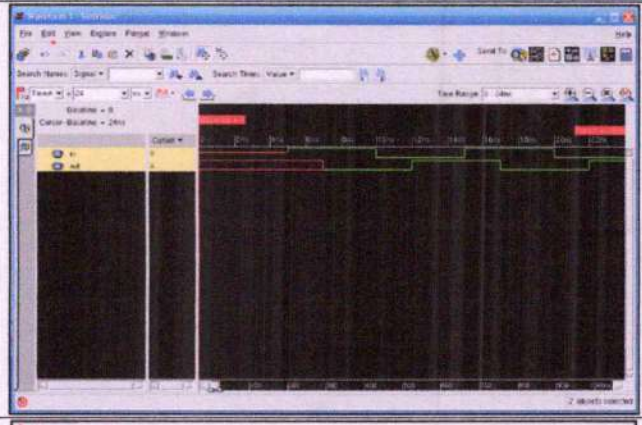
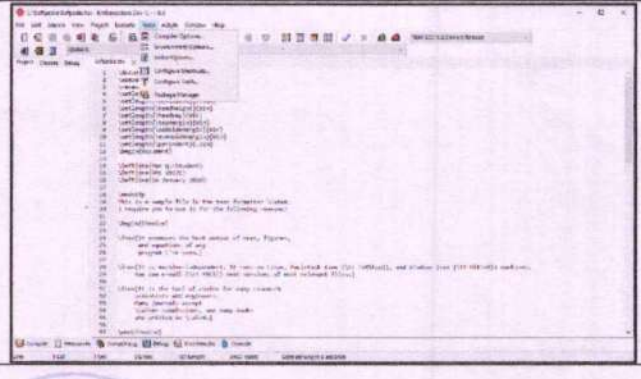
ICT TOOLS USED A.Y. 2023-24

Sr. No.	Name of the ICT Tool & Use	Photograph
1.	**Google Classroom** Google classrooms are used for disseminating study materials, conducting online lectures and assessments.	
2.	**Google forms** Google forms are used for assessments.	
3.	**Google Meet/ ZOOM** Online lectures are conducted via google meet/ ZOOM platform.	

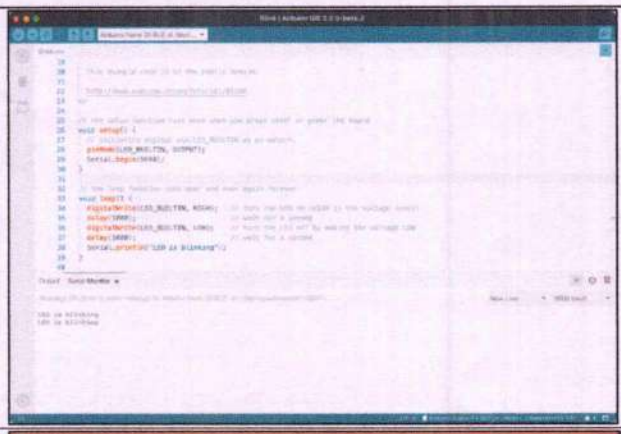
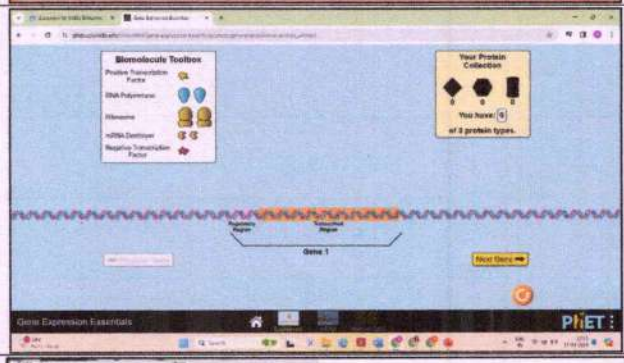
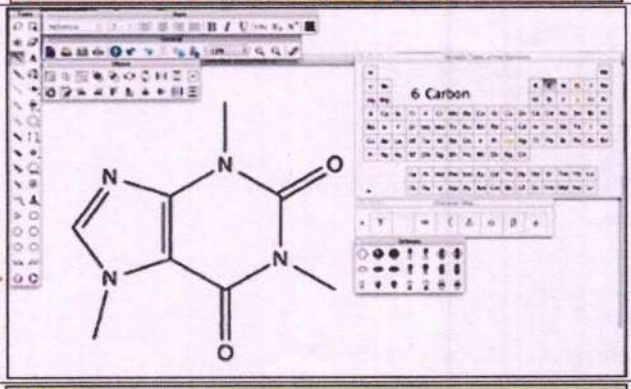
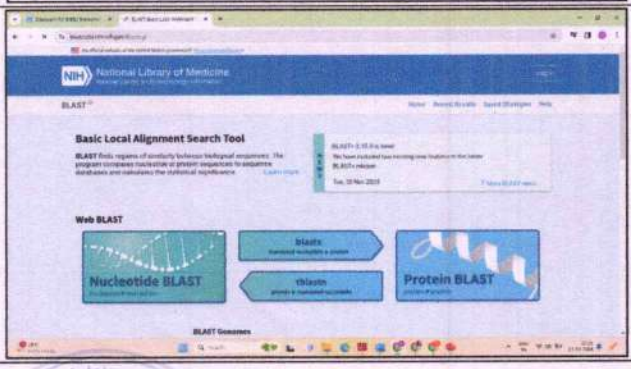
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	The video lectures of faculty members are uploaded on College YouTube Channel. Faculty members also use educational videos, animations published on YouTube channels.	
5.	**Virtual Labs by IIT-B** Virtual labs provide remote access to simulation-based Labs in various disciplines of Science and Engineering.	
6.	**WhatsApp** WhatsApp is used for disseminating study material, information related to examinations etc.	
7.	**Smartboards** Smartboards provide interactive tool for teachers and students that allows users to edit and annotate directly on the screen with a stylus or their finger.	

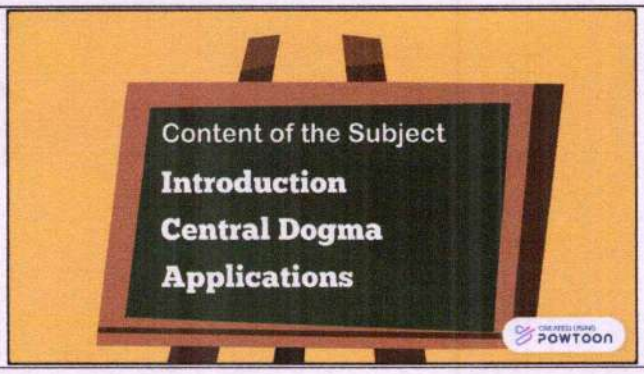
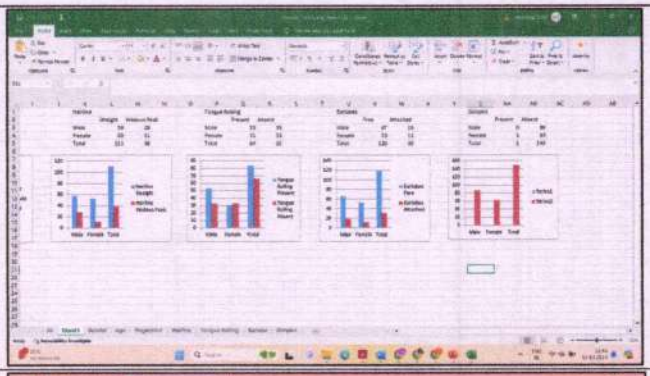
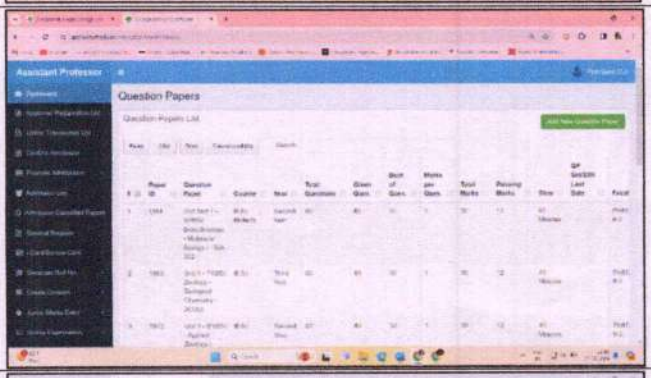
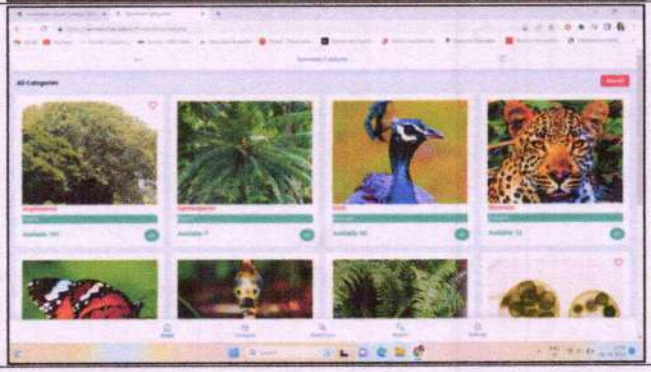
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8.	**Maxima** It is used for performing computer algebra calculations in mathematics and the physical sciences.	
9.	**LaTex** LaTeX is a document preparation system used for the communication and publication of scientific documents.	
10.	**Origin** It is as computer program for interactive scientific graphing and data analysis.	
11.	**Verilog** Verilog is used to describe the behaviour of a logic circuit at gate level.	
12.	**Dev C++** Dev C++ is a complete IDE for the C++ language. The IDE uses a MinGW port of GCC (GNU Compiler Collection) as its compiler.	

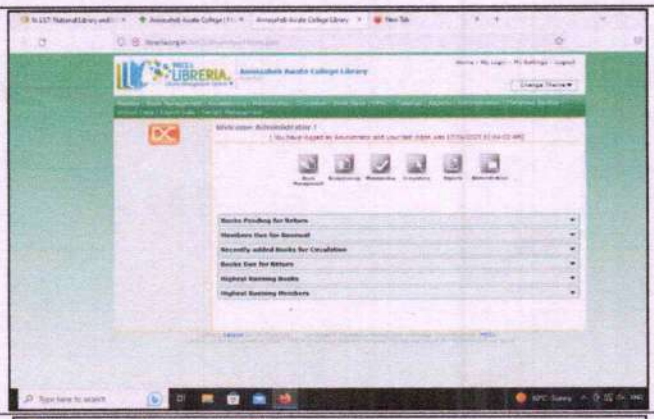
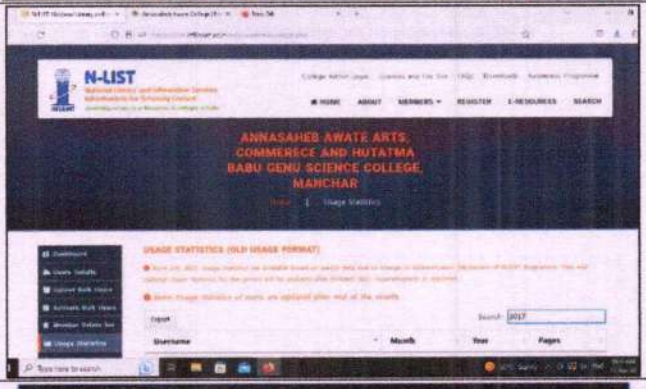
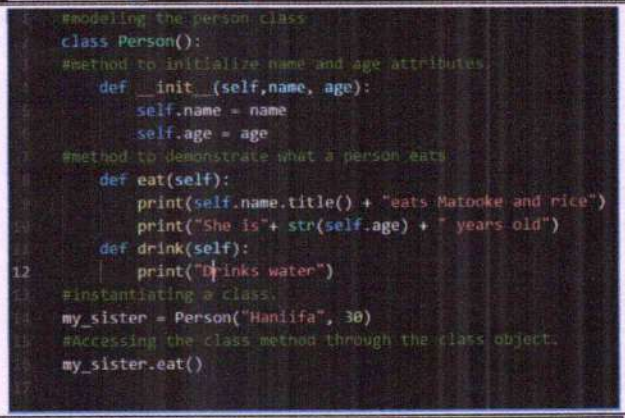
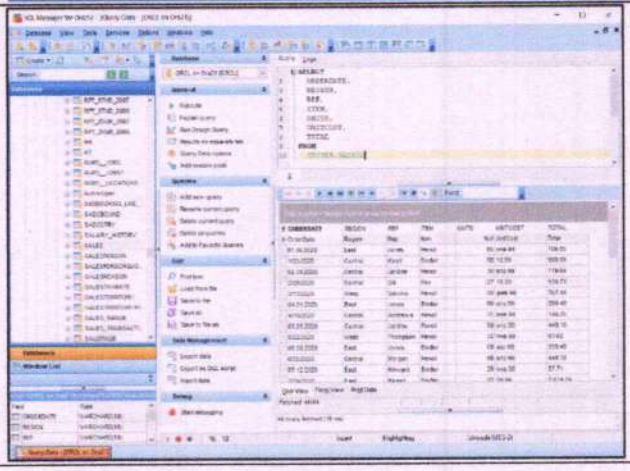
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13.	**Arduino** Arduino is used to write code and upload it to the board	
14.	**Tally** It is used to calculate monetary quantities, accountancy, tax, and GST (Goods and Services Tax) amounts, as well as manage commercial transactions effectively and efficiently	
15.	**PhET** It is used for interactive simulations of science concepts.	
16.	**Chemdraw** Chemdraw is used to draw the structure of chemical compounds.	
17.	**BLAST NCBI** The program compares nucleotide or protein sequences to sequence databases and calculates the statistical significance.	

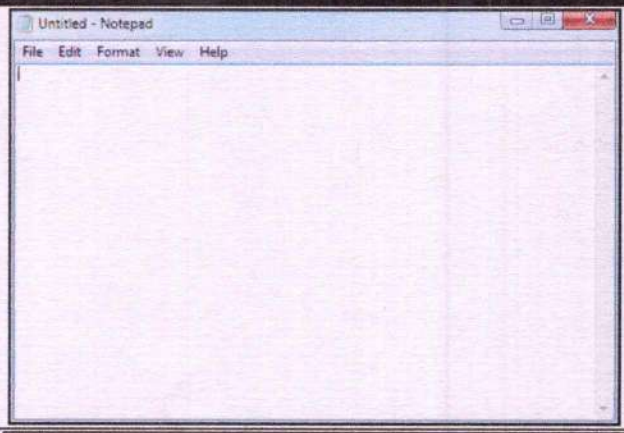
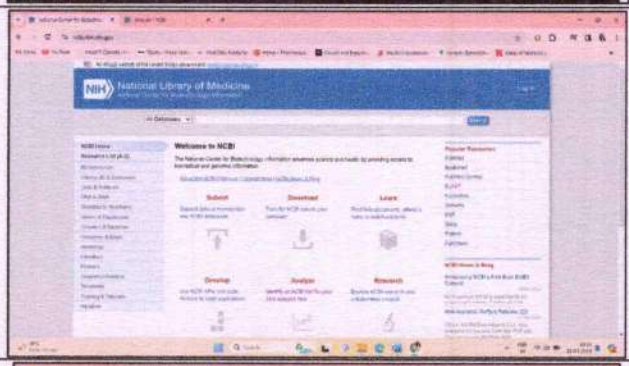
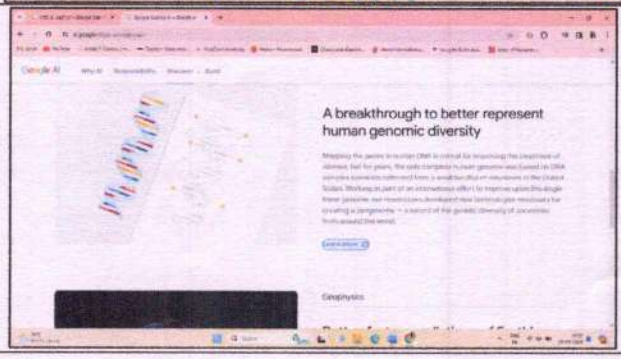
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18.	**Powtoon** Powtoon is used for creating animated presentations and animated explainer videos	
19.	**Powerpoint** It is used to create clean slideshow presentations and recording video lectures.	
20.	**Excel** Excel workbook is used to collect, organize information and analyse it.	
21.	**Rayat ERP** It is used for evaluation process.	
22.	**Biodiversity portal** It provides information on biodiversity present in and around college campus.	

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23.	**Libreria** It is a Library Management Software	
24.	**N-List** It provides access to e-resources to students, researchers and faculty from colleges	
25.	**Python** It is a high-level, general-purpose programming language.	
26.	**Oracle** It is used to create and manage databases.	

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27.	**Visual Studio** It is used to develop computer programs including websites, web apps, web services and mobile apps.	
28.	**Notepad** Notepad is a text editor, i.e., an app specialized in editing plain text.	
29.	**JDK 7** It is used for building applications, applets, and components using the Java programming language	
30.	**NCBI** NCBI is a leading source for public biomedical databases, software tools for analyzing molecular and genomic data, and research in computational biology	
31.	**Google AI** It is used to analyze and understand the content of webpages.	

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

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

ICT ENABLED TOOLS

1. Laptops:

Sr. No.	Particular's	Number
1	Principal Cabin	01
2	OS Cabin	01
3	Office	02
4	IQAC	01
5	Department of Biotech	01
6	Department of Zoology	01
7	Department of Junior Science	01
8	Department of BCA	01
9	Department of Mathematics	01
10	Department of Chemistry	01
11	Department of Physics	01
12	Department of Marathi	01
13	Department of Economics	01
14	Department of History	01
Total		**14**

2. LCD Projector

Sr. No.	Particular's	Number
1	Hall-Auditorium	01
2	Principal Cabin	01
3	Department- Biotech	01
4	Zoology	01
5	Junior Science	01
6	BCA	01
7	Mathematics	01
8	Chemistry (A010)	01
9	Physics Lab	01
10	Electronics Lab	01
11	English	01
12	Commerce	01
13	B.Voc. (Food) (Hall No. 31)	01
14	Botany	01
15	Hall No.- A 06	01
16	A08	01
17	A16	01
18	B01	01
19	B03	01
20	B11	01
21	B14	01
22	C03	01
23	C04 A	01
24	C04 B	01
Total		**24**

3. Internet/Wi-fi Connections: 3 Connections with 100, 50 & 30 mbps speed respectively.

Sr. No.	Speed	Vendor
1	100 mbps	SCC Cable Network
2	50 mbps	Saurav Broadband
3	30 mbps	Saurav Broadband

4. **Computers:**

Sr. No.	Particular's	Number
1	Commerce Computer Lab	16
2	English Language Lab	16
3	B.Voc. (Acc. & Tax.) Computer Lab	21
4	Physics Computer Lab	10
5	Electronics Computer Lab	06
6	BBA (CA) Computer Lab	40
7	Departmental Computers	17
8	Office	10
Total		**136**

5. **Routers:** 15 Routers were installed at different zones in campus.
6. **You tube Link:** 595 Videos were uploaded at college you-tube channel with 6.64 K subscribers.
7. **You Tube channel link:**
   https://www.youtube.com/channel/UClPmGFordjTbP5mlPyG84EA/about
8. **Digital LibraryLink: https://aaclibrary01.wixsite.com/mysite-aaclibrary/home**

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

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

Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College

Manchar, Tal. Ambegaon, Dist. Pune

NAAC Accredited "A" Grade

Photographs of ICT infrastructure

1. **Computer Lab:**



2. **Auditorium:**



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

3. Laboratory:



4. Electronic lab:



5. English Language lab:



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

6. Recording Studio:



7. B. Voc. Accounting & Taxation Lab:



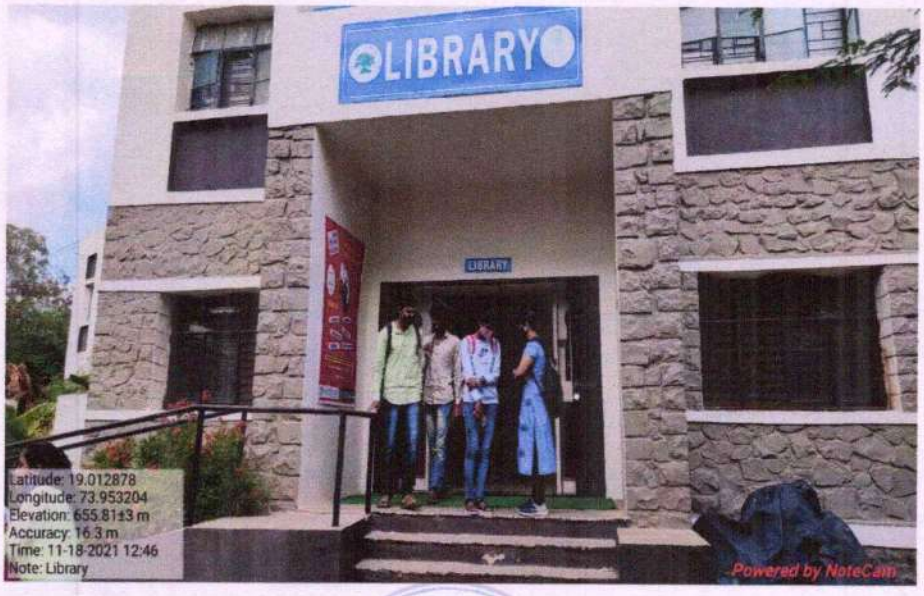
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar

8. Physics Computer Room:



s

9. Library:



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

Santosh Noronha
Chemical Engineering
Healthcare, Educational Tech
Indian Institute of Technology, Bombay, Powai, Mumbai 400 076, India
+22)25767238, 25764246
+22)25764227

NCID - 249
10/02/2024

VL/MP4/NC249/24

To,

Dr Nanasaheb Gaikwad

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar
Manchar, Tal. Ambegaon Pune Maharashtra 410503

Dear Sir / Madam

With reference to your Expression of Interest for Virtual Labs Nodal Centre (VLNC), it gives me immense pleasure to designate your college as a Nodal Centre for Virtual labs. As recommended by you, following have been nominated from your college.

Nodal Coordinator: **Ms Hemangi Gavit**
Nodal Outreach Coordinator: **Ms Afroj Dange**

This approval is valid up to 31st Dec 2024 and is subject to the Terms and Conditions mentioned in the EoI and any subsequent directives as issued by MoE. Kindly acknowledge receipt of this letter and acceptance of the Terms and Conditions.

We thank you again for your interest in the Virtual Labs project and appreciate your endeavour in the service of the student community. Wishing you all the best!

Sincerely,

Prof. Santosh Noronha,

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Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College

Manchar, Tal. Ambegaon, Dist Pune

DEPARTMENT OF CHEMISTRY

VIRTUAL LABS – IIT-B

NOTICE

All the students of M.Sc. II (Organic Chemistry) are hereby informed to attend workshop on Virtual Labs and perform enlisted experiments via virtual lab as per the following schedule:

Date: 6th April 2024

Time: 12:00 PM Onward

Venue: Research Laboratory/A05, Department of Chemistry

Schedule:

In-charge Teacher	Labs/Broad Areas	List of Experiments
Dr. A. K. Valvi	Molecular Absorption Spectroscopy	Solvent Effects on the UV-visible Absorption Spectra
		Verification of Beer-Lambert Law
		Determination of unknown concentration of an analyte by using the Beer-Lambert Law
		Study of kinetics of a reaction by using spectrophotometric method
	Inorganic Chemistry Virtual Lab	Acid Base Titration
	Physical Chemistry Virtual Lab	Spectrophotometry

Departmental Coordinator

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

Nodal Coordinator

Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College

Manchar, Tal. Ambegaon, Dist. Pune

DEPARTMENT OF CHEMISTRY

VIRTUAL LABS – IIT-B

NOTICE

All the students of M.Sc. II (Organic Chemistry) are hereby informed to attend workshop on Virtual Labs and perform enlisted experiments via virtual lab as per the following schedule

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Dr. A. K. Valvi	Molecular Absorption Spectroscopy	Solvent Effects on the UV-visible Absorption Spectra
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		Determination of unknown concentration of an analyte by using the Beer-Lambert Law
		Study of kineties of a reaction by using spectrophotometric method
	Inorganic Chemistry Virtual Lab	Acid Base Titration
	Physical Chemistry Virtual Lab	Spectrophotometry

Departmental Coordinator

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

Nodal Coordinator

Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College

Manchar, Tal. Ambegaon, Dist. Pune

DEPARTMENT OF CHEMISTRY

VIRTUAL LABS – IIT-B

NOTICE

All the students of S. Y. B. Sc are hereby informed to attend workshop on Virtual Labs and perform enlisted experiments via virtual lab as per the following schedule

Date: 5th April 2024

Time: 12:00 PM Onward

Venue: Research Laboratory/A05, Department of Chemistry

Schedule:

In-charge Teacher	Labs/Broad Areas	List of Experiments
Dr. A. K. Valvi	Molecular Absorption Spectroscopy	Solvent Effects on the UV-visible Absorption Spectra
		Verification of Beer-Lambert Law
		Determination of unknown concentration of an analyte by using the Beer-Lambert Law
		Study of kinetics of a reaction by using spectrophotometric method
	Inorganic Chemistry Virtual Lab	Acid Base Titration
	Physical Chemistry Virtual Lab	Spectrophotometry

Departmental Coordinator

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

HoD

Nodal Coordinator

Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College

Manchar, Tal. Ambegaon, Dist. Pune

Department of Electronic Science

VIRTUAL LABS – IIT-B

NOTICE

All the students of FYBSc are hereby informed to attend workshop on Virtual Labs have been organized and perform enlisted experiments via virtual lab as per the following schedule:

Date: 03/04/2024

Time: 11:55AM

Venue: Electronics Laboratory

List of Experiments:

Class: FYBSc
1. Log and Antilog Amplifier
2. Voltage Comparator
3. Wein Bridge Oscillator using Operational Amplifier
4. Voltage Amplifier using Operational Amplifier
5. Voltage to Current Converter
6. Function Generator using Operational Amplifier
7. Astable and Bistable Multivibrator using IC 555

Subject Teacher

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

Nodal Coordinator

Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College

Manchar, Tal. Ambegaon, Dist. Pune

Department of Zoology

VIRTUAL LABS – IIT-B

NOTICE

Date: 01/03/2024

All the students of SYBSc (Group-B) and TYBSc are hereby informed to attend workshop on Virtual Labs have been organized and perform enlisted experiments via virtual lab as per the following schedule:

Date: 02/03/2024

Time: 11:55 AM

Venue: Computer Laboratory, Department of BBA(CA)

List of Experiments:

Class: SYBSc	Class: TYBSc
1. Mitosis in Onion Root Tips 2. Hemocytometer (Counting of Cells) 3. Isolation of Mitochondria 4. Light Microscope 5. Cell Organization and Sub Cellular Structure Studies 6. Lignin Staining	1. Extraction of DNA from Fish Fins 2. Agarose Gel Electrophoresis (AGE) 3. Extraction of DNA from Agarose gel 4. Restriction Digestion 5. Maintenance and Storage of DH5alpha E.coli cells 6. Plasmid Isolation (Mini prep)

Subject Teacher

Head
Department Of Zoology
A.A.College, Manchar

Nodal Coordinator

Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College

Manchar, Tal. Ambegaon, Dist. Pune

Department of Zoology

VIRTUAL LABS – IIT-B

NOTICE

Date: 29/02/2024

All the students of FYBSc (Group-B) and TYBSc are hereby informed to attend workshop on Virtual Labs have been organized and perform enlisted experiments via virtual lab as per the following schedule:

Date: 01/03/2024

Time: 12:00 PM

Venue: Laboratory, Department of Zoology

List of Experiments:

1. Mitosis in Onion Root Tips
2. Hemocytometer (Counting of Cells)
3. Isolation of Mitochondria
4. Light Microscope
5. Cell Organization and Sub Cellular Structure Studies
6. Lignin Staining

Subject Teacher

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

Nodal Coordinator

ANNASAHEB AWATE COLLEGE MANCHAR

IIT Bombay Virtual

Workshop Report - 2024 Date:01-03-2024

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

NCID : 249

Department	Users	Usage
Zoology	27	169

Nodal Coordinator	Principal Head of the Institute Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar, Tal.Ambegaon, Dist.Pune	Institute Stamp / Seal

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Workshop Report - 2024 Date:03-04-2024

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

NCID : 249

Department	Users	Usage
Electronics	11	205

Nodal Coordinator	Head of the Institute Principal Annasaheb Awate Art's Commerce, & Hutatma Babu Genu Science College, Manchar, Tal.Ambegaon, Dist.Pune	Institute Stamp

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Workshop Report - 2024 Date:05-04-2024

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

NCID: 249

Department	Users	Usage
Chemistry	9	60
Electronics	3	26
Physics	16	141
Zoology	4	48

Nodal Coordinator	Head of the Institute	Institute Stamp / Seal
	Principal Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar	

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Workshop Report - 2024 Date:06-04-2024

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

NCID : 249

Department	Users	Usage
Chemistry	11	66
Physics	13	99
Zoology	26	176

Nodal Coordinator	Head of the Institute	Institute Stamp / Seal

ANNASAHEB AWATE COLLEGE MANCHAR

Principal
Annasaheb Awate Arts, Commerce &
Hutma Babu Genu Science College,
Manchar Tal.Ambegaon, Dist. Pune

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Workshop Report - 2024 Date:06-04-2024

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

NCID : 249

Department	Users	Usage
Chemistry	11	66
Physics	13	99
Zoology	26	176

Nodal Coordinator	Head of the Institute	Institute Stamp / Seal

Principal
Annasaheb Awate Arts, Commerce &
Hutma Babu Genu Science College,
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Workshop Report - 2024 Date:06-04-2024

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

NCID : 249

Department	Users	Usage
Chemistry	11	66
Physics	13	99
Zoology	26	176

Nodal Coordinator	Head of the Institute	Institute Stamp / Seal
		ANNASAHEB AWATE COLLEGE MANCHAR

Principal
Annasaheb Awate Arts, Commerce &
Hutma Babu Genu Science College,
Manchar Tal.Ambegaon, Dist. Pune

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Workshop Report - 2024 Date:02-03-2024

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

NCID : 249

Department	Users	Usage
Zoology	31	187

Nodal Coordinator

Principal
Annasaheb Awate Arts, Commerce &
Hutatma Babu Genu Science College,
Manchar, Tal.Ambegaon, Dist.Pune
Head of the Institute

Institute Stamp / Seal

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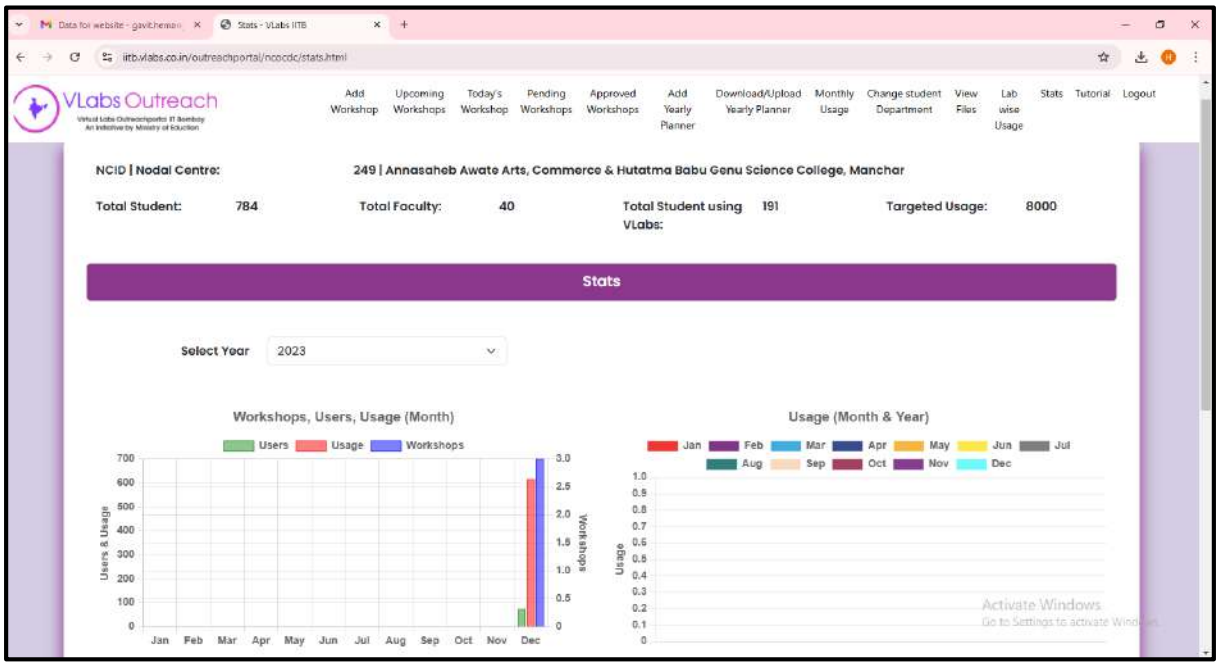
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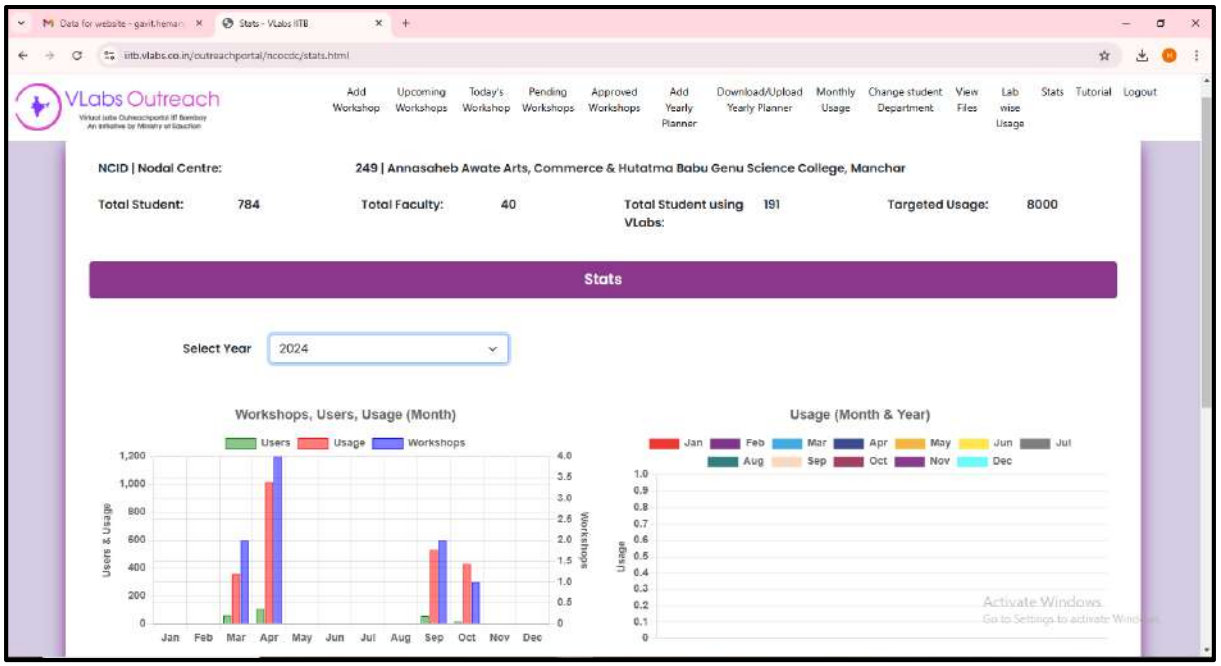
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Manchar, Tal. Ambegaon, Dist. Pune

VIRTUAL LABS NODAL CENTRE STATISTICS A.Y. 2023-24



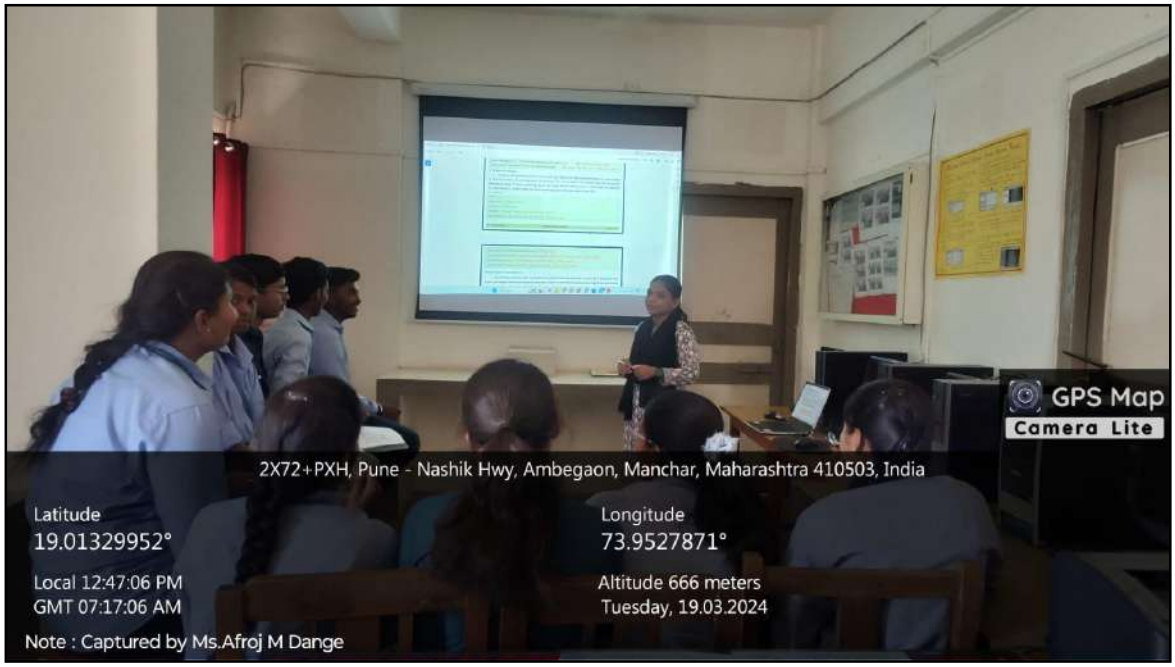


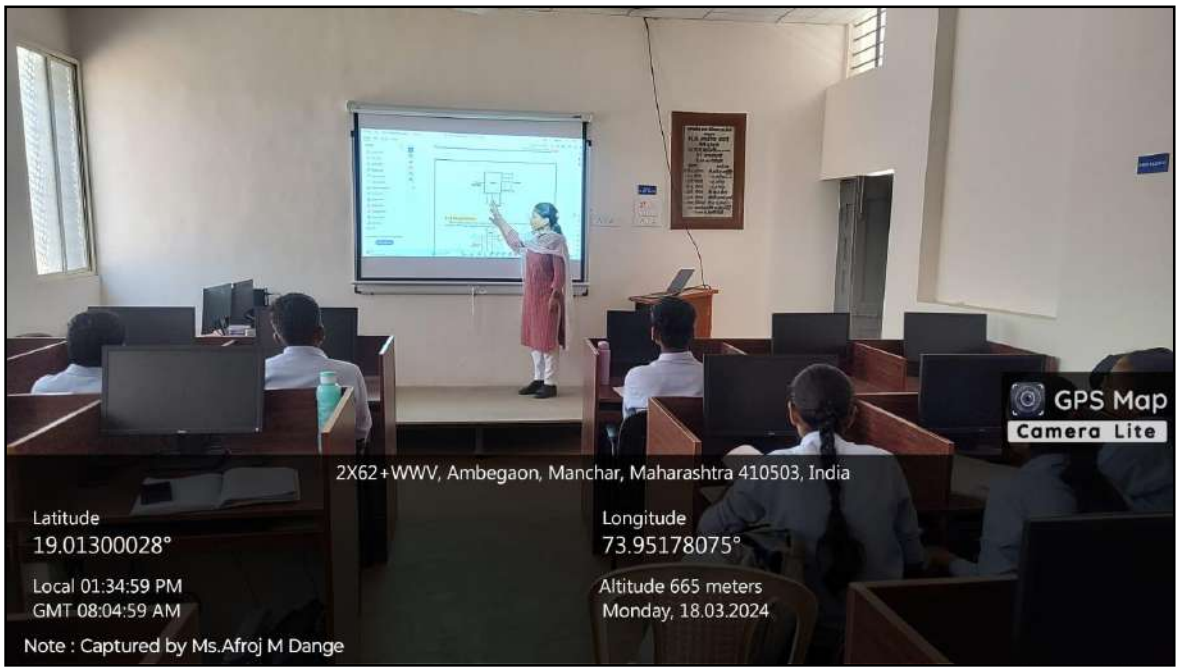
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Manchar, Tal. Ambegaon, Dist. Pune

VIRTUAL LABS NODAL CENTRE A.Y. 2023-24
PRACTICAL SESSIONS





Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College

Manchar, Tal. Ambegaon, Dist. Pune

VIRTUAL LABS NODAL CENTRE A.Y. 2023-24

PRACTICAL SESSIONS





Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College

Manchar, Tal. Ambegaon, Dist. Pune, Maharashtra, INDIA – 410503

GeoGebra : mathematics software

REPORT

Title : **GeoGebra**

Organizers : **Department of Mathematics**

Date : **07/08/2023**

Venue : **Mathematics computer lab, Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar**

INTRODUCTION:

GeoGebra is a free, open-source, interactive mathematics software that combines geometry, algebra, and calculus in one powerful package. GeoGebra was created in 2001 by Markus Hohenwarter, a mathematician and computer scientist. Since then, it has evolved into a comprehensive platform with a global community of users.

KEY OBJECTIVES:

1. Interactive Geometry: Create and manipulate geometric shapes, such as points, lines, circles, and polygons.
2. Algebra and Calculus: Work with equations, functions, and graphs, including 3D graphs.
3. Dynamic Modeling: Create interactive models of real-world phenomena, such as physics, engineering, and economics.
4. Collaboration: Share and collaborate on GeoGebra files with others in real-time.
5. Export and Share: Export GeoGebra files as images, videos, or interactive web pages.

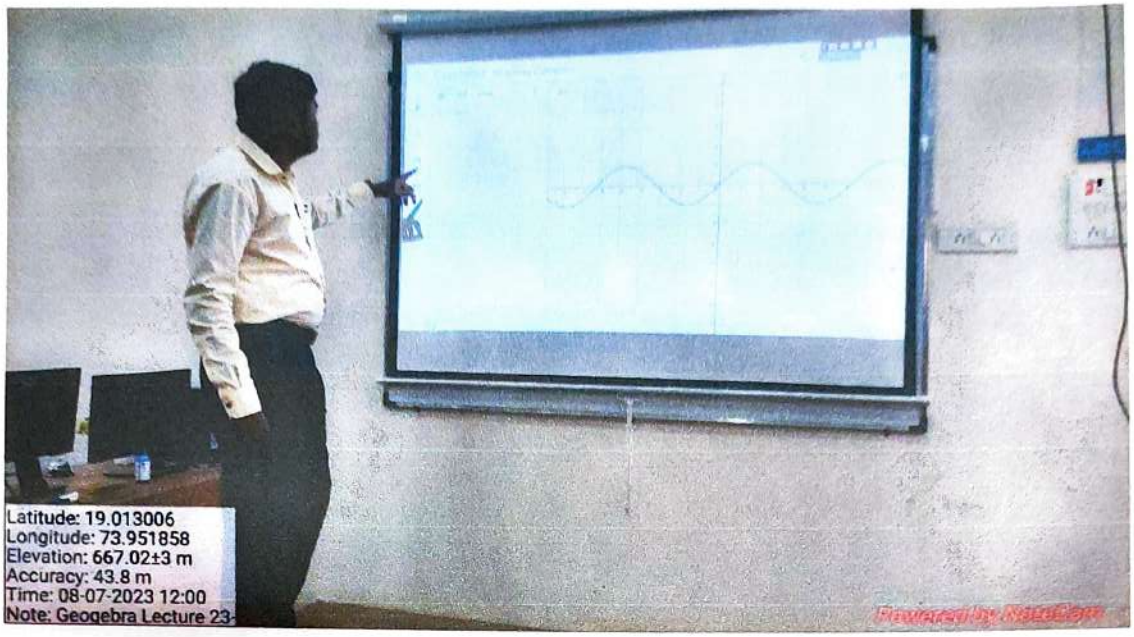
Link : https://www.geogebra.org/classic?lang=en

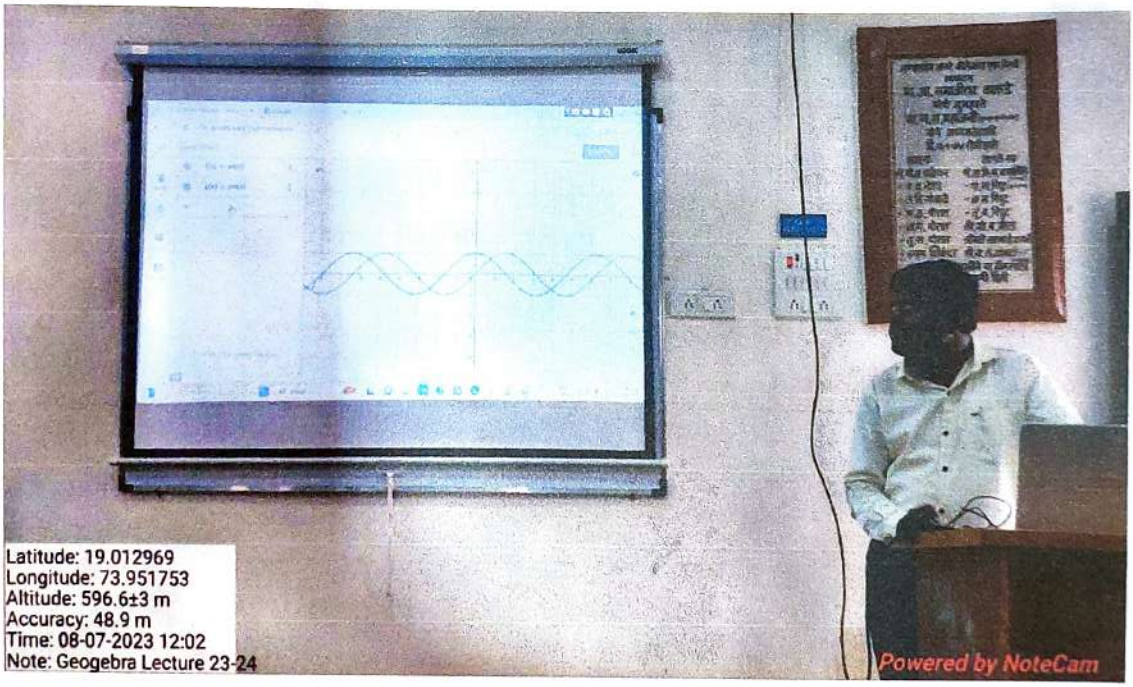
Benefits:

1. Improved understanding: Interactive visualizations help students develop a deeper understanding of mathematical concepts.

2. Increased engagement: GeoGebra's interactive nature makes math more enjoyable and engaging for students.

3. Enhanced problem-solving: GeoGebra helps students develop problem-solving skills by allowing them to explore and experiment with mathematical concepts.


Latitude: 19.013006
Longitude: 73.951858
Elevation: 667.02±3 m
Accuracy: 43.8 m
Time: 08-07-2023 12:00
Note: Geogebra Lecture 23-
Powered by NoteCam


Latitude: 19.012969
Longitude: 73.951753
Altitude: 596.6±3 m
Accuracy: 48.9 m
Time: 08-07-2023 12:02
Note: Geogebra Lecture 23-24
Powered by NoteCam

Rayat Shikshan Sanstha's

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

Department of Mathematics

Online learning Module – Geogebra

Date : 07/08/2023

Sr.No.	Name	Sign
1)	Ghule Somesh Nilesh	Ghule
2)	shinde Aishwarya Bharat	
3)	Dharade vaishali santosh	
4)	Dhengale Karishma Lalchand	
5)	Thorat Shraddha Bhaguji	
6)	Abhang Sayali Sachin	
7)	Ranpise Siddhi Santosh	
8)	chikhale shweta Tukaram	
9)	Korote Pallavi subhash	
10)	Lohakare pooja kantaram	
11)	Lohakare Pmija kantaram	

Subject teacher

Mr. Rokade M D

Head

Department of Mathematics

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Tal. Ambegaon, Dist. Pune, Maharashtra, INDIA – 410503

Desmos : online graphing calculator

REPORT

Title : **Desmos**

Organizers : **Department of Mathematics**

Date : **19/03/2024**

Venue : **Mathematics computer lab, Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar**

INTRODUCTION:

Desmos is a online graphing calculator that allows users to visualize and explore mathematical relationships in a dynamic and interactive way.

Some of Desmos' key features include:

1. Graphing: Desmos can graph a wide range of functions, including linear, quadratic, polynomial, rational, exponential, and trigonometric functions.

2. Interactive graphs: Users can interact with graphs by dragging sliders, clicking and dragging points, and more.

3. Table of values: Desmos can generate tables of values for functions, making it easy to explore relationships between variables.

4. Statistics and regression: Desmos offers tools for statistical analysis, including regression, correlation, and more.

5. Geometry: Desmos allows users to create and manipulate geometric shapes, including points, lines, circles, and more.

6. Mathematical notation: Desmos supports mathematical notation, making it easy to enter and manipulate mathematical expressions.

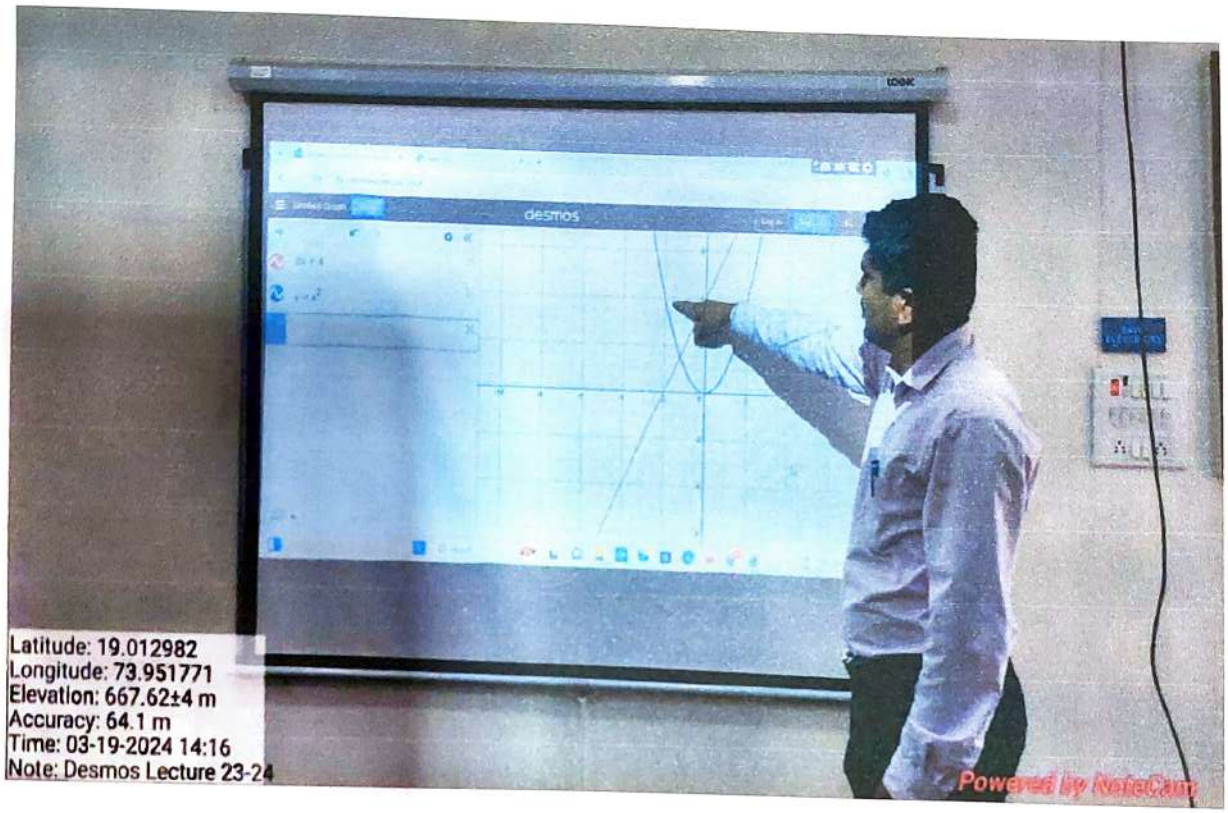
7. Sharing and collaboration: Desmos allows users to share graphs and activities with others, making it a great tool for collaboration and classroom use.

KEY OBJECTIVES:

1. To help students develop a deeper understanding of mathematical concepts and relationships.

2. To explore mathematical concepts, visualize relationships, and develop problem-solving skills.
3. To visualize data, explore mathematical relationships, and communicate complex ideas.

Link : https://www.desmos.com/calculator



Rayat Shikshan Sanstha's

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

Department of Mathematics

Online learning Module – Desmos

Date : 19/03/2024

Sr.No.	Name	Sign
1)	Dhengale Kanishma Lalchand	
2)	Dhatade Vaishali santosh	
3)	Jinde Akshaykarya Bharat	
4)	Ranpise Siddhi Santosh	
5)	Abhang Suyali Suchin	
6)	Thorat Shraddha Bhaggiy	
7]	Karote Pallavi subhash	
8)	chikhale shweta Tukaram	
9)	Lohakare pooja kantaram	
10	Lohakare priya kantaram	
1.		

Mr. Shete R.K.
Subject Teacher

Head
Department of Mathematics

Rayat Shikshan Sanstha's
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Tal. Ambegaon, Dist. Pune, Maharashtra, INDIA – 410503

Introduction to Online Learning Module: Symbolab

REPORT

Title : **Symbolab**

Organizers : **Department of Mathematics**

Date : **17/01/2024**

Venue : **Mathematics Computer Lab, Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar**

INTRODUCTION:

Symbolab is online learning module designed for to enhance mathematical problem solving skills. It is powerful tool for mathematics equation solving and step by step answer. It assists educator in understanding various subjects like calculus, linear algebra, geometry. It gives representation of graph of function.

KEY OBJECTIVES:

1. Practice mathematics topics.
2. Accuracy and improvement in problem solving.
3. Improve Subject knowledge.

PROGRAM OVERVIEW:

Department of Mathematics , Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar conducted Symbolab software introducing to students on 17/01/2024.



Rayat Shikshan Sanstha's

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

Department of Mathematics

Online learning Module – Symbolab

Date : 17/01/2024

Sr.No.	Name	Sign
1)	Dharade Vaishali Santosh	
2)	Dhengale Kanishma Lalchand	
3)	shinde Aishwarya Bharat	
4)	Abhang Sayali Sachin	
5)	Thorat Shraddha Bhaguji	
6)	Ranpise Siddhi Santosh	Siddhi
7)	Karote Pallari Subhash	Pallari
8)	chikhale Shweta Tukaram	Chikhale
9)	Lohalkare Poonja kantaram	Poonja
10)	Lohalkare. Pooja kantaram	

Subject teacher

Mrs. Rokade M D

Head

Department of Mathematics

Rayat Shikshan Santha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Tal. Ambegaon, Dist. Pune 410503
Department of Electronic Science
ICT Enabled Tools 2023-24

ICT-enabled tools for effective teaching and learning process

The Institute follows ICT-enabled teaching in addition to traditional classroom education. Subsequent efforts are taken by the institute to provide an e-learning atmosphere in the classroom. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

ICT Tools:

1. Projectors- 1 projectors are available in lab.
2. Desktop and Laptops- There are 6 Computers in the lab.
3. Printers- They are installed at the Labs.
4. Seminar Rooms- 1 seminar halls are equipped with all digital facilities.
5. Auditorium- It is digitally equipped with mike, projector, cameras and computer system
6. Online Classes through, Google Meet, and Google Classroom.

Use of ICT By Faculty

A. PowerPoint presentations- Faculties are encouraged to use PowerPoint presentations in their teaching by using LCDs and projectors. They are also equipped with digital libraries, online search engines and websites to prepare effective presentations.

B. Industry Connect- Seminars and Conference rooms are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.

C. Video Conferencing- Students are counselled with the help of Zoom / Google Meet applications.

D. Video lecture- Recording of video lectures is made available to students for long-term learning and future referencing.

E. Online competitions- Various technical events such as Poster making, Project presentations, paper presentations etc. are being organized with the help of various Information Communication Tools.

F. Workshops- Teachers use various ICT tools for conducting workshops on the latest methods such as Orcad, Proteus, Programming languages, simulations etc.

List of Software's

Sr. No	List of Software's	Sr. No	List of Software's
1	Dev CPP	6	Falsestad
2	Verilog-Xilinx	7	LTSpice
3	ATMEL_AVR	8	Arduino
4	Proteus	9	MPLAB
5	Orcad	10	Mutisim

ANNASAHEB AWATE COLLEGE MANCHAR

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

मराठी वेब साईट्स

अ.न.	वेब साइटचे नाव	संस्था / प्रकार
1	https://sahitya.marathi.gov.in	महाराष्ट्र राज्य साहित्य आणि संस्कृती मंडळ
2	http://www.esahity.com	साहित्य प्रतिष्ठान
3	https://sanskritdocuments.org/scannedbooks/msblc_dev.html	महाराष्ट्र राज्य साहित्य आणि संस्कृती मंडळ
4	https://sahityachintan.com/	साहित्य चिंतन ई - ग्रंथालय
5	https://www.marathimati.com/p/marathi-literature.html	मराठी साहित्य
6	https://www.masapapune.org/books	महाराष्ट्र साहित्य परिषद
7	http://www.dli.ernet.in/	जुने मराठी ग्रंथ
8	www.esahity.com	मराठी पुस्तके
9	http://antaraal.com/	मराठी साहित्य
10	http://www.chaprak.com/	मराठी साहित्य
11	http://www.maanbindu.com/marathi	मराठी साहित्य
12	https://msblc.maharashtra.gov.in	मराठी साहित्य, संस्कृती जोपासना
13	http://misalpav.com/	मराठी साहित्य, ववविध अभ्यासपूर्ण लेख
14	http://aisiakshare.com	मराठी साहित्य, ववविध अभ्यासपूर्ण लेख
15	http://www.maayboli.com/	मराठी साहित्य, ववविध अभ्यासपूर्ण लेख
16	http://www.manogat.com/	मराठी साहित्य, ववविध अभ्यासपूर्ण लेख
17	http://www.pahawemanache.com	नाटक-चित्रपट परीक्षण, परिचय
18	http://mr.vikaspedia.in/InDG	मराठीसहित २१ भाषांमध्ये, विविध विषयांवरची माहिती
19	http://marathibhasha.org/	मराठी परिभाषा कोश
20	https://marathivishwakosh.maharashtra.gov.in/	मराठी विश्वकोश
21	https://mr.wikipedia.org	मराठी विकिपीडिया

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22	http://www.bookganga.com/eBooks/	बुकगंगा – जवळपास जगातील प्रत्येक पुस्तकाची प्रस्तावना वाचू शकता आणि विविध पुस्तके विकतदेखील घेऊ शकता
23	http://www.thinkmaharashtra.com/	महाराष्ट्राला वाहिलेले संकेतस्थळ
24	http://www.transliteral.org/	विविध शब्द आणि जुने साहित्य
25	http://mympsc.com/Marathi	मराठी सामान्यज्ञान
26	http://ketkardnyankosh.com/	केतकर ज्ञानकोश
27	http://ebalbharati.in/	बालभारती पुस्तके
28	http://www.marathiworld.com/	मराठी वैविध्यपूर्ण माहिती
29	http://www.gadima.com/	गदिमा
30	http://msblc.maharashtra.gov.in	महाराष्ट्र राज्य साहित्य आणि संस्कृती मंडळाची प्रकाशने
31	http://coe.maharashtra.gov.in	भाषा संचालनालयाची प्रकाशने
32	www.mahathivishwaksosh.in व www.vishwakosh.org.in	महाराष्ट्र राज्य मराठी विश्वकोश निर्मिति मंडळाची प्रकाशने
33	www.htedu.maharashtra.gov.in	शिक्षण विभागाची प्रकाशने

मराठी विभाग प्रमुख
अण्णासाहेब आवटे महाविद्यालय,
मंचर, पुणे.

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Dr. B.P.Gardi :

Sr.No.	Video Link	Subject	Class
1	https://www.youtube.com/watch?v=9rEUWH_skw4&t=178s	दगड दवाखाना	FYBA
2	https://www.youtube.com/watch?v=yTmsLU7Q-RE	बाजा	FYBA
3	https://www.youtube.com/watch?v=Svw3wZmTB38	वापसी	FYBA
4	https://www.youtube.com/watch?v=QCyNI1-A1bM	शुभमंगल सावधान	FYBA
5	https://www.youtube.com/watch?v=554AG17MIfY&t=330s	कष्टाची भाकरी	FYBA
6	https://www.youtube.com/watch?v=qqCDXrjbbAg&t=90s	साहित्याचे स्वरूप 1	SYBA
7	https://www.youtube.com/watch?v=mzyaDqxOpIY	साहित्याचे स्वरूप 2	SYBA
8	https://www.youtube.com/watch?v=fktEfzwN6iY	साहित्याचे शब्दरूप	SYBA
9	https://www.youtube.com/watch?v=1ZH-xsll_DY	आस्वादक समीक्षा	MA II
10	https://www.youtube.com/watch?v=ChVyFLFsL8k	उठावण	FYBA
11	https://www.youtube.com/watch?v=Ok4hK_FoRsA	पाऊस आला मोठा	FYBA
12	https://www.youtube.com/watch?v=8W8ZlPqOp8Q&t=6s	लाल चिखल	FYBA
13	https://www.youtube.com/watch?v=2uM4NdS9P0c	जेंव्हा मी जात चोरली होती	FYBA
14	https://www.youtube.com/watch?v=Ju3nSmxYS2E	कथा साहित्य प्रकार	FYBA
15	https://www.youtube.com/watch?v=n-QmMbrLjHk	भाषिक कौशल्य - श्रवण	FYBA
16	https://www.youtube.com/watch?v=Usi-vNgWzPE	भाषिक कौशल्य- लेखन	FYBA
17	https://www.youtube.com/watch?v=3d3OhSTKZQQ	भाषण संभाषण	FYBA
18	https://www.youtube.com/watch?v=g8oJnt5U8Zs	वाचन कौशल्य	FYBA
19	https://www.youtube.com/watch?v=zaNzijSMpoc	वाचनाचे महत्व	FYBA
20	https://www.youtube.com/watch?v=1dxpCyn7_9Q	श्रवण कौशल्य	FYBA
21	https://www.youtube.com/watch?v=sFSWDfj-BzU	एकांकिका	FYBA
22	https://www.youtube.com/watch?v=p89I-WCYVWQ	एकांकिका 2	FYBA
23	https://www.youtube.com/watch?v=nInDd-6VUo4	एकांकिकाचे घटक	FYBA
24	https://www.youtube.com/watch?v=NYeTE0leGek	संशोधांनाची साधने	MA II
25	https://www.youtube.com/watch?v=7LzU2lLwWL8	संशोधकाचे गुण	MA II
26	https://www.youtube.com/watch?v=HROorj5LKEU	संशोधनाची प्रयोजने	MA II
27	https://www.youtube.com/watch?v=GVgU7h1GRI0	संशोधनाची उपयुक्तता	MA II
28	https://www.youtube.com/watch?v=nI0hORnZgDY	संशोधनाच्या व्याख्या	MA II
29	https://www.youtube.com/watch?v=cliTqNmfGD0	संशोधनाचे स्वरूप	MA II
30	https://www.youtube.com/watch?v=wlAvBEDJCAg	साहित्य संशोधन - स्वरूप	MA II
31	https://www.youtube.com/watch?v=XJ5M4QX2S2M	शुभमंगल सावधान	FYBA

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32	https://www.youtube.com/watch?v=x_crGG5JX2g	साहित्याची सामाजिकता	SYBA
33	https://www.youtube.com/watch?v=NHaBqz8Nyf4	साहित्यातील अनुभवांचे विशेष	SYBA
34	https://www.youtube.com/watch?v=OvflIkpK-73c	साहित्याची प्रयोजने	SYBA
35	https://www.youtube.com/watch?v=ch__BOc_toc	साहित्याची प्रयोजने 2	SYBA
36	https://www.youtube.com/watch?v=soSEZDcYYrQ	साहित्याची प्रयोजने 3	SYBA
37	https://www.youtube.com/watch?v=P4Jr_f4u-JE&list=PLnvaVenEZ6Q7OpKP93WNGKIE96fHJ1zcp&index=11	साहित्याची निर्मितीप्रक्रिया	SYBA
38	https://www.youtube.com/watch?v=XHYxu86DPxk&list=PLnvaVenEZ6Q7OpKP93WNGKIE96fHj1zcp&index=12	साहित्यनिर्मितीच्या शक्ती	SYBA
39	https://www.youtube.com/watch?v=mefiV_nz_B4&list=PLnvaVenEZ6Q7OpKP93WNGKIE96fHj1zcp&index=13	साहित्यिकाचे व्यक्तिमत्व	SYBA
40	https://www.youtube.com/watch?v=5VTo2W7GiuU&list=PLnvaVenEZ6Q7OpKP93WNGKIE96fHj1zcp&index=14	साहित्याची निर्मितीप्रक्रिया 2	SYBA
41	https://www.youtube.com/watch?v=x_crGG5JX2g&list=PLnvaVenEZ6Q7OpKP93WNGKIE96fHj1zcp&index=15	साहित्याची सामाजिकता	SYBA

R.P.Muthe :

Sr.No.	Video Link	Subject	Class
1	https://www.youtube.com/watch?v=VCX-UGmQpMc	केली पण शेती	F.Y.B.Com.
2	https://youtu.be/x_ZO6ZRkiKw	केली पण शेती भाग 2	F.Y.B.Com.
3	https://www.youtube.com/watch?v=QUDoa7msoks	केली पण शेती भाग 1	F.Y.B.Com.
4	https://www.youtube.com/watch?v=IdtpMp_fDGg	सहकारी चळवळ आणि शेती सुधारणा भाग 4	F.Y.B.Com.
5	https://www.youtube.com/watch?v=0WLSyFCeqKQ	सहकारी चळवळ आणि शेती सुधारणा भाग 3	F.Y.B.Com.
6	https://www.youtube.com/watch?v=2YLLgFU9Xys	सहकारी चळवळ आणि शेती सुधारणा भाग 2	F.Y.B.Com.
7	https://www.youtube.com/watch?v=uHR9B7ePZpI	सहकारी चळवळ आणि शेती सुधारणा भाग 1	F.Y.B.Com.
8	https://www.youtube.com/watch?v=8a0xlCzmGxI	निबंध लेखन	F.Y.B.Com.
9	https://www.youtube.com/watch?v=b8IKMuINnpI	मम्मटाची प्रयोजणे भाग 3	T.Y.B.A.
10	https://www.youtube.com/watch?v=oul6jTYtK2A	साहित्याचे प्रयोजन भाग 1	T.Y.B.A.
11	https://www.youtube.com/watch?v=1ZbzASy2dF4	साहित्याचे स्वरूप भाग 1	T.Y.B.A.
12	https://www.youtube.com/watch?v=3qDkxdggHow	साहित्याचे स्वरूप भाग 3	T.Y.B.A.

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13	https://www.youtube.com/watch?v=XhJHF-fLJgE	साहित्याचा आस्वाद भाग 2	T.Y.B.A.
14	https://www.youtube.com/watch?v=RdvfY7xQ8Ns	साहित्य विचार भाग 1	T.Y.B.A.

Dept. Activity :

Sr.No.	Video Link	Activity Name
1	https://www.youtube.com/watch?v=iBbs7bpto4A	मराठी भाषा गौरव दिन
2	https://www.youtube.com/watch?v=IIARISbPbeo	मराठी भाषा संवर्धन पंधरवडा
3	https://www.youtube.com/watch?v=Nem5vntqaG4	सावित्रीबाई फुले जयंती
4	https://www.youtube.com/watch?v=uyHUc3JI144	वक्तृत्व स्पर्धा उद्घाटन

मराठी विभाग प्रमुख
अण्णासाहेब आवटे महाविद्यालय,
मंचर, पुणे.

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Rayat Shikshan Sanstha's

Annasaheb Awate, Art's, Commerce and Hutatma Babu Genu Science College, Manchar.

Department of History

2023-24

❖ **Historical Movies**

- **Mohenjodaro-**
- **Ashoka-**
- **Jodhaa Akbar-**
- **Chhatrapati Shivaji-**
- **Rashtraveer Shivaji-**
- **Gandhi- My Father-**
- **The Legend of Bhagat Singh-**
- **The Rising: Ballad of Mangal Pandey-**

❖ **History Important Website Links For Students**

1. **Rayat knowledge Bank**
2. **Ntist databace**
3. **Delnet Databace**
4. **Library Website- www.Library.rbnbcollege.com**
5. **Shodhganga- Indian Thesis (Phd)**
6. **E-pg Pathashala**
7. **Brief History of India- www.historyindia.org**
8. **Wikipedia- History of India**
9. **Manas- University of California at los Angeles**
10. **Internel India History sourcebook- for dham University**
11. **www.VLIndia History**
12. **http://www.civilserviceindia.com**
13. **www.historytuition.com**

14. http://www.quora.com
15. http://guides.lib.udel.edu
16. https//archaeology-travel.com
17. www.bestwebsiteinindia.com
18. https:www.ancient.eu
19. www.art-and-archeaology.com
20. http://www.historyindia.com

ANNASAHEB AWATE COLLEGE MANCHAR

For - Parade

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

रयत शिक्षण संस्थेचे,

अण्णासाहेब आवटे, आर्ट्स, कॉमस आणि हुतात्मा बाबू गेणू सायन्स कॉलेज, मंचर

इतिहास विभाग

२०२३.२४

व्हिडीओ लेक्चर यादी

अ.क्र .	व्हिडीओ लेक्चर विषय	लिंक
१	साधने आणि : भारत प्रारंभिक प्रागैतिहासिक काळ	https://youtu.be/nkuzKg7iB-4
२	मानवतावाद :आधुनिक जगाचा बौद्धिक इतिहास आणि नवनिर्मितीचा काळ भाग१	https://youtu.be/qsslSs-ESQM
३	मानवता -आधुनिक जगाचा बौद्धिक इतिहास २-आणि नवनिर्मितीचा काळ भाग	https://youtu.be/OUAqH2pIWWQ
४	दिल्ली सुलतानशाहिची :मध्ययुगीन भारत स्थापना	https://youtu.be/YNPKvgburtk
५	वाङ्मयीन साधने -दिल्ली सुलतानशहिची स्थापना	https://youtu.be/NDH-P8GTzkM
६	१-प्रोटेस्टंट धर्मसुधारणा चळवळ भाग	https://youtu.be/tDBa4kQ6f58
७	प्रोटेस्टंट धर्मसुधारणा चळवळ भाग २	https://youtu.be/-JJA8CSOiOA
८	मानवतावाद आणि नवनिर्मितीचा काळकला - आणि स्थापत्य	https://youtu.be/YSVNScm3G6M
९	मराठा राजतंत्राची स्थापना -मराठा राजतंत्र	https://youtu.be/JRSsfUjtWMA
१०	राज्यक्रांती प्रबोधन आणि फ्रेंच	https://youtu.be/CssHOD1mAps
११	महामंदी	https://youtu.be/Fh5IIP42kPA
१२	मोघल साम्राज्याची स्थापना	https://youtu.be/bdeoEq5hBUk
१३	कारणे -दुसरे महायुद्ध	https://youtu.be/oDE6I7TSfy4
१४	शुंग व सातवाहन काळ -मध्य आशियाशी संबंध	https://youtu.be/DIudat1FKf8
१५	-शुंग व सातवाहन काळ -मध्य आशियाशी संबंध परकीय आक्रमणाचा भारतीय संस्कृतीवरील परिणाम	https://youtu.be/-xqhUeH9big

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१६	मध्ययुगीन आणि -भारतीय शेतकरी चळवळ आधुनिक	https://youtu.be/cEFZzYEZm4A
१७	एक दृष्टीक्षेप -आधुनिक जग	https://youtu.be/mkbyDbTtH_o
१८	औद्योगिक क्रांतीचे परिणाम -क्रांतीचे युग	https://youtu.be/LS3KwhvCIsQ
१९	प्राचीन भारताची संकलाना	https://youtu.be/-j9vsdtxKT4
२०	(१८१८ते १७०७) मराठ्यांचा इतिहास	https://youtu.be/bT0RpNwDN0A
२१	१-हुकुमशाहीचा उदय भाग	https://youtu.be/SR7O7aSL594
२२	२- हुकुमशाहीचा उदय भाग	https://youtu.be/GV6Qd4kBwJA
२३	कान्स्ययुगीन सभ्यता -हडप्पा संस्कृती	https://youtu.be/5uBQPWmqNGU
२४	इतिहासाची साधने	https://youtu.be/RpReOfQ-axw
२५	साधने आणि प्रागैतिहासिक :प्रारंभिक भारत – काळ पुरातत्वीय साधने	https://youtu.be/7vbQYejetbU
२६	शेतकऱ्यांचे स्तरीकरण	https://youtu.be/FnugLyTEYmo
२७	रशियन राज्यक्रांतीचे परिणाम	https://youtu.be/BDGWK2t_tYI
२८	अभिलेखागार आणि मौखिक इतिहास	https://youtu.be/iUu6MBFsPkc
२९	शिवाजी .छ महाराजांचा राज्याभिशेक	https://youtu.be/JwrSvOltfQM

ANNASAHEB AWATE COLLEGE MANCHAR

For - Barode

Head,
Department of History
Annasaheb Awate College, Manchar (Pune

रयत शिक्षण संस्थेचे,

अण्णासाहेब आवटे, आर्ट्स, कॉमस आणि हुतात्मा बाबू गेणू सायन्स कॉलेज, मंचर

इतिहास विभाग

२०२३.२४

व्हिडीओ लेक्चर यादी

प्रा. पारधी सर

अ.क्र .	लिंक	व्हिडीओ लेक्चर विषय
१	https://youtu.be/9eWbzsYPmJI	मराठ्यांच्या उदयाची कारणे भाग २
२	https://youtu.be/9eWbzsYPmJI	मराठ्यांच्या उदयाची कारणे भाग ४
३	https://youtu.be/eK6-_w3GrC0	मराठ्यांच्या उदयाची कारणे भाग ४
४	https://youtu.be/eK6-_w3GrC0	**मरठी सत्तेचा उदय**
५	https://youtu.be/cpy_wGrsFRA	**मराठ्यांचा इतिहास**
६	https://youtu.be/ZQCAtbsgJtE	**छत्रपती संभाजी राजे**
७	https://youtu.be/ZQCAtbsgJtE	**छत्रपती संभाजी राजे आणि स्वातंत्र्य युद्ध**
८	https://youtu.be/ZQCAtbsgJtE	**छत्रपती संभाजी राजे आणि स्वातंत्र्य युद्ध**
९	https://youtu.be/1hQts_wWnxw	**छत्रपती संभाजी राजे**
१०	https://youtu.be/D9eudmCq6IA	**छत्रपती संभाजी राजे**
११	https://youtu.be/MEyxu60BCj0	**छत्रपती शिवाजी महाराजांचे प्रशासन**
१२	https://youtu.be/P1hAv-IbgP8	**छत्रपती शिवाजी महाराजांचे प्रशासन**
१३	https://youtu.be/lygjVLg4avY	स्वराज्याची स्थापना
१४	https://youtu.be/wcnknEiS67U	स्वराज्याची स्थापना
१५	https://youtu.be/zWV1A8NuS1U	स्वराज्याची स्थापना

ANNASAHEB AWATE COLLEGE MANCHAR

For Parade

Head,
Department of History
Annasaheb Awate College, Manchar (Puna

ICT Lecture No.:
Notice

All the students of ...S.Y.B.Voc.....

Here by informed that ICT enabled lecture will be conducted on at

24/03/2023...in .Department of BVoC

Topic/Subject(s) for Role Play:

Accounting for Amalgamation

Schedule for ICT Lecture No.

Roll NO	Name of Student	Activity Allotted	Remarks
1201	Ajab Rushikesh	Rajab	
1204	Gade Sanket	Gade	
1202	Bambale Jayshree		
1206	Lokhande Ganesh	Ganesh	
1205	Gaikwad Ravina	R.B. Gaikwad	
1202	Bhalerao Sneha.	Bhalerao.	

Madhe R.A.
Name and Signature of the Teacher

ANNASAHEB AWATE COLLEGE, MANCHAR
B.Voc (Accounting & Taxation)

Signature of Head of Department

HOD
Department of B.Voc
(Accounting & Taxation)
Annasaheb Awate Arts, Commerce &
Hutatma Babu Genu Science College,

ICT Lecture No.:
Attendance Sheet

Class: S.Y. BVOC

Name of Subject Paper: Financial Reporting

Date and Time: 24/03/2025, 8.45 am to 9.30 am

Roll No.	Name of Student	Signature	Roll No.	Name of Student	Signature
1)	Kade Sanket	Kade			
2)	Ajab Rushikesh	Ajab			
3)	Bambale Jayshree				
4)	Lokhande Ganesh	Ganesh			
5)	Gaikwad Ravina	R.B.Gaikwad			
6)	Bhalerao Sanket	Bhalerao			

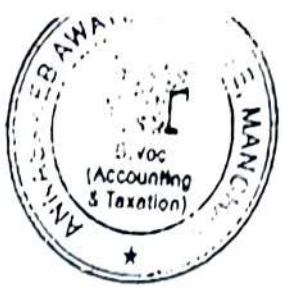
Name and Signature of the Teacher: Madhe R.A

ANNASAHEB AWATE COLLEGE, MANCHAR
B.Voc (Accounting & Taxation)

Signature of Head of Department

HOD
Department of B.Voc
(Accounting & Taxation)
Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College,
Manchar, Tal.Ambegaon, Dist.Pune

A Brief Report Teacher's Concluding Remarks



For awareness of Financial statements of a company I hade arranged a ICT lecture for S.Y. Bvoc class date 24/03/2024. In this lecture through ~~it~~ You-tube students gave meaningful knowledge about the Amalgamation of companies & Methods of Amalgamation of a company.

Signature of the Teacher

HOD
Department of B.Voc
(Accounting & Taxation)
Annasaheb Awate Arts, Commerce &
Hutatma Babu Genu Science College,
Manchar, Tal.Ambegaon, Dist.Pune

Signature of the HoD

Signature of the Principal

ONLINE TEST/ONLINE QUIZ
Notice

All the students of ...B.Voc (Accounting & Taxation)...

Here by informed that **ONLINE TEST/ONLINE QUIZ**
Will be conducted on at

11/04/2023 ...in ...Dept of B.Voc.

Topic/Subject(s) for Role Play:
Indian financial system

Schedule for ONLINE TEST/ONLINE QUIZ

Roll NO	Name of Student	Activity Allotted	Remarks
1801	Bhagawat Shweta		
1802	Bhor Aishwarya		
1803	Borhade kajal		
1804	Dongare Poojal		
1805	Gawade Shubhangi		
1806	Kaduskar Mayur		
1807	Kashikar Abhishek		
1808	Pabale Swapnali		
1809	Pokharkar Nikita.		
1810	Sawant Pankaj.		
1811	Shete Aarti		
1812	Tambade Pratik		

Name and Signature of the Teacher

for HOD
Signature of Head of Department

ONLINE TEST/ONLINE QUIZ

Attendance Sheet

Class: T.Y.B.Voc

Name of Subject Paper: Indian Financial system

Date and Time: 11/04/2021

Roll No.	Name of Student	Signature	Roll No.	Name of Student	Signature
	Bhagawat ~~Sure~~ Shweta	Bhagwat		Tambade Ankit.	
	Bhor Aishcourya	Bhor.A			
	Borhade kajal	Borhade			
	Dongare Pranjal	~~Dongare~~			
	Gawade Shubhang	Gawade			
	~~Kadusdkar Abhishek~~				
	Kashikar Abhishek	KAS			
	Kadusdkar mayur	Kadusdkar			
	Pabale Swapnali	Pabale			
	Pokharkar Nikita	Nikita			
	Shete Aarti	Shete			

Name and Signature of the Teacher

for HOD

Signature of Head of Department

Department of B Voc(Acco & Tax)
Annasaheb Awate College
Manchar Tal.Ambegaon Dist.Pune

A Brief Report Teacher's Concluding Remarks

Quiz Competition was taken on 11/04/2023 for the student of T.Y.B.Voc (Accounting & Taxation) on Role of Indian financial system. in B.voc (Accounting & Taxation) Department. A total 12 student were present for this Competition. The student Approach to ~~the~~ competition was possitive.

Signature of the Teacher

for

Signature of the HoD

HOD

Department of B Voc(Acco & Tax)
Annasaheb Awate College
Manchar Tal.Ambegaon Dist.Pune

Signature of the Principal

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

Department of b.voc. (Accounting and Taxation)

Quiz Competition (Mark-list)

Sub -Indian Financial System

Date: 11/4/2023

Marks	Student Name
8 / 12	Gawade shubhangi santosh
7 / 12	Pokharkar Nikita Uttam
9 / 12	Aishwarya sabhaji bhor
8 / 12	Mayur kaduskar
6 / 12	Kashikar Abhishek Shankar
9 / 12	Tambade pratik dattatray
8 / 12	Bhagwat shweta anil
7 / 12	Arati Suresh shete
7 / 12	Pankaj pandharinath sawant
8 / 12	Pranjal khandu dongare
9 / 12	Swapnali Vishnu pable
9 / 12	Kajal borhade

Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College

Manchar, Tal. Ambegaon, Dist. Pune

Department of b.voc. (Accounting and Taxation)

Quiz Competition –Question paper

Sub -Indian Financial System **Date: 11/4/2022**

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1) _____ allocates saving efficiently in an economy to ultimate users either for Investment in real assets or for consumption.

a) Economic system

b) Banking system

c) Financial system

d) Market system

2) Which of the following is not a regulatory institution in Indian financial system?

a) RBI

b) CIBIL

c) SEBI

d) IRDA

3) _____ is regarded as a queen of Indian financial system.

a) SEBI

b) RBI

c) Finance Ministry

d) BSE

4) National Housing bank is a fully owned subsidiary of_____.

a) HDFC

b) HSBC

c) RBI

d) HUDCO

5) Financial institutions are also known as _____

a) Financial organization

b) Financial intermediaries

c) Financial system

d) Any of the above

6) _____is the first development financial institution in India.

a) IDBI

b) ICICI

c) IFCI

d) RBI

7) IDBI was established in _____.

a) 1948

b) 1954

c) 1992

d) 1964

8) _____is an apex institution to coordinate, supplement and integrate the Activities of all existing specialized financial institutions.

a) IFCI

b) IDBI

c) RBI

d) SEBI

9) Which of the following is not an asset held by Commercial Banks?

a) Bills of Exchange

b) Current Account Deposits

c) Money Lent at short Notice

d) Credit Balances with the Reserve Bank

10) Which of the following combinations is correct?

a) NABARD--------Industrial Loan

b) RBI----------Long term Finance

c) RRB----------Agriculture Finance

d) IDBI----------Short Term Loans

11) Which of the following is not an organized sector in India?

a) Nationalized Banks

b) Regional Rural Banks

c) Cooperative Banks

d) Chits and Money lenders

12) In which year was the Banking Regulation Act passed?

a) 1949

b) 1955

c) 1959

d) 1969

Reports

Lac Operon_Molecular Biology

Sunday, April 28, 2024 at 10:19 PM

Show Names Show Responses Show Results

NAME	SCORE %	1	2	3	4	5	6	7	8	9	10
Aditi thorat	✓ 78%	✓ C	✗ A	✓ A	✓ C	✓ C	✓ B	- A	✗ C	✓ C	✓ A
Divya Kengale	✓ 67%	✓ C	✓ C	✓ A	✓ C	✗ A	✗ C	- A	✗ C	✓ C	✓ A
Gawade omkar	✓ 56%	✓ C	✓ C	✓ A	✗ A	✗ A	✗ A	- A	✓ B	✗ A	✓ A
Ghodekar Namrata	✓ 89%	✓ C	✓ C	✓ A	✓ C	✓ C	✓ B	- A, B	✓ B	✓ C	✗ C
kajal gawade	✓ 89%	✓ C	✓ C	✓ A	✗ A	✓ C	✓ B	- A	✓ B	✓ C	✓ A
Ketan Somavanshi	✓ 56%	✓ C	✗ A	✗ D	✗ A	✗ A	✓ B	- A	✓ B	✓ C	✓ A
Misba Inamdar	✓ 89%	✓ C	✓ C	✓ A	✓ C	✓ C	✓ B	- A	✓ B	✓ C	✗ C
Pradnya Waykar	✓ 56%	✓ C	✓ C	✓ A	✗ A	✓ C	✗ A	- B	✗ C	✓ C	✗ C
Pratnamesh Gabhale	✓ 78%	✓ C	✓ C	✗ B	✓ C	✓ C	✓ B	- A	✓ B	✓ C	✗ C
Rutuja Lande	✓ 78%	✓ C	✓ C	✓ A	✓ C	✓ C	✗ A	- A	✓ B	✓ C	✗ C
Saksni Kondhawale	✓ 89%	✓ C	✓ C	✓ A	✓ C	✓ C	✗ C	- A	✓ B	✓ C	✓ A
sonal kirve	✓ 56%	✓ C	✗ B	✓ A	✗ B	✓ C	✗ A	- B	✓ B	✗ A	✓ A
Teja Jangale	✓ 100%	✓ C	✓ C	✓ A	✓ C	✓ C	✓ B	- B	✓ B	✓ C	✓ A
Waluni Sakshi	✓ 78%	✓ C	✓ C	✓ A	✗ A	✓ C	✓ B	- A	✗ C	✓ C	✓ A
14 Class Total		100%	79%	86%	57%	79%	57%		71%	86%	64%

socrative

Lac Operon_Molecular Biology 10 Questions

1. How many structural genes are present in a lac operon?

0/14 **A** 1

0/14 **B** 2

14/14 **C** 3

0/14 **D** 4

2. What does the structural gene lac Y of a lac operon code for?

2/14 **A** Beta-galactosidase

0/14 **B** Transacetylase

11/14 **C** Permease

0/14 **D** Glucagon

3. Which of the following is responsible for the switching on and off of the lac operon?

12/14 **A** lactose

1/14 **B** ethanol

0/14 **C** malate

1/14 **D** glucose

4. The wild-type *E. coli* cells are growing in a normal medium with glucose. They are transferred to a medium containing only lactose as sugar. Which of the following changes takes place?

0/14 **A** The Lac operon is repressed

1/14 **B** All operons are induced

8/14 **C** The Lac operon is induced

0/14 **D** *E. coli* cells stop dividing

5. To which sequence or molecule does a repressor bind?

3/14 **A** promoter

0/14 **B** RNA Pol

11/14 **C** operator

0/14 **D** enhancer

6. Which of the following events occurs at a Lac operon when lactose levels are high and glucose levels are low?

A cAMP levels decrease, triggering binding of CAP to RNA polymerase

B cAMP activates CAP, which binds to the Lac promoter

C cAMP activates CAP, which binds to the Lac repressor protein

D CAP binds to the ribosome to prevent translation

7. If the given medium contains lactose and glucose both, what will happen to lac operon?

A operon will be switched on

B operon will be switched off

8. Select the correct statement from below to justify the working of lac operon.

A glucose and galactose may bind to represson & inactivate it

B in the absence of lactose, repressor binds to operator

C if repressor binds to operator, the lac operon is switched ON

D in presence of glucose, CAP-cAMP complex forms due to activeness of adenylate cyclase

9. In lac operon, lactose molecule function as-

A inducer; binds to operator

B repressor; binds to operator

C inducer; binds to repressor

D repressor; binds to RNA Pol

10. Regulation of lac operon by repressor is referred to as:

A inducible regulation

B repressible regulation

C negative regulation

D positive regulation