

Pune District Education Association's
Seth Govind Raghunath Sable College of Pharmacy, Saswad

The Classrooms with ICT facility



Classroom:-1



Classroom:- 2



Classroom:- 3



Classroom:- 4



Classroom:- 5

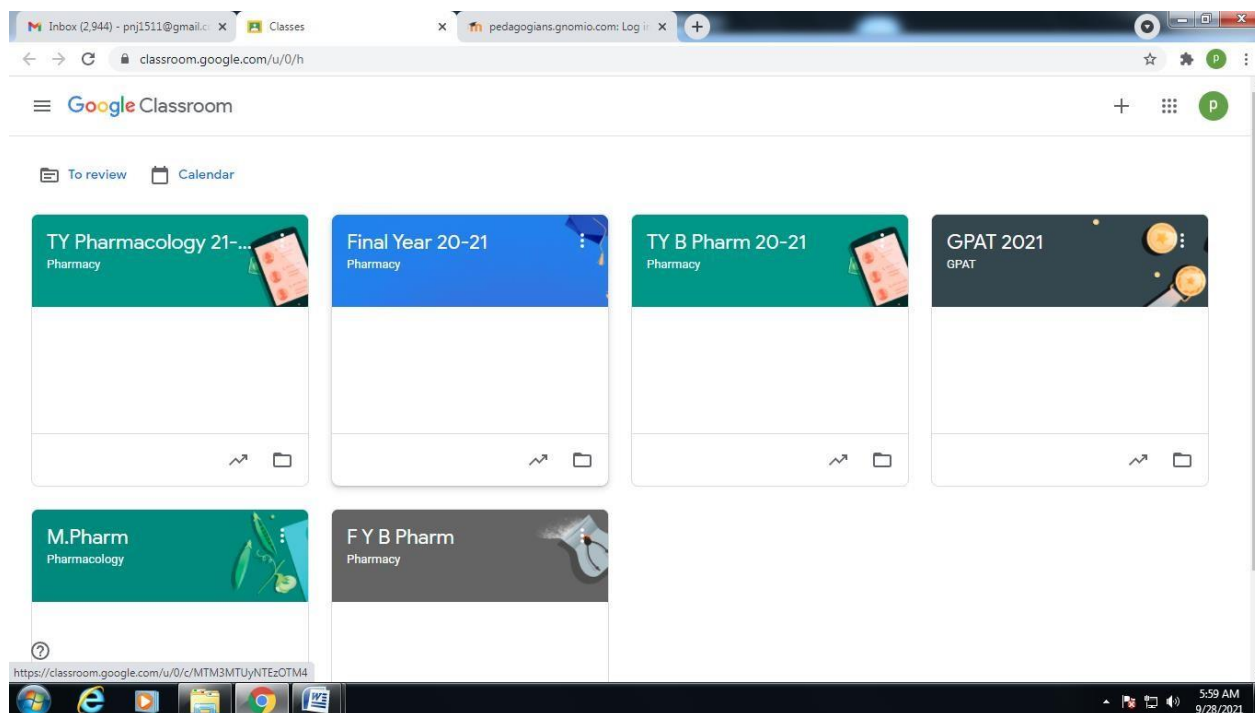
Link of Power Point presentation shared on online publication Tools

1. <https://www.slideshare.net/pradnyaJagtap5/techniques-for-the-study-of-molecular-pharmacology-94968844> Techniques for molecular pharmacology
2. https://www.slideshare.net/AshwiniShewale2/hypoglycemic-agents?qid=97deebf6-223c-4386-9be1-830305bebcc5&v=&b=&from_search=2 Hypoglycemia
3. <https://www.slideshare.net/pradnyaJagtap5/gel-electrophoresis-204821616> Gel electrophoresis
4. <https://www.slideshare.net/pradnyaJagtap5/gel-electrophoresis-205310072> Gel electrophoresis
<https://www.slideshare.net/pradnyaJagtap5/gene-therapy-208040183> Gene therapy
5. <https://www.slideshare.net/pradnyaJagtap5/endocrine-pharmacology-226774725> Endocrine Pharmacology
6. <https://www.slideshare.net/pradnyaJagtap5/toxicology> Toxicology

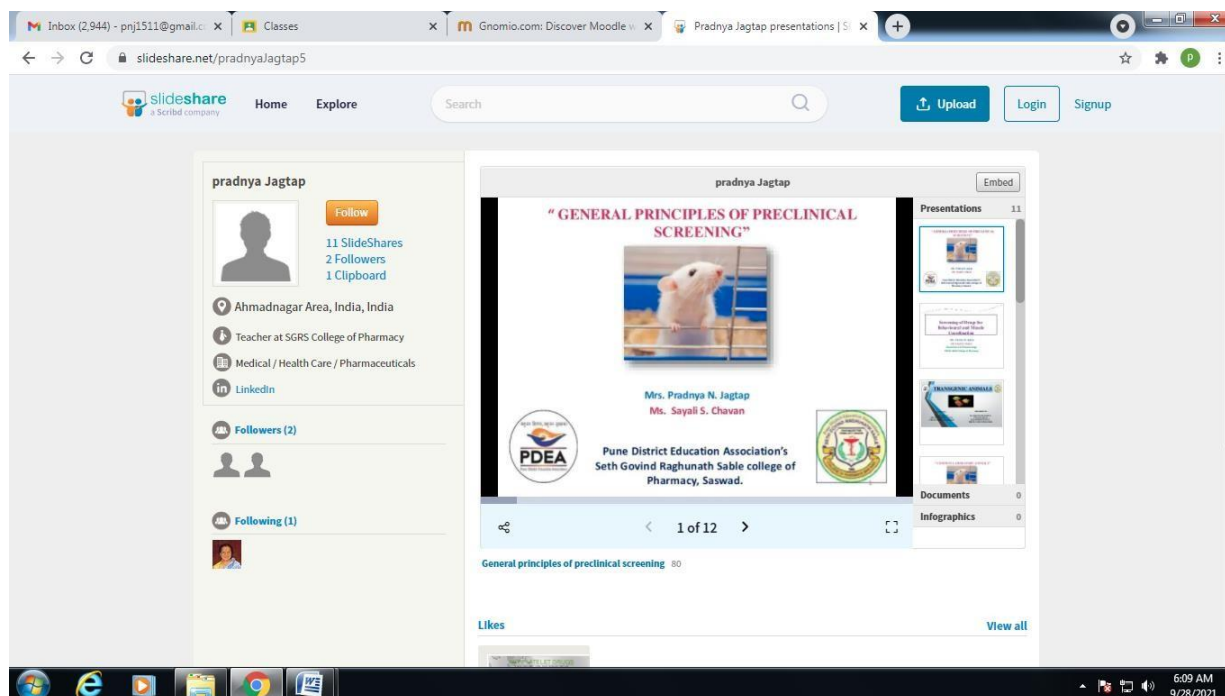
<https://live.upgrad.com/>

Sr.No	Link	Name	Topic Name
1	https://www.slideshare.net/pradnyaJagtap5/antiplatelet-drugs-238738616	P N Jagtap Gargi Tamboli Prajakta jagtap	antiplatelet
2	https://www.slideshare.net/pradnyaJagtap5/common-laboratory-animals-242463576	P N Jagtap Sayali Chavan	Common Laboratory Animals
3	https://www.slideshare.net/pradnyaJagtap5/transgenic-animals-242464847	P N Jagtap Pranesh Memane	Transgenic animals
4	https://www.slideshare.net/pradnyaJagtap5/screening-methods-for-behavioural-and-muscle-coordination	P N Jagtap Sayali Chavan	Screening Methods for behavioural and muscle Coordination
5	https://www.slideshare.net/pradnyaJagtap5/general-principles-of-preclinical-screening	P N Jagtap Sayali Chavan	General principles of preclinical screening

Google Classroom



PPT published on Slide Share



Gnomio

The screenshot shows a web browser window with multiple tabs. The active tab is 'sgrspharmacology.gnomio.com'. The browser address bar shows the URL 'sgrspharmacology.gnomio.com/index.php?1632834657'. The Moodle page header includes a 'Moodle' logo and a notification 'You are not logged in. (Log in)'. The main content area displays the website name 'sgrspharmacology.gnomio.com' and a welcome message: 'Welcome to your Moodle site. Now, you are in control!'. Below this, there are links to 'Moodle manuals', 'Moodle support site', and 'Moodle release notes'. A video player is embedded, showing a video titled 'What is Moodle? (2013)' with 'Watch later' and 'Share' buttons. The Windows taskbar at the bottom shows the time as 6:14 AM on 9/28/2021.

Ex. Pharm Software for Pharmacology Practicals

The screenshot shows a web browser window with multiple tabs. The active tab is 'Ex-Pharm Series Software'. The browser address bar shows the URL 'heb-nic.in/Ex-Pharm/index.php'. The software interface has a blue header with 'Virtual Lab' and 'Ex-Pharm Series Software'. Below the header, it says 'Welcome! Seth Govind Raghunath Sable College Of Pharmacy, Swarna'. The main content area is titled 'Experimental Pharmacology Series' and contains a table with seven rows, each representing a different experiment. Each row has a play button icon on the right. The Windows taskbar at the bottom shows the time as 3:11 AM on 10/11/2021.

Experimental Pharmacology Series		
*	Study of muscle relaxant activity with the help of "Rota-Rod Apparatus"	▶
*	Study of cns depressants & stimulants using "actophotometer".	▶
*	Study of analgesic activity with the help of "tail flick apparatus".	▶
*	Study of antihistaminic drugs with the help of histamin chamber.	▶
*	Study of analgesic activity with the help of "hot plate apparatus".	▶
*	Study of drugs acting on cns using "elevated plus maze".	▶
*	Study of anticonvulsant activity using "electro convulsimeter".	▶

GraphPad InStat Software for Research

GraphPad InStat - [DATASET1.ISD]

File Edit Data Steps Window Help

File Edit Data Steps Window Help

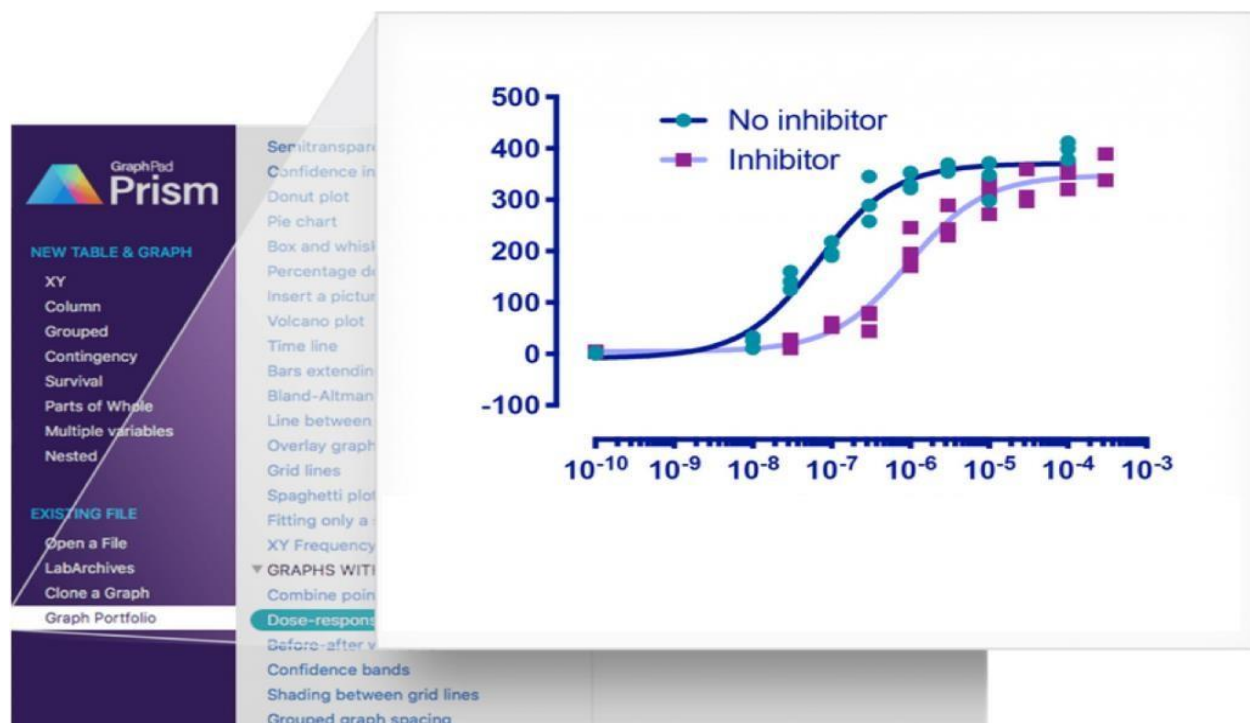
Title

	Group A	Group B	Group C	Group D	Group E	Group F	Group G	Group H	Group I	Group J	Group K
Col. title											
Mean	606.666666667	273	303.333333333	273	515.666666667	576.333333333	485.333333333				
Standard deviation (SD)	248.66	99.686	148.60	99.686	267.90	291.58	248.66				
Sample size (N)	6	6	6	6	6	6	6				
Std. error of mean(SEM)	101.51	40.696	60.667	40.696	109.37	119.04	101.51				
Lower 95% conf. limit	345.67	168.37	147.36	168.37	234.48	270.29	224.34				
Upper 95% conf. limit	867.66	377.63	459.31	377.63	796.85	882.38	746.33				
Minimum	364.00	182.00	182.00	182.00	182.00	182.00	182.00				
Median (50th percentile)	546.00	273.00	273.00	273.00	455.00	546.00	455.00				
Maximum	910.00	364.00	546.00	364.00	910.00	910.00	910.00				
Normality test KS	0.2630	0.3193	0.2929	0.3193	0.2143	0.2081	0.2370				
Normality test P value	>0.10	>0.10	>0.10	>0.10	>0.10	>0.10	>0.10				
Passed normality test?	Yes	Yes	Yes	Yes	Yes	Yes	Yes				

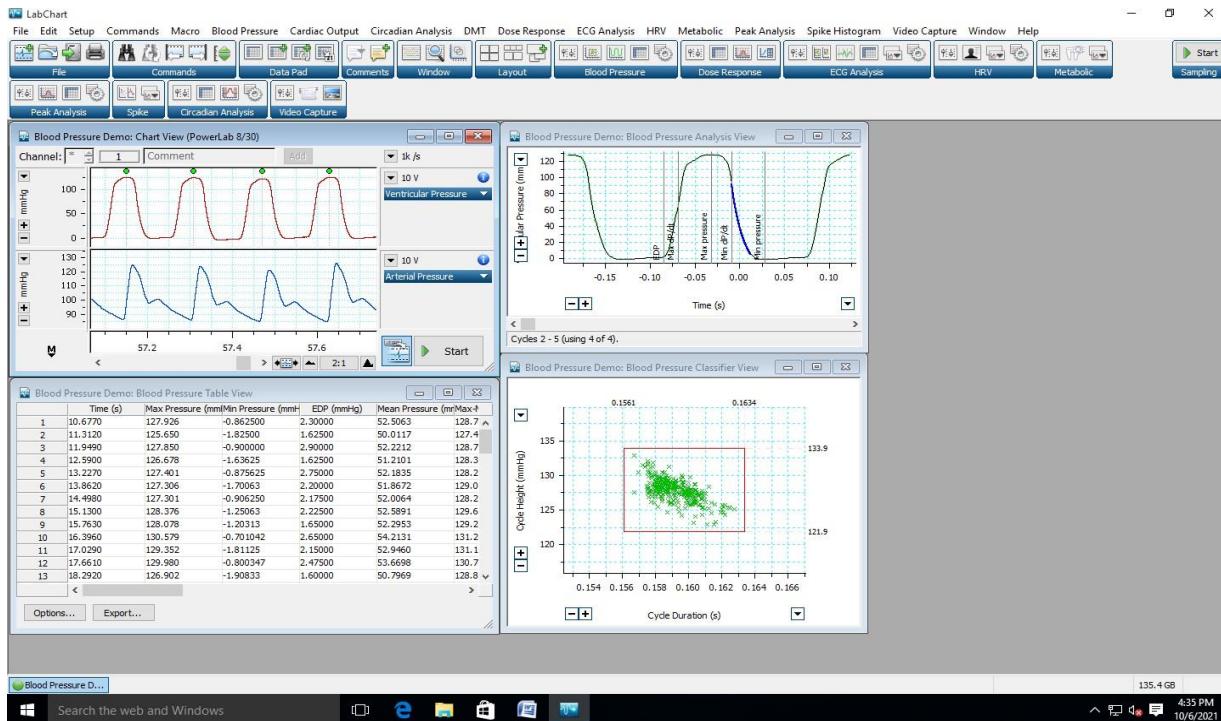
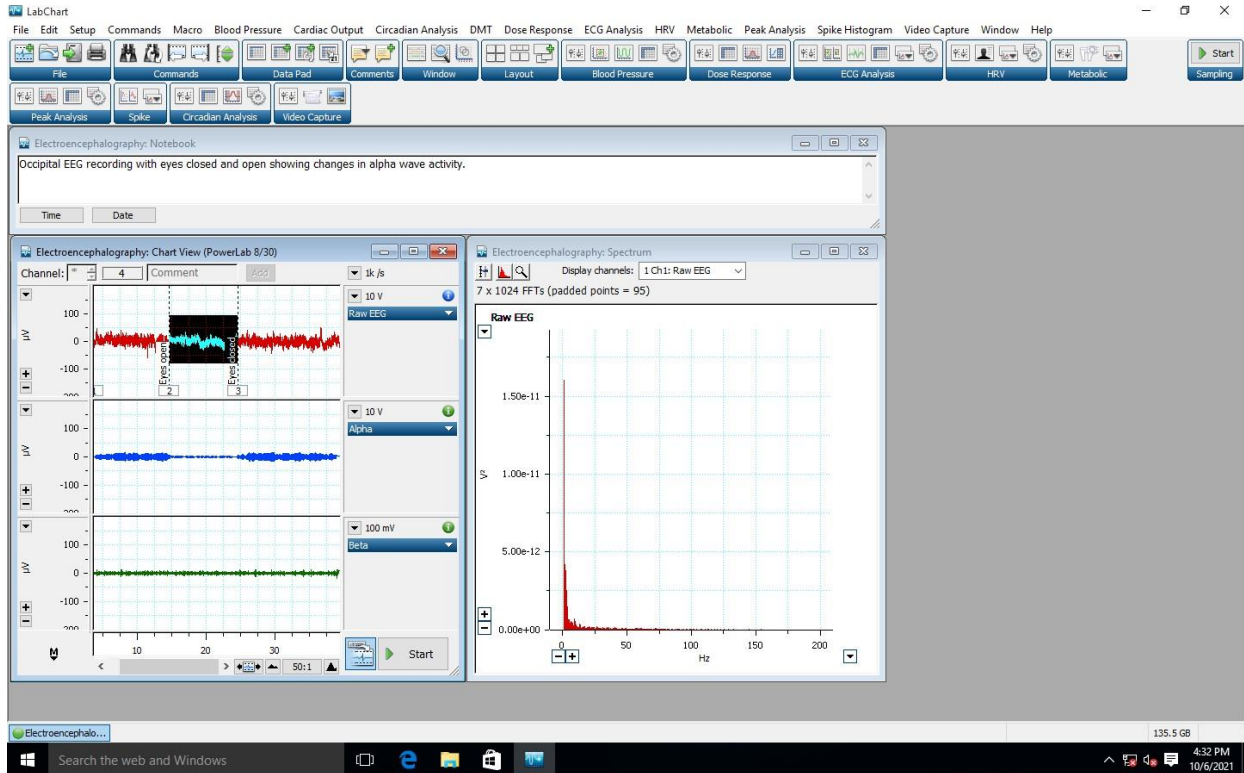
Explains the results Entering mean + SD Steps: 1st

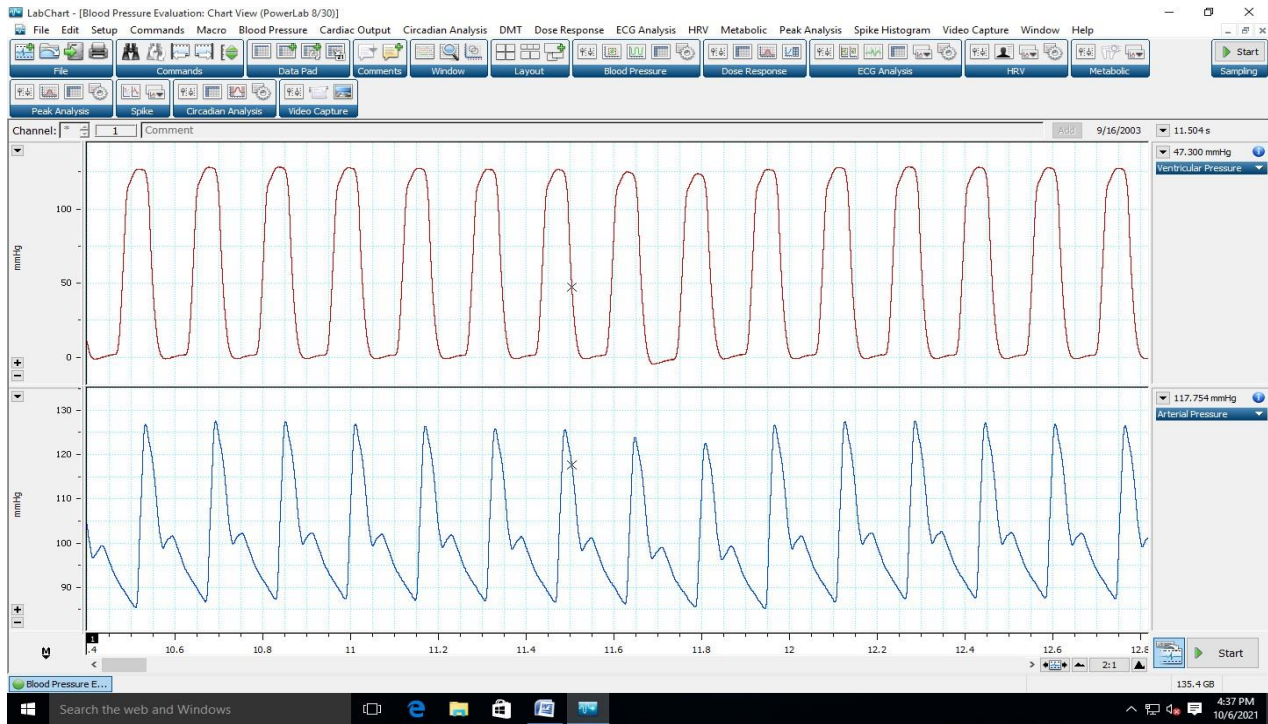
9:42 PM 10/11/2021

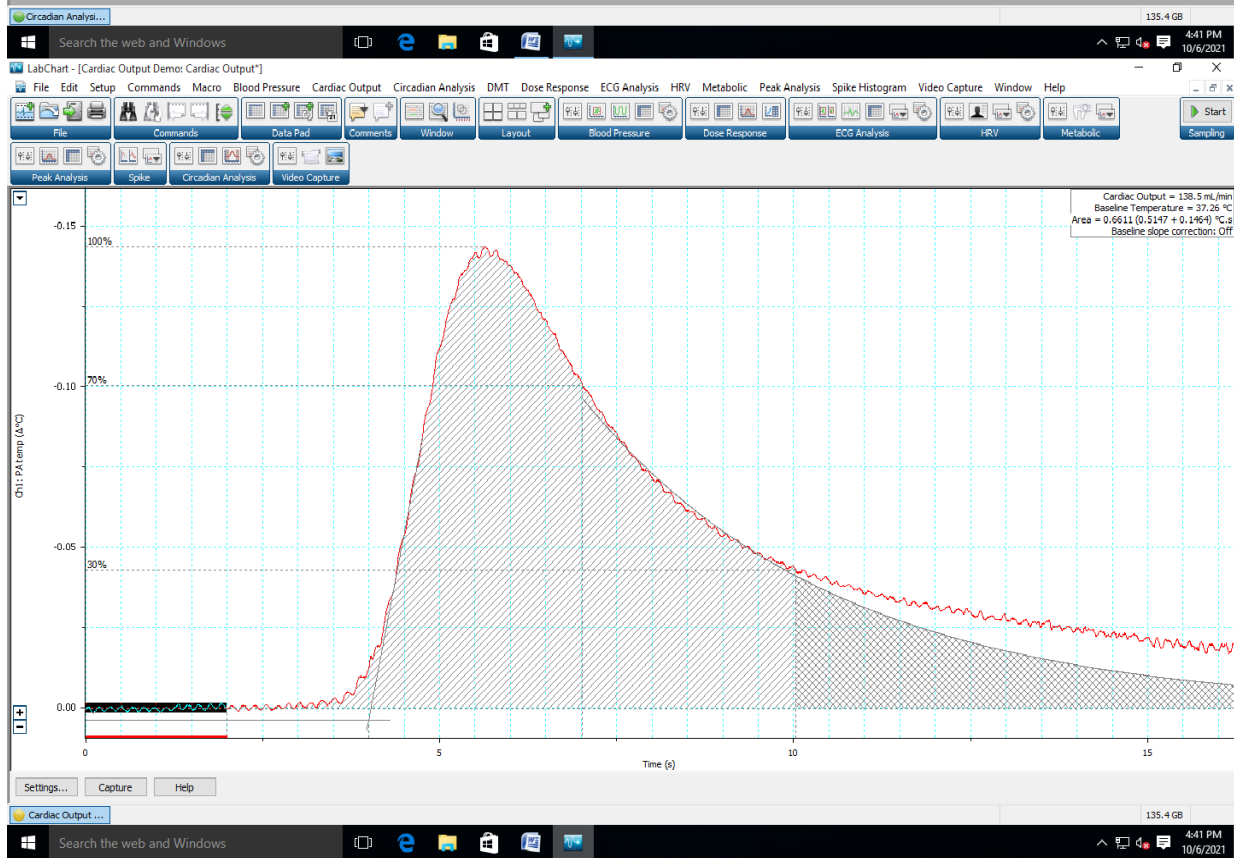
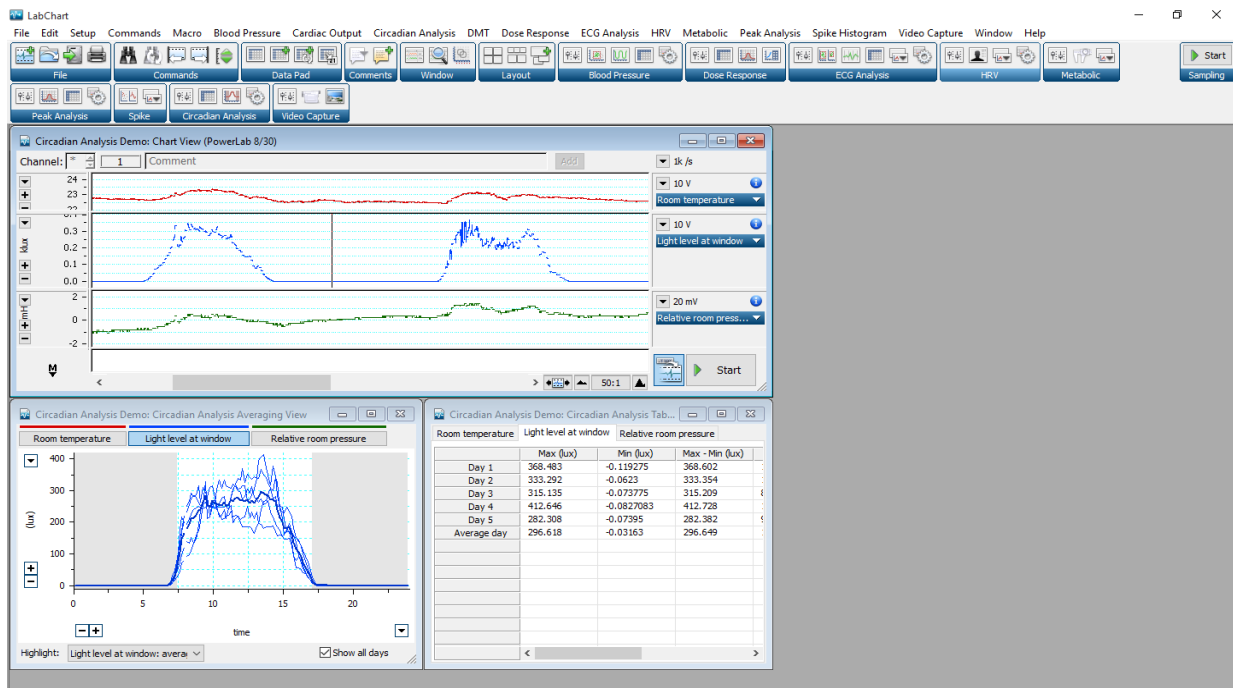
Graph Pad Prism software for Research

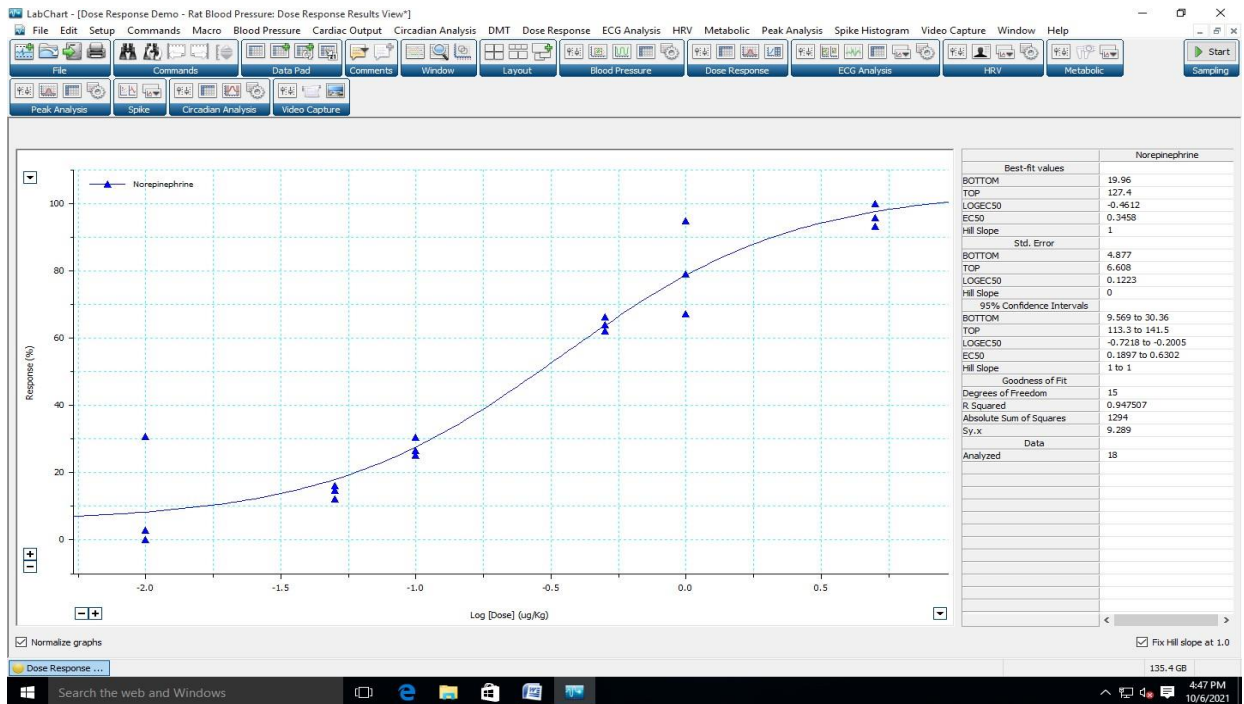
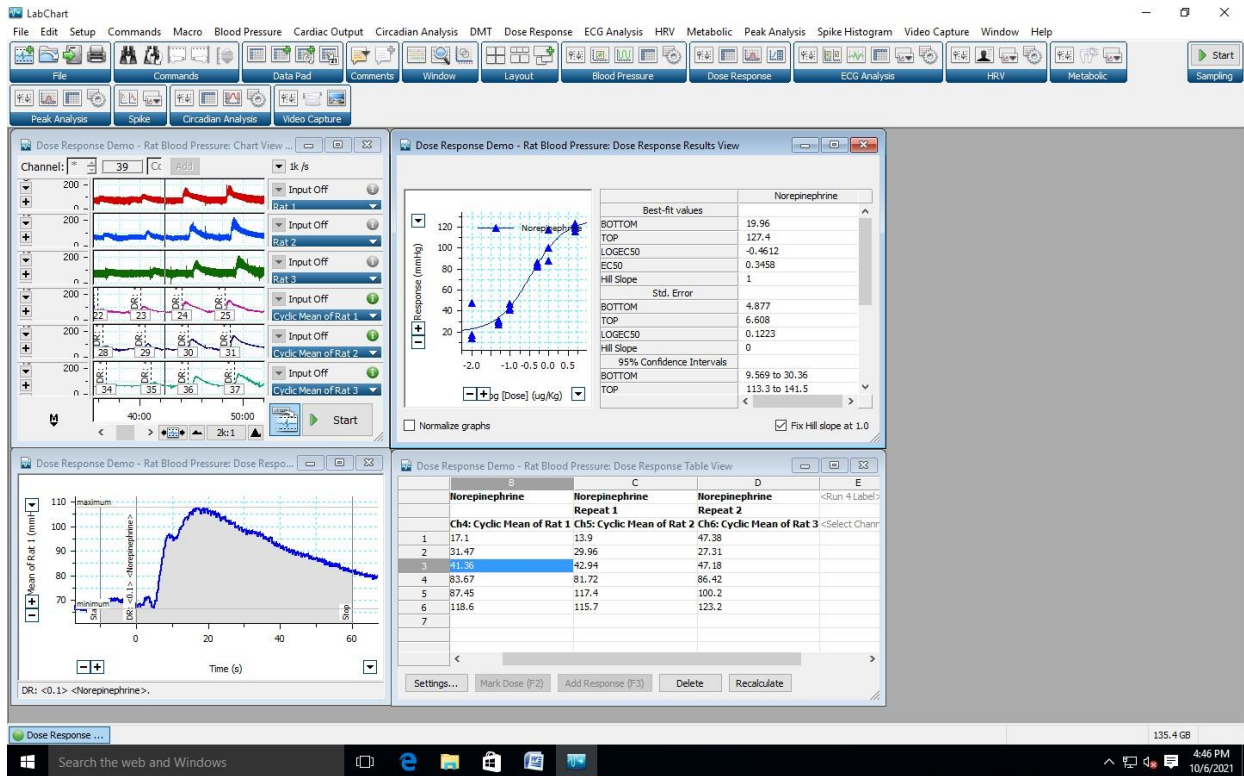


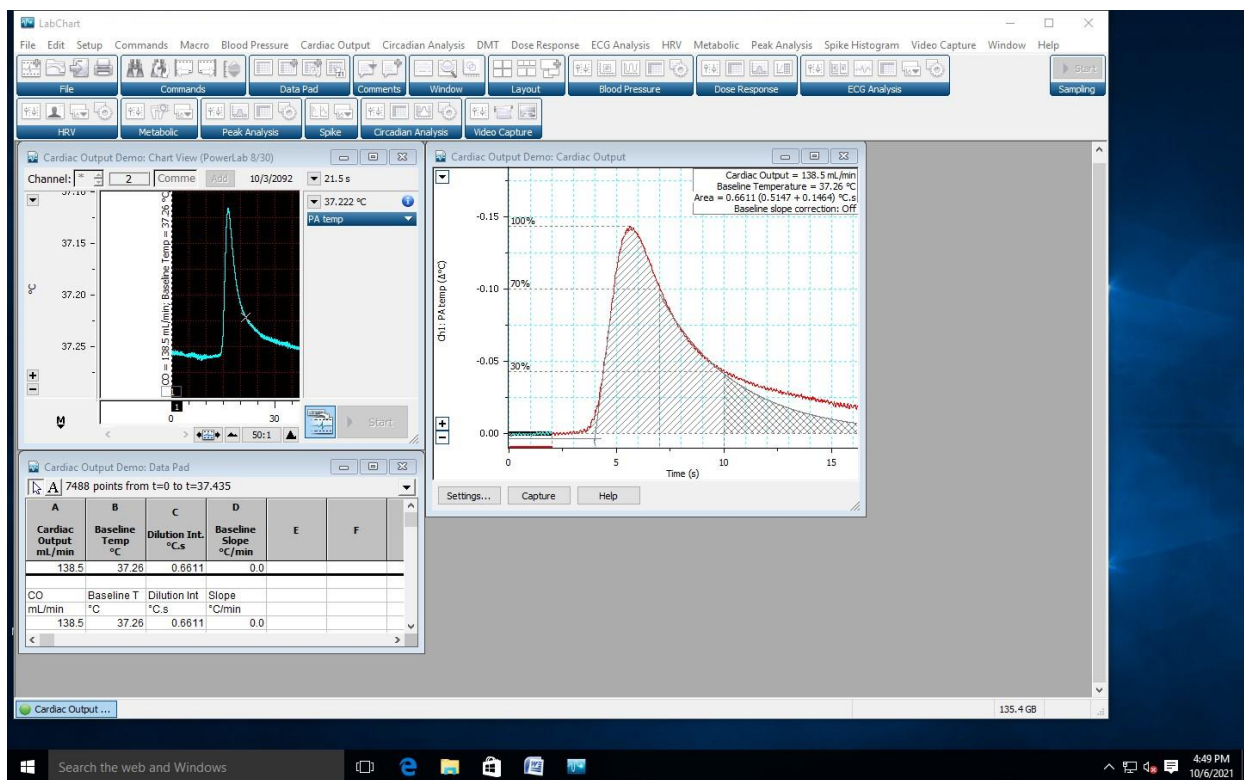
Power lab











Final Year B. Pharm.
Sem-VII



Teachers

Smita Pawar



GPAT 2021
GPAT



S.Y. B. Pharm.
Pharmaceutical Organic Chemistry-III



← → ↻ 🔒 pharmachem1.gnomio.com/course/view.php?id=2 🔍 ☆ 📧 📁 📌 📅 ⋮

Moodle

🔔 Jayashri Jagtap

POC-III

- Participants
- Badges
- Competencies
- Grades
- General
- UNIT-I & II: Stereoisomerism & Geometrical isomerism
- UNIT-III: Heterocyclic compounds
- UNIT-IV: Heterocyclic compounds
- UNIT-V: Name Reactions of Synthetic Importance
- Question bank
- Learning Objectives of POC-III
- Syllabus
- Dashboard

1. Explain Stereoisomers, conformational and configurational isomerism and stereoisomerism.

2. Write the reactions of chiral molecules.

3. Differentiate between stereoselective and stereospecific reactions.

4. Know racemic modification and its resolution.

5. Understand Asymmetric synthesis.

6. Explain different conformations of n- butane and cyclohexane.

Stereoisomerism ☒

Conformations of cyclohexane ☒

Optical isomerism ☒

Reactions of chiral molecules PPT ☒

Achiral and Chiral molecules ☒

Racemic modification and its resolution ☒

Asymmetric synthesis PPT ☒

Asymmetric synthesis PDF ☒

Asymmetric synthesis video ☒

UNIT-III : Heterocyclic compounds

Learning Objectives

By the end of this topic students should be able to:

1. To classify the heterocyclic compounds

2. Write structure and IUPAC nomenclature of heterocyclic compounds.

Overview of students

Course completion status

You are currently not being tracked by completion in this course.

View course report

2.1.2_1633947862...xlsx 2.4.3_1633947524...xlsx 2.1.2.xlsx 2.1.2_1633609589...xlsx 2.4.3_1633947524...xlsx Show all

Windows Taskbar: 4:01 PM 10/11/2021

Moodle

Dashboard
Site home
Calendar
Private files
Content bank
Site administration

*Pharmaceutical Organic Chemistry-II (2019 Pattern)

Scope:
This subject deals with general methods of preparation and reactions of some organic compounds. Reactivity of organic compounds is also studied here. The syllabus emphasizes on mechanism, orientation of reactions. Chemistry of fats and oils are also included in the syllabus.

Course outcomes:
On completion of the course, the student should be able to

1. Understand various molecular representations and their inter-conversions
2. Write the structure, name and the type of isomerism of the organic compound.
3. Account for reactivity/stability of compounds.
4. Write the reaction, name the reaction and orientation of reactions.
5. Prepare and identify small organic compounds.

*Pharmaceutical Organic Chemistry-I (2019F)

Scope: This subject deals with classification and nomenclature of simple organic compounds, isomerism, intermediates formed in reactions, important physical properties, reactions and methods of preparation of these compounds. The syllabus also emphasizes on mechanism and orientation of reactions.

Course outcomes:
Upon completion of the course the student shall be able to

1. Write the structure, name the reaction and the type of isomerism of the organic compound.
2. Know intermediates formed in reactions and important physical properties of organic compounds.
3. Write the reaction, name the reaction, mechanism and orientation of reactions.
4. Prepare small organic compounds.
5. Account for reactivity/stability of compounds.
6. Identify/confirm the identification of organic compounds.

*Pharmaceutical Organic Chemistry-III (2019 Pattern)

Scope: The subject imparts knowledge on stereochemical aspects of organic compounds and organic reactions, important name reactions, chemistry of important heterocyclic compounds. It also emphasizes on medicinal and other uses of organic compounds.

Course outcomes:
On completion of the course the student shall be able to

1. Know the structure with numbering of heterocyclic compounds, chemistry, methods of preparation and chemical reactions of five, six membered and fused heterocyclic rings.
2. Understand the methods of preparation and properties of organic compounds.
3. Explain the stereochemical aspects of organic compounds and stereo chemical reactions.
4. Know the medicinal uses and other applications of organic compounds.

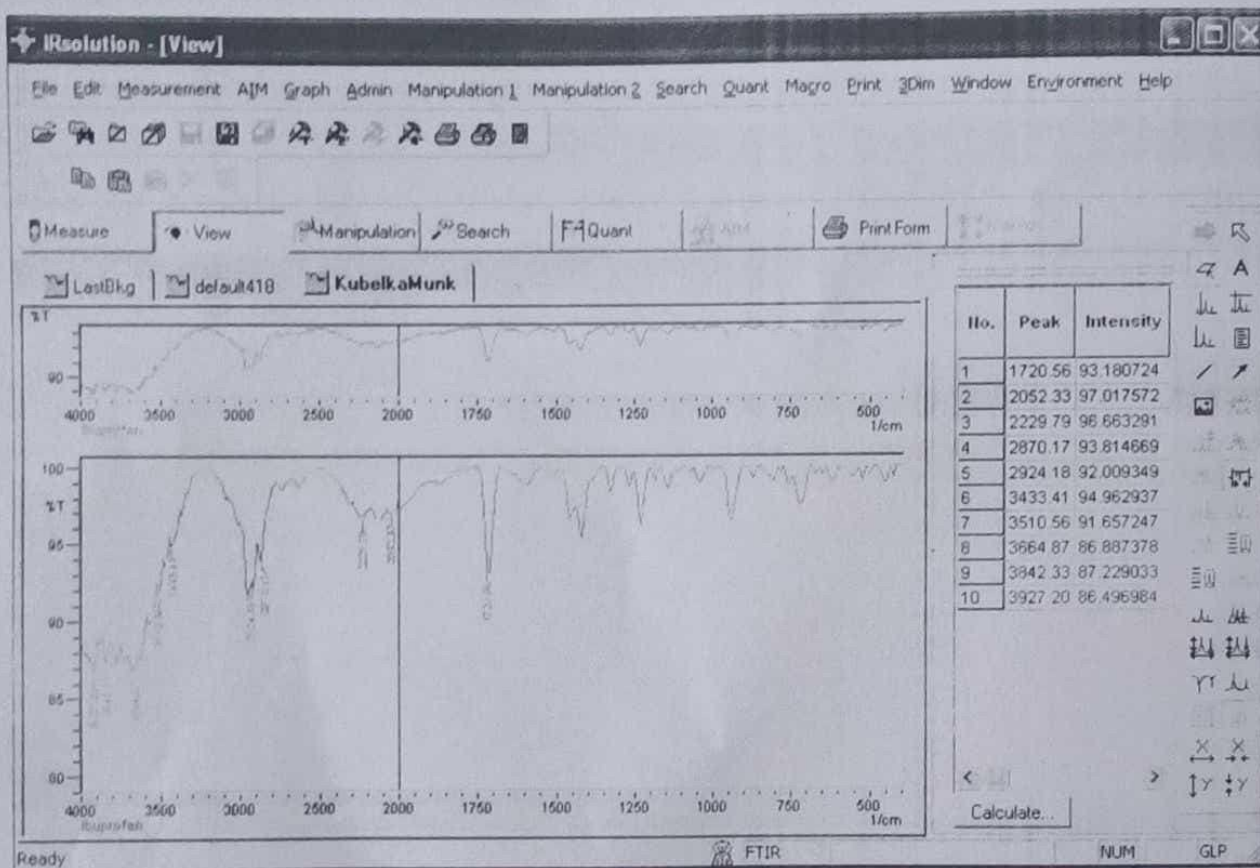


Pune District Education Association's
Seth Govind Raghunath Sable College of Pharmacy, Saswad

ICT Tools

FTIR Spectrophotometer

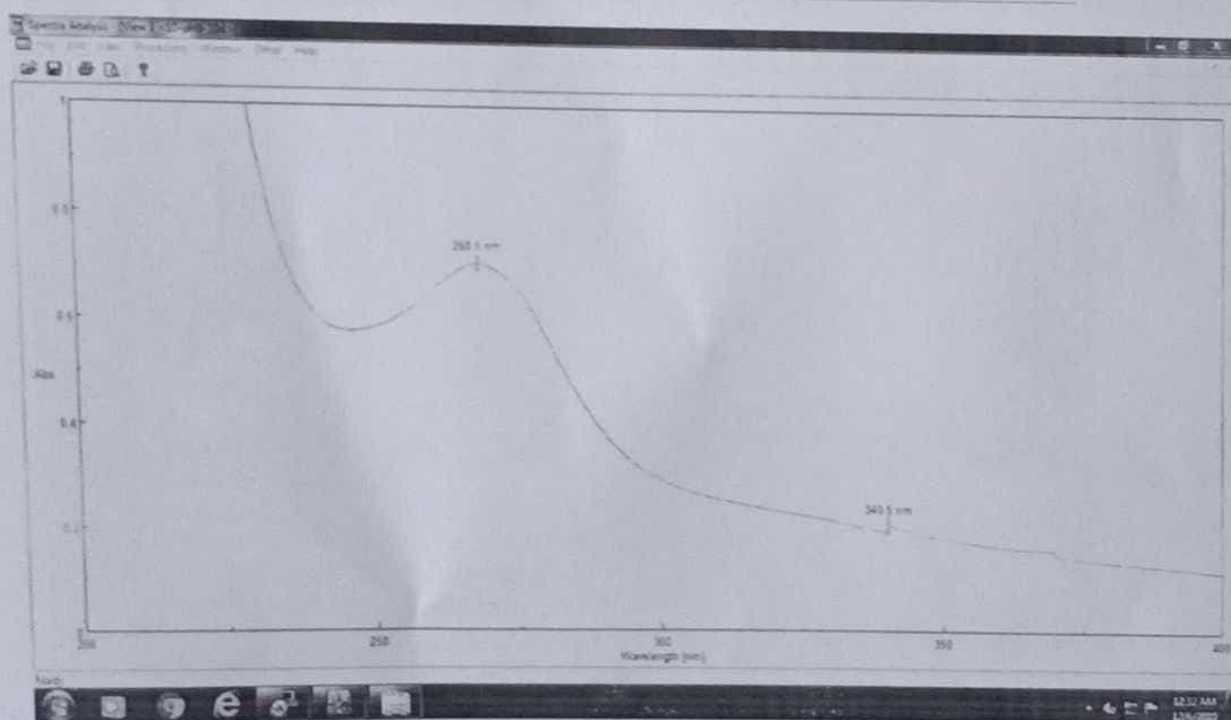
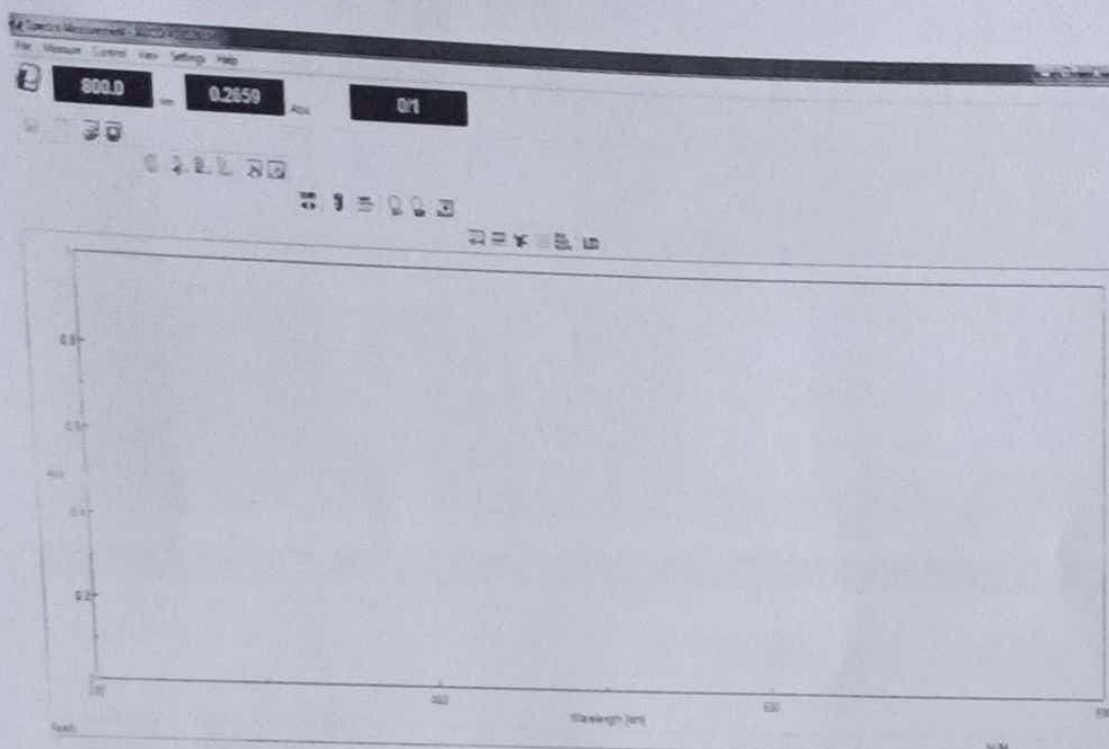
Software:- IRsolution



P. Chavan
PRINCIPAL
PUNE DISTRICT EDUCATION ASSOCIATION'S
SETH GOVIND RAGHUNATH SABLE
COLLEGE OF PHARMACY, SASWAD
TAL. PURANDHAR, DIST. PUN 412301

UV- Vis Spectrophotometer

Software :- Spectramanager



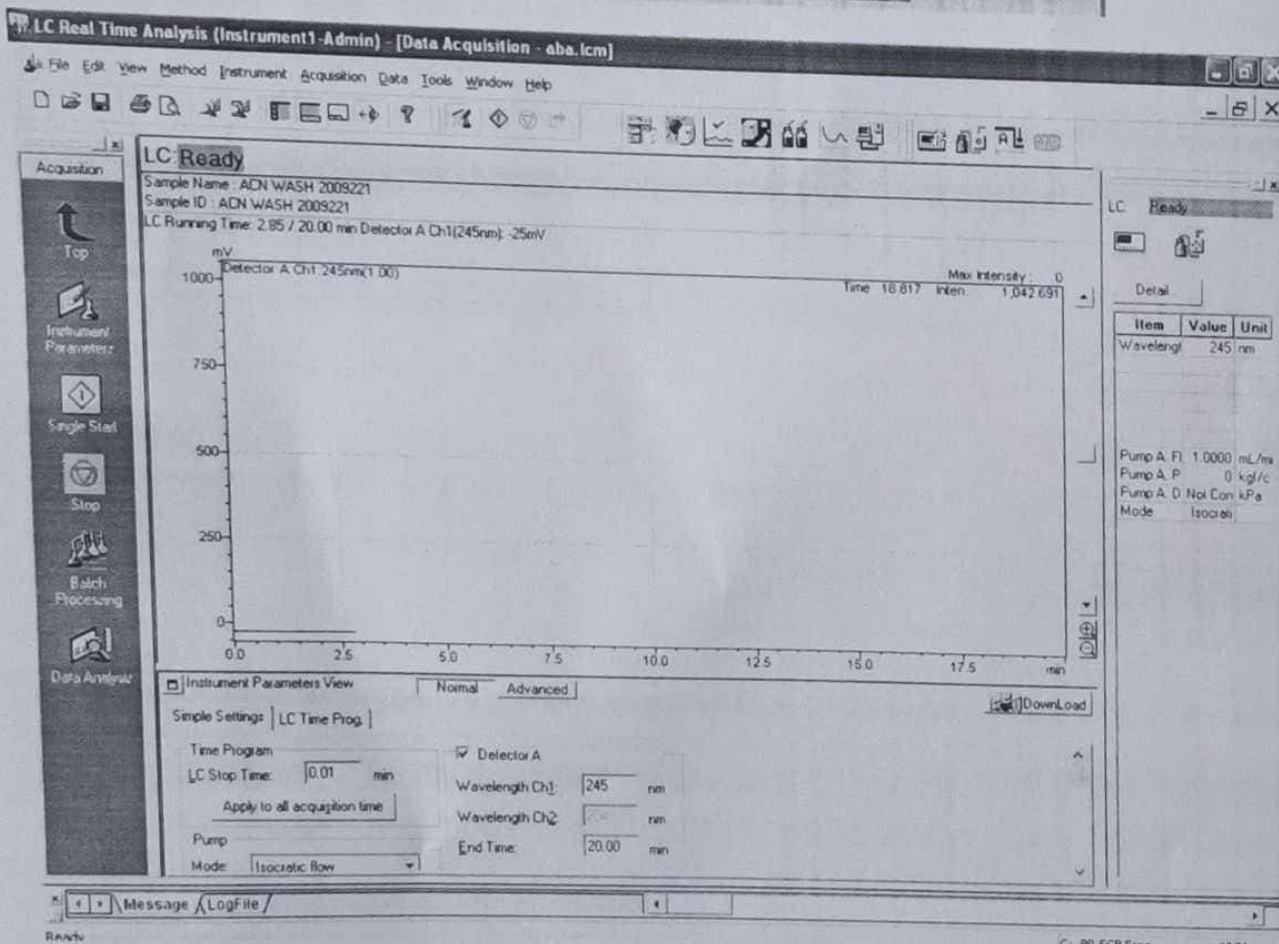
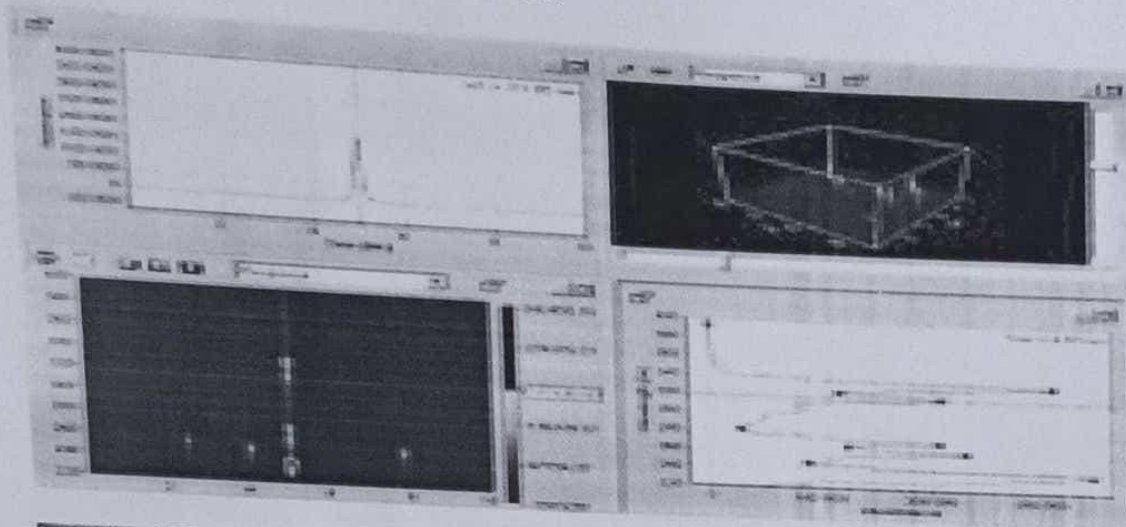
P. Chauhan

PRINCIPAL

PUNE DISTRICT EDUCATION ASSOCIATION'S
SETH GOVIND RAGHUNATHJI TABLE
COLLEGE OF PHARMACY, SWAI
TAL. PURANDHAR, DIST. PUNE - 412301

HPLC:-

Software :- 1) Chrompass 2) Lcsolution



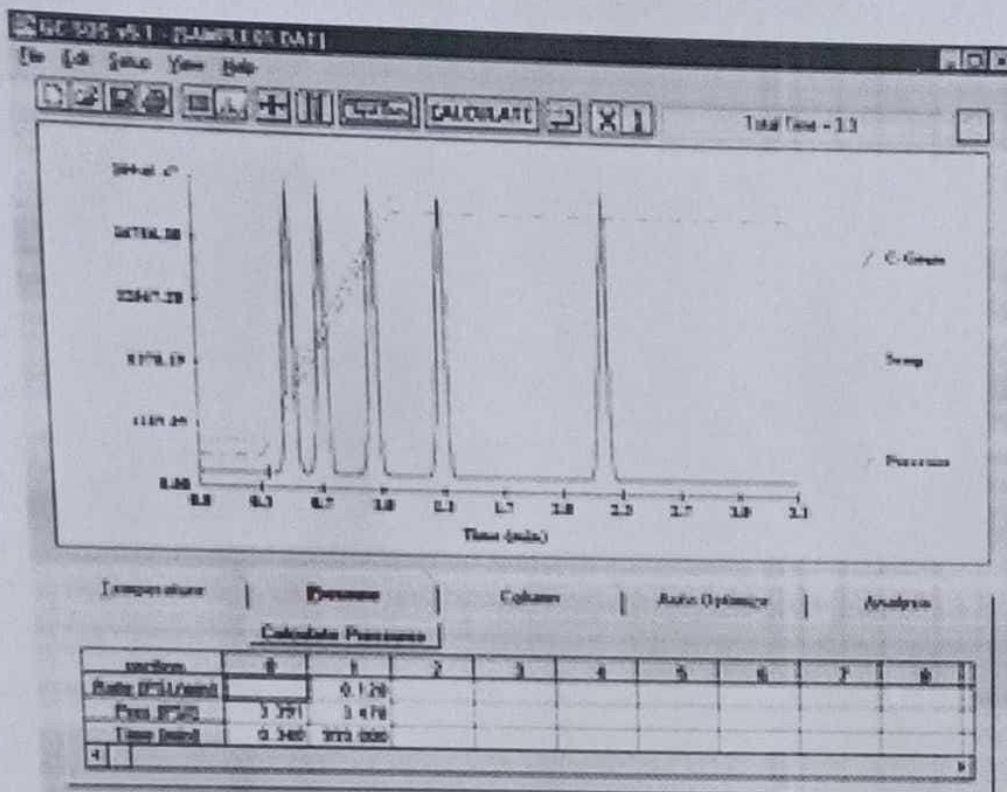
Pxhavan

PRINCIPAL

PUNE DISTRICT EDUCATION AESSORION'S
SETH GOVIND RAGHUNATH SABLE
COLLEGE OF PHARMACY, SWAD
TAL. PURNAGAR, DIST. PUL. 412301.

Gas Chromatography:-

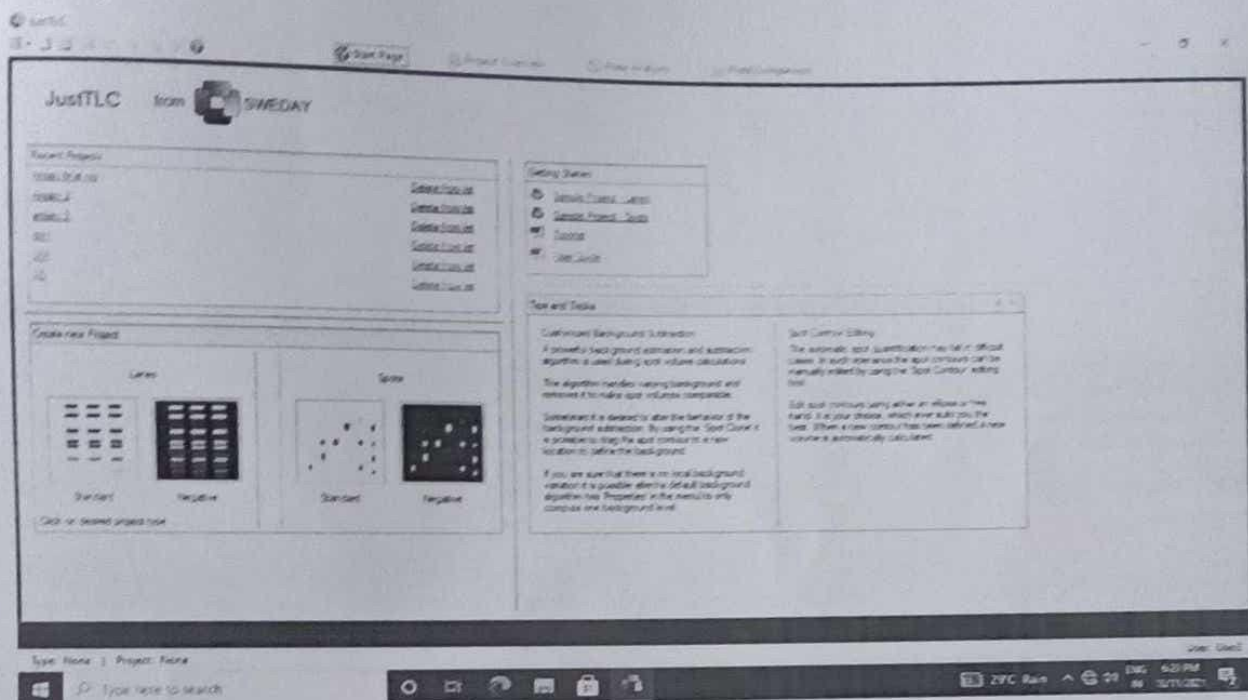
Software:- Smart Chrom



P. Chavan
PRINCIPAL
 PUNE DISTRICT EDUCATION ASSOCIATION'S
 SETH GOVIND RAGHUNATHI TABLE
 COLLEGE OF PHARMACY, 34 SWAD
 TAL. PURANDHAR, DIST. PUN 412301

HPTLC

Software:- Ishan, JustTLC



R. Schavan

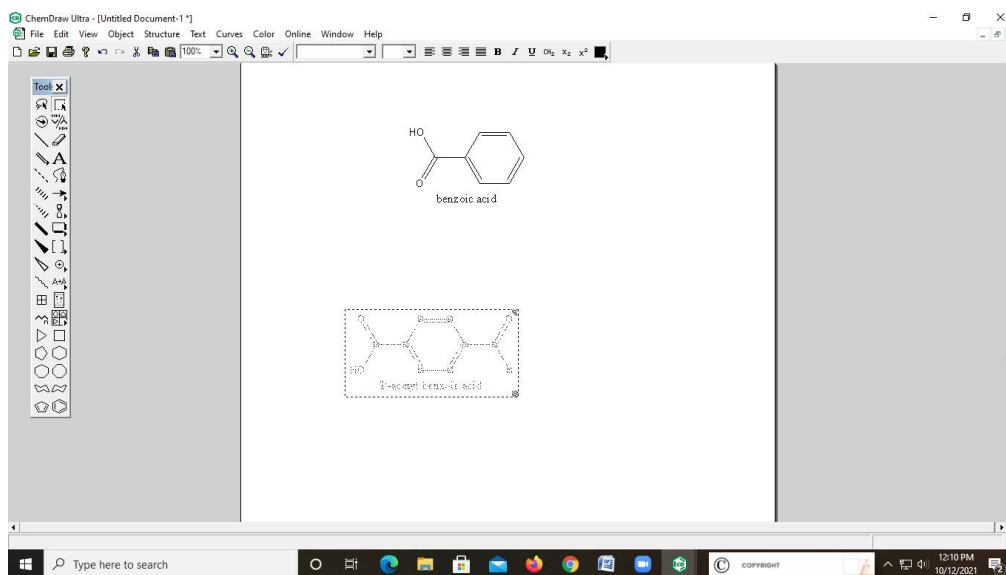
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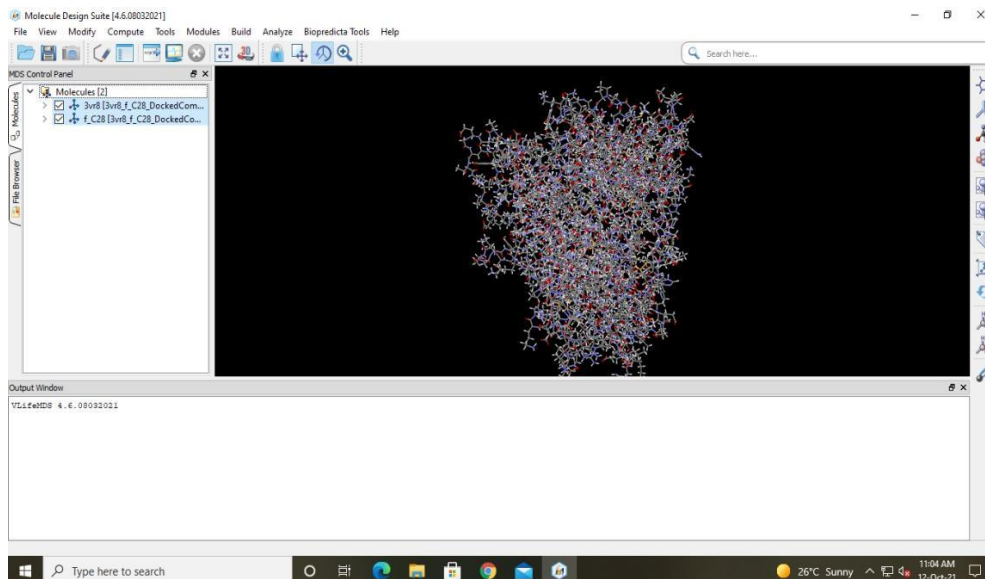
**PUNE DISTRICT EDUCATION ASSOCIATION'S
SETH GOVIND RAGHUNATH SABLE COLLEGE OF PHARMACY, SASWAD**

ICT TOOLS

1. Chem Draw Ultra 8.0



2. Vlife-MDS 4.6 software -CAAD (Computer Aided Drug Design Software)



DHFR_C4_DHFR_C4 - Notepad

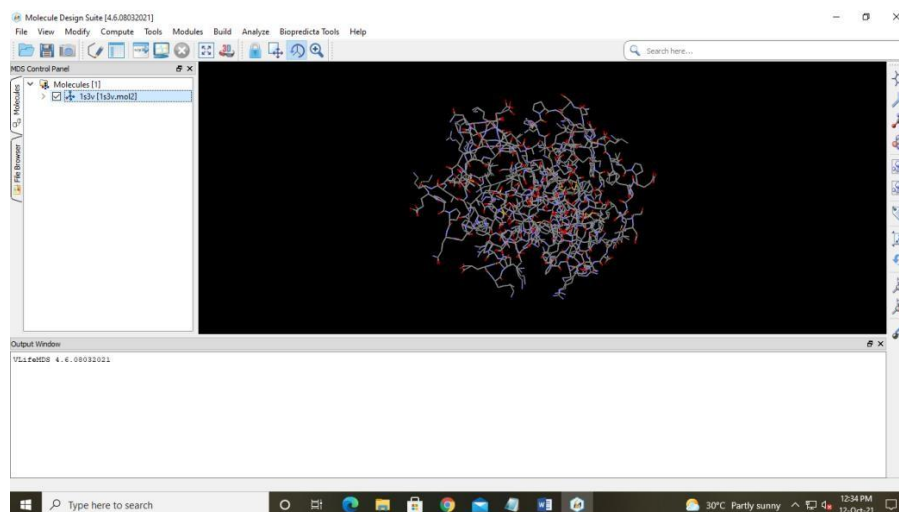
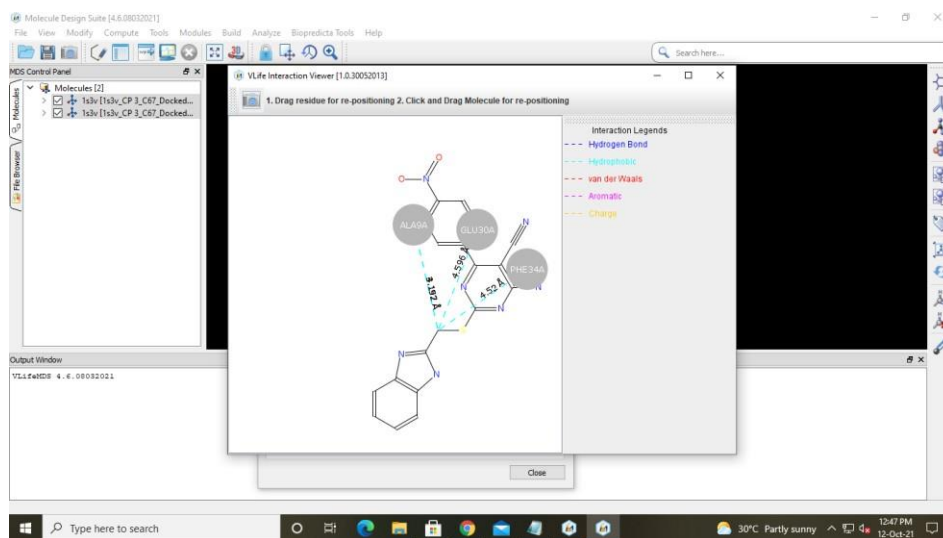
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Creation Time : Thu Jul 22 14:56:15 2021

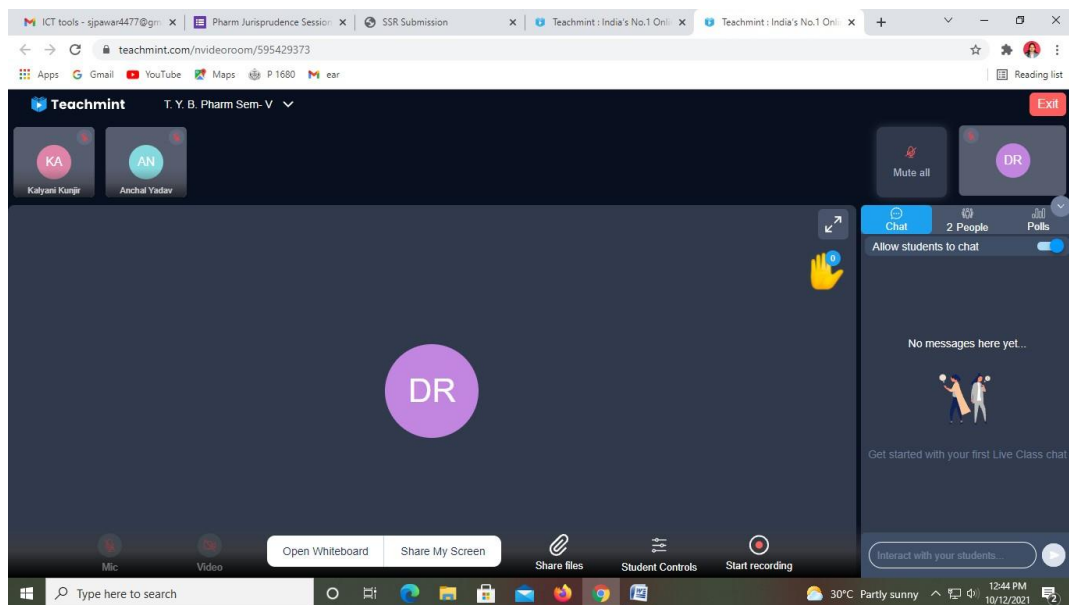
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14	N	10.3919	0.5326	15.5230	N	-1.00	1	Untitled
15	C	10.5414	1.3358	14.3821	C	0.00	1	Untitled
16	C	11.2906	2.6681	14.6232	C	-1.00	1	Untitled
17	C	11.5964	3.7057	13.4892	C	-1.00	1	Untitled
18	C	11.1214	3.4734	12.0568	C	0.00	1	Untitled
19	C	10.3434	2.1456	11.8108	C	-1.00	1	Untitled
20	C	10.0530	1.0986	12.9518	C	-1.00	1	Untitled
21	C	11.3569	4.4908	10.7410	C	0.00	1	Untitled
22	N	12.0422	5.6783	10.9197	N	-1.00	1	Untitled
23	O	10.8594	4.0336	9.6977	O	0.00	1	Untitled
24	C	12.4045	6.8394	9.8190	C	-1.00	1	Untitled
25	C	11.9657	6.7275	8.2458	C	0.00	1	Untitled
26	C	13.2209	7.9433	10.7341	C	-2.00	1	Untitled
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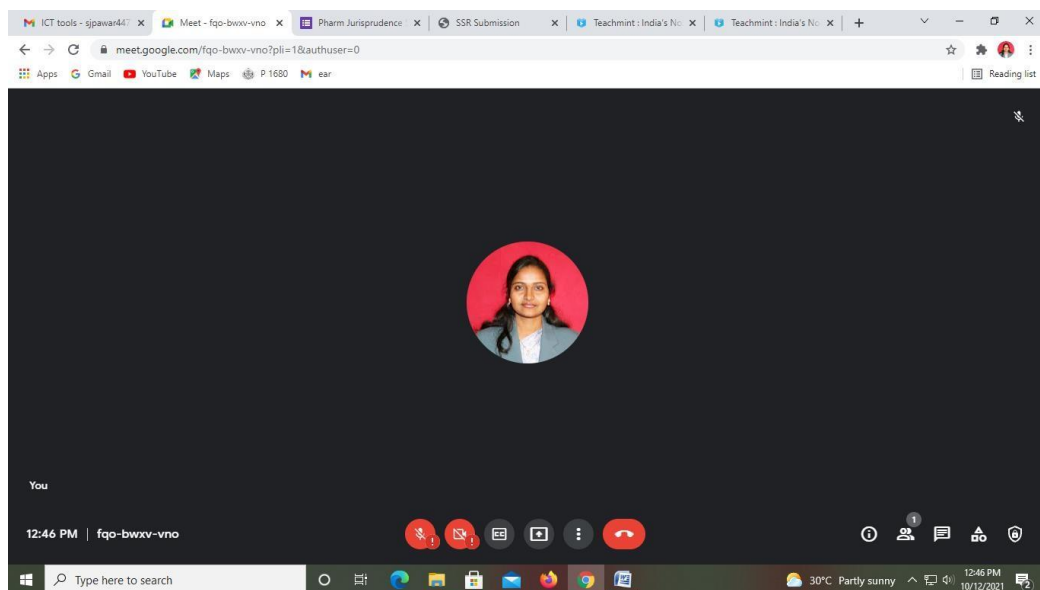
Ln 1, Col 1 100% Windows (CR) Tuesday, October 12, 2021 12:28 PM 30°C Partly sunny 12-Oct-21

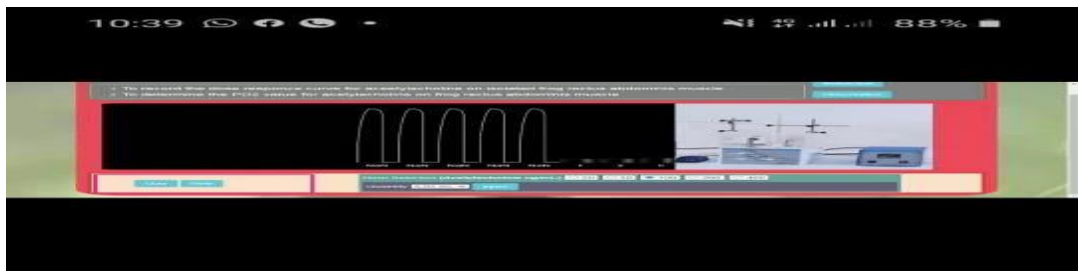


3. Teachmint- Online Teaching tool



4. Google meet





(44)

Aadesh Kore

aditya harne

Aishwarya Bharati

APURVA BHUSE

dagade trupti

NIKOLA LAMPID

10:29 88%

Smita Pawar

(54)

Smita Pawar (You)

Prajakta Jagtap

Vaishnavi Jagtap

SHRUTI DILIP SHAHA

Others in the meeting (50)

Aadesh Kore