

# Geethanjali College of Pharmacy

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Accredited by NBA (B. Pharmacy) & Accredited by NAAC (A+)

Recognized Under UGC Section 2F & 12B of UGC Act, 1956, by DSIR-SIRO & HI/BI of MSME, Certified by ISO 9001:2015, AMC of PvPi, NIRF

Cheeryal (V), Keesara (M), Medchal-Malkajgiri Dist., Telangana State- 501301

## LIST OF FULL TIME TEACHERS USING ICT TOOLS


S.No	Name of the Teacher	Digital Library	LCD projector	Google meet	Powerpoint	Zoom/web ex/Team	Online Quiz	Jeopardy labs	Flowcharts	Simulation software	Clinirex	Youtube channel	Others
1	Dr. M. Ravikumar	✓	✓		✓				✓				
2	Dr.M.Srinivas	✓	✓		✓				✓			✓	
3	Dr. R. Siva Kumar	✓	✓		✓				✓				
4	Dr. Bharath Bhushan	✓	✓		✓					✓		✓	
5	Dr. Abdul Nazer Ali	✓	✓							✓	✓		
6	Dr. B. Rambabu	✓	✓		✓				✓				
7	Dr. N. Anjaneyulu	✓	✓		✓				✓				
8	Dr. R. Naga Kishore	✓	✓		✓			✓	✓	✓		✓	
9	Dr. P. Neeraja	✓			✓				✓			✓	
10	Dr. Y.Shiva Kumar	✓			✓								
11	Dr. J. Sunil	✓			✓								
12	Mrs. P. Jyothirmaye	✓							✓			✓	
13	Mrs. Ch. Sumalatha	✓			✓								
14	Mr. M. Sathish Kumar	✓	✓		✓								
15	Mrs. B. Sandhya	✓							✓				

S.No	Name of the Teacher	Digital Library	LCD projector	Google meet	Powerpoint	Zoom/web ex/Team	Online Quiz	Jeopardy labs	Flowcharts	Simulation software	Clinirex	Youtube channel	Others
16	Mr. Md. Abubakar	✓			✓	✓	✓		✓		✓		
17	Mrs. P. Madhuri										✓		
18	Mrs.V.Shalini				✓				✓	✓			
19	Mr.P. Shankaraiah	✓			✓								
20	Mrs. R.Uma Devi				✓				✓				
21	Mr. Md. Mohasin Pasha	✓			✓			✓			✓		
22	Mrs. T. Anoosha	✓			✓					✓			
23	Mr. J. Naveen				✓								
24	Ms. B. Anitha				✓								
25	Mrs. G. Swapna	✓											
26	Mr. A.Srinivas												
27	Mrs. K. L. Rajita												
28	Mrs. S. Kiranmayee												
29	Mr. B. Santhosh Kumar				✓								
30	Ms. G. Laxmi Prasanna												
31	Mrs. K. Sai Prabha				✓								
32	Mrs. P. Jyothi	✓			✓								
33	Mr. K. Kishor Kumar Reddy	✓			✓								
34	Mrs. N. Swetha								✓				
35	Ms. K. Mounika									✓			
36	Mrs. S.D. Shalini				✓								
37	Mr. K. Prashanth Kumar				✓								
38	Ms. B. Swathi				✓								
39	Mrs. G. Abhinayani	✓							✓	✓			



S.No	Name of the Teacher	Digital Library	LCD projector	Google meet	Powerpoint	Zoom/web ex/Team	Online Quiz	Jeopardy labs	Flowcharts	Simulation software	Clinirex	Youtube channel	Others
40	Mrs. L. Devakamma	✓			✓								
41	Mrs. P. Naga Chandrika		✓						✓			✓	
42	Mrs. A. Madhavi		✓										
43	Mrs. D. Ashlesha				✓								
44	Mrs. M. Hepsibha										✓		
45	Mrs. S. Rani		✓		✓				✓				
46	Mrs. B. Supraja	✓			✓	✓							
47	Mrs. U. Rishika		✓										
48	Mrs. B. Mamatha				✓								
49	Mrs. K. Divya Jyothi				✓								



  
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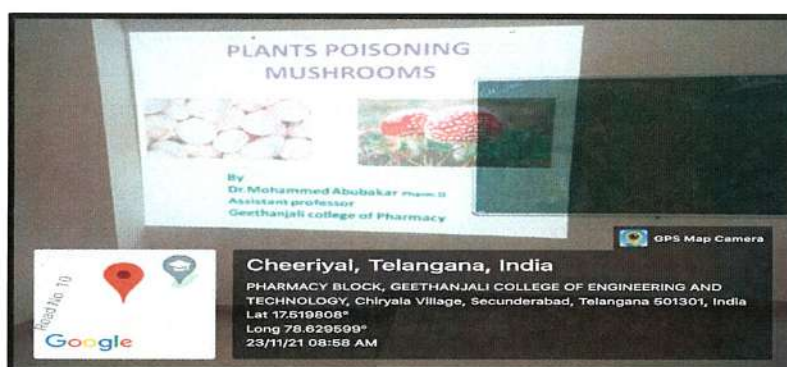
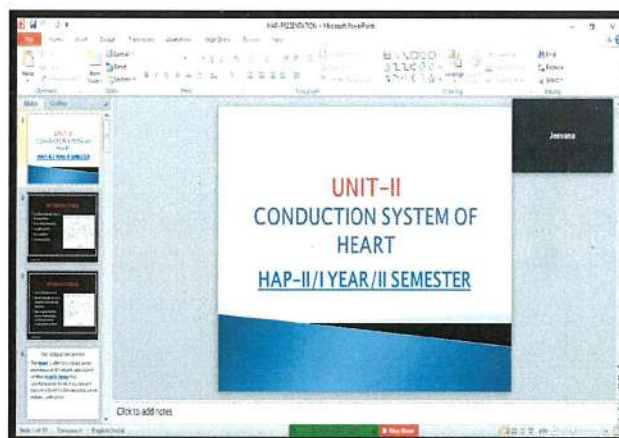
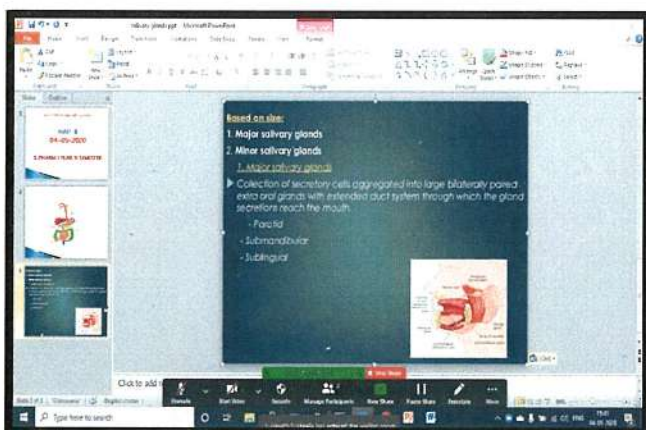
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### POWER POINT

Power Point enhances learning by providing a better understanding of the topic as well as creating interest in students. It represents that teaching based on the use of technology has a significant positive effect on learners' scores like engaging multiple learning styles, increasing visual impact, improving learners focus, analyzing and synthesizing complexities. PowerPoint allows you to use images, audio and video to have a greater visual impact. These visual and audio cues makes a presenter to be more effective and improved in the session as well as interaction with the students.



### Power Point Presentations For B.Pharm I Year



*Mubashir*  
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### QUIZ

Quizzes can help students to improve knowledge base while stimulating interest in learning out objective details of the subject. When quizzes are a classroom activity rather than, say, a way to measure or rank your students—they open up opportunities for student collaboration. In addition, using collaborative quizzes as a component of faculty’s teaching techniques it will encourage students to study harder so that they can help others to succeed.

HYDROCARBONS, ANTI DEPRESSANTS				
Final Scores				
Rank	Player	Total Score (points)	Correct Answers	Incorrect Answers
1	Pooja S	17351	16	12
2	Aakya	16801	17	13
3	Sa Sree	14800	16	14
4	Shravan	14297	16	14
5	Krishnaven	14300	16	14
6	Aaradhya	13623	14	16
7	Akhya	13263	15	15
8	Manasa	11124	12	18
9	Shrishta	11002	12	18
10	Nees	10547	13	17
11	Shruthi	10154	12	18



### Pharm.D II Years PICK A CHIT QUIZ



*Santhi*  
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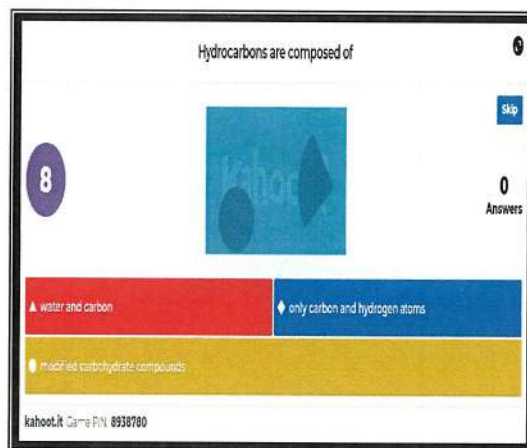
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### KAHOOT

Kahoot is a game-based learning platform used as educational technology in educational Institutions. Its learning games, Kahoot are multiple-choice quizzes that allow user generation and can be accessed via a web browser or the Kahoot app. Kahoot is a game-based learning platform that makes it easy to create, share and play learning games or trivia quizzes in minutes.

Kahoot was designed for social learning, with learners gathered around a common screen such as an interactive whiteboard, projector, or a computer monitor. The site can also be used through screen-sharing tools such as Skype or Google Hangouts. The game design is such that the players are required to frequently look up from their devices. The gameplay is simple; all players connect using a generated game PIN shown on the common screen, and use a device to answer questions created by a teacher, business leader, or other person. These questions can be changed to award points. The creator can choose whether the players can get 0 points, up to 1000, or 2000 points. The points the player gets are calculated on up to how much can the player get and how long it takes the player to answer. The sooner the player answers, the more points they get if the player answers correctly. Points then show up on the leader board after each question. The player can also get a streak, meaning they answered more questions in sequence. The better their streak is, the more points they get when answering a question correctly.



*Sanjiv Reddy*  
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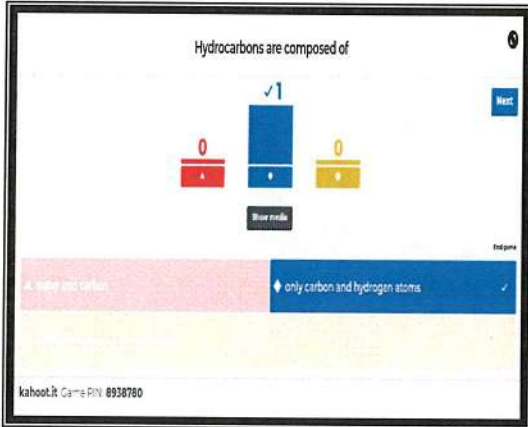


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HYDROCARBONS, ANTI DEPRESSANTS	
Played on	16 Nov 2019
Hosted by	Abubakar551
Played with	22 players
Played	30 of 50
Overall Performance	
Total correct answers (%)	36.4%
Total incorrect answers (%)	63.6%
Average score (points)	1082/57 points
Feedback	
Number of responses	0
How fun was it? (out of 5)	0.00 out of 5
Did you learn something?	0.00% Yes 0.00% No

HYDROCARBONS, ANTI I							
Kahoot! Summary							
Rank	Players	Total Score (points)	Q1	Hydrocarbons are composed of	Q2	Weaker in action locally and best absorbed in systemic circulation are propoies of	Q3
1	PoojaS	17351	892	only carbon and hydrogen atoms	0	All The Above	0
2	Alekhyia	16861	0	water and carbon	0	alkalis	0
3	Sai Sree	14865	747	only carbon and hydrogen atoms	0	alkalis	0
4	Shravani	14097	714	only carbon and hydrogen atoms	0		0
5	Krishnaveni	14003	0	water and carbon	0	alkalis	627
6	Arundhathi	13623	852	only carbon and hydrogen atoms	0	Inorganic acids	0
7	Akhila	13263	867	only carbon and hydrogen atoms	0	alkalis	697

**Dr. Abubaker Khan and Pharm.D II Years played Kahoot Game**



*Abubakar Khan*  
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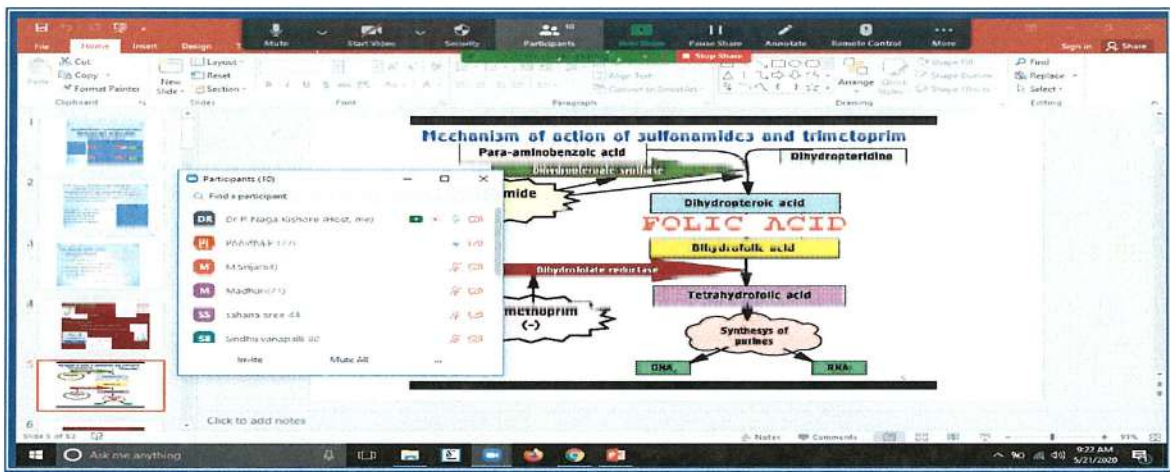
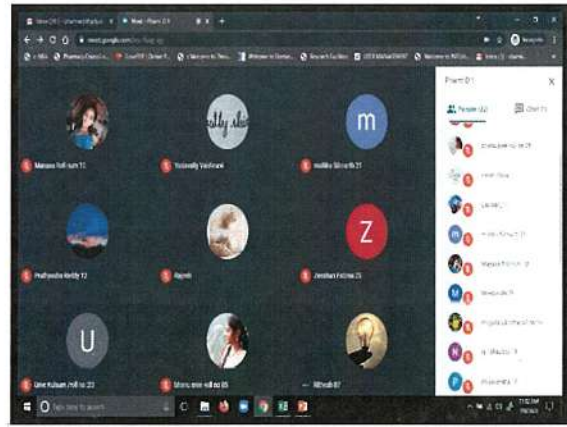
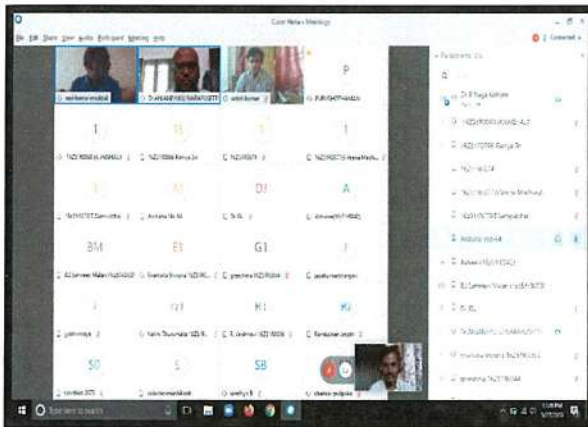
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### GOOGLE MEET

This is a quick, easy way to connect with students **via live video**. You can use it to do instruction, to hold group discussions, and just to help students see each other's faces. Google Meet is available for G Suite users. Faculty can host video calls from their web browsers, invite their students to participate, screen share, and moderate either text or audio-based discussions.



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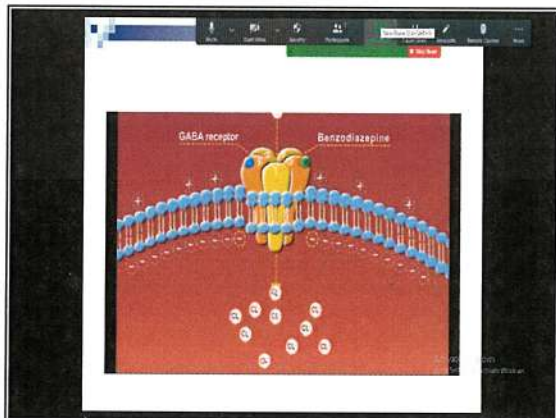
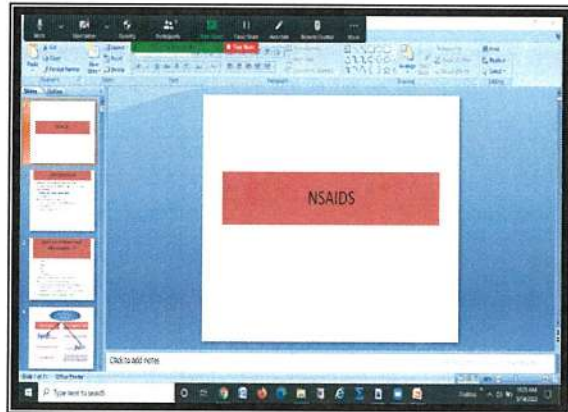
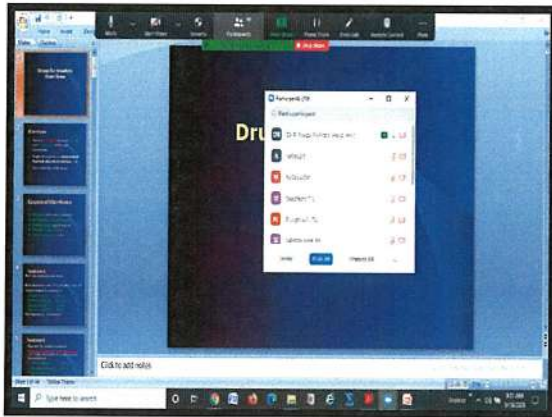


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### Google Meet Class for B.Pharmacy IInd Years



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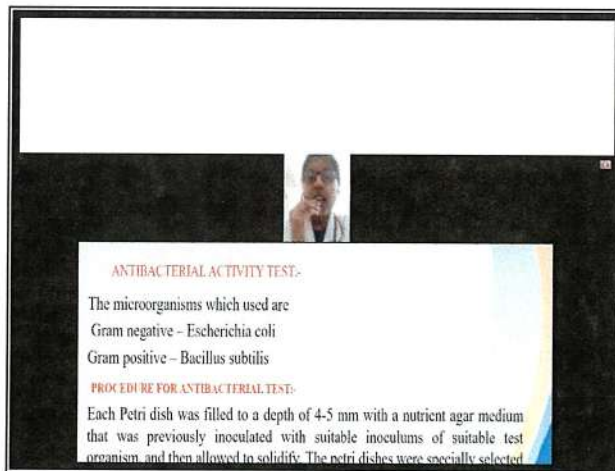
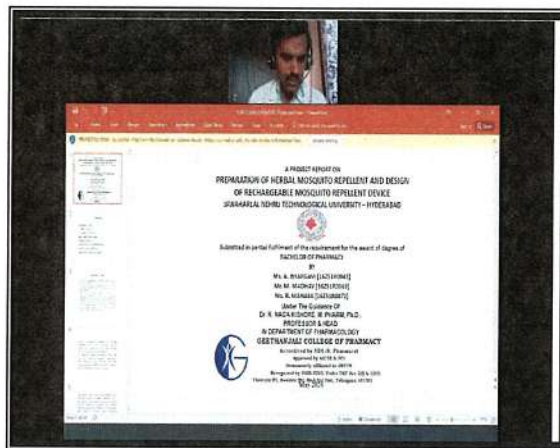
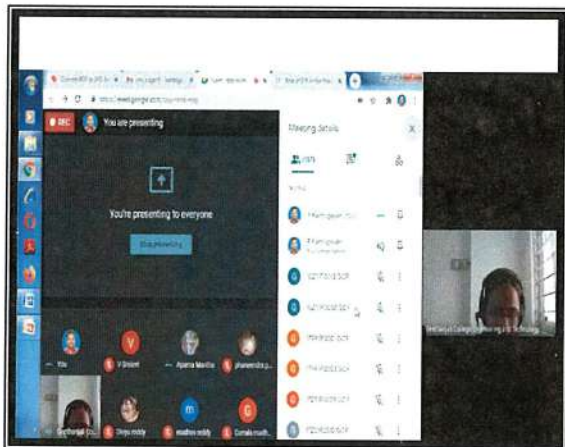
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### WEBINAR



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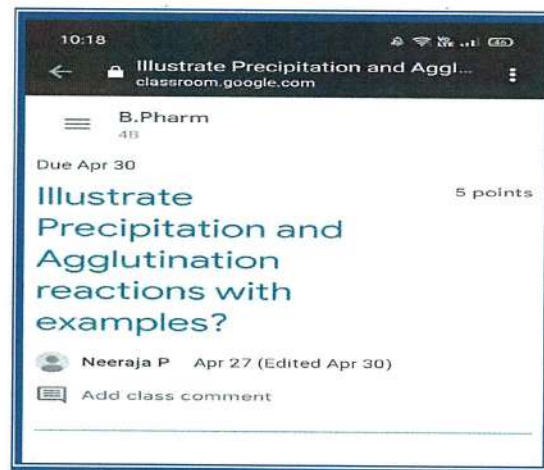
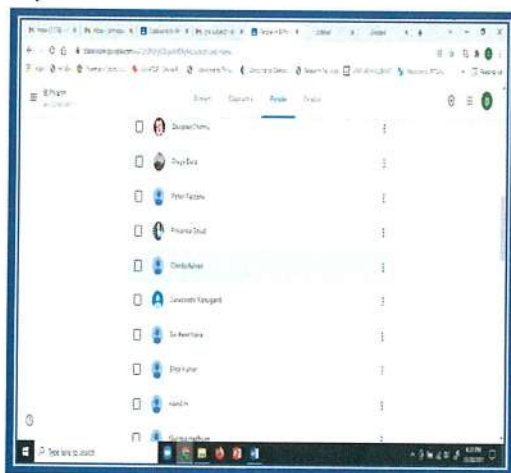
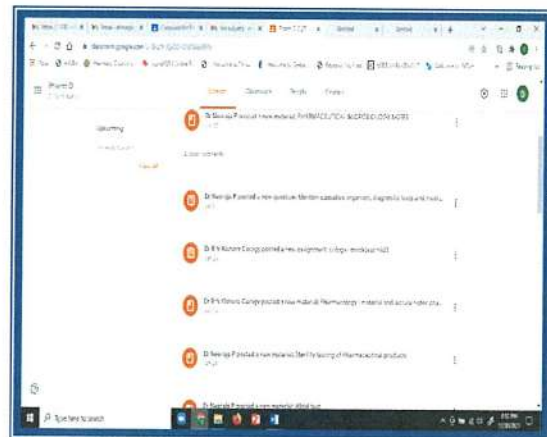
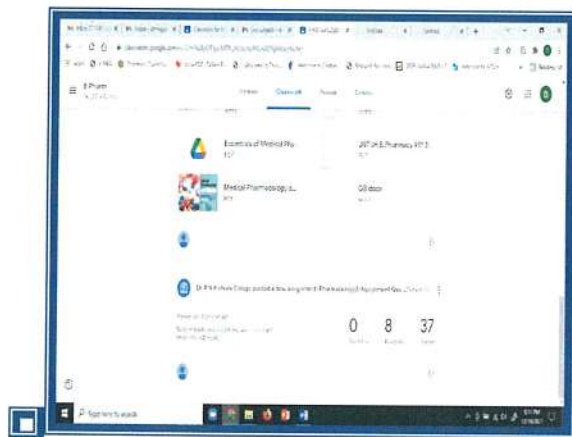
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### GOOGLE CLASSROOM

These collaboration-friendly tools have revolutionized the way we communicate, work together, and store information online. For teachers and students, the education-friendly platform Google Classroom brings the benefits of paperless sharing, assessment, and digital collaboration to classrooms.



*Neeraja P*  
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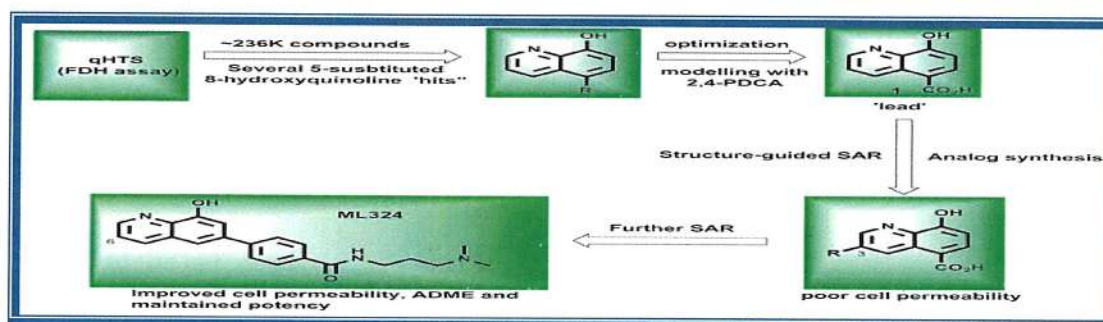
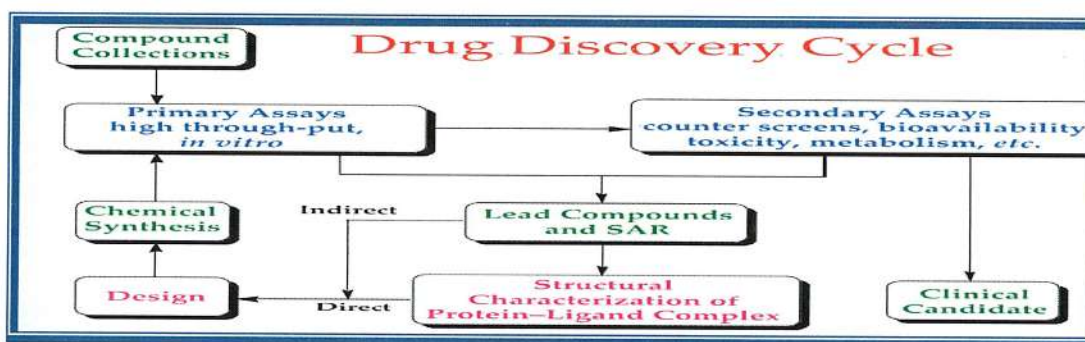
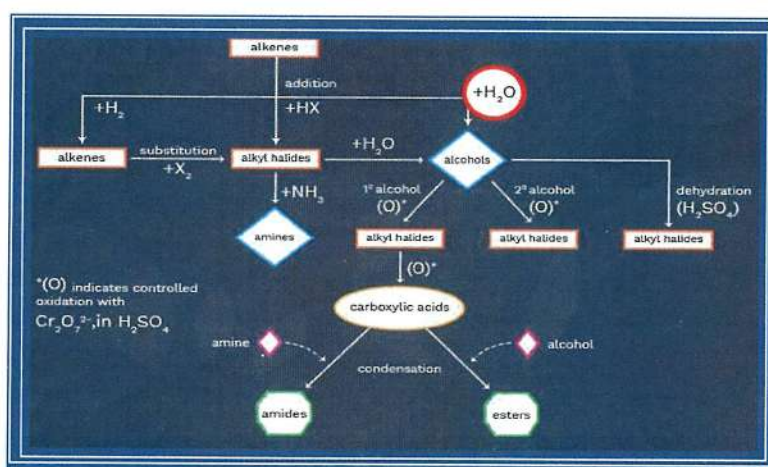
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### FLOW CHART

Flowcharts in the classroom are graphical representations of students' thinking processes. It allows students to chalk out their ideas and thoughts in a logical and organized fashion, giving them the freedom to come back and reflect on it.



### Medicinal Chemistry Optimization Flow chart



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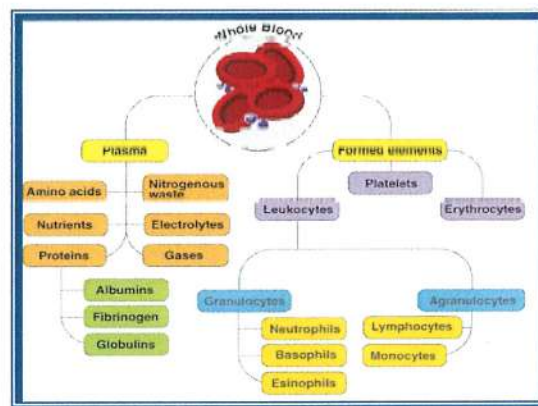
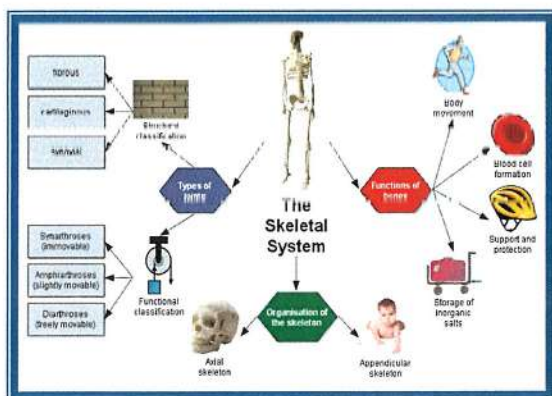
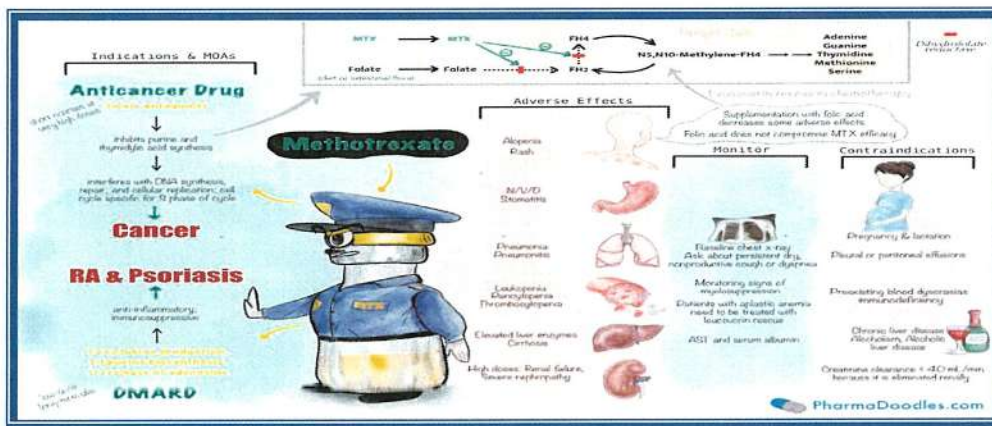
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## MIND MAPS

Mind maps allow students to fully engage in the topics at hand. By using information visualization and outlining the relationships between ideas, mind maps mirror the way our brains actually work. In other words, mind mapping software serves to link our end goals with our current thought processes.

Mind Maps help students to note down only the most important information using key words, and then make connections between facts and ideas visually – keeping all of your topic thoughts together on one sheet. This makes note making easier for students, as it reduces pages of notes into one single side of paper.



Mind Maps of Human Anatomy and Physiology



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### STORY BOARD

The Storyboards teaching strategy helps students keep track of a narrative's main ideas and supporting details by having them illustrate the story's important scenes. Storyboarding can be used when texts are read aloud or when students read independently.

STIMULANTS	DEPRESSANTS	HALLUCINOGENIC
		
<p>The nicotine in tobacco is a stimulant and will increase heart rate, cause breathing to be rapid, and lower appetite. It is also highly addictive and makes users smoke whenever the body is low on nicotine.</p>	<p>Alcohol is a depressant and will cause the body to lower its heart rate, impair coordination, and lower reaction time. Long term consumption of alcohol will cause severe damage to the liver.</p>	<p>Ecstasy/Molly is a hallucinogenic drug that causes visual hallucinations, dehydration, and nausea. Long term usage may lead to brain damage and increase chance for an overdose.</p>

Create your own at Storyboard That

Story Board



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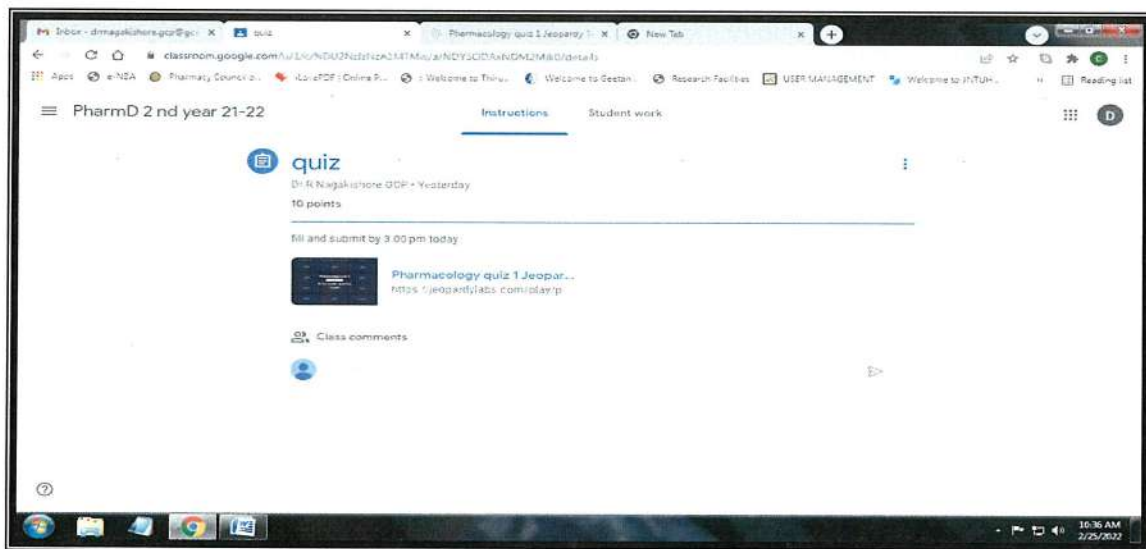
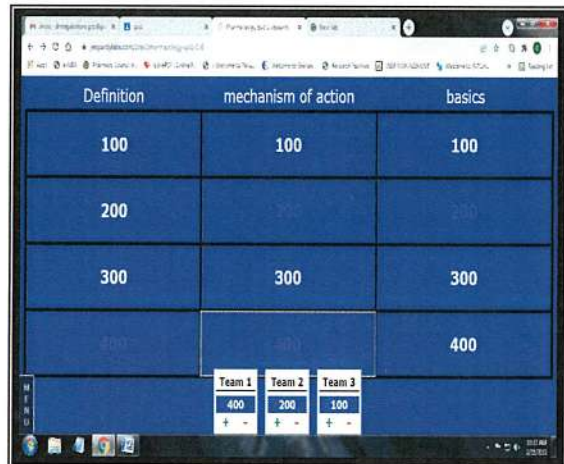
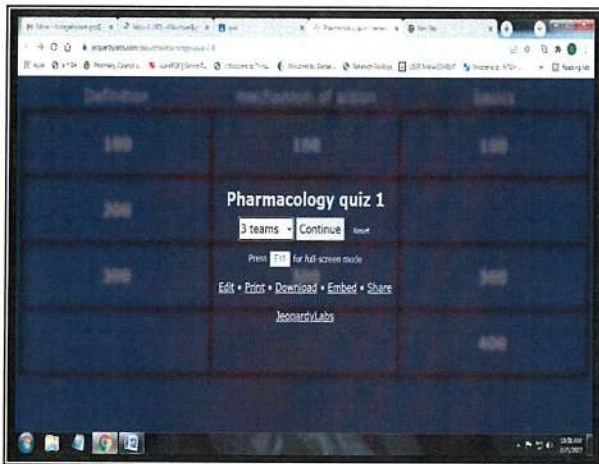


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### JEOPARDYLABS



**Dr. R. Naga Kishore teaching Pharmacology basics to Pharm.D 2<sup>nd</sup> year by using Jeopardy labs**

Students are randomly grouped

<https://jeopardylabs.com/play/pharmacology-quiz-1-6>



*R. Naga Kishore*  
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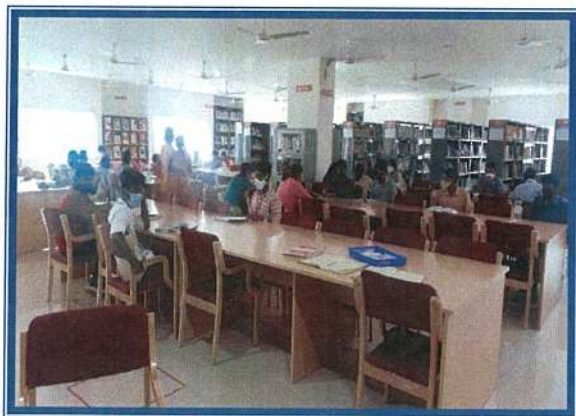


Phone: +91 9959390412  
Fax: +91-40-24220320  
Website: www.geethanjalinstitutions.com

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### DIGITAL LIBRARY



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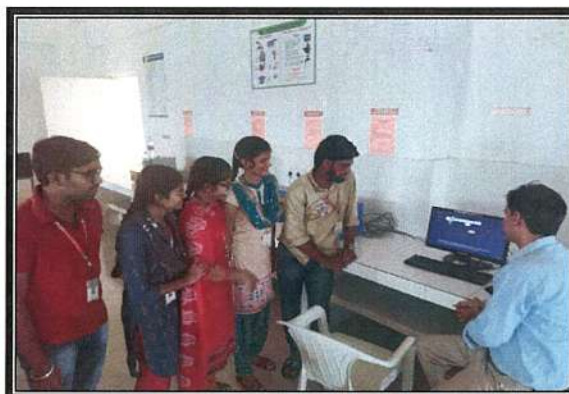


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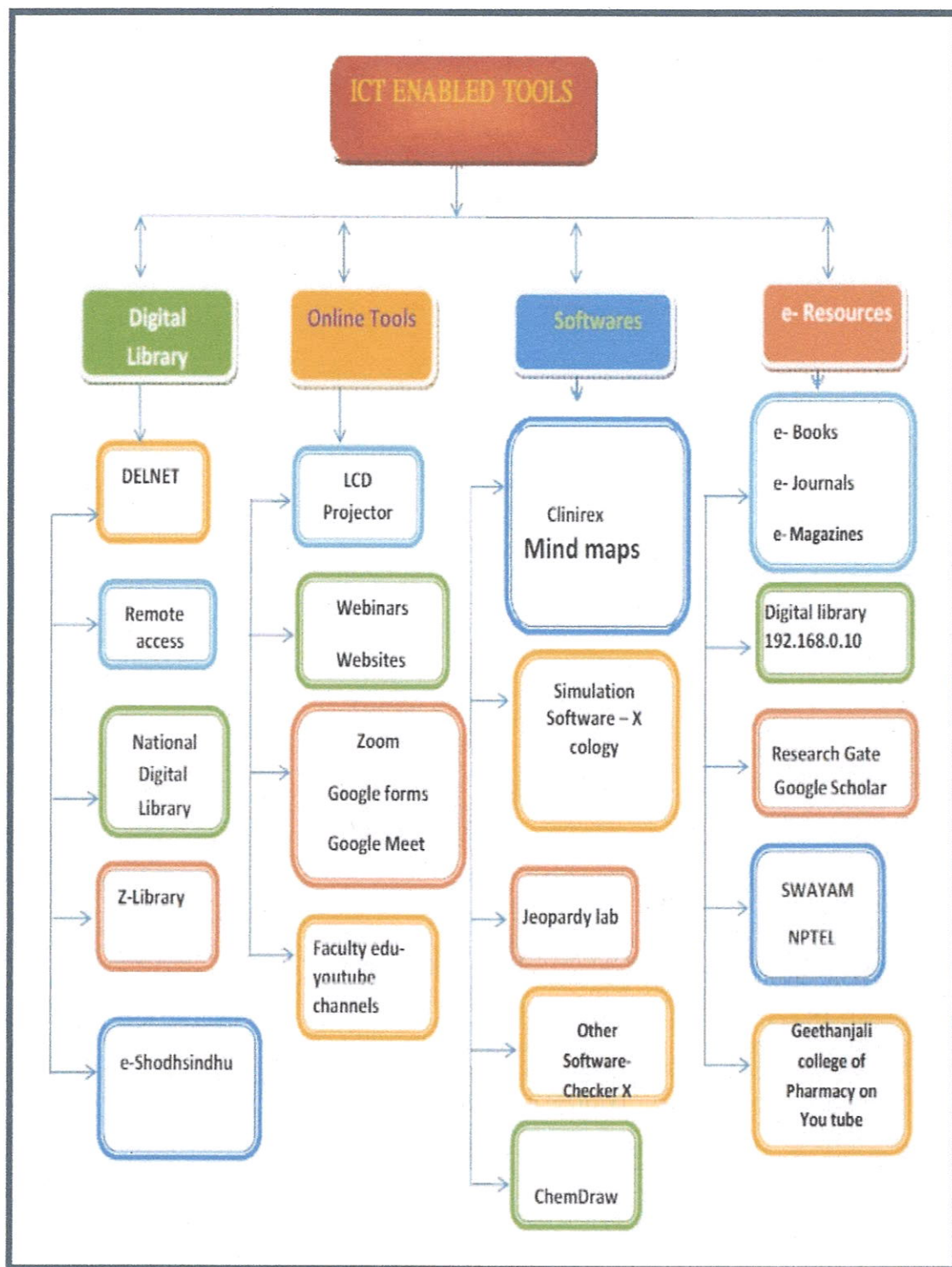


**Dr.R.Naga Kishore using X-Cology software in Pharmacology Lab for B.Pharm III  
Years**



*Nandini K*  
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### *List of ICT enabled tools used for Teaching and Learning*

1. Digital Library-DELNET
2. LCD Projectors
3. Webinars
4. Websites
5. Videos
6. Zoom
7. Google Meet
8. Google forms
9. Drug Information Database-Clinirex
10. Drug Design software-ChemDraw
11. Simulation Software-Xcology
12. Other Softwares-Checker X
13. SWAYAM, NPTEL
14. Shodhganga, e-Shodhsindhu
15. Researchgate, Google Scholar
16. Geethanjali College Of Pharmacy on Youtube



*Sanjiv Reddy*  
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## POWER POINT PRESENTATION

**Subject:** MEDICINAL CHEMISTRY-III

**Year/Batch:** B.Pharm. III Year/II SEM/(20Z)

**Faculty:** N.SWETHA

**Date:** 09.05.2023

**Topic:** POWERPOINT PRESENTATION – Antifungal drugs



*N. Swetha*  
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## STORY BOARD

The Storyboards teaching strategy helps students keep track of a narrative's main ideas and supporting details by having them illustrate the story's important scenes. Storyboarding can be used when texts are read aloud or when students read independently.

STIMULANTS	DEPRESSANTS	HALLUCINOGENIC
<p>The nicotine in tobacco is a stimulant and will increase heart rate, cause breathing to be rapid, and lower appetite. It is also highly addictive and makes users smoke whenever the body is low on nicotine.</p>	<p>Alcohol is a depressant and will cause the body to lower its heart rate, impair coordination, and lower reaction time. Long term consumption of alcohol will cause severe damage to the liver.</p>	<p>Ecstasy/Molly is a hallucinogenic drug that causes visual hallucinations, dehydration, and nausea. Long term usage may lead to brain damage and increase chance for an overdose.</p>
<p>Create your own at Storyboard That</p>		

Story Board



*Number 1*  
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## FLOW CHART AND STORY BOARD

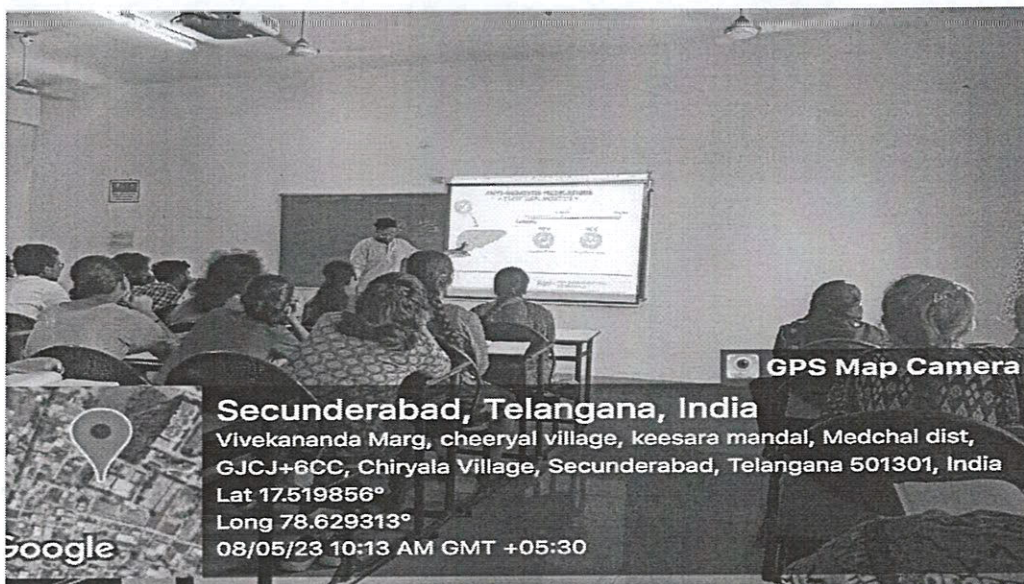
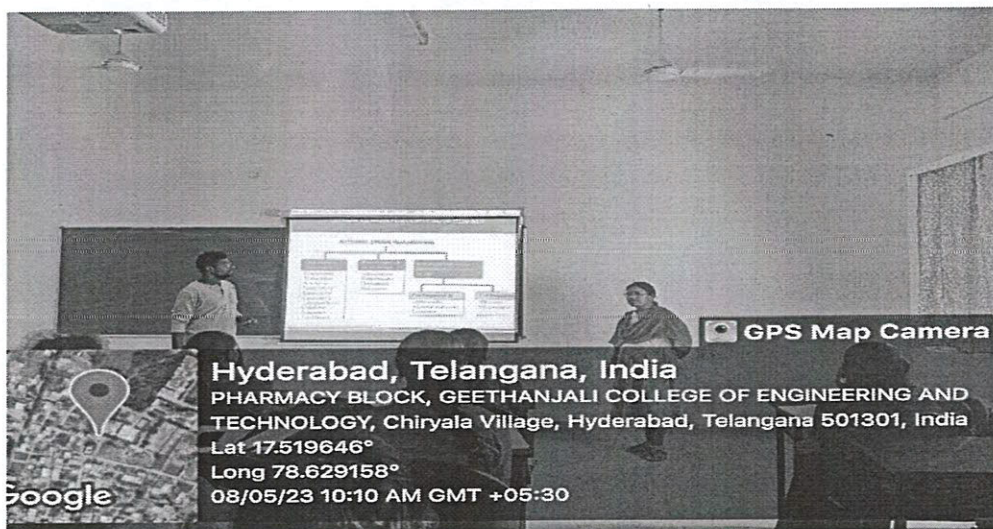
**Subject:** Pharmacology-III

**Year/Batch:** B.Pharm III Year/I Sem(20Z)

**Faculty:** Mrs.V.Shalini

**Date:** 08.05.2023

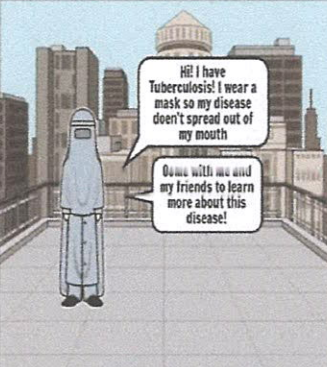
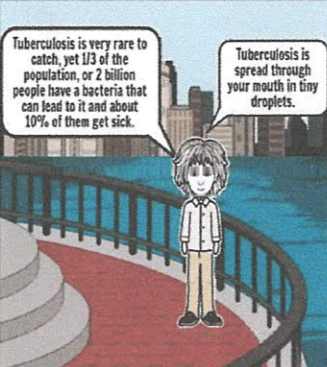
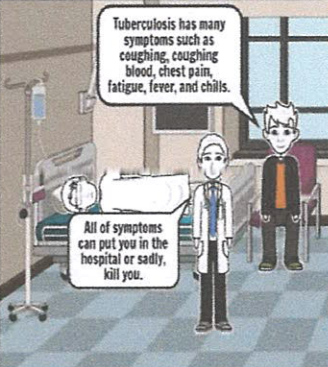
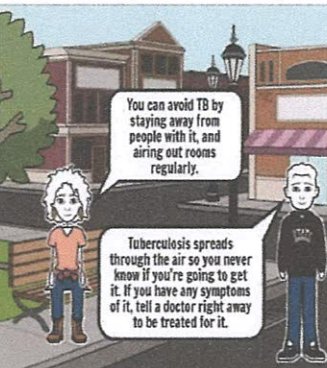
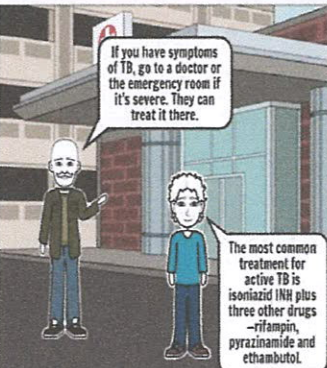
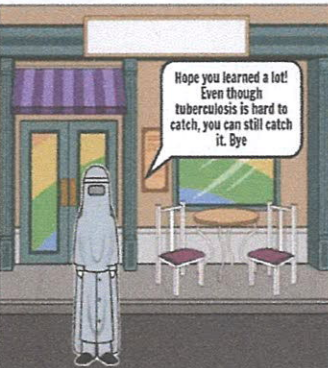
**Topic:** Pharmacology of Antiviral Drugs





# STORYBOARD

STIMULANTS	DEPRESSANTS	HALLUCINOGENIC
		
<p>The nicotine in tobacco is a stimulant and will increase heart rate, cause breathing to be rapid, and lower appetite. It is also highly addictive and makes users smoke whenever the body is low on nicotine.</p>	<p>Alcohol is a depressant and will cause the body to lower its heart rate, impair coordination, and lower reaction time. Long term consumption of alcohol will cause severe damage to the liver.</p>	<p>Ecstasy/Molly is a hallucinogenic drug that causes visual hallucinations, dehydration, and nausea. Long term usage may lead to brain damage and increase chance for an overdose.</p>
<p>Create your own at Storyboard That</p>		

 <p>Hi! I have Tuberculosis! I wear a mask so my disease doesn't spread out of my mouth.</p> <p>Come with me and my friends to learn more about this disease!</p>	 <p>Tuberculosis is very rare to catch, yet 1/3 of the population, or 2 billion people have a bacteria that can lead to it and about 10% of them get sick.</p> <p>Tuberculosis is spread through your mouth in tiny droplets.</p>	 <p>Tuberculosis has many symptoms such as coughing, coughing blood, chest pain, fatigue, fever, and chills.</p> <p>All of symptoms can put you in the hospital or sadly, kill you.</p>
 <p>You can avoid TB by staying away from people with it, and airing out rooms regularly.</p> <p>Tuberculosis spreads through the air so you never know if you're going to get it. If you have any symptoms of it, tell a doctor right away to be treated for it.</p>	 <p>If you have symptoms of TB, go to a doctor or the emergency room if it's severe. They can treat it there.</p> <p>The most common treatment for active TB is isoniazid INH plus three other drugs -rifampin, pyrazinamide and ethambutol.</p>	 <p>Hope you learned a lot! Even though tuberculosis is hard to catch, you can still catch it. Bye</p>
<p>Create your own at Storyboard That</p>		

*Signature*  
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## Google Meet Online Class (TLP method/ ICT Tool)

Date: 04/05/2023

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Online class

Subject: Pharmaceutical Biotechnology

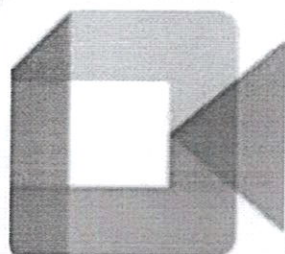
Class: B. Pharmacy 3<sup>rd</sup> Year

Unit /Topic: Unit IV

Timings: 10:40 Am-11:30 Am

Description: Revision class

Google Meet: <https://meet.google.com/csm-zqxz-qqs>



Meet

Real-time meetings by Google. Using ...  
[meet.google.com](https://meet.google.com/csm-zqxz-qqs)

<https://meet.google.com/csm-zqxz-qqs>

10:17 ✓

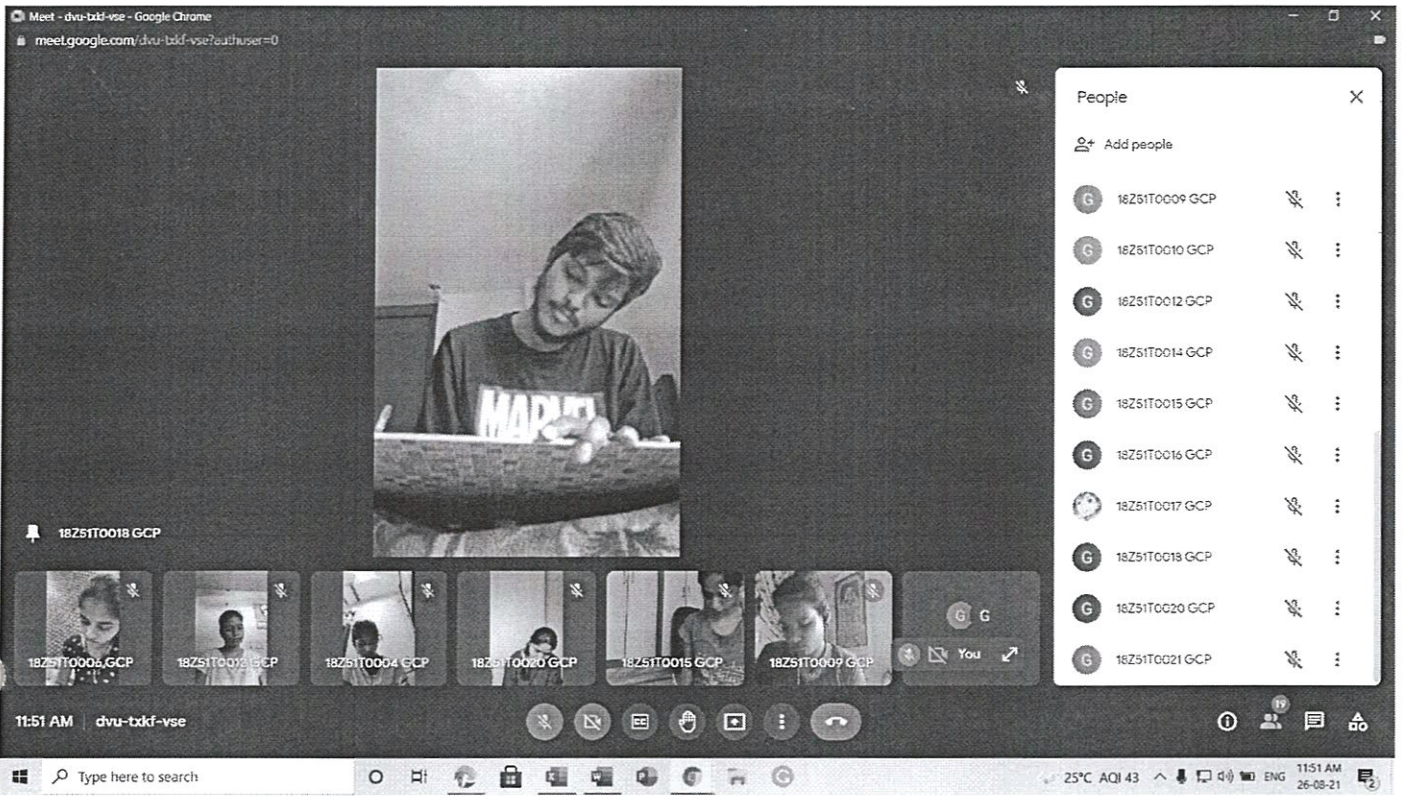
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## Google Meet Online Class (TLP method/ ICT Tool)

Date: 08/04/2023

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Online class

Subject: Pharmaceutical Biotechnology

Class: B. Pharmacy 3<sup>rd</sup> Year

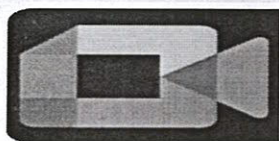
Unit /Topic: Unit I, II and III

Timings: 9:00 Pm-10:00 Pm

Description: Revision class

Google Meet: <https://meet.google.com/gse-onym-etd>

8 April 2023



Meet

Real-time meetings by Google. Using ...  
[meet.google.com](https://meet.google.com/gse-onym-etd)

<https://meet.google.com/gse-onym-etd>

08:40 ✓

all join by 9 sharp 08:40 ✓

HOD

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## Google Classroom (TLP method/ ICT Tool)

Date: 21/03/2023

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Online class

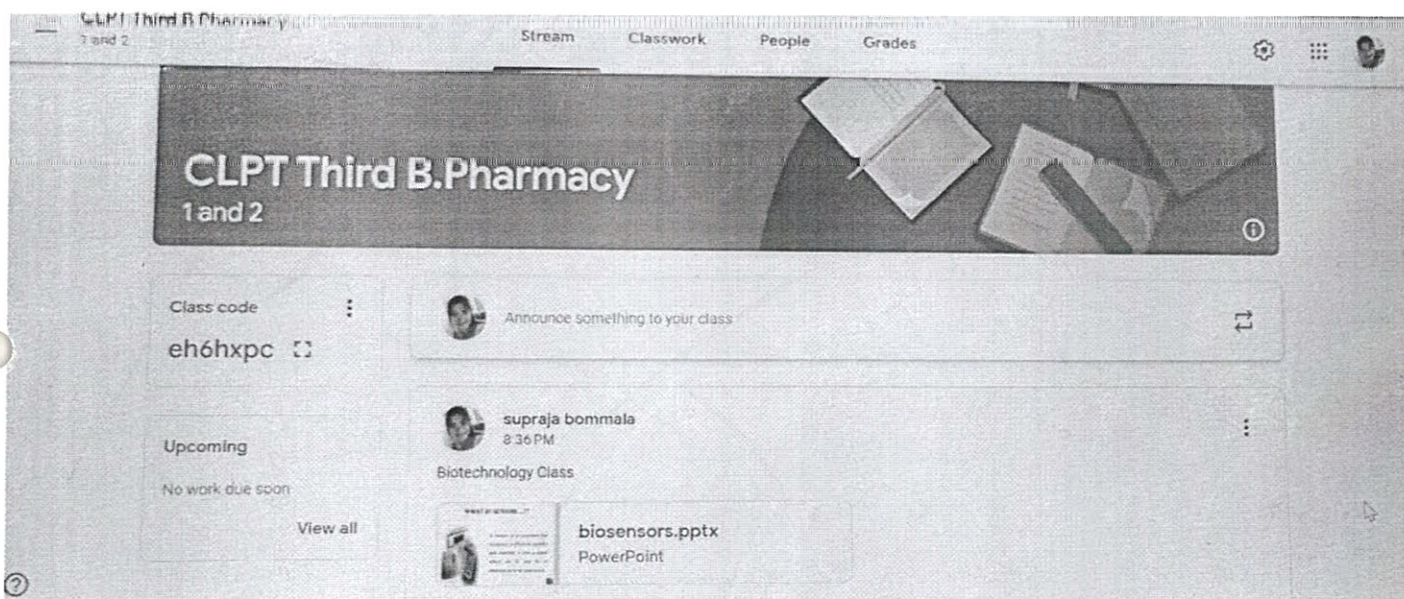
Subject: Pharmaceutical Biotechnology

Class: B. Pharmacy 3<sup>rd</sup> Year

Unit /Topic: Unit I

Timings: 8:30 Pm-09:30 Pm

Description: Revision class

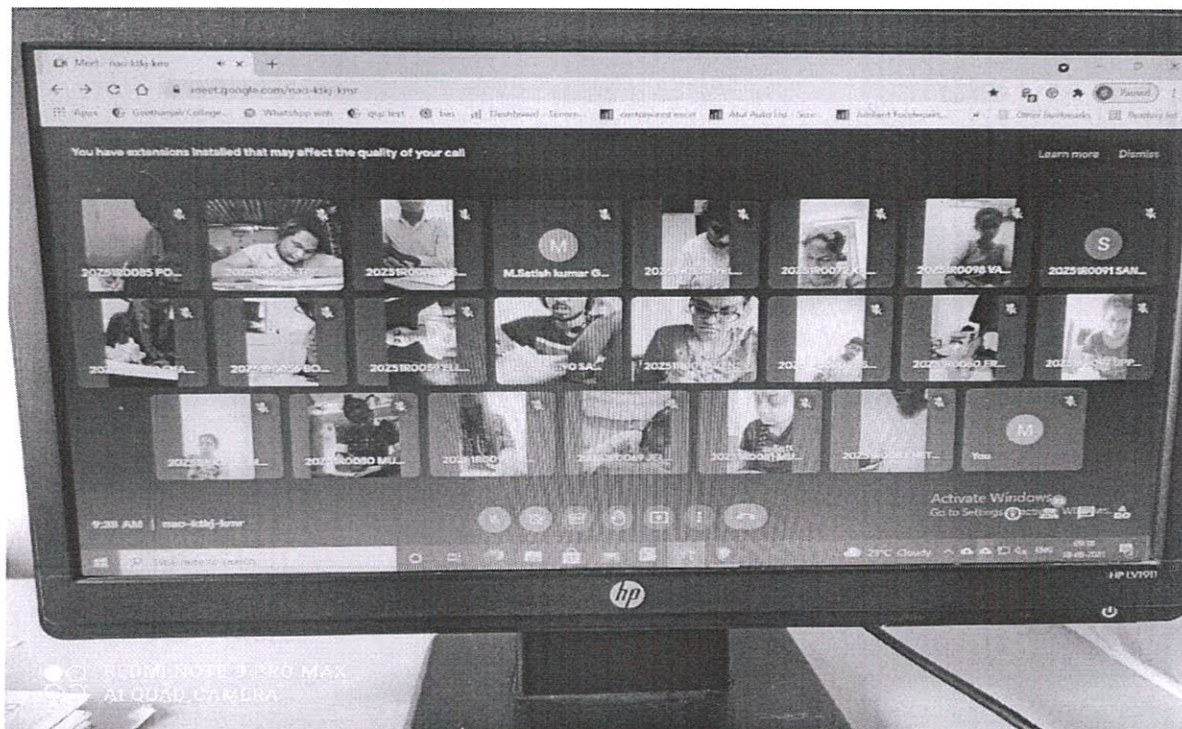


*Supraja*  
HOD



*Supraja*  
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Faculty sign:

*Handwritten signature*  
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**PPT Presentation (TLP Method /ICT Tool)**

**Date: 14/03/2023**

**Name of the Faculty:** B.Anitha    **Designation:** Asst.professor    **Department:** Pharmaceutics

**Presentation:** Faculty Presentation

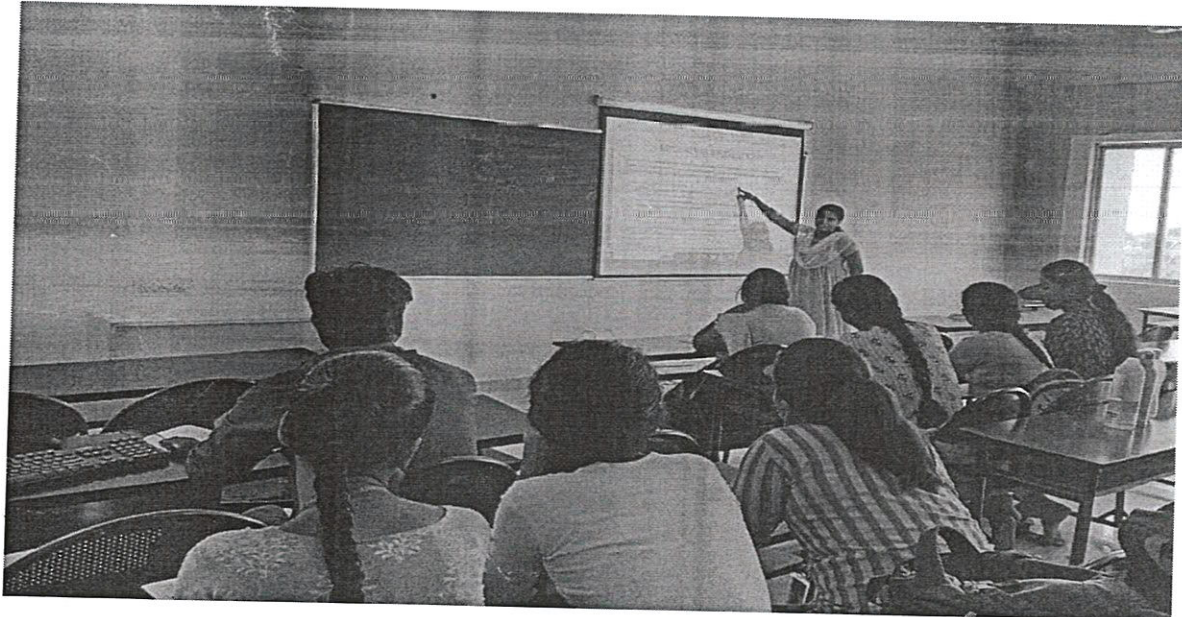
**Subject:** Pharmaceutical Jurisprudence

**Class:** B.Pharmacy 4<sup>th</sup> Year

**Unit/Topic:** Education Regulations

**Timings:** 11.30 -12.20

**Description:** Students will understand about minimum standard of education required for qualification as a pharmacist



*B. Anitha*  
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*Anitha*  
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## Quiz (TLP method/ ICT Tool)

Date: 08/02/2023

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

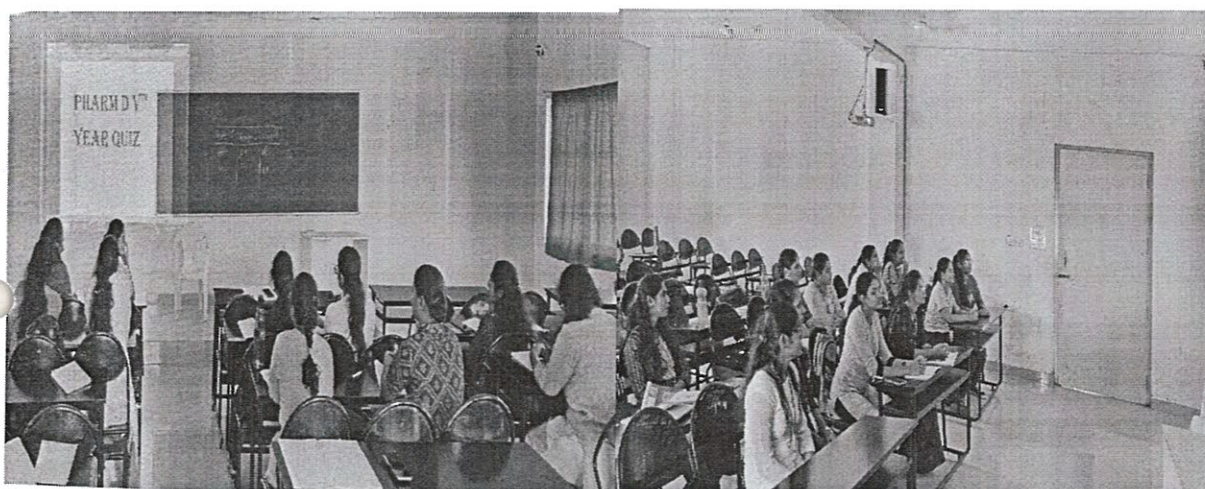
Presentation: Student Presentation

Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 9:50 Am to 11:30 Pm

Description: students are encouraged to do a PowerPoint presentation on the respective and interested drug profile for the Therapeutic Drug Monitoring



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(TLP method/ ICT Tool)

Date: 4-2-2023

Name: BODAKUNTLA MAMATHA

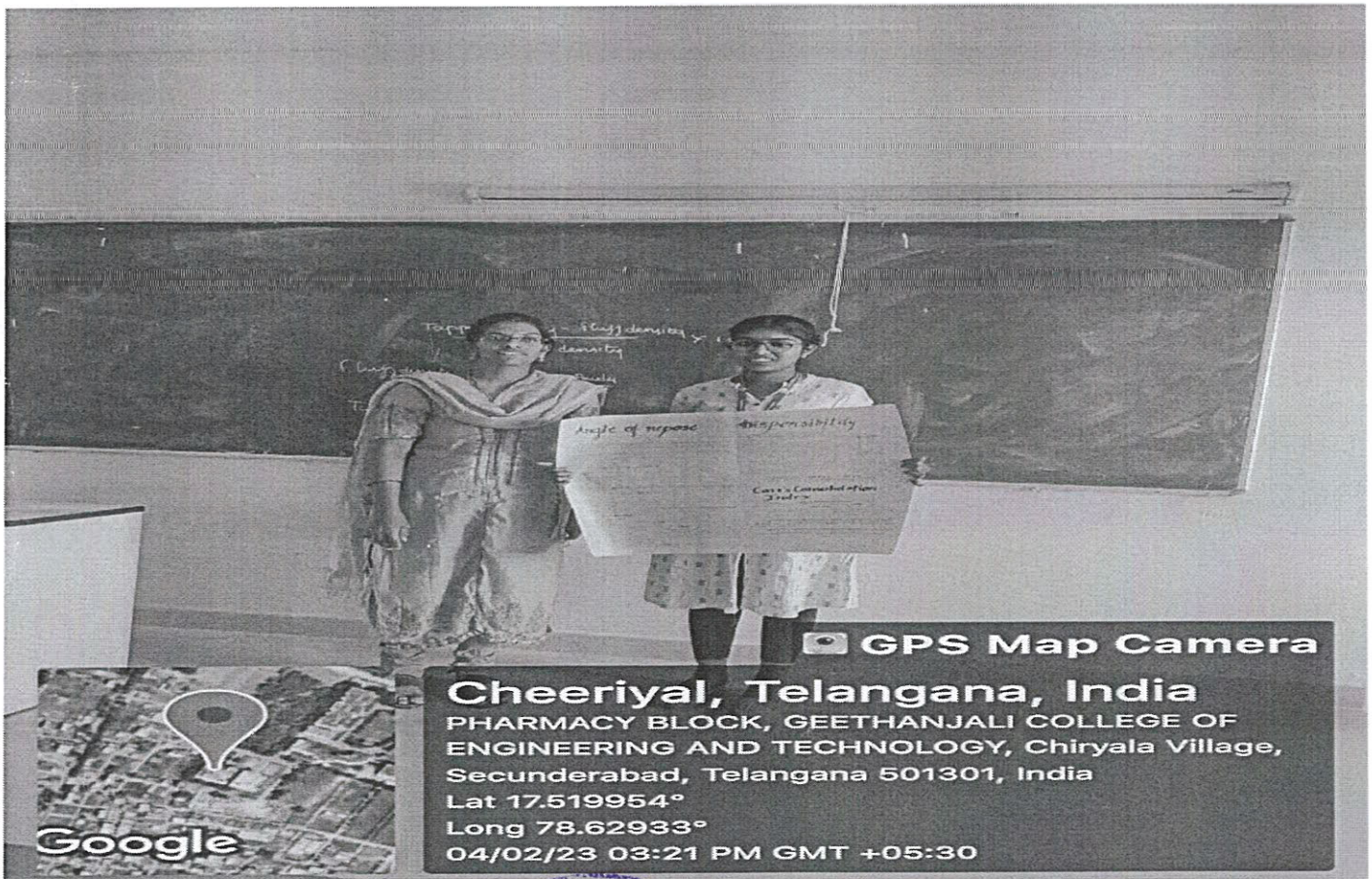
Subject: Physical pharmaceutics-I

Class: B.Pharmacy II Yr/ Sec-A

Unit /Topic: Unit-I/ Flow properties of powders

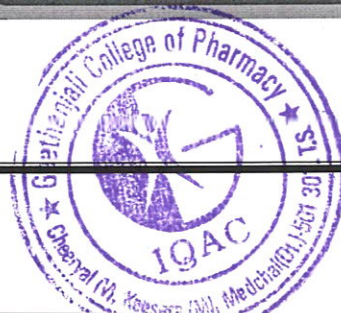
Timings: 2.40 PM to 3.30 PM

Description: Student presentation on flow properties of powders



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## DEMO (TLP method/ ICT Tool)

Date: 01/02/2023

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

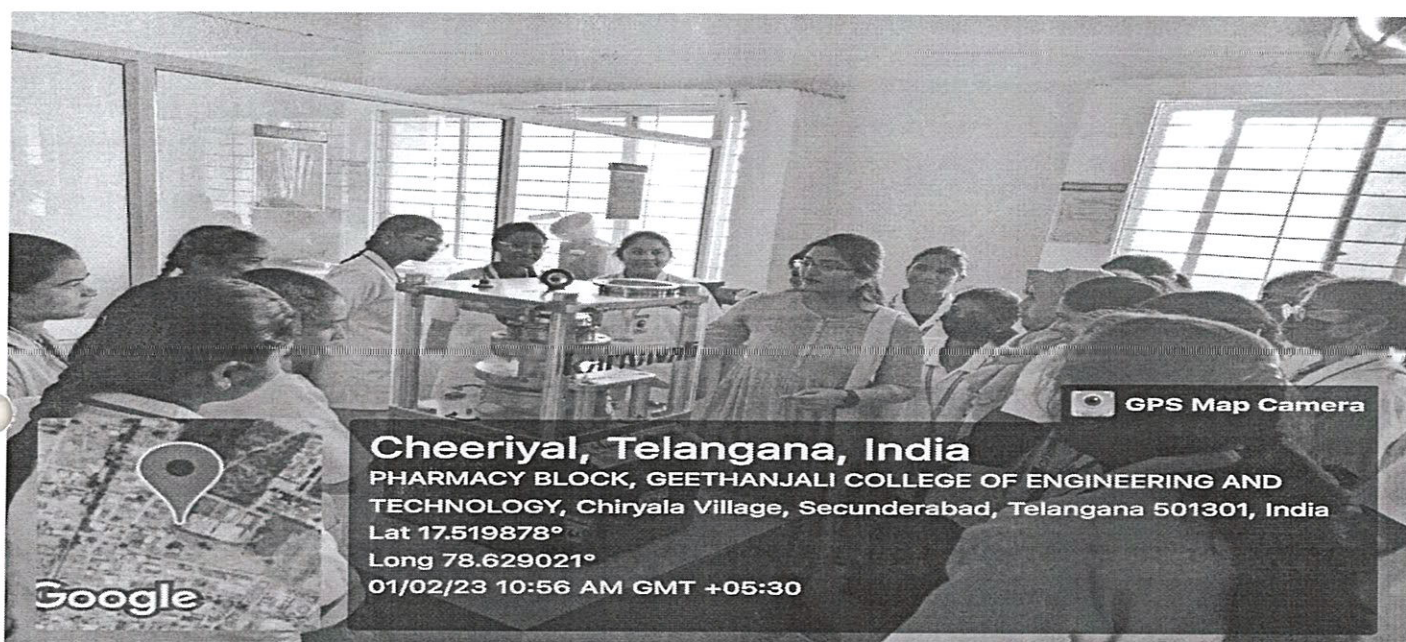
Presentation: Staff Presentation

Subject: Pharmaceutical Engineering Lab

Class: B. Pharmacy 2<sup>nd</sup> Year

Unit /Topic: LAB Equipment Demonstrations.

Timings: 10:40 Am to 11:30 Pm



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## QUIZ(TLP method)

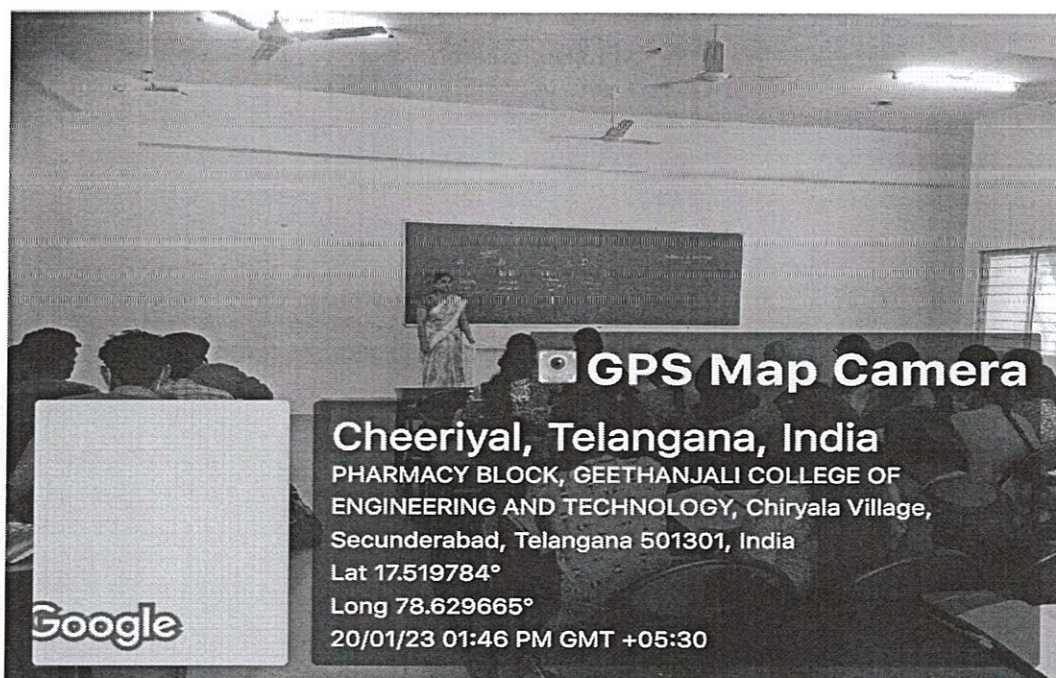
**Name:** S. Rani

**Date:** 20.01.2023

**Subject:**Phrmaceutics I **Class:** B. Pharmacy I Yr. I Sem

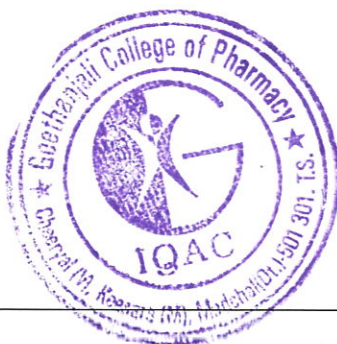
**Unit/Topic:** Unit- I & II

**Timings:** 1.00 – 1.50PM



*[Signature]*  
COORDINATOR

*[Signature]*  
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## CROSS WPRD PUZZLE (TLP method)

**Name:** S. Rani

**Date:** 12.01.2023

**Subject:**Phrmaceutics I **Class:** B. Pharmacy I Yr. I Sem

**Unit/Topic:** Unit- II / POWDERS

**Timings:** 9.00 – 9.50AM



  
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## POWERPOINT PRESENTATION(TLP method)

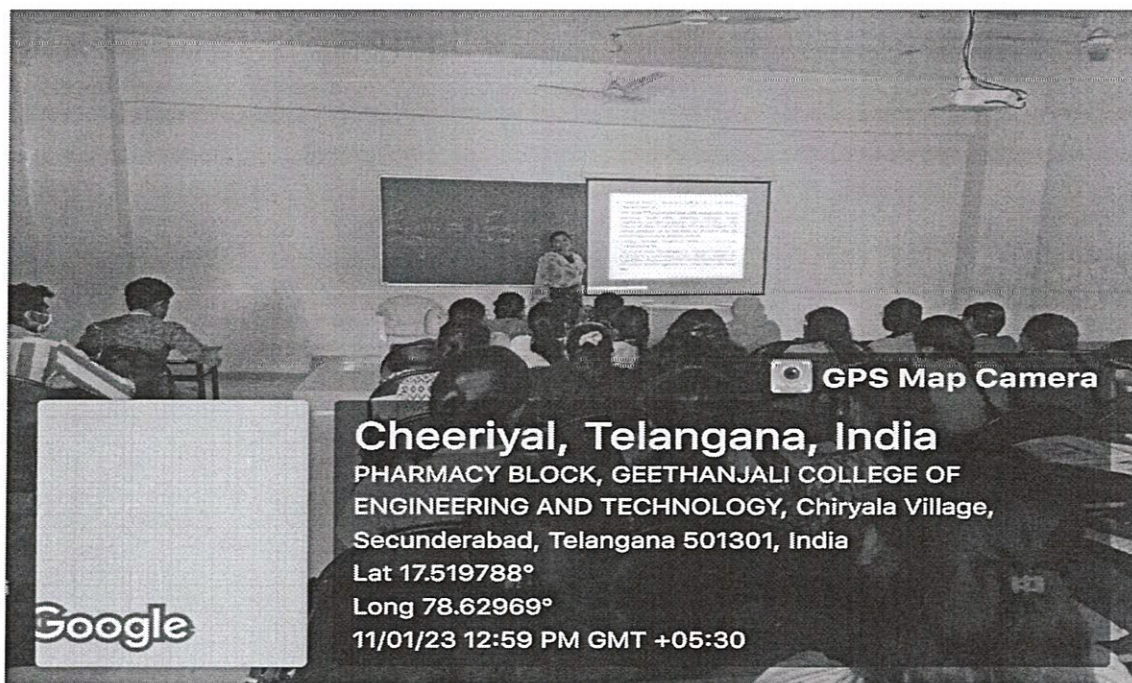
Name: S. Rani

Date: 11.01.2023

Subject:Phrmaceutics I Class: B. Pharmacy I Yr. I Sem

Unit/Topic: Unit- I / Pharmacopoeia

Timings: 12.00 – 1.00PM



*S. Rani*  
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*S. Rani*  
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## CONCEPT MAP

Name : K.Swapna

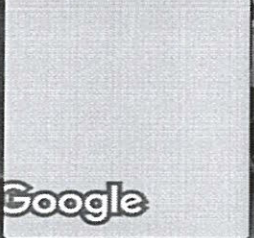
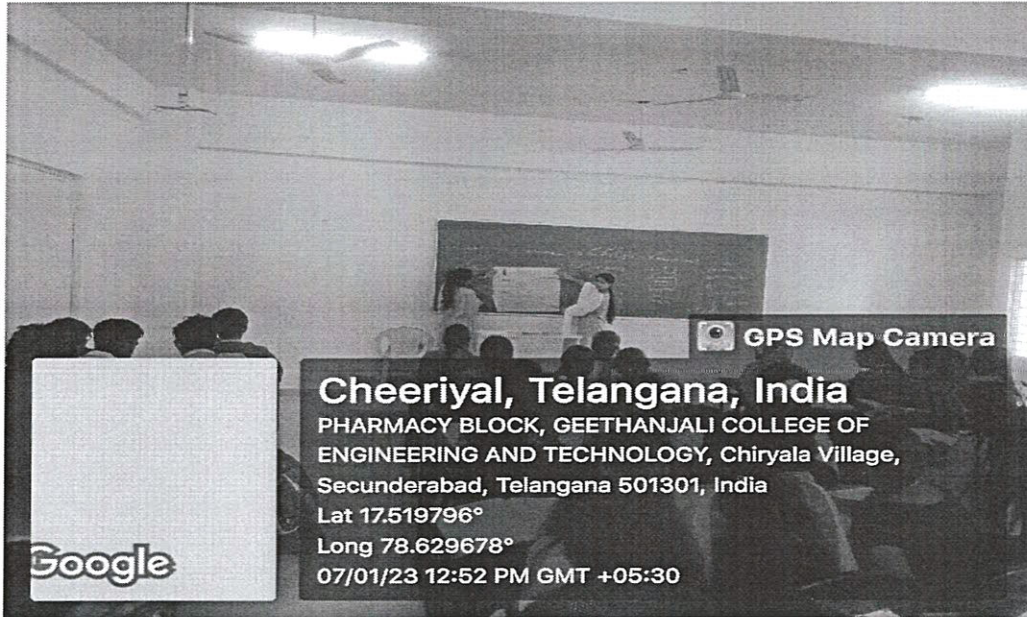
Class : I.B.Pharm sec\_B

Date: 07.01.2023

Topic: Matrices

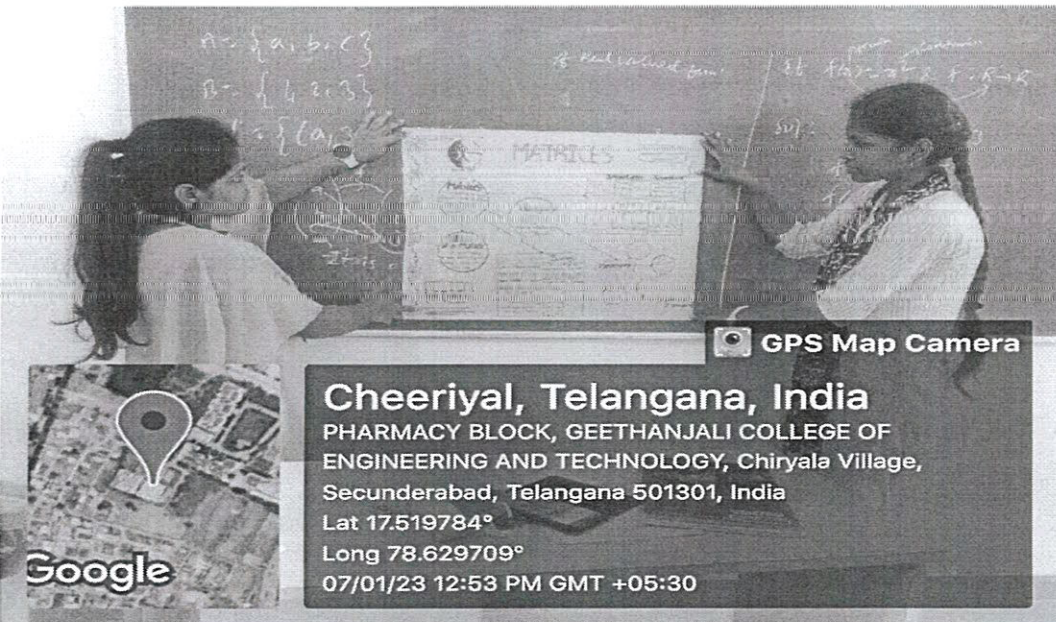






GPS Map Camera

**Cheeriyal, Telangana, India**  
 PHARMACY BLOCK, GEETHANJALI COLLEGE OF  
 ENGINEERING AND TECHNOLOGY, Chiryala Village,  
 Secunderabad, Telangana 501301, India  
 Lat 17.519796°  
 Long 78.629678°  
 07/01/23 12:52 PM GMT +05:30



GPS Map Camera

**Cheeriyal, Telangana, India**  
 PHARMACY BLOCK, GEETHANJALI COLLEGE OF  
 ENGINEERING AND TECHNOLOGY, Chiryala Village,  
 Secunderabad, Telangana 501301, India  
 Lat 17.519784°  
 Long 78.629709°  
 07/01/23 12:53 PM GMT +05:30

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 Cheeriyal (V), Keesara (M), Medchal Dist., (T.S.)-501 301.

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**PPT Presentation (TLP Method /ICT Tool)**

**Date: 07/01/2023**

**Name of the Faculty:** P.Jyothi    **Designation:** Asst.professor    **Department:** Pharmaceutics

**Presentation:** Faculty Presentation

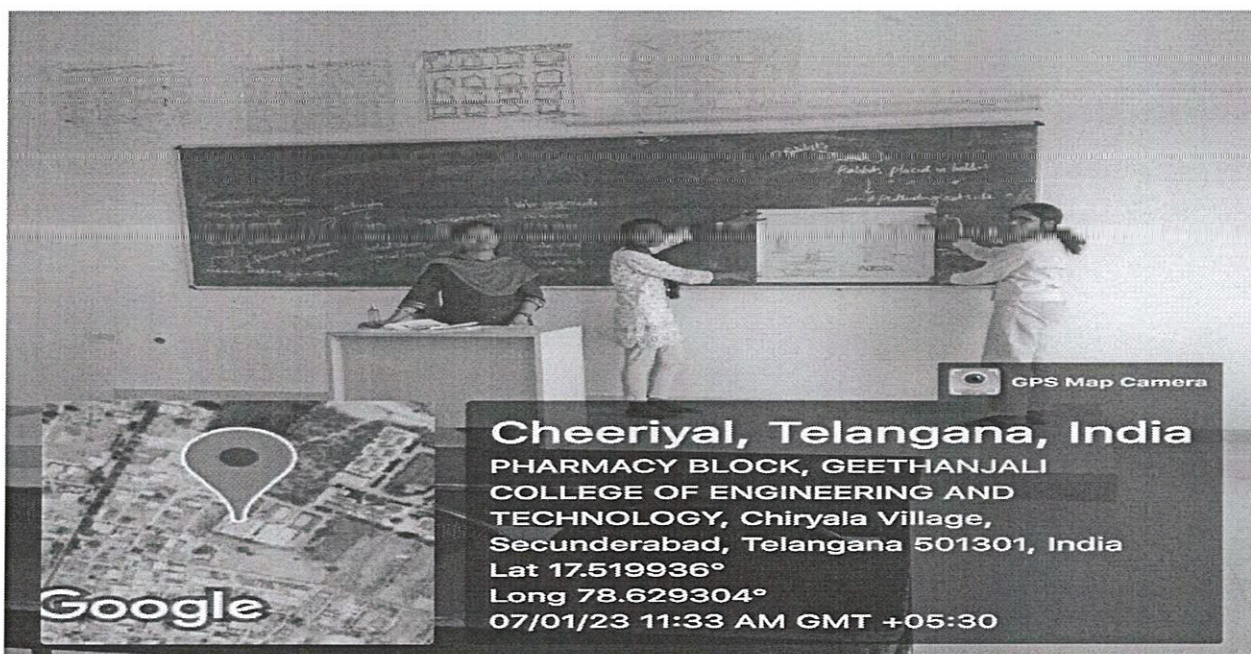
**Subject:** Industrial Pharmacy -I

**Class:** B.Pharmacy III Year I Sem

**Unit/Topic:** Aerosols

**Timings:** 11.30 -12.20

**Description:** Explained aerosols by using model presentation as ICT tool



*P. Jyothi*  
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## Case Study (TLP method/ ICT Tool)

Date:05/01/2023

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

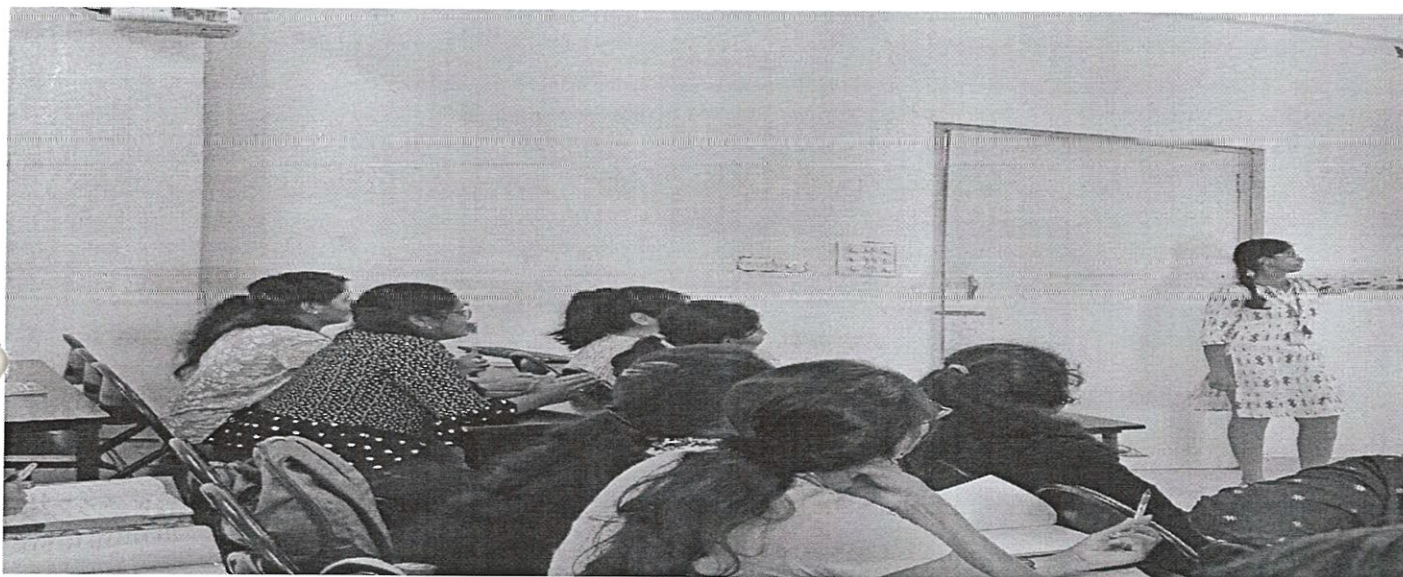
Presentation: Student Presentation

Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 9:50 Am to 1:50 Pm

Description: students are encouraged to do a PowerPoint presentation on the respective and interested drug profile for the Therapeutic Drug Monitoring



HOD



*Sanjiv Reddy*  
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## PPT Presentation (TLP Method /ICT Tool)

Date: 05/01/2023

Name of the Faculty: P.Jyothi Designation: Asst.professor Department: Pharmaceutics

Presentation: Faculty Presentation

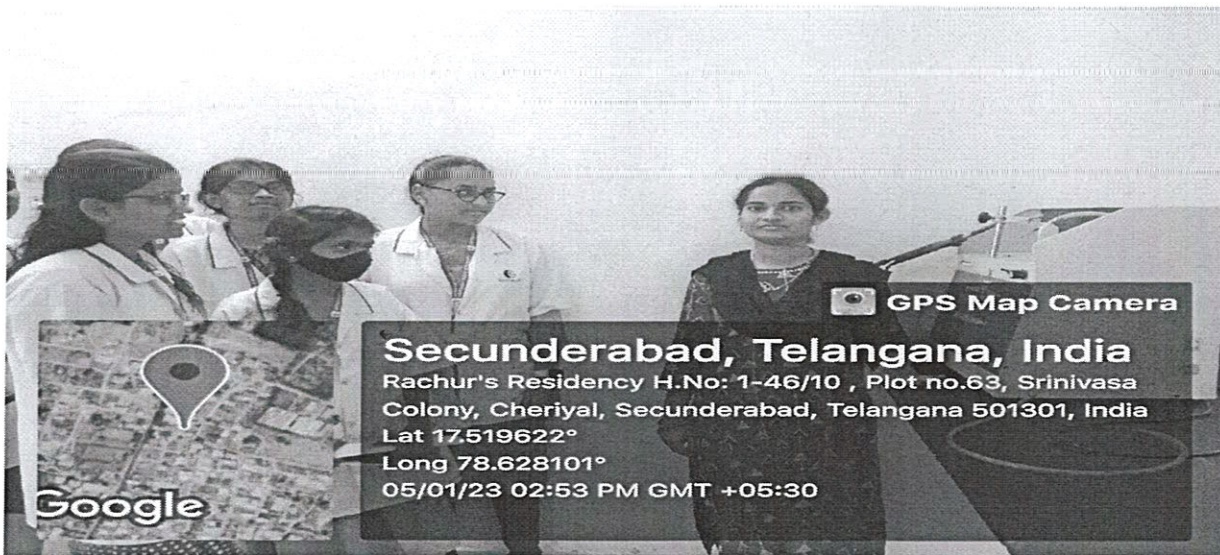
Subject: Industrial Pharmacy -I

Class: B.Pharmacy III Year I Sem

Unit/Topic: Capsule Filling and Sealing

Timings: 2:30 PM

Description: Demonstration on Capsule Filling and Sealing equipment



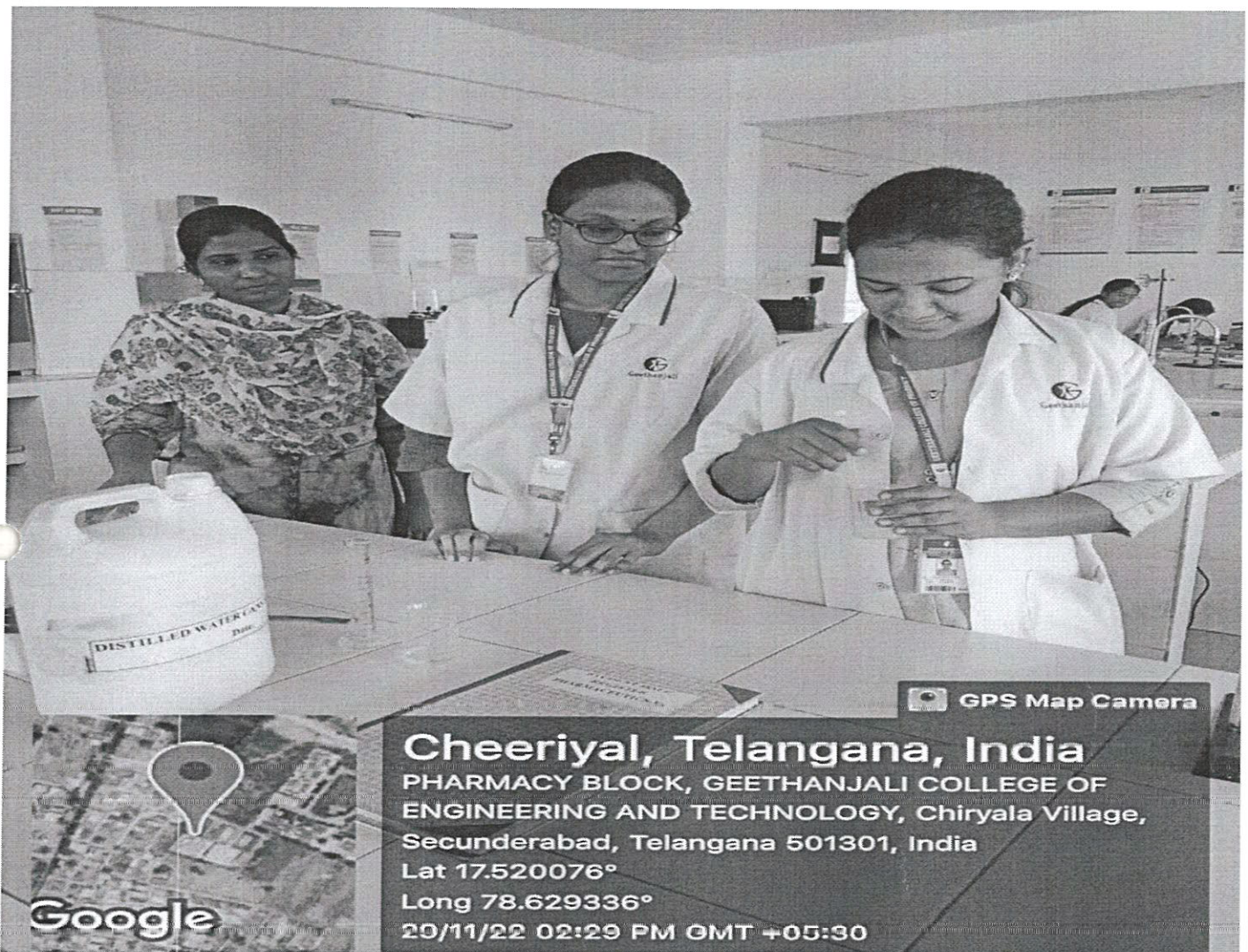
*P. Jyothi*  
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GPS Map Camera

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PHARMACY BLOCK, GEETHANJALI COLLEGE OF  
ENGINEERING AND TECHNOLOGY, Chiryala Village,  
Secunderabad, Telangana 501301, India  
Lat 17.520076°  
Long 78.629336°  
20/11/22 02:29 PM GMT +05:30



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HOD

*[Handwritten Signature]*  
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## Collage Activity (TLP method)

Name: S. Rani

Date: 04.01.2023

Subject: Pharmaceutics I Class: B. Pharmacy I Yr. I Sem

Unit/Topic: Unit- I / Prescription

Timings: 10.40 – 11.30AM



  
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## PPT PRESENTATION (TLP method)

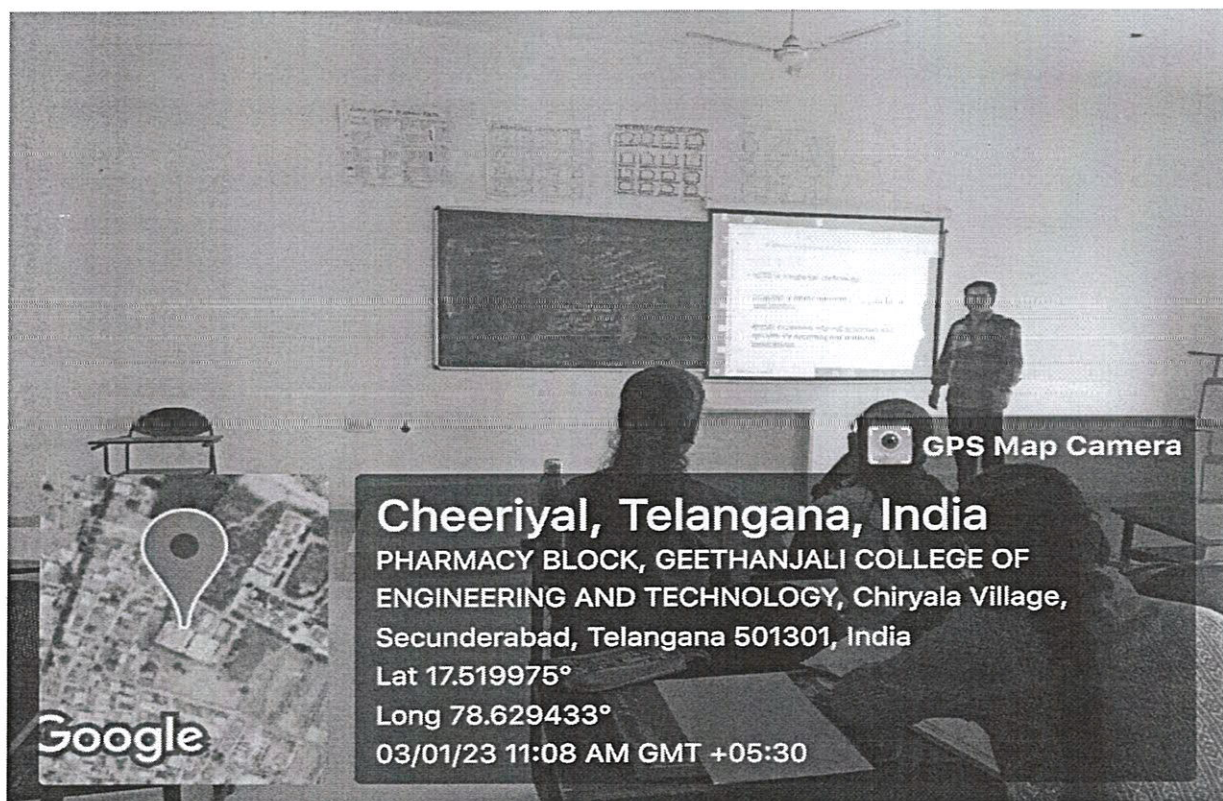
Name: K.Prashanth

Date: 03.01.2023

Subject: Generic product development      Class: B. Pharmacy III Yr. I Sem(A)

Topic: Unit:5 Electronic common technical document

Timings: 10.40 – 11:30 AM



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(TLP method/ ICT Tool)

Date: 03-01-2023

Name: BODA.SWATHI

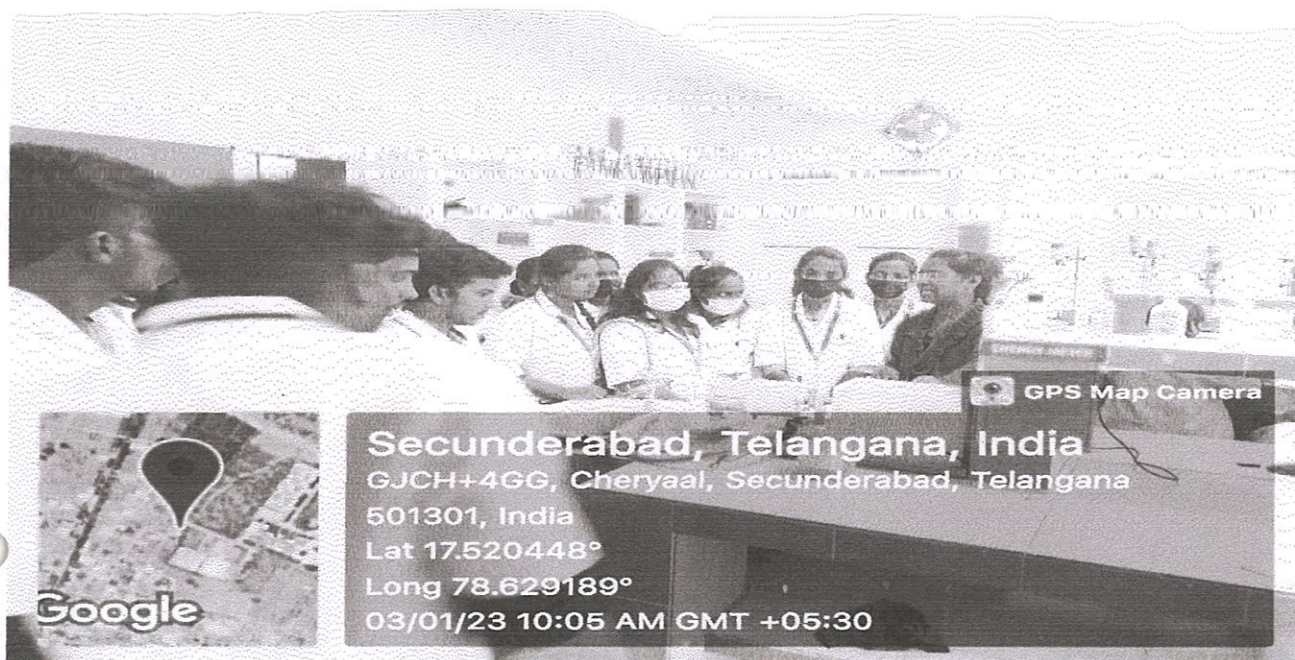
Subject: PHARMACEUTICAL ENGINEERING

Class: B. PHARMACY II YR/ISEM

Unit /Topic: SIZE REDUCTION

Timings: 9 AM to 12.20 PM

Description: BALL MILL



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## New Lab Experiment addition (TLP method/ ICT Tool)

**Name of the Faculty:** Bommala. Supraja **Designation:** Asst Professor **Department:** Pharmaceutics

**Subject:** Pharmaceutical Engineering Lab

**Class:** B. Pharmacy 2<sup>nd</sup> Year

### DETERMINATION OF RADIATION CONSTANT OF BRASS, IRON, UNPAINTED AND PAINTED GLASS

**Aim:** To determine the radiation constant of brass, iron, unpainted and painted glass.

**Requirements:** Metal cylinder (brass, iron), glass tripod stand, thermometer (360°C), round bottom flask with long neck, painted (white colour) round bottom flask and painted (green colour) round bottom flask, hotplate or burner.

#### Principle:

Heat flows from region of high temperature to a region of low temperature. Heat may flow by one or more of the three basic mechanisms. Conduction is a process in which heat flow in a body is achieved by the transfer of the momentum of the individual atoms or molecules without mixing. Convection is a process in which heat flow is achieved by actual mixing of warmer portions with cooler portions of the same material. And radiation is a process in which heat flows through spaces by means of electromagnetic waves.

A freely suspended hot body loses heat by conduction, convection and radiation, until it reaches the room temperature. This is an equilibrium condition. In this system, the heat loss through convection is neglected, since movement of particles is negligible. As the metal cylinder is freely suspended without any contact with the metal (of high thermal conductivity) the heat loss through conduction is considered minimum. For this reason, the metal cylinder is placed on a glass tripod stand. Thus, heat loss by radiation is highlighted.

If two adjacent surfaces are at different temperatures, the hotter body radiates more than it receives and its temperature falls. The cooler surface receives more energy than it emits and its temperature rises. Ultimately thermal equilibrium is reached. Stefan – Boltzmann law gives the total amount of radiation emitted by a body.

$$q = bAT^4 \quad (1)$$

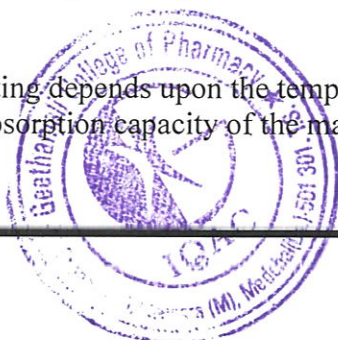
Where,  $q$  = energy radiated per second, W (or J/s)

$A$  = area of radiating surface,  $m^2$

$T$  = absolute temperature of the radiating surface, K

$b$  = constant,  $W/m^2.K^4$

According to equation (1), the rate of heating depends upon the temperature and surface area of the emitter. At the same time, it also depends upon the absorption capacity of the material to be heated. This characteristic is evaluated.



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$$Ms \frac{dq}{dt} = \alpha A \left( \left\{ \frac{T_1}{100} \right\}^4 - \left\{ \frac{T_2}{100} \right\}^4 \right) + \beta A (T_1 - T_2)^{1.23} \quad (2)$$

Where,  $M$  = mass of the metal cylinder,  $w$  g  
 $s$  = specific heat of the metal, J/Kg.K  
 $(dq/dt)$  = rate of heat loss by metal cylinder, W/s  
 $T_1$  = temperature of the metal body, K  
 $T_2$  = temperature of the ambient (room temperature), K  
 $\alpha$  = radiation constant,  $W/m^2.K^4$   
 $\beta$  = convection factor  
 $A$  = surface area for heat transfer,  $m^2$

The parameters mentioned in equation (2) are evaluated by different methods and substituted for calculating  $\alpha$ .

**For unpainted and painted glass:**

$$(M_1s_1 - M_2s_2) \frac{dq}{dt} = \alpha A \left( \left\{ \frac{T_1}{100} \right\}^4 - \left\{ \frac{T_2}{100} \right\}^4 \right) + \beta A (T_1 - T_2)^{1.23}$$

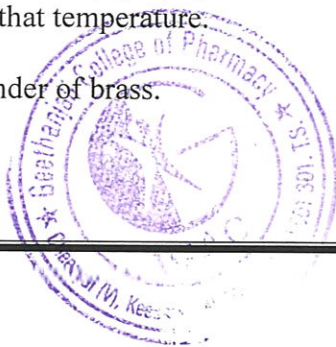
Where,  $M_1$  = mass of water,  $w$  Kg  
 $M_2$  = mass of round bottom flask (unpainted/painted), kg  
 $s_1$  = specific heat of water, J/Kg.K  
 $s_2$  = specific heat of glass, J/Kg.K

The special feature of the heat transmission by radiation is that radiant energy penetrates to a certain distance in the material. Beyond a particular point, heat transfer by radiation becomes ineffective. For this reason, formation of surface skin must be avoided. When glass apparatus is painted with silver oxide (white or any other colour), the rate of radiation decreases, because acts as insulation by radiation.

**Procedure: (Radiation constant of metals)**

1. A metal (iron) cylinder is cleaned and weighed ( $w$  g) thrice. The average weight is noted in the table 1.1.
2. The diameter and height of the cylinder are measured thrice. The average values are calculated. The radius of the cylinder is calculated and recorded. The surface area of the cylinder is calculated and recorded.
3. The metal cylinder is heated using a Bunsen burner.
4. After reaching a constant maximum temperature, the hot body (metal cylinder) is transferred to the glass tripod stand using long tongs.
5. The thermometer ( $360^\circ\text{C}$ ) is placed in the central hole of the cylinder and fixed to a stand using a thread.
6. Slowly the temperature of the hot body decreases. The decrease in temperature is noted every 5 minute interval. The data are recorded.
7. A graph is plotted taking time (mins) on x-axis and temperature on y-axis. Normally, a curve is observed.
8. Depending on the temperature at which the radiation constant is to be determined, a tangent is drawn at that temperature. The slope of the tangent is calculated, which represents the rate of fall of temperature. This parameter is related to rate of loss of heat ( $dq/dt$ ) by the hot body.
9. Radiation constant ( $\alpha$ ) is determined at that temperature.

\*The same procedure is repeated for metal cylinder of brass.



*Soujanya*  
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Pharmacy, Srirangapatna (Tal. Srirangapatna, Dist., (T.S.)-501 301.



**Procedure: (Radiation constant of painted/unpainted glass)**

1. A round bottom flask (unpainted) is cleaned and dried.
2. The weight of the flask is determined ( $M_2$  Kg) and reported in table.
3. The diameter ( $D$ ) of the round bottom flask is determined and reported.
4. The diameter ( $d$ ) of neck of the flask is determined and reported.
5. Boiled hot water is prepared and a measured volume of hot water is transferred to the flask carefully. The volume of water is recorded ( $M_1$ ). The external surface of the round bottom flask is thoroughly dried and cleaned. The flask with hot water is placed on the tripod stand.
6. Thermometer ( $110^\circ\text{C}$ ) is dipped to the center of the flask and tied at the top to an iron stand.
7. Slowly the temperature of the hot body decreases. The decrease in temperature is noted every minute. The data are recorded.
8. A graph is plotted by taking time (mins) on x-axis and temperature on y-axis. Normally a curve is obtained.
9. Depending on the temperature at which radiation constant is determined, a tangent is drawn at that temperature. The slope is calculated. This parameter is related to the rate of heat loss ( $dq/dt$ ).
10. Radiation constant ( $\alpha$ ) is determined at that temperature.

\*The same procedure is repeated with round bottom flask painted with silver oxide (white colour) and green colour.

**Observation and Calculations for Metal Cylinders:**

At room temperature: Wet bulb temperature = -----  $^\circ\text{C}$ -----K

Dry bulb temperature = -----  $^\circ\text{C}$ -----K

**Table 1.1**

**Parameters of metal cylinder**

S.No	Parameter (Iron)	Trail			Average (CGS)	Average (SI)
		1	2	3		
1	Weight, $w$ g					
2	Diameter, $d$ cm					
3	Radius, $r$ cm					
4	Height, $h$ cm					
5	Surface area, $A$					

S.No	Parameter (Brass)	Trail			Average (CGS)	Average (SI)
		1	2	3		
1	Weight, $w$ g					
2	Diameter, $d$ cm					
3	Radius, $r$ cm					
4	Height, $h$ cm					
5	Surface area, $A$					

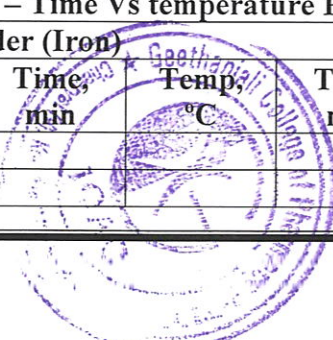
Heat loss by convection,  $\beta = 0$

Specific heat of metals:

Iron,  $s = 106 \text{ J/Kg. K}$ ; Brass,  $s = 370 \text{ J/Kg. K}$

**Radiation Constant of a Metal (Iron & Brass) – Time Vs temperature Plot Data**

Metal Cylinder (Iron)							
Time, Min	Temp, $^\circ\text{C}$	Time, min	Temp, $^\circ\text{C}$	Time, min	Temp, $^\circ\text{C}$	Time, min	Temp, $^\circ\text{C}$



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pharmacy  
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## PPT Presentation (TLP method/ ICT Tool)

Date: 30/12/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

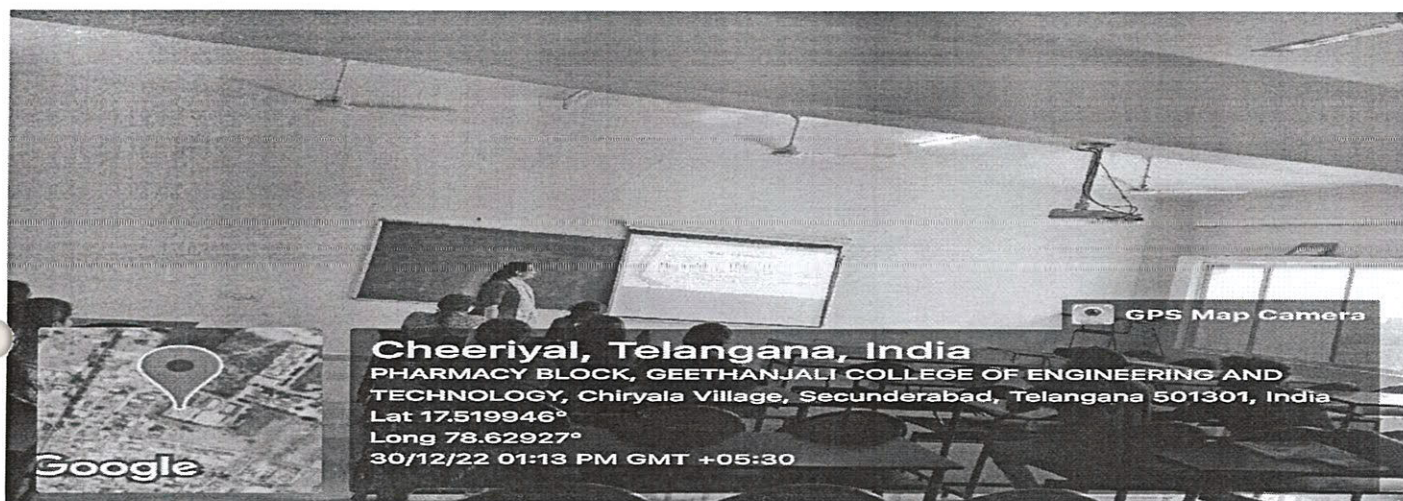
Presentation: Staff Presentation

Subject: NDDS

Class: B. Pharmacy 4<sup>th</sup> Year

Unit /Topic: UNIT IV

Timings: 1:00 Pm to 1:50 Pm



HOD



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## Group Discussion (TLP method/ ICT Tool)

Date: 30/12/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

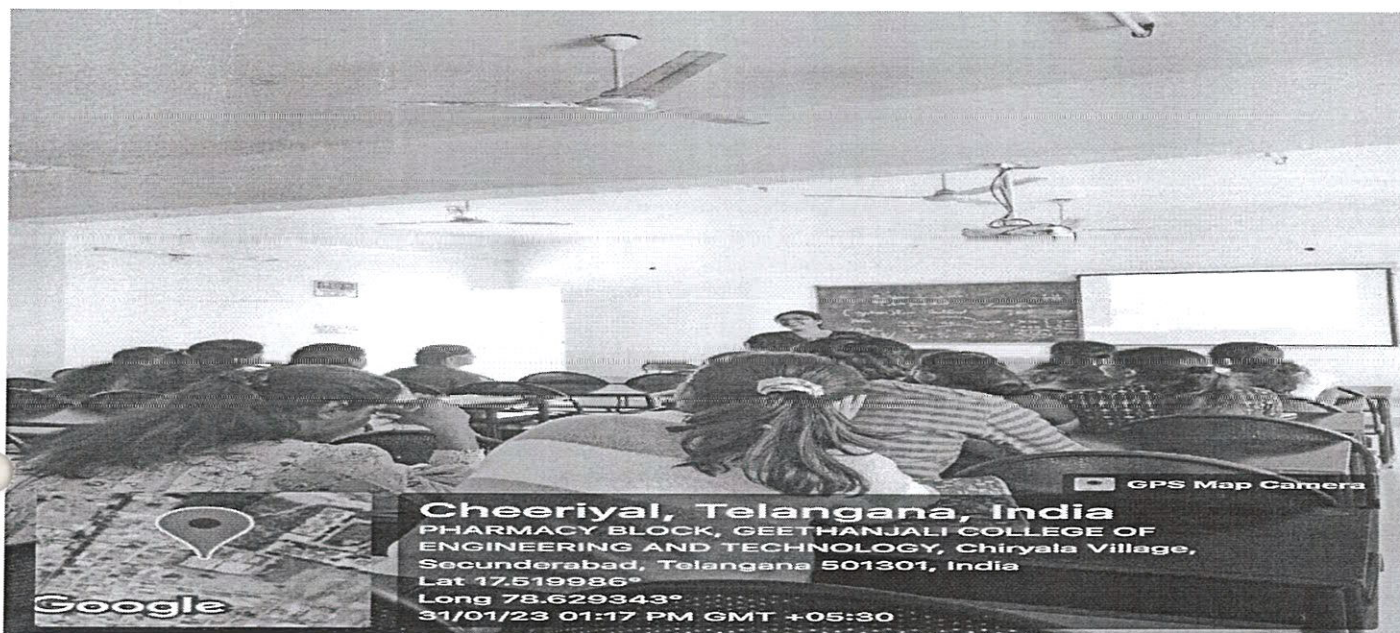
Presentation: Staff Presentation

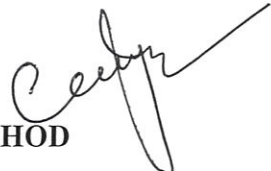
Subject: NDDS

Class: B. Pharmacy 4<sup>th</sup> Year

Unit /Topic: UNIT IV

Timings: 1:00 Pm to 1:50 Pm



  
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Chceryal (V), Kccsara (M), Medchal-Malkajgiri Dist., Tclangana Statc- 501301

## CHART/MODEL PRESENTATION (TLP method)

**Name:** B. Sandhya

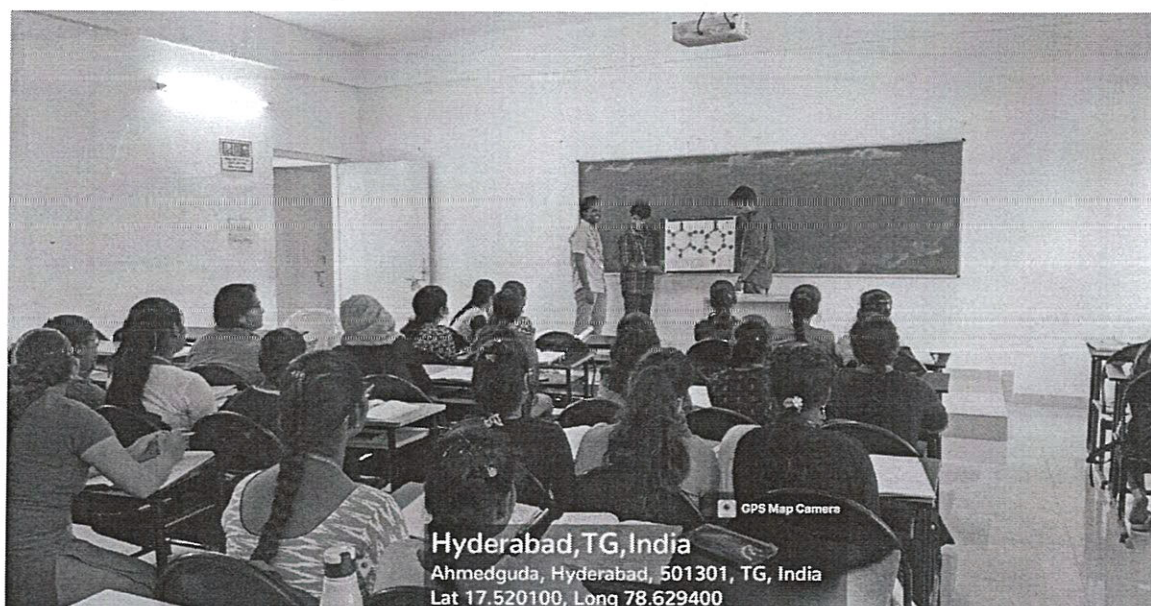
**Date:** 30/12/2022

**Subject:** Pharmaceutical Organic Chemistry II

**Class:** B. Pharmacy II Yr. I Sem Sec B

**Unit/Topic:** Structure of Benzene ( UNIT I)

**Timings:** 11.30 – 12.20 PM



**COORDINATOR**

*Sanjivani*  
**PRINCIPAL**

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## Flow Chart(TLP method)

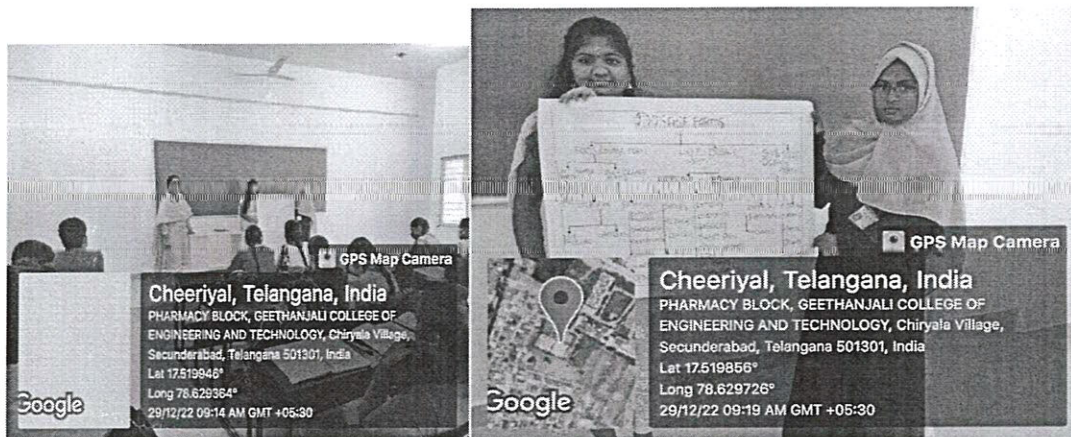
Name: S. Rani

Date: 29.12.2022

Subject:Phrmaceutics IClass: B. Pharmacy I Yr. I Sem

Unit/Topic: Unit- I / classification of dosage forms

Timings: 9.00 – 9.50AM



  
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## PPT PRESENTATION (TLP method)

Name: K.Prashanth

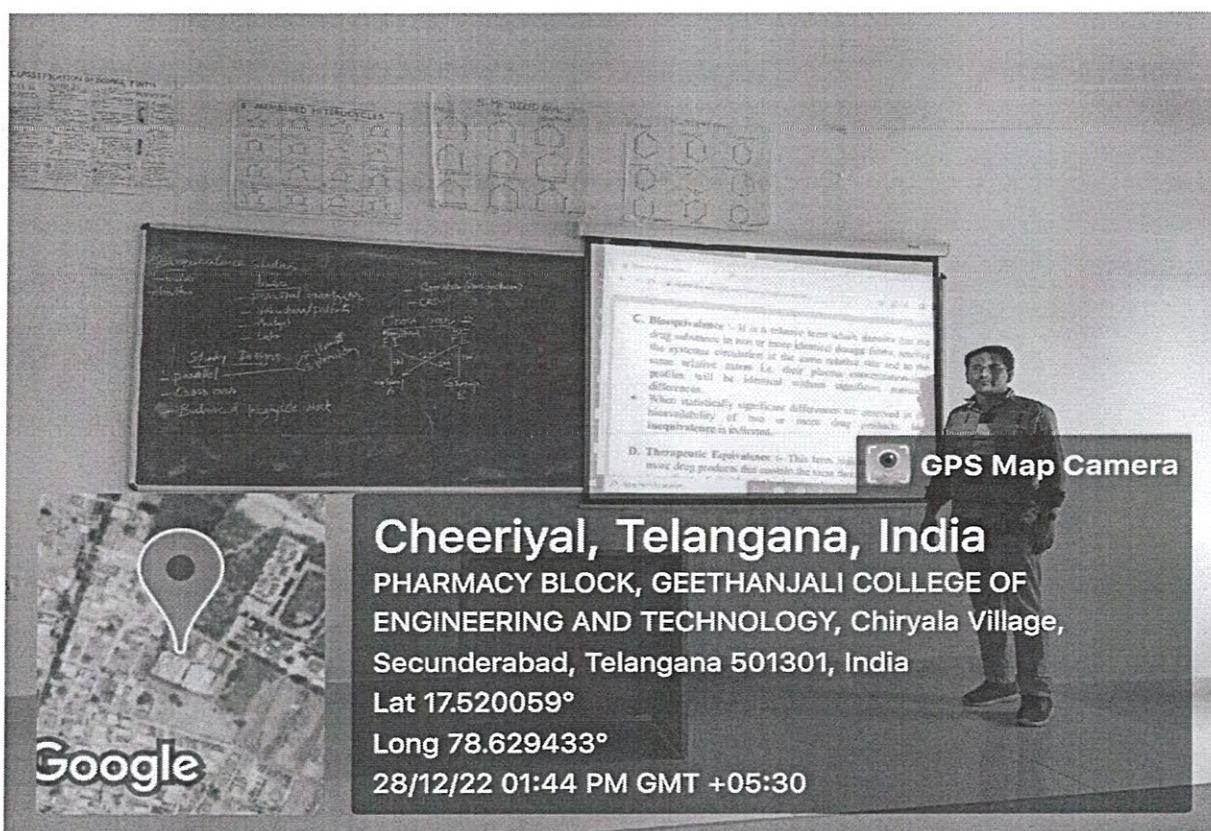
Date: 28.12.2022

Subject: Generic product development

Class: B. Pharmacy III Yr. I Sem(A)

Topic: Unit:5 Bioequivalence studies

Timings: 1.00 – 1:50 PM



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## Zoom Online Class (TLP method/ ICT Tool)

Date: 28/12/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

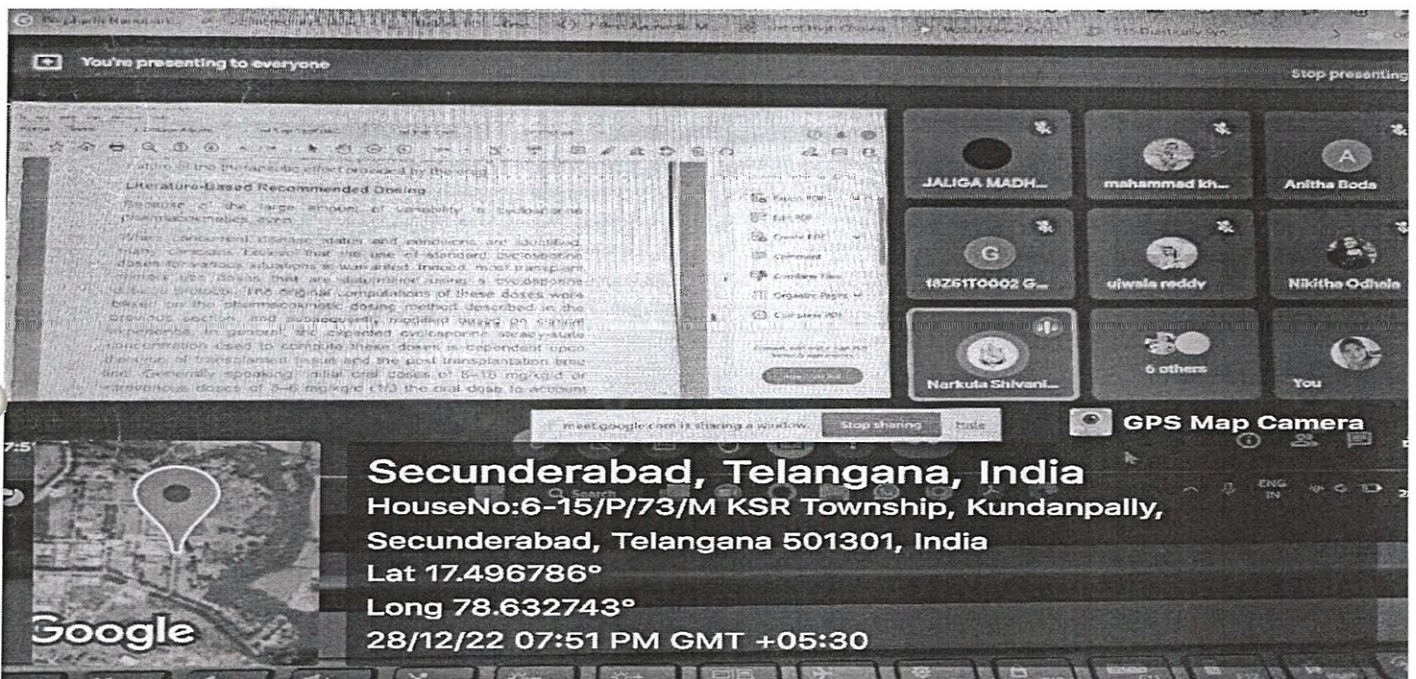
Presentation: Staff Presentation

Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year

Unit /Topic: Unit 4, 5, 6

Timings: 7:30 Pm-8:30 Pm

Description: Revision class



*Supraja*  
HOD



*Supraja*  
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Cheeryal (V), Keesara (M), Medchal-Malkajgiri Dist., Telangana State- 501301

## PPT Presentation (TLP method/ ICT Tool)

Date: 27/12/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

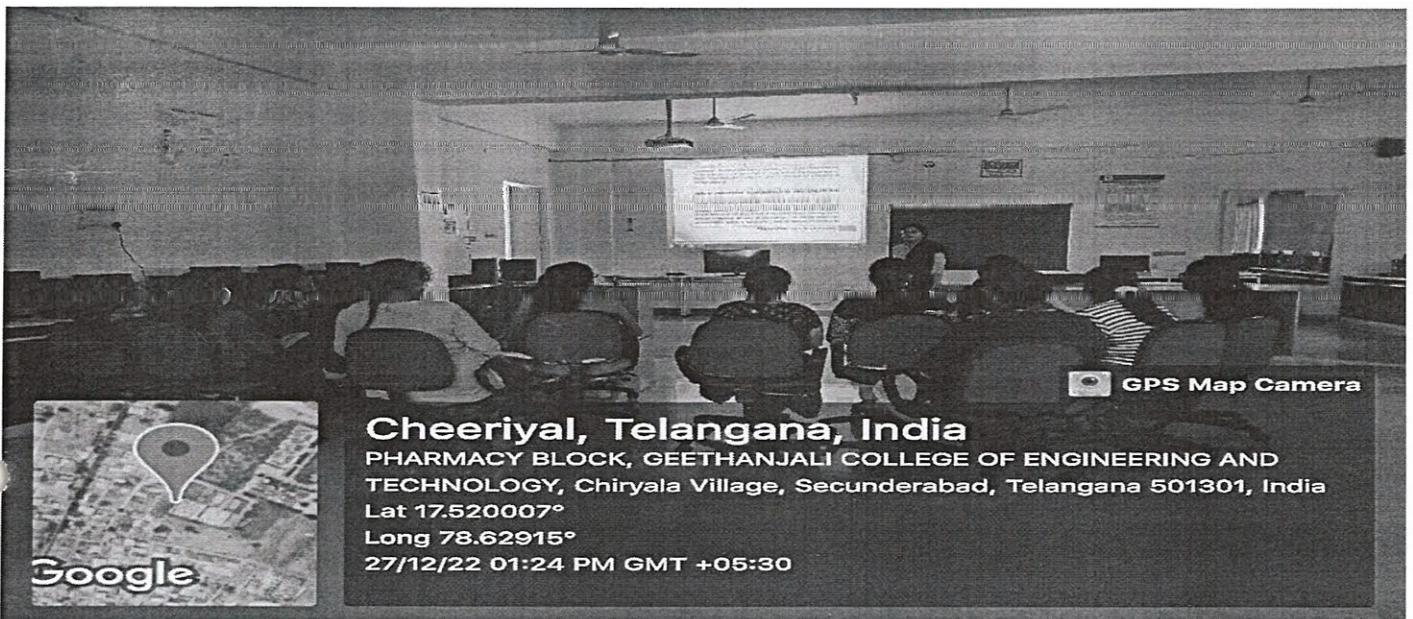
Presentation: Staff Presentation


Subject: NDDS

Class: B. Pharmacy 4<sup>th</sup> Year

Unit /Topic: UNIT III

Timings: 1:00 Pm to 1:50 Pm



  
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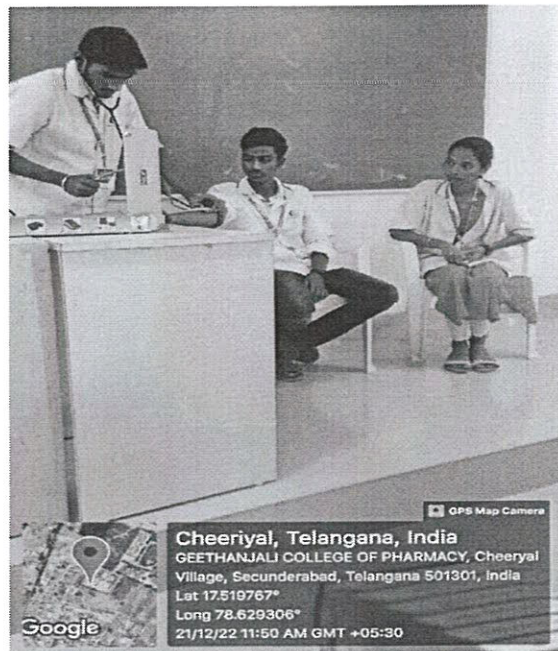
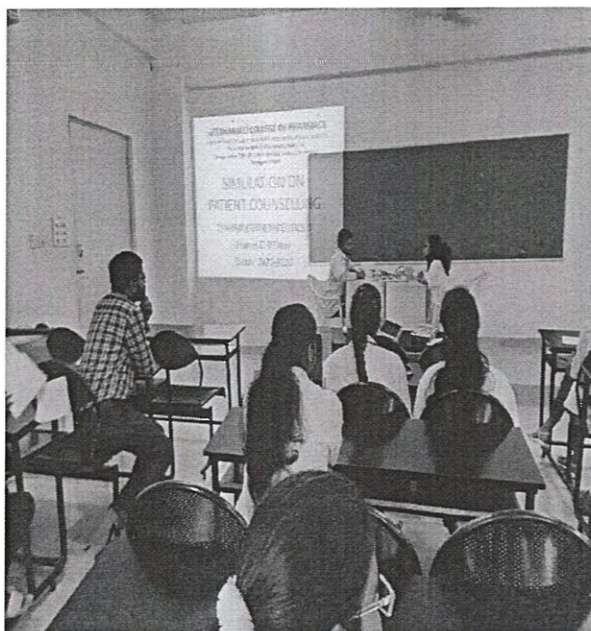
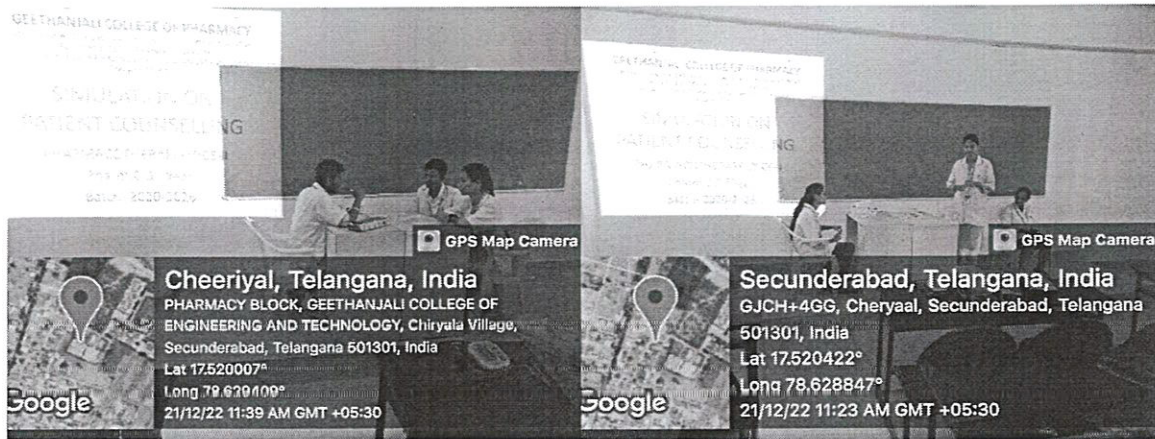
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## PRACTICAL DEMONSTRATION – SIMULATION ON PATIENT COUNSELLING

**Subject:** Pharmacotherapeutics-IIYear/**Batch:** Pharm.D III Year/(20Z)

**Faculty:** Dr.Mohammed Abubakar**Date:**21.12.2022

**Topic:**Patient Counselling



*Mohammed Abubakar*  
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## CONCEPT MAP (TLP method)

Name: S. Rani

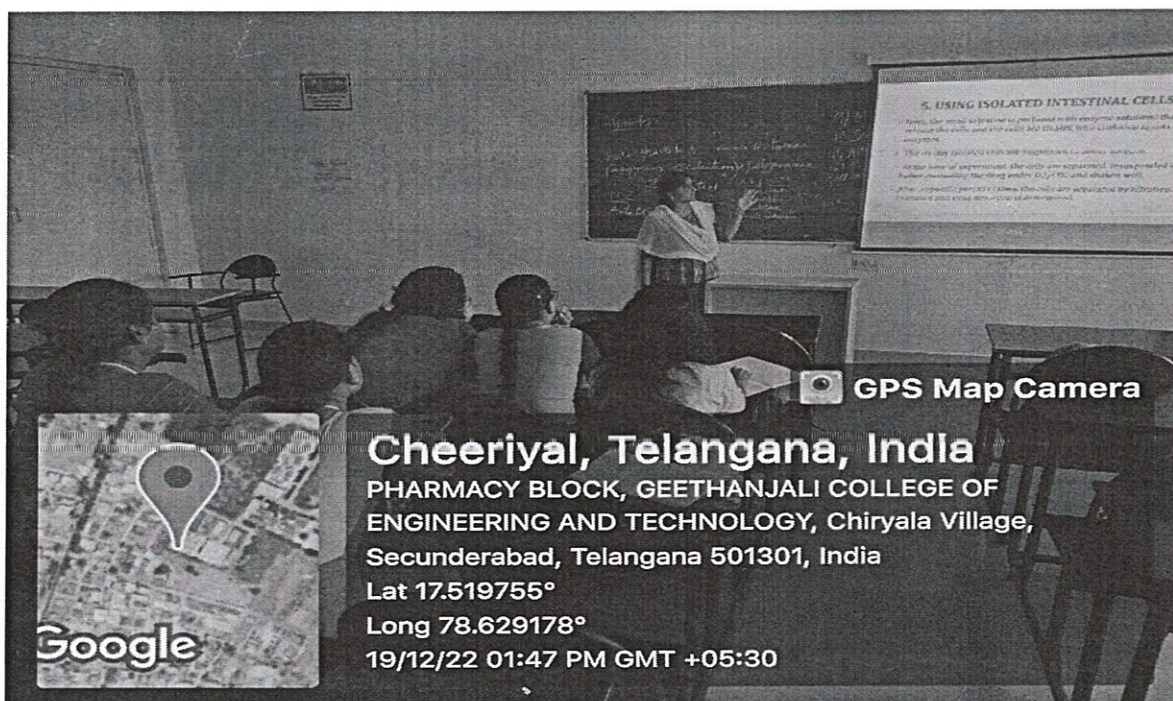
Date: 19.12.2022

Subject: Applied Biopharmaceutics and Pharmacokinetics

Class: M. Pharmacy I Yr. I Sem

Unit/Topic: Unit: 3 Models of experimental studies of absorption.

Timings: 1.00 – 1:50AM



  
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Cheeryal (V), Keesara (M), Medchal-Malkajgiri Dist., Telangana State- 501301

## CONCEPT MAP (TLP method)

Name: S. Rani

Date: 19.12.2022

Subject: Applied Biopharmaceutics and Pharmacokinetics

Class: M. Pharmacy I Yr. I Sem

Unit/Topic: Unit: 1 Concept of Bioavailability studies


Timings: 9.00 – 9:50AM



  
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9001:2015

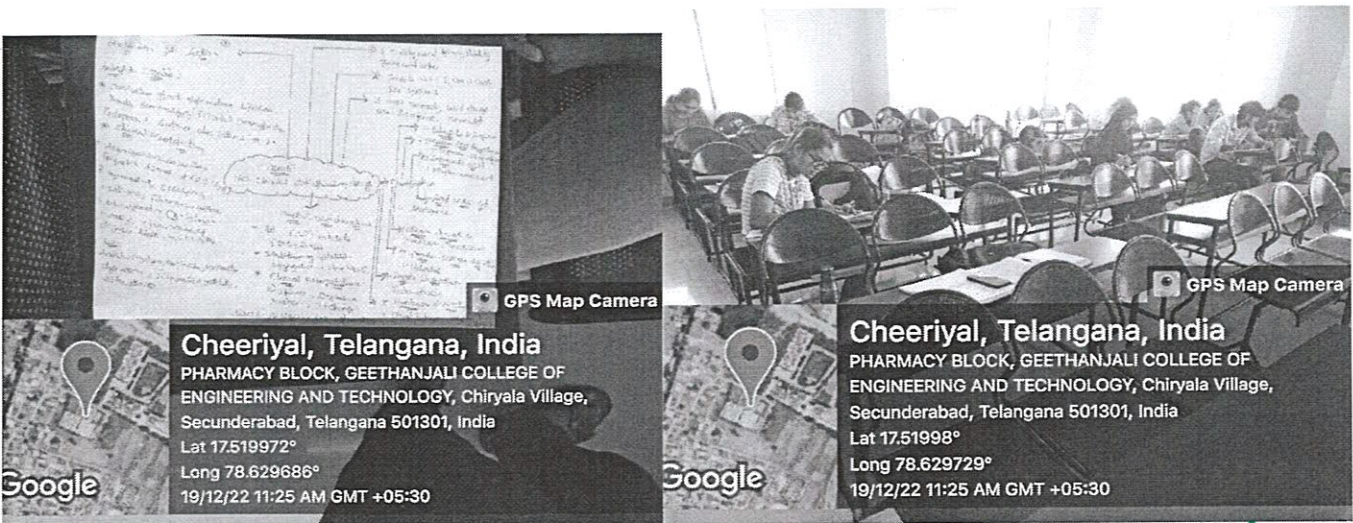
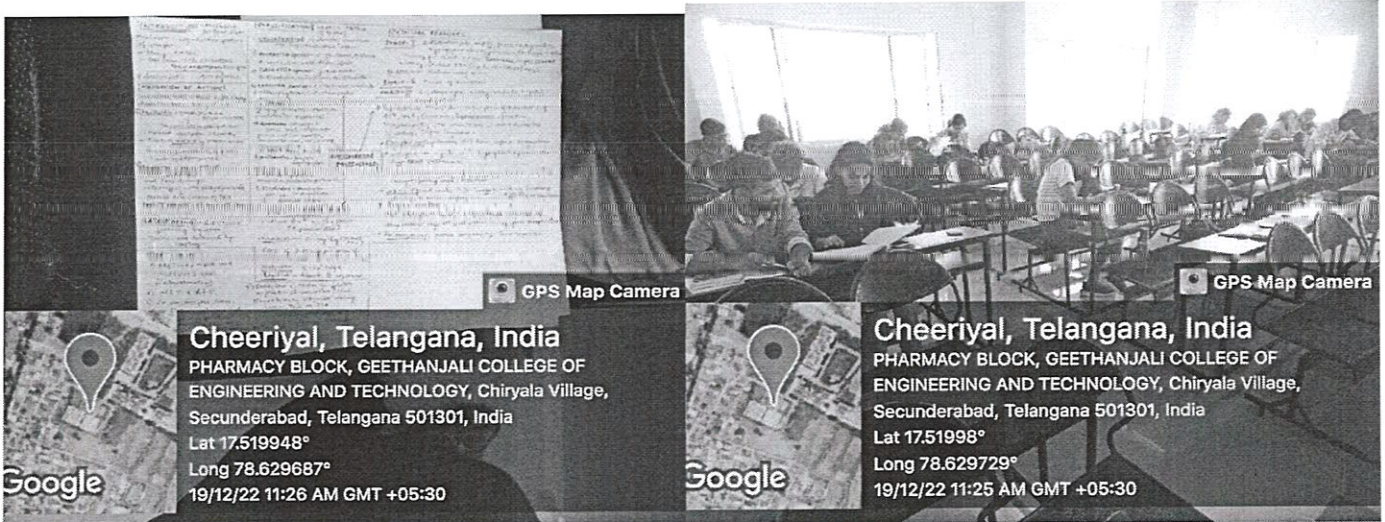
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## MIND MAPPING

**Subject:** Clinical Toxicology      **Year/Batch:** Pharm.D IV Year/(19Z) & PB I Year (22Z)

**Faculty:** Dr. Mohammed Abubakar **Date:** 19.12.2022

**Topic:** Mushroom Poisoning, NSAID



*Mohammed Abubakar*  
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## LCD projector/ Powerpoint presentation(TLP method)

Name: S. Rani

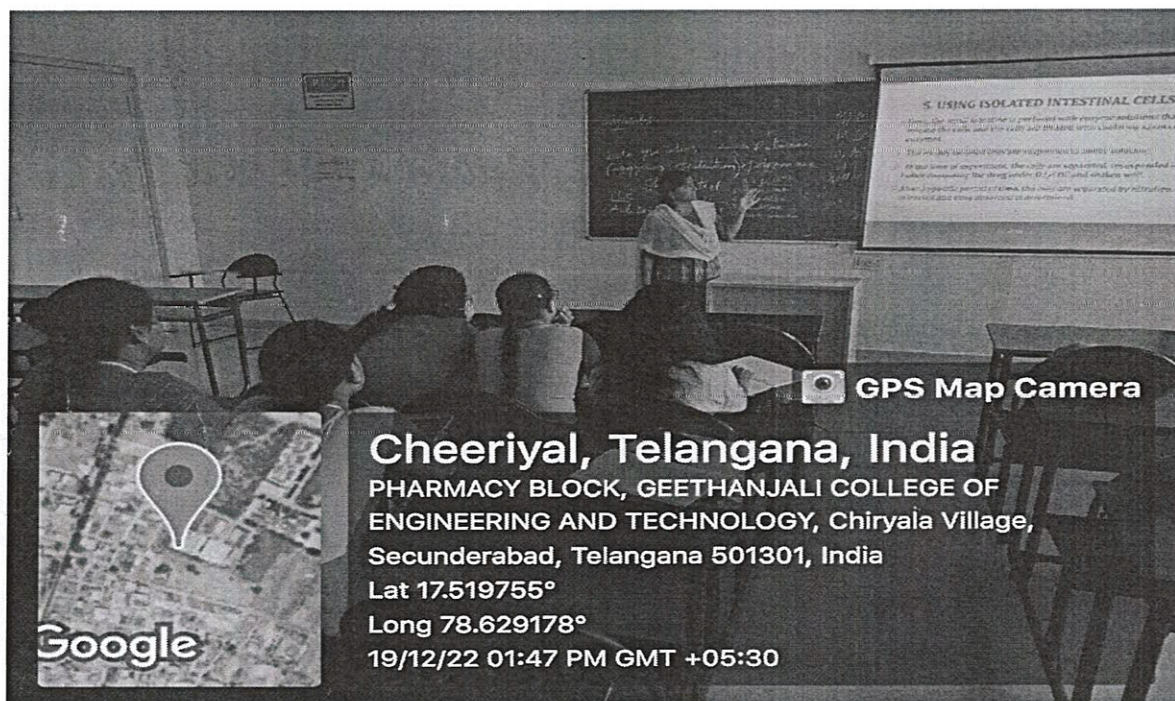
Date: 19.12.2022

Subject: Applied Biopharmaceutics and Pharmacokinetics

Class: M. Pharmacy I Yr. I Sem

Unit/Topic: Unit: 3 Models of experimental studies of absorption.

Timings: 1.00 – 1:50AM



  
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## Zoom Online Class (TLP method/ ICT Tool)

Date: 18/12/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Student Presentation

Subject: Novel Drug Delivery System

Class: B. Pharmacy 4<sup>th</sup> Year

Unit /Topic: UNIT I, II and III

Timings: 2:40 Pm-3:30 Pm

Description: Revision class



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(TLP method/ ICT Tool)

Date: 16-12-2022

Name: BODAKUNTLA MAMATHA

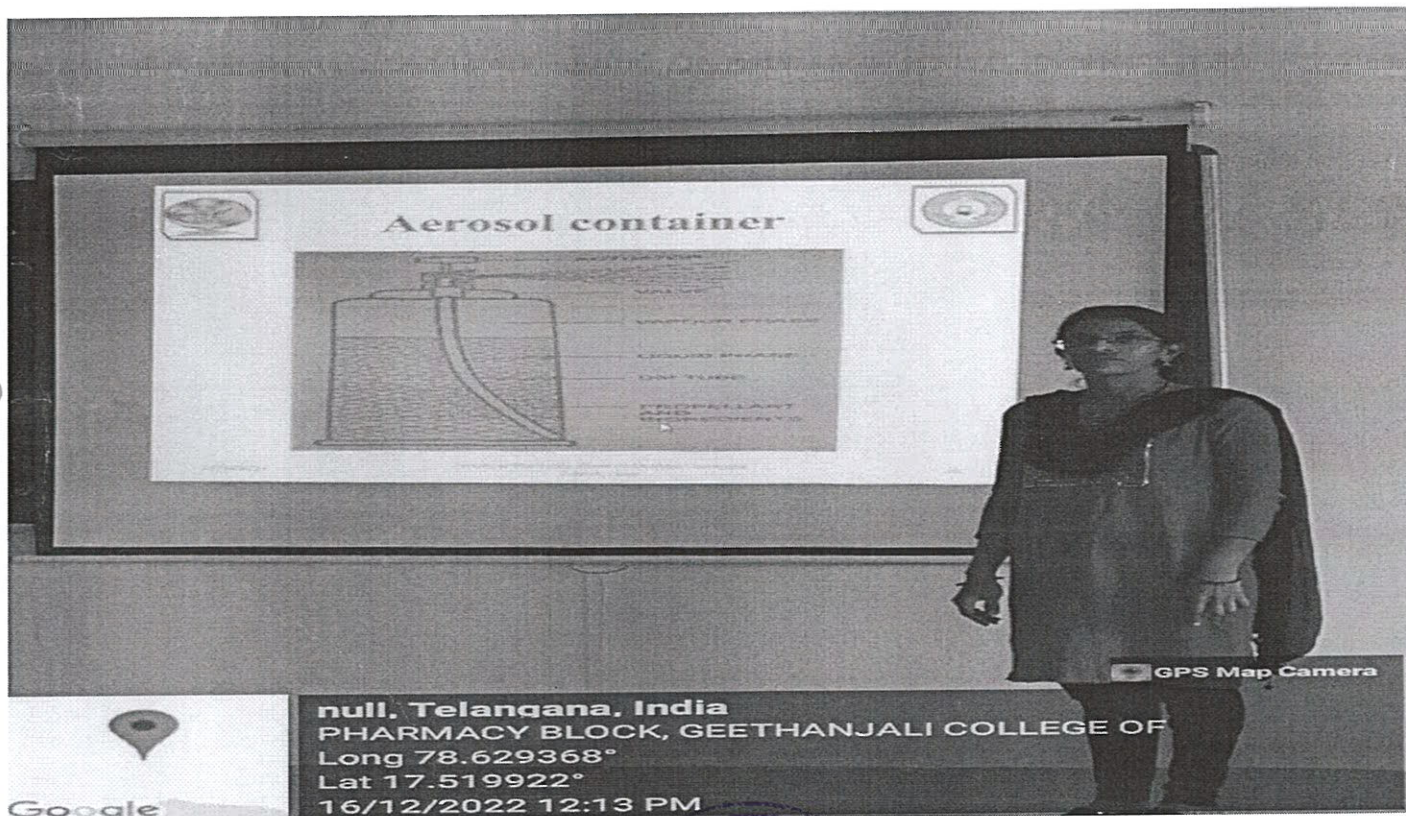
Subject: Physical pharmaceutics-I

Class: B.Pharmacy II Yr/ Sec-A

Unit /Topic: Unit-I/ Aerosols

Timings: 11.30 PM to 12.20 PM

Description:



  
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(PPT Presentation/ LCD Projector)

Date: 16/12/2022

Name: Dr Y Shiva Kumar

Subject: Pharmaceutics

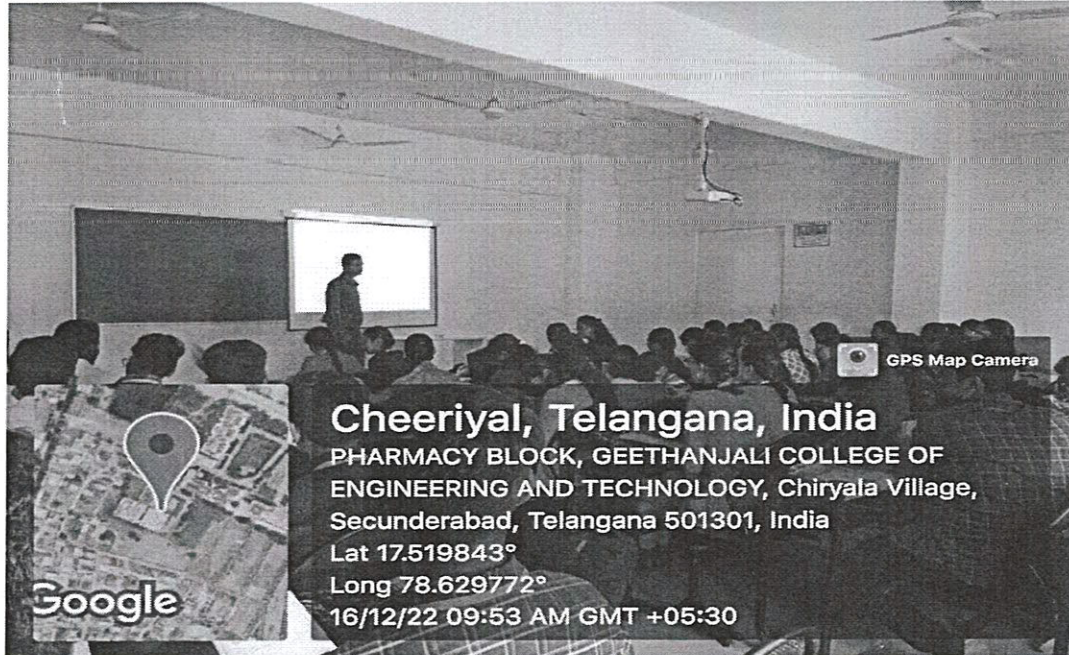
Class: 1/1 year

Unit /Topic: Dosage forms

Timings: 9.00 am to 10.00 am

## Description:

Dosage forms (also called unit doses) are pharmaceutical drug products in the form in which they are marketed for use, with a specific mixture of active ingredients and inactive components (excipients), in a particular configuration (such as a capsule shell, for example), and apportioned into a particular dose.



  
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(TLP method/ ICT Tool)

Date: 14-12-2022

Name: NAVEEN JAMJALA

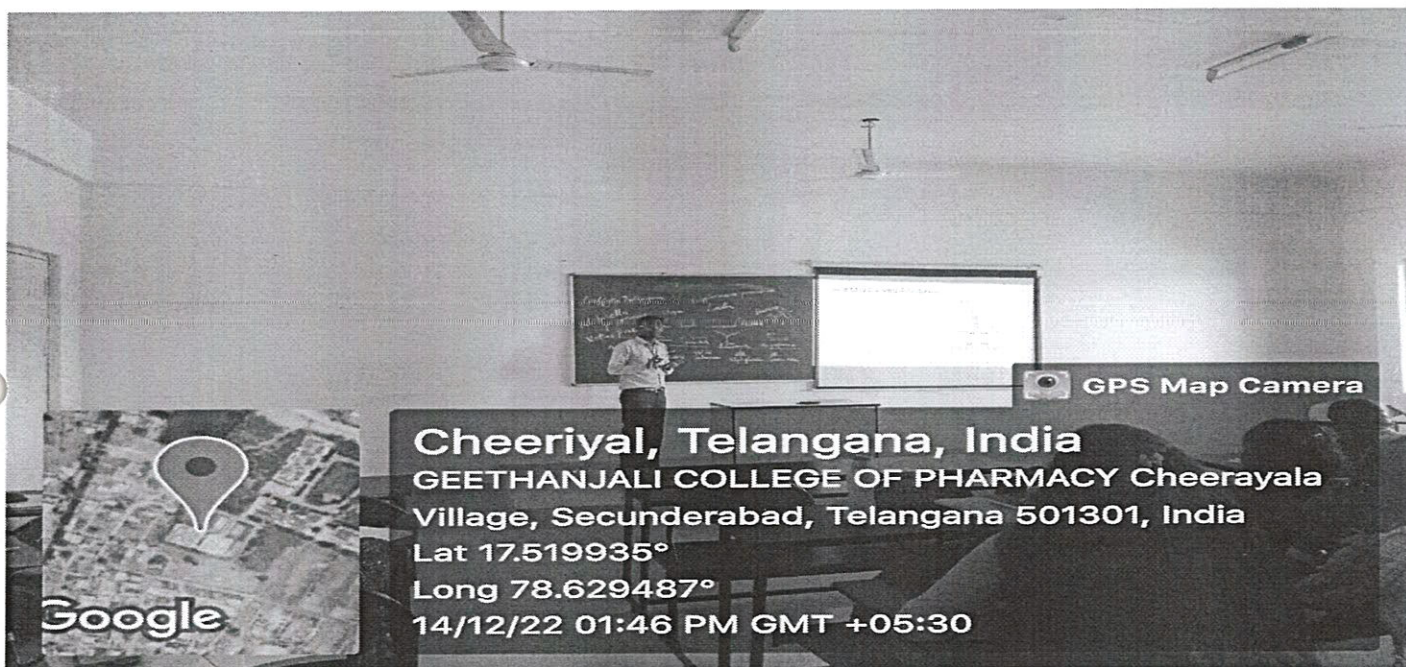
Subject: Ph. MICROBIOLOGY

Class: B.Pharmacy II Yr/ Sec-A

Unit /Topic: Unit-1 / Study of ultrascopic structure of bacteria

Timings: 1:00 PM to 1:50 PM

Description:



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(TLP method/ ICT Tool)

Date: 13-12-2022

Name: NAVEEN JAMJALA

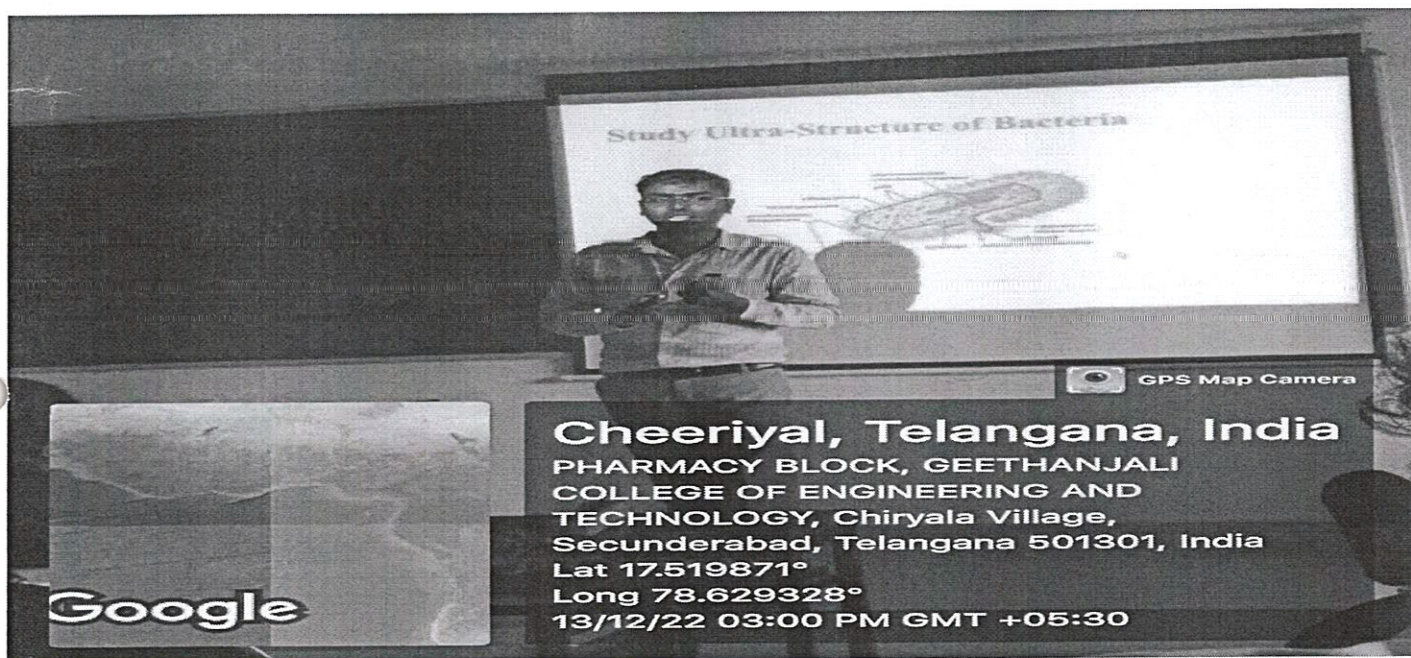
Subject: Ph. MICROBIOLOGY

Class: B.Pharmacy II Yr/ Sec-B

Unit /Topic: Unit-1 / Study of ultrascopic structure of bacteria

Timings: 2:40 PM to 3:30 PM

Description:



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(Training on equipment/ Tablet punching machine)

Date: 13/12/2022

Name: Dr Y Shiva Kumar

Subject: Practice School

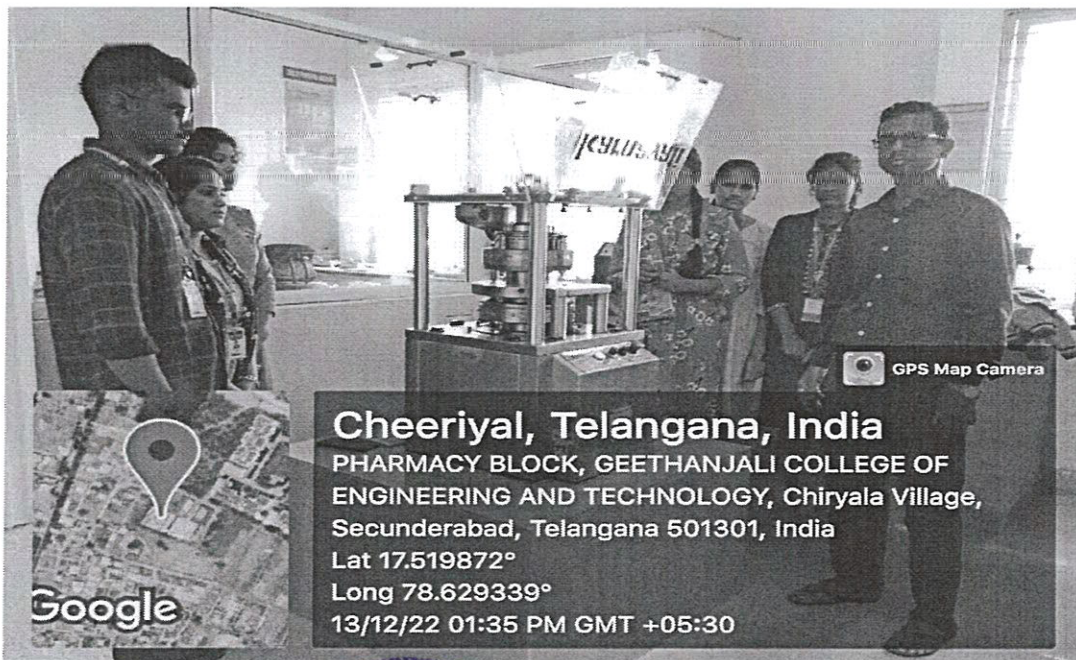
Class: 4/1 year

Unit /Topic: Tablet punching machine working mechanism

Timings: 12.00pm to 1.35 pm

## Description:

Tablet Compression Machine (also referred to as Tablet press machine, tablet making machine, tablet machine, tablet punching machine) is a mechanical device that is used to compress the granules or mixture of API and excipients to uniform and predetermined size, shape, and weight of tablets for research, pilot-scale, and full production.



  
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## PPT Presentation (TLP method/ ICT Tool)

Date: 13/12/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Student Presentation

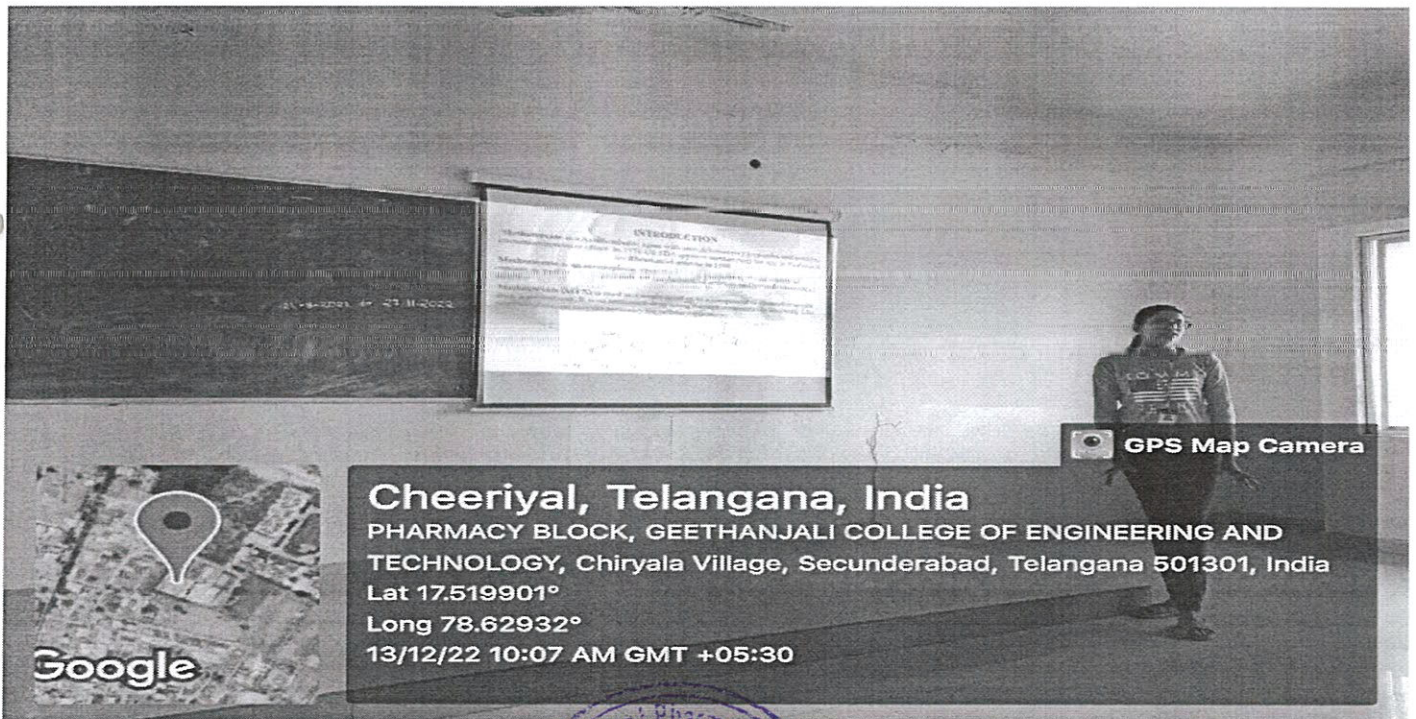
Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year,

Pharm D PB 2<sup>nd</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 9:50 Am to 1:50 Pm

Description: students are encouraged to do a PowerPoint presentation on the respective and interested drug profile for the Therapeutic Drug Monitoring



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## DEMO (TLP method/ ICT Tool)

Date: 12/12/2022

Name of the Faculty: Dr. P. Neeraja

Designation: Professor Department: Pharmaceutics

Class: IV/I B. Pharmacy

Unit /Topic: Demonstration on Dissolution apparatus

Timings: 12:00 pm to 1:00 Pm

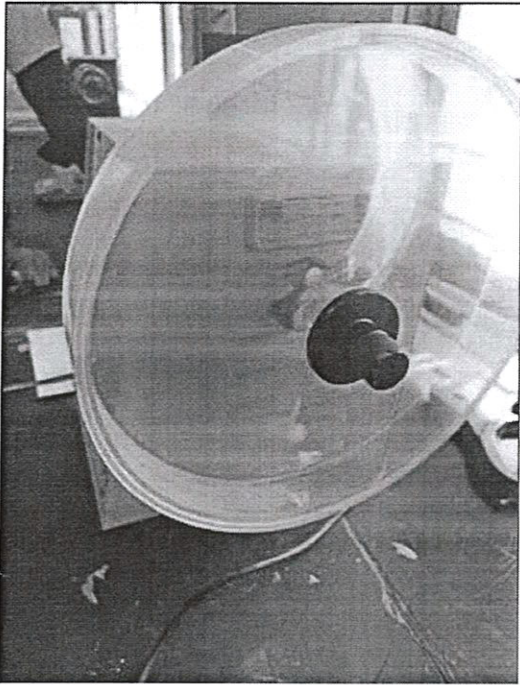


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## PPT PRESENTATION (TLP method)

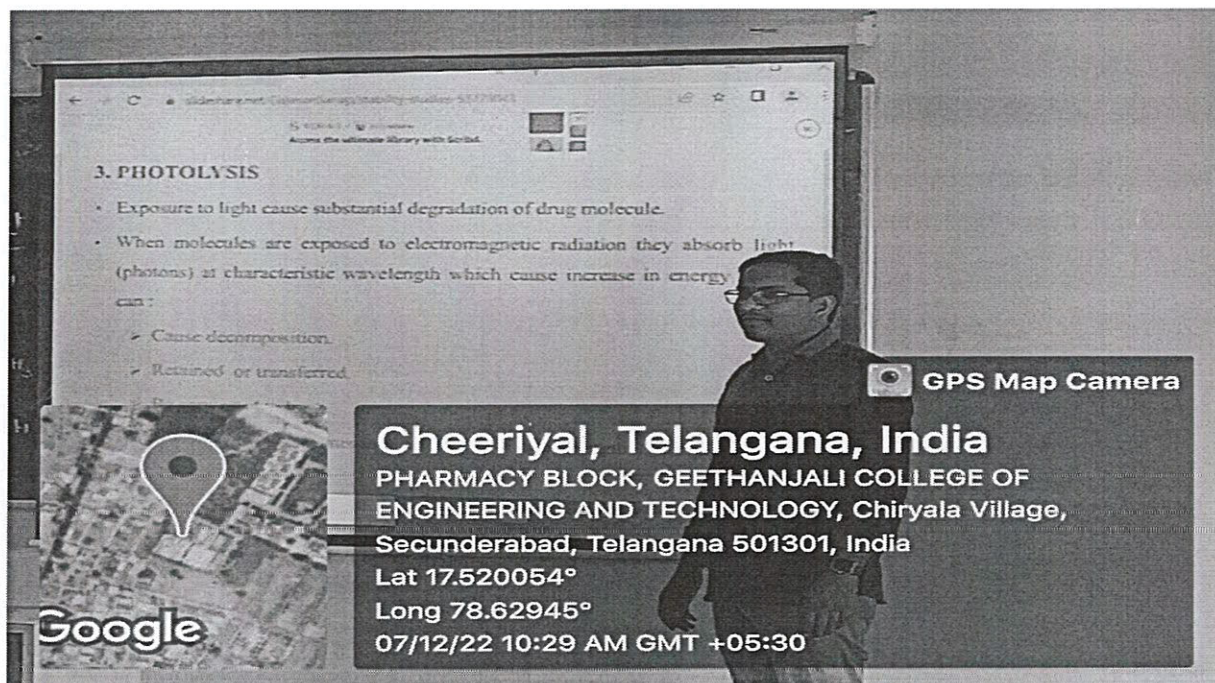
Name: K.Prashanth

Date: 07.12.2022

Subject: Generic product development      Class: B. Pharmacy III Yr. I Sem(A)

Topic: Unit: 4 Stability studies of pharmaceutical products

Timings: 9.50 – 10:40AM



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(TLP method/ ICT Tool)

Date: 07-12-2022

Name: S. D. SHALINI

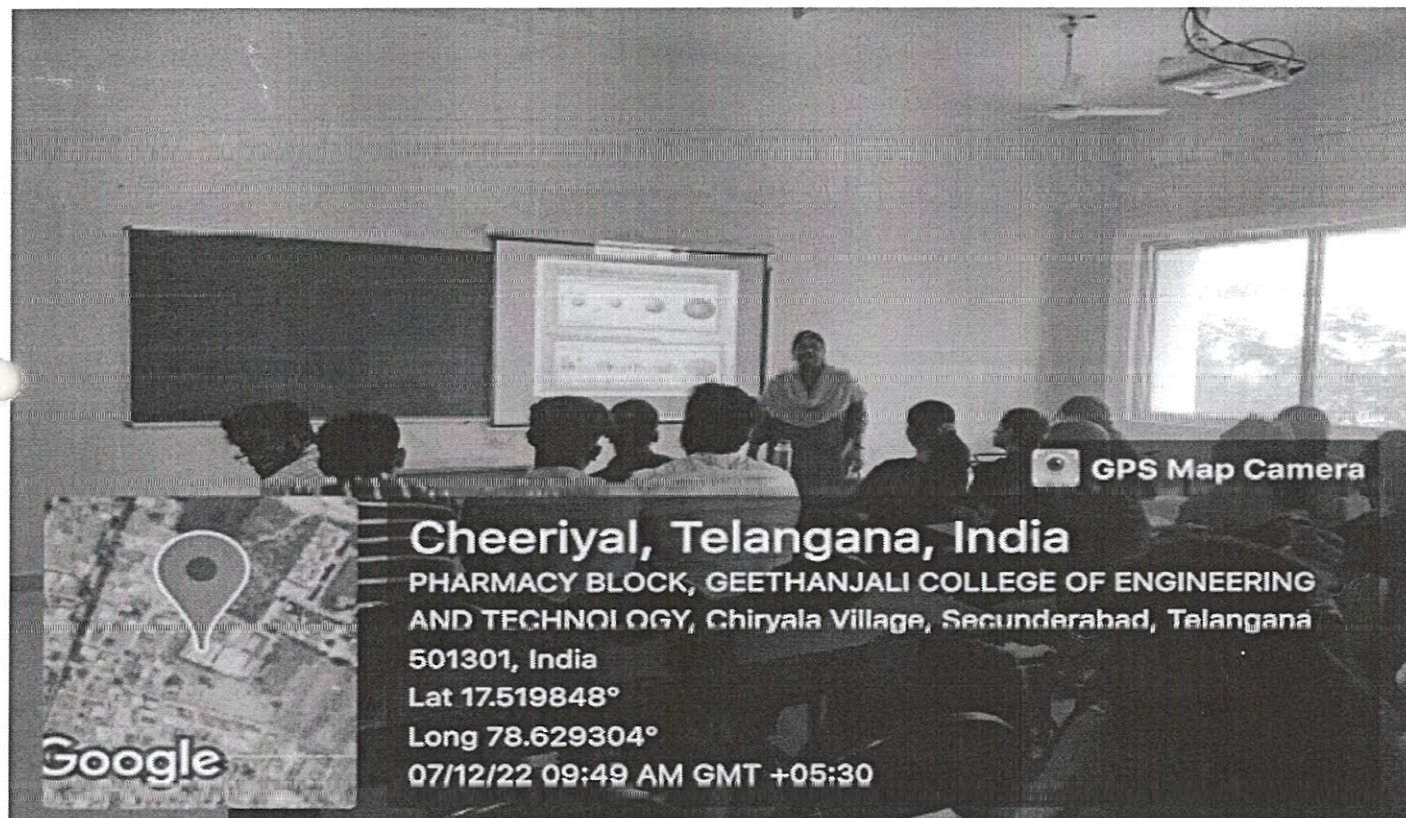
Subject: Industrial Pharmacy-I

Class: B.Pharmacy III Yr / Sec-B

Unit /Topic: Unit-1 / BSC Classification of Drugs

Timings: 9.00 AM to 9.50 AM

Description:



*S. D. Shalini*  
HOD



*S. D. Shalini*  
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## CROSS WORD PUZZLE (TLP method)

**Name:** B. Sandhya

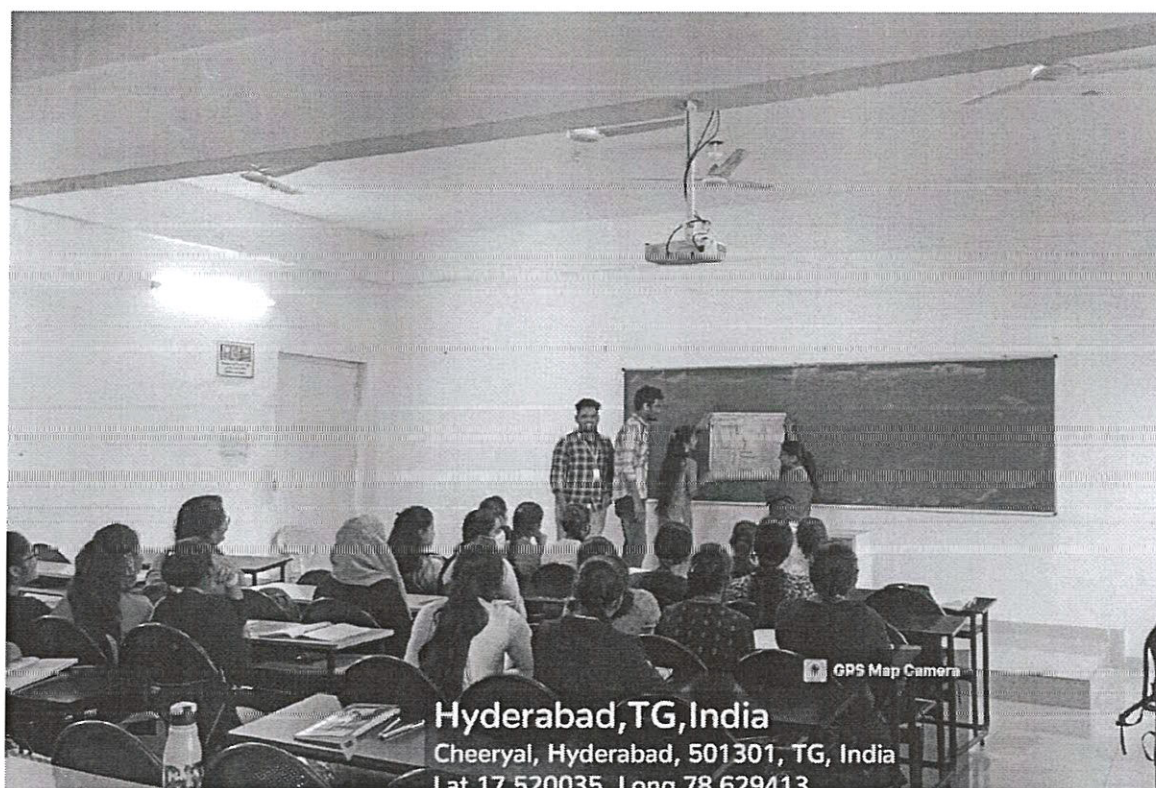
**Date:** 07/12/2022

**Subject:** Pharmaceutical Organic Chemistry II

**Class:** B. Pharmacy II Yr. I Sem Sec B

**Unit/Topic:** Reactions of Benzene ( UNIT I)

**Timings:** 11.30-12.20 PM



**COORDINATOR**

*Sandhya B*  
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## LCD PROJECTOR/Poewr point presentation (TLP method)

Name: S. Rani

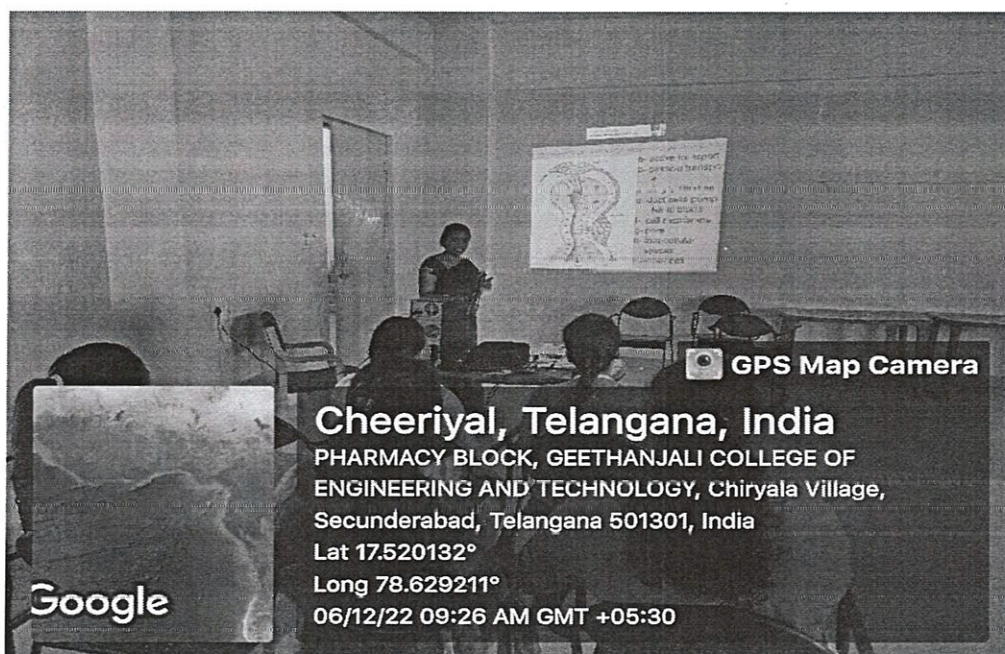
Date: 06.12.2022

Subject: Applied Biopharmaceutics and Pharmacokinetics

Class: M. Pharmacy I Yr. I Sem

Topic: Unit: 2, Non invasive methods used for estimation of pharmacokinetic parameters

Timings: 9.00 – 9:50AM



*S. Rani*  
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## Case Study (TLP method/ ICT Tool)

Date: 06/12/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

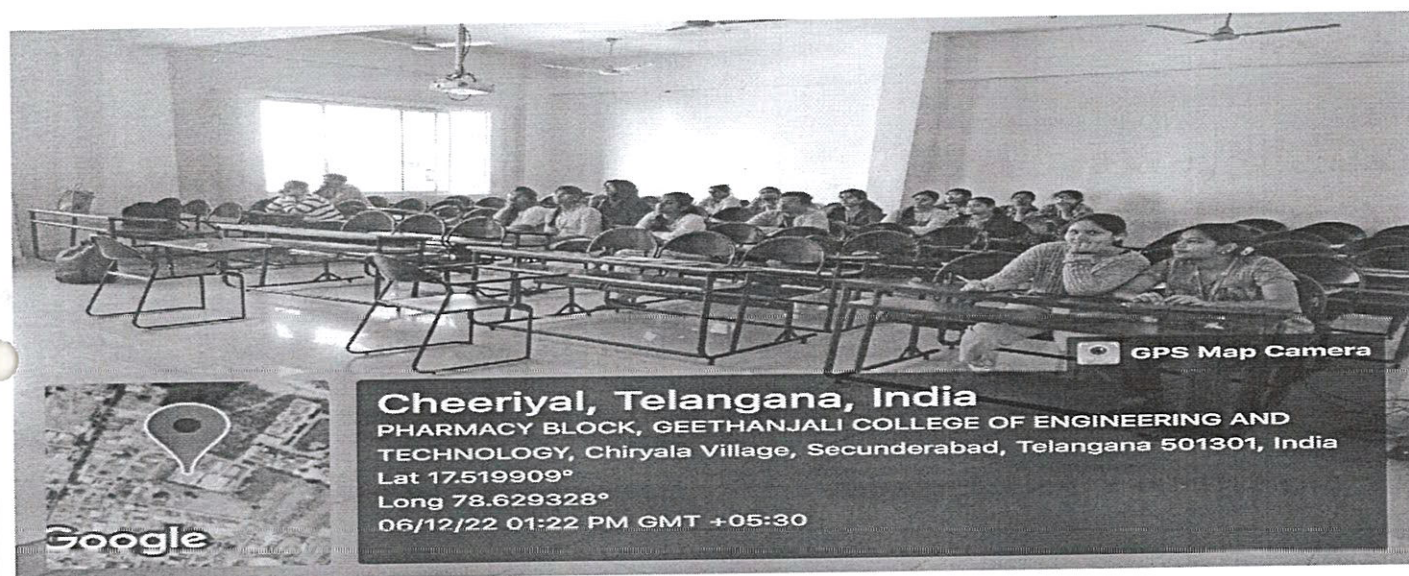
Presentation: Staff Presentation

Subject: Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 9:50 Am to 1:50 Pm

Description:



*[Handwritten Signature]*  
HOD



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## PPT Presentation (TLP method/ ICT Tool)

Date: 06/12/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Student Presentation

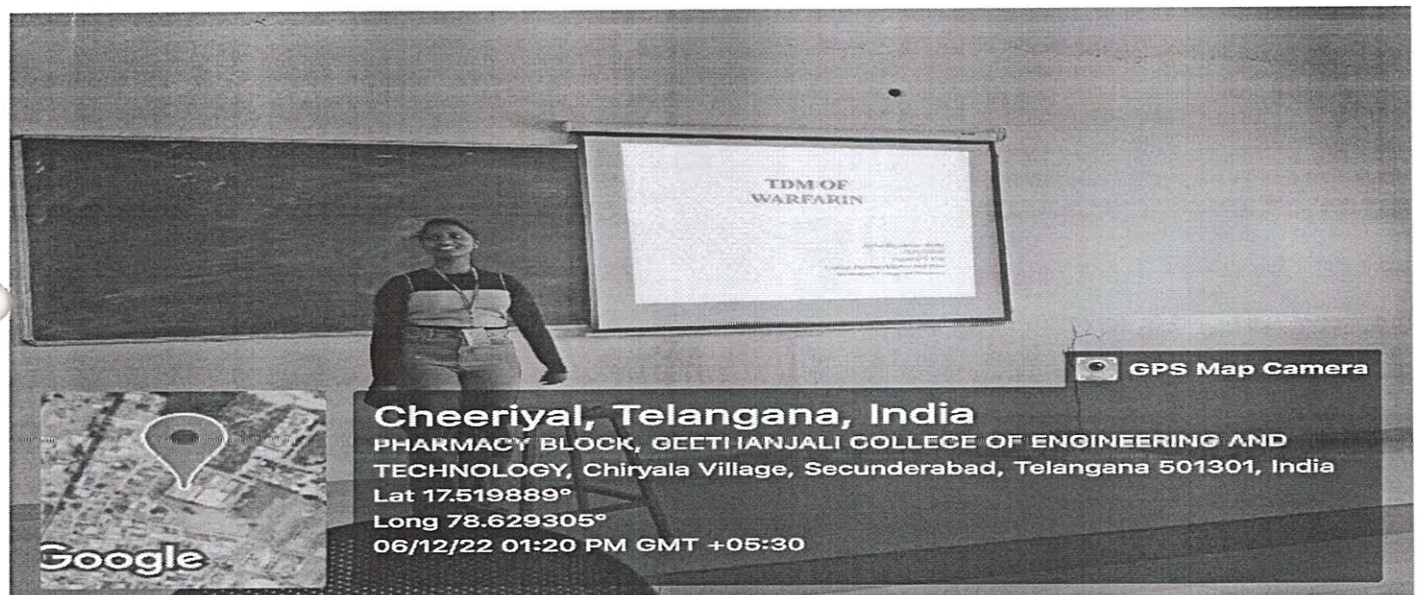
Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year,

Pharm D PB 2<sup>nd</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 9:50 Am to 1:50 Pm

Description: students are encouraged to do a PowerPoint presentation on the respective and interested drug profile for the Therapeutic Drug Monitoring



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## PPT Presentation (TLP method/ ICT Tool)

Date: 05/12/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Student Presentation

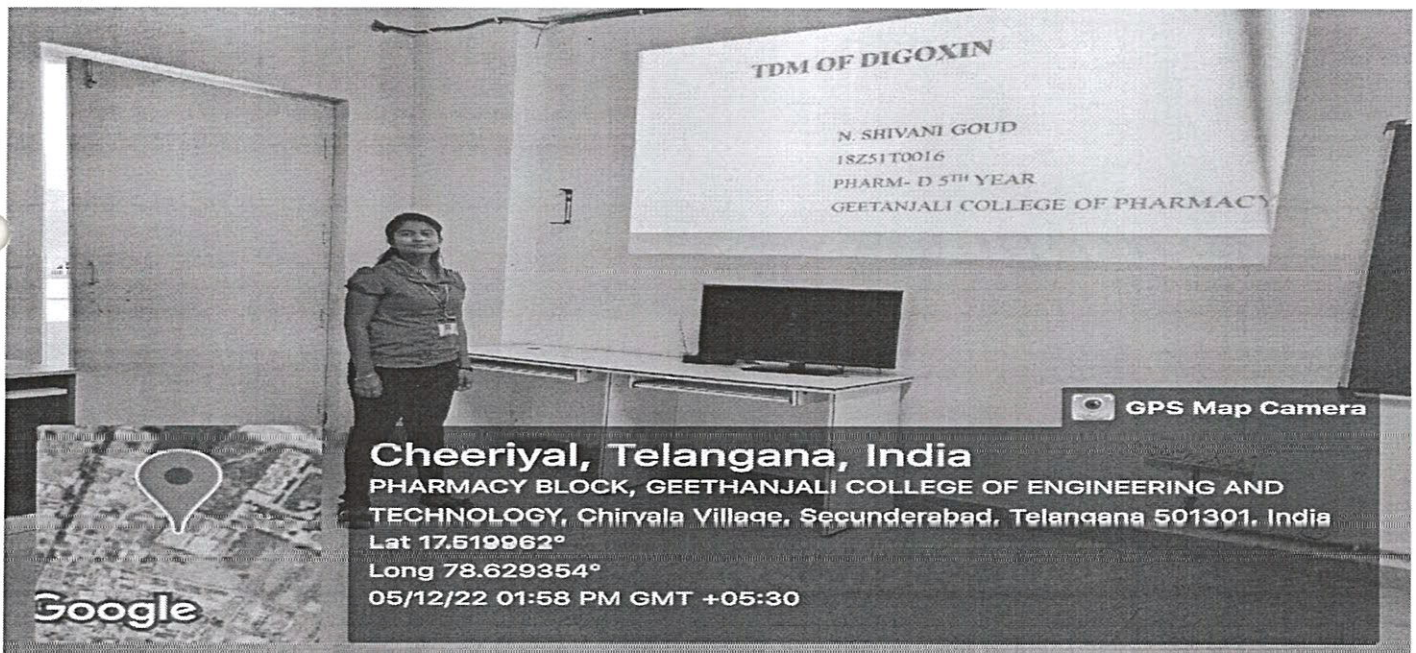
Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year,

Pharm D PB 2<sup>nd</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 9:50 Am to 1:50 Pm

Description: students are encouraged to do a PowerPoint presentation on the respective and interested drug profile for the Therapeutic Drug Monitoring



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## PPT Presentation (TLP method/ ICT Tool)

Date: 05/12/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

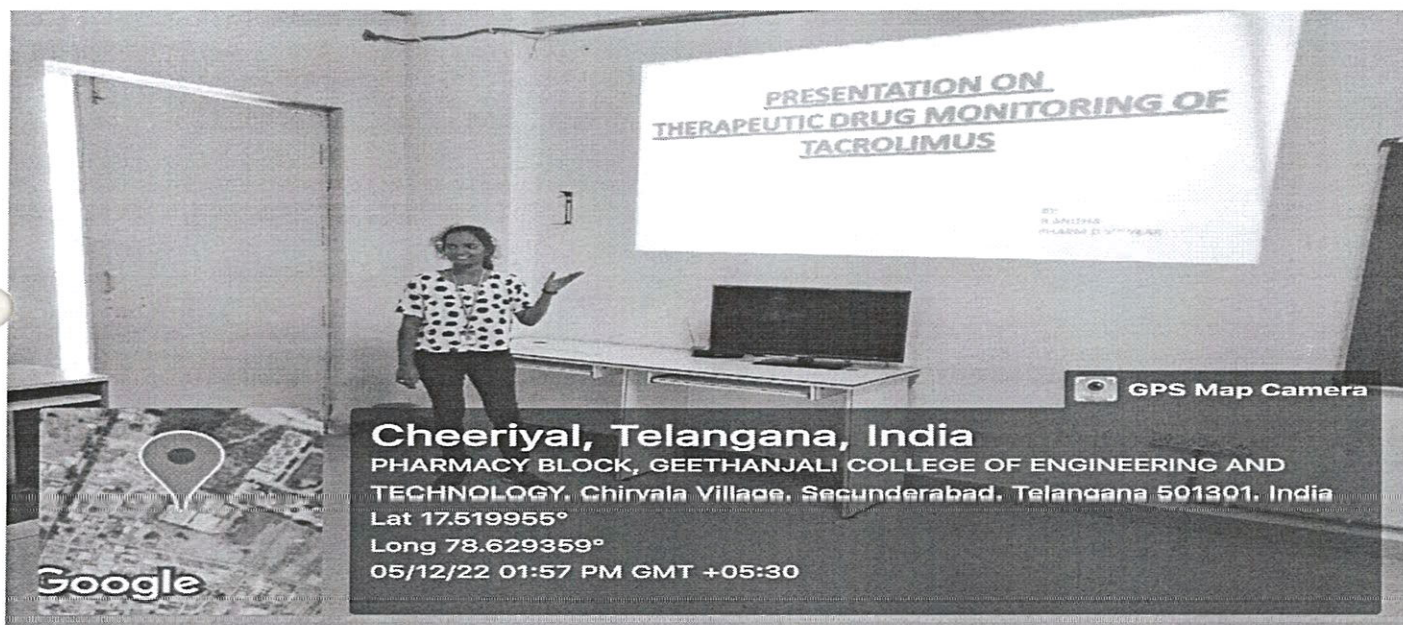
Presentation: Student Presentation

Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 9:50 Am to 1:50 Pm

Description: students are encouraged to do a PowerPoint presentation on the respective and interested drug profile for the Therapeutic Drug Monitoring



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## Group Discussion (TLP method/ ICT Tool)

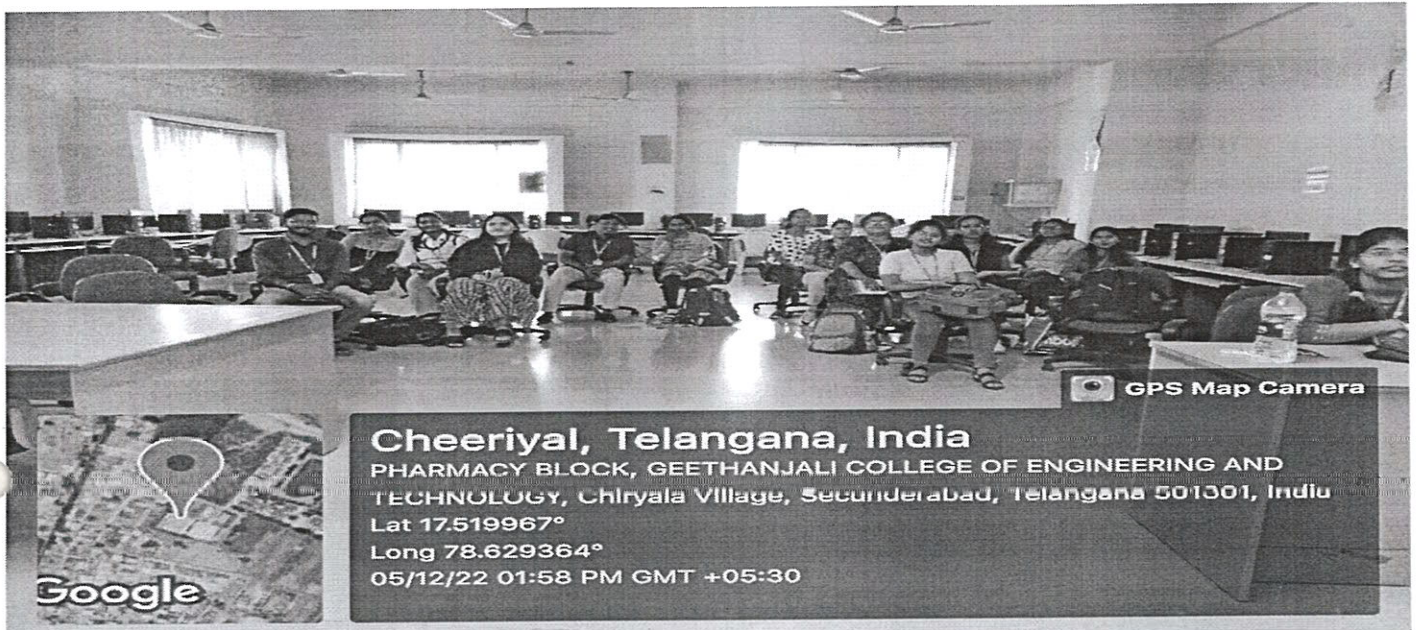
Date: 05/12/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 2:00 Am to 3:30 Pm



**Cheeriyal, Telangana, India**

PHARMACY BLOCK, GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY, Chiryala Village, Secunderabad, Telangana 501301, India

Lat 17.519967°

Long 78.629364°

05/12/22 01:58 PM GMT +05:30

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*Supraja*  
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## MIND MAPPING

**Subject:** Pharmacotherapeutics-IIYear/**Batch:** Pharm.D III Year/(20Z)

**Faculty:** Dr.Mohammed Abubakar**Date:**30.11.2022

**Topic:**Mind Mapping- Psoriasis, Impetigo, Eczema, Scabies, UTI, Meningitis & AGE

**Cheeryal, Telangana, India**  
 ADMISSION ROOM, GEETHANJALI COLLEGE OF  
 ENGINEERING AND TECHNOLOGY, Chiryala Village,  
 Secunderabad, Telangana 501301, India  
 Lat 17.519841°  
 Long 78.630265°  
 30/11/22 09:46 AM GMT +05:30

**Cheeryal, Telangana, India**  
 PHARMACY BLOCK, GEETHANJALI COLLEGE OF  
 ENGINEERING AND TECHNOLOGY, Chiryala Village,  
 Secunderabad, Telangana 501301, India  
 Lat 17.519998°  
 Long 78.629712°  
 30/11/22 09:41 AM GMT +05:30

*Mohammed Abubakar*  
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Cheeryal (V), Keesara (M), Medchal-Malkajgiri Dist., Telangana State- 501301

## Group Discussion (TLP method/ ICT Tool)

Date: 30/11/2022

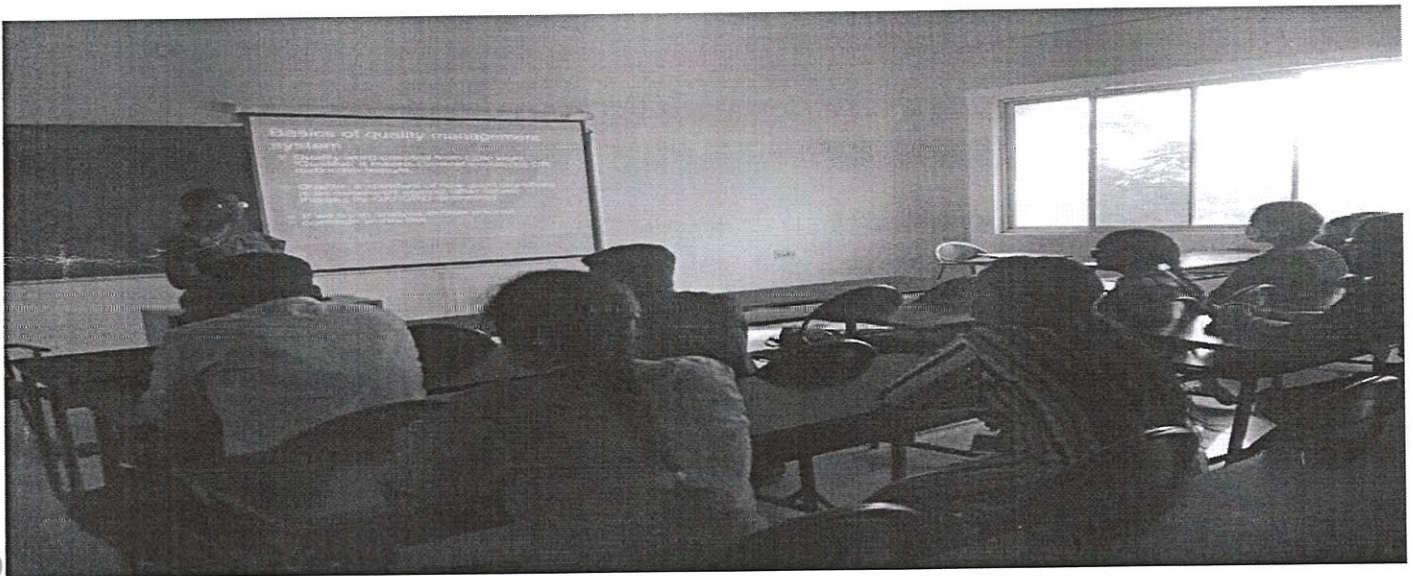
Name of the Faculty: Dr. P. Neeraja

Designation: Professor Department: Pharmaceutics

Subject: Modern Pharmaceutics I Class: M.pharm I/ I sem

Unit /Topic: quality Management system

Timings: 11:30 Am to 12:40 Pm



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## PPT Presentation (TLP method/ ICT Tool)

Date: 29/11/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Student Presentation

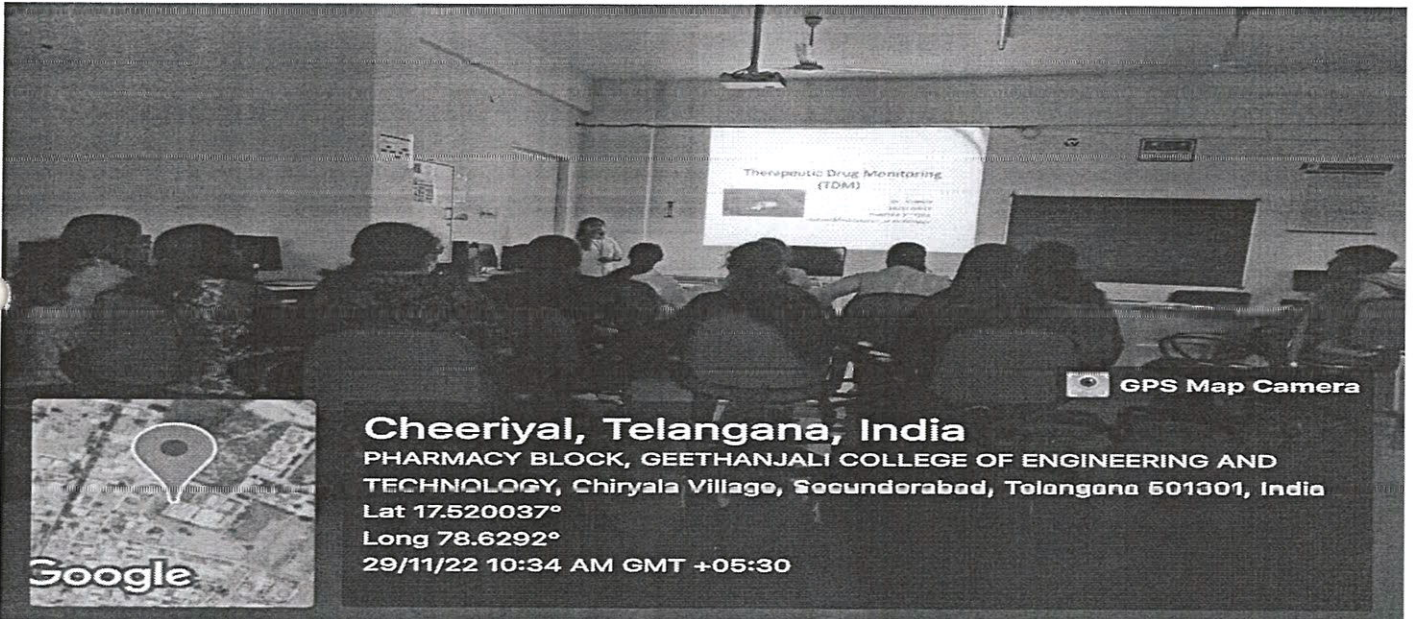
Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year,

Pharm D PB 2<sup>nd</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 09:50 Am to 10:40 Pm

Description: students are encouraged to do a PowerPoint presentation on the respective and interested drug profile for the Therapeutic Drug Monitoring



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**PPT Presentation (TLP method/ ICT Tool)**

**Date: 29/11/2022**

**Name of the Faculty:** Bommala. Supraja **Designation:** Asst Professor **Department:** Pharmaceutics

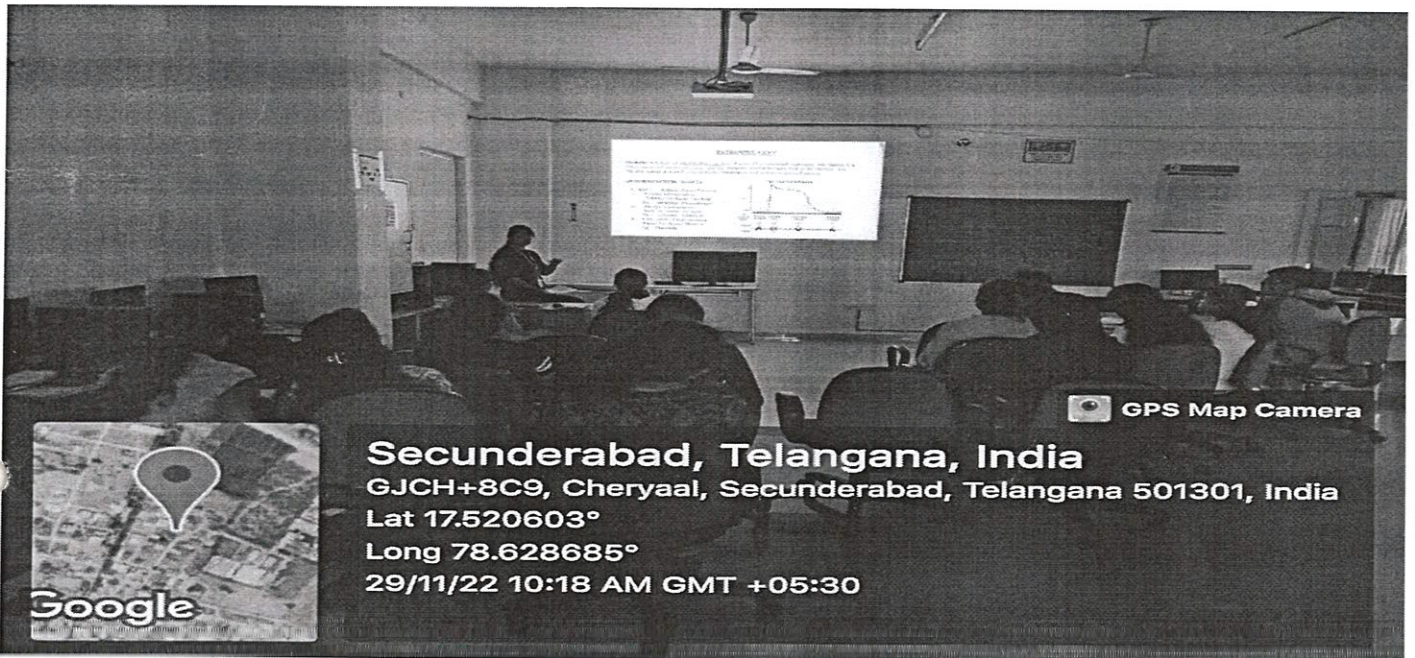
**Presentation:** Staff Presentation

**Subject:** NDDS

**Class:** B. Pharmacy 4<sup>th</sup> Year

**Unit /Topic:** controlled Drug Delivery systems

**Timings:** 09:50 Am to 10:40 Pm



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(TLP method/ ICT Tool)

Date: 29/11/2022

Name: S. D. SHALINI

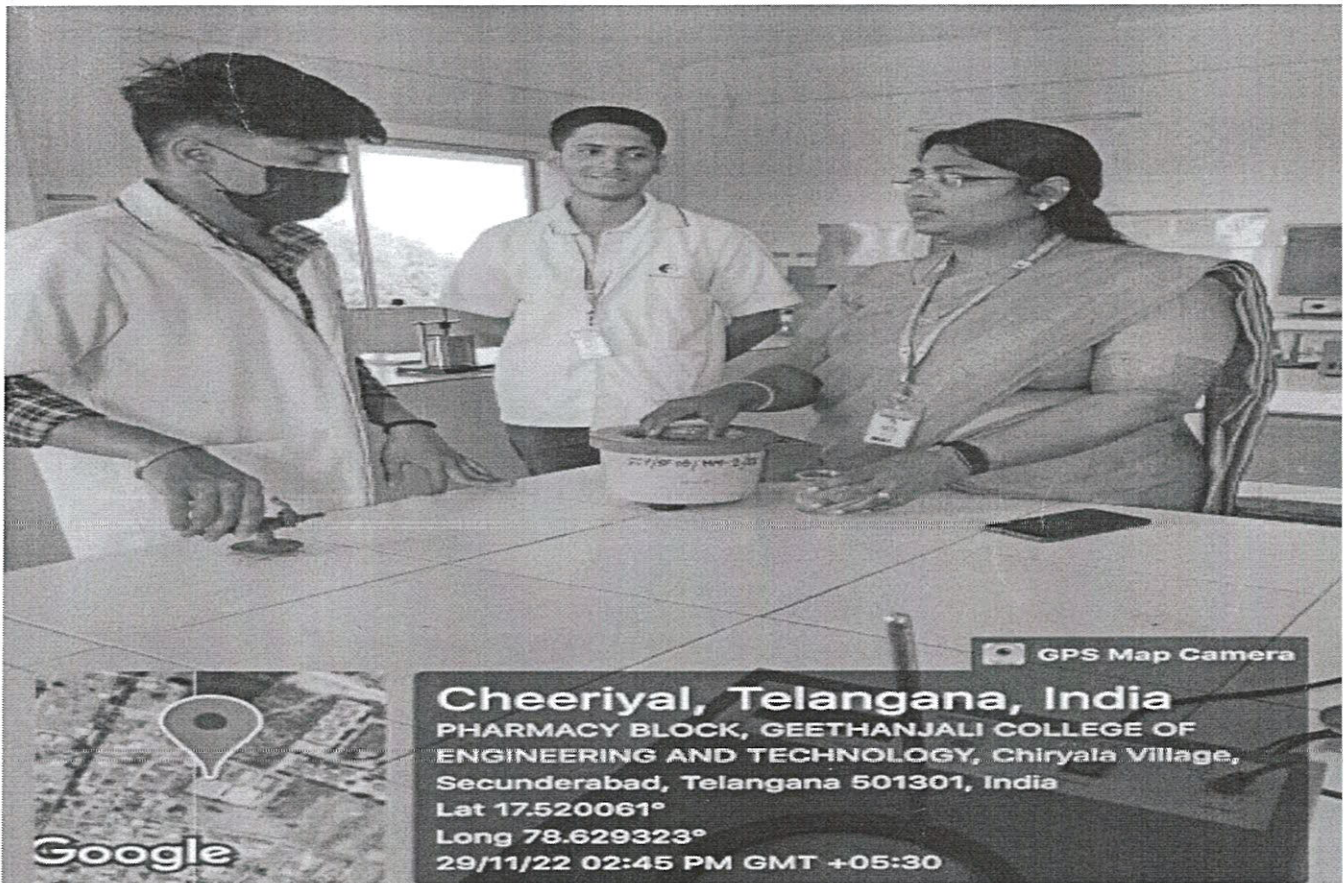
Subject: Industrial Pharmacy-I LAB

Class: B.Pharmacy III Yr/ Sec-B

Unit /Topic: Preparation of cold cream / vanishing cream

Timings: 1:00 PM to 3.30 PM

Description:





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## LCD PROJECTOR/Poewr point presentation (TLP method)

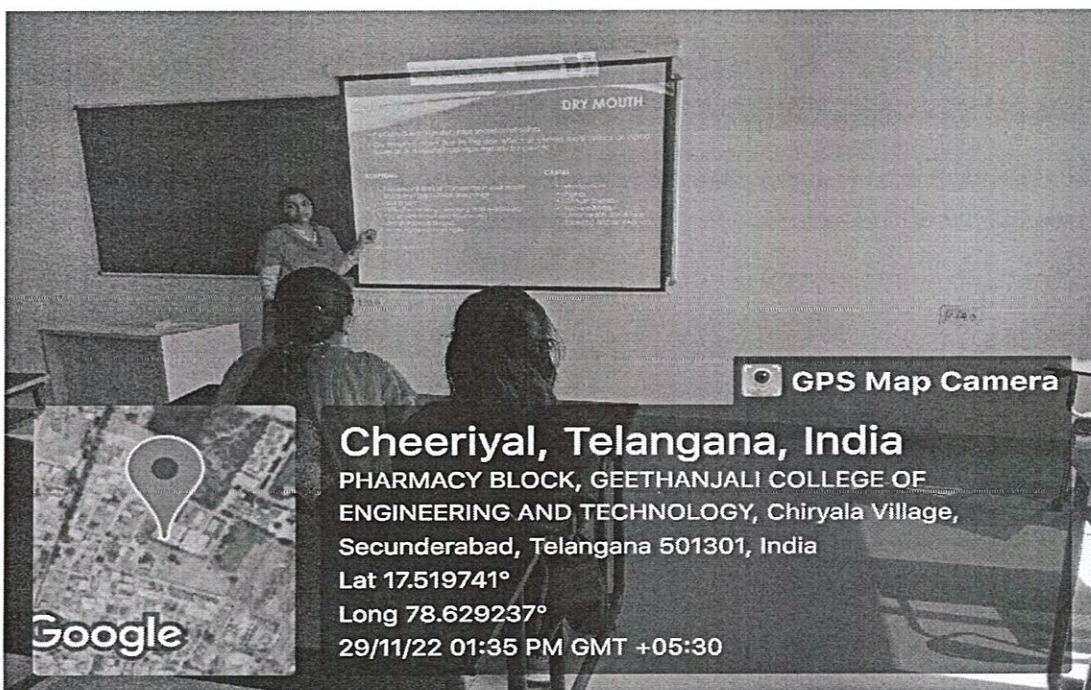
Name: S. Rani

Date: 29.11.2022

Subject: Cosmetic Science Class: M. Pharmacy II Yr. I Sem

Topic: Unit: 1, Problems associated with oral cavity

Timings: 1.00 – 1:50AM



*S. Rani*  
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(TLP method/ ICT Tool)

Date: 24-11-2022

Name: B. SWATHI

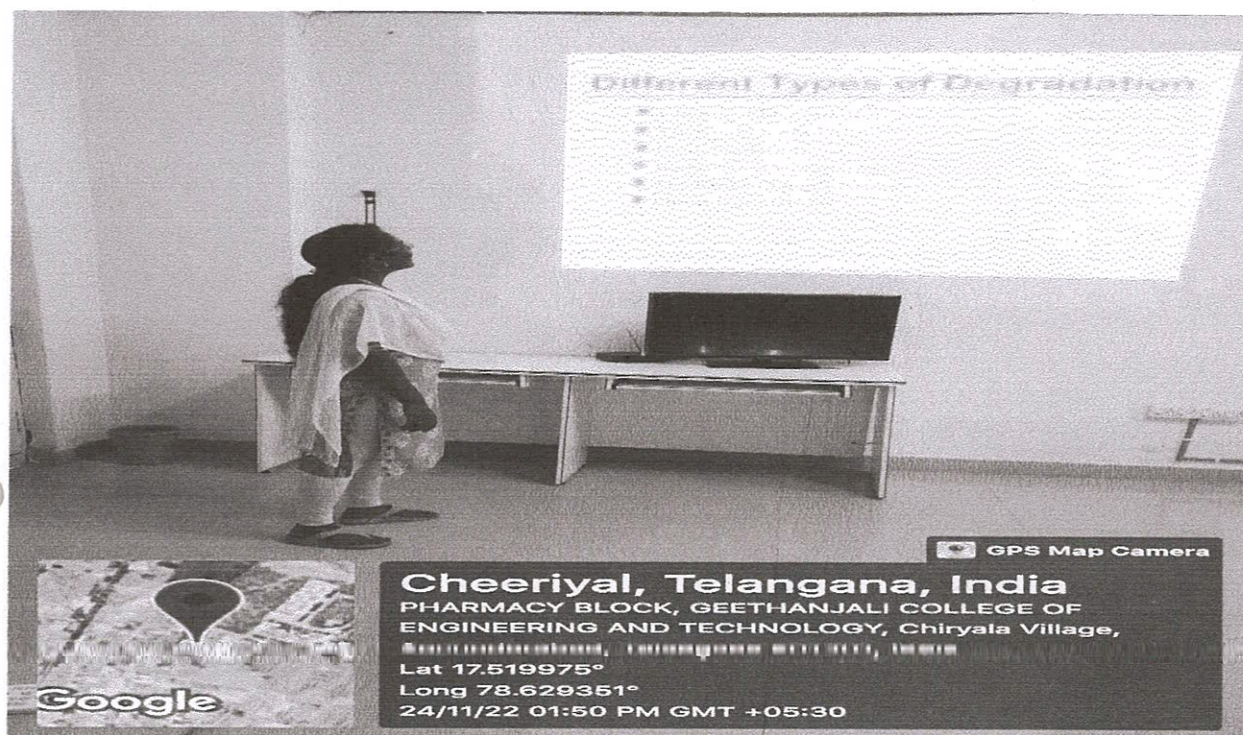
Subject: STABILITY OF DRUGS AND DOSEAGE FORMS

Class: M. Pharmacy I Yr./ I Sem

Unit /Topic: Unit-I

Timings: 1 PM to 1.50 PM

Description: CHEMICAL DEGRADATION



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(TLP method/ ICT Tool)

Date: 24-11-2022

Name: BODAKUNTLA MAMATHA

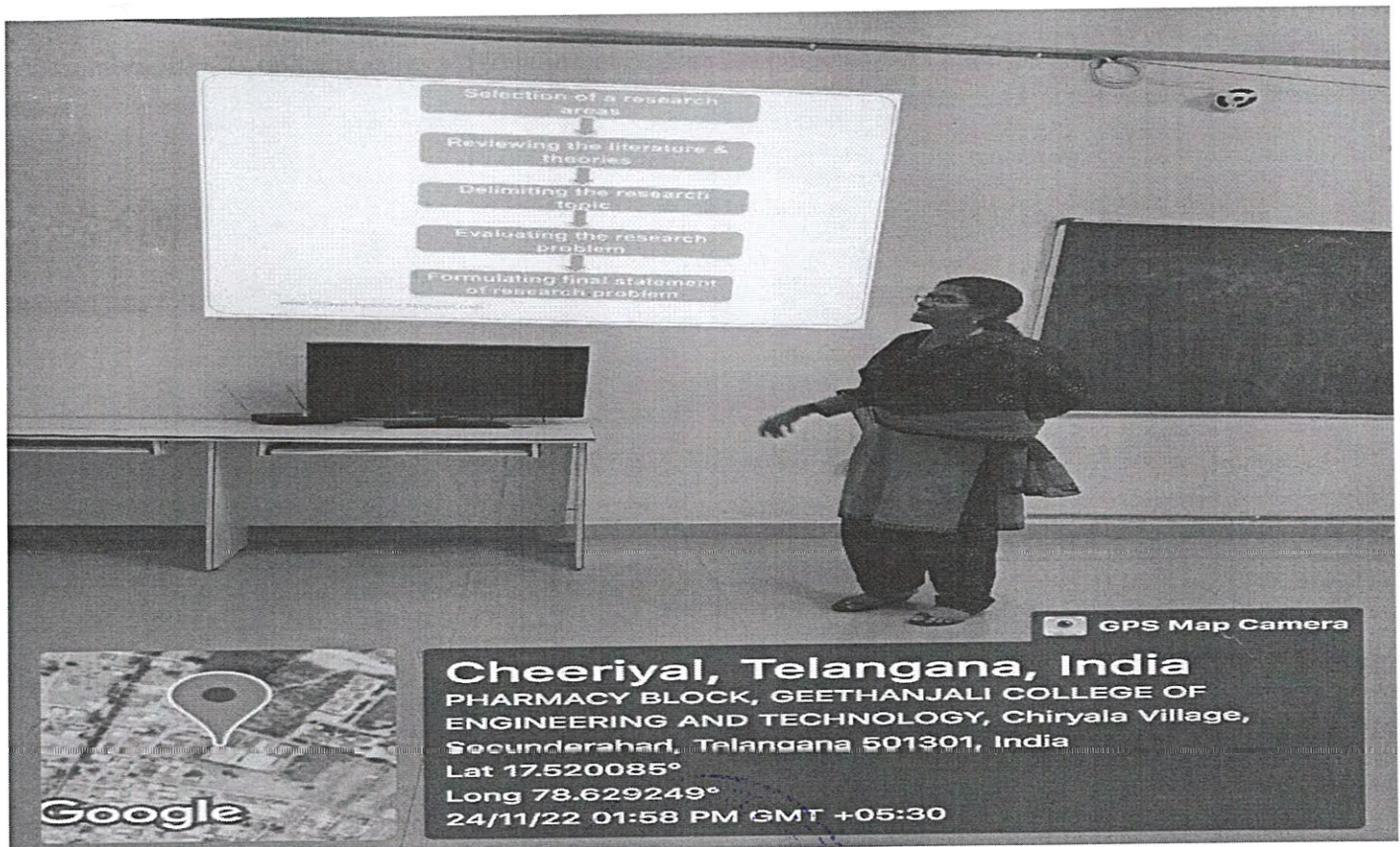
Subject: Research methodology & intellectual property rights

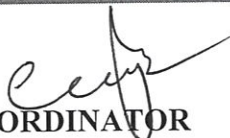
Class: M.Pharmacy (All Departments)

Unit /Topic: Unit-1 / Selection of research problem


Timings: 1:50 PM to 2.40 PM

Description:



  
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(TLP method/ ICT Tool)

Date: 24-11-2022

Name: B. SWATHI

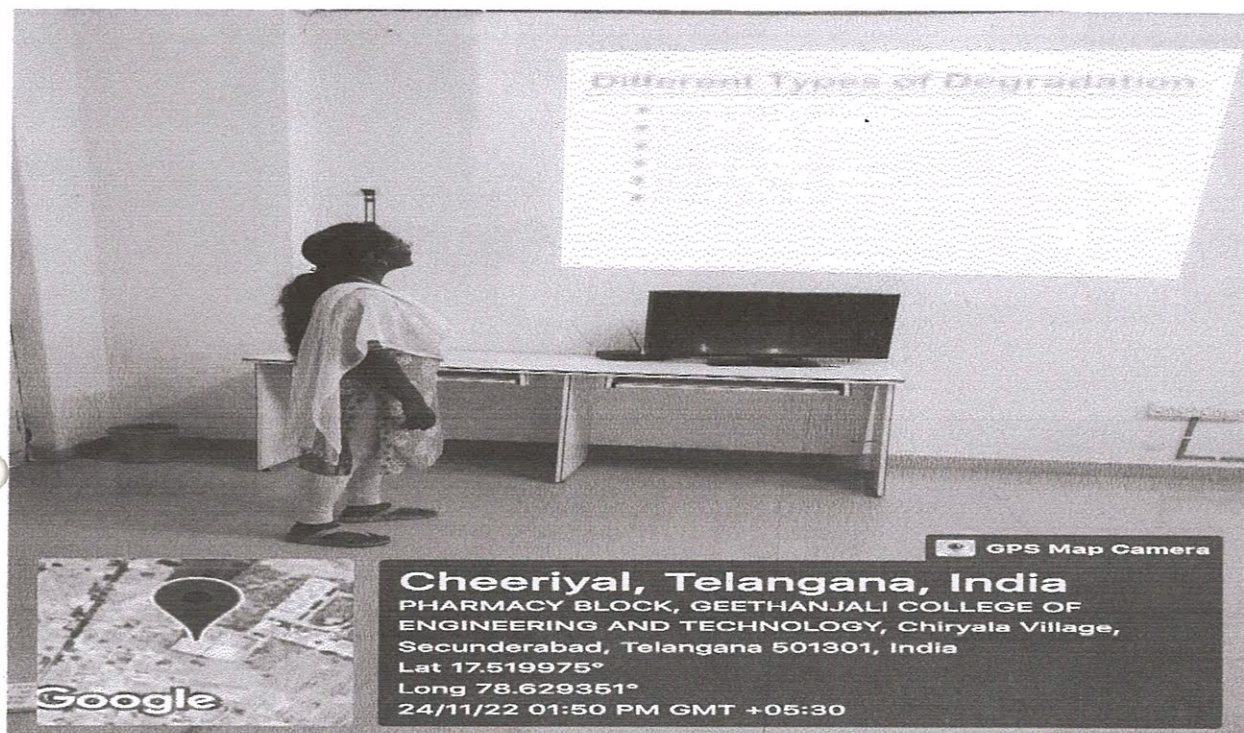
Subject: STABILITY OF DRUGS AND DOSEAGE FORMS

Class: M. Pharmacy I Yr./ I Sem

Unit /Topic: Unit-I

Timings: 1 PM to 1.50 PM

Description: CHEMICAL DEGRADATION



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## STUDENTS ACTIVITIES (ICT TOOLS)

### SLIDESHARE POWERPOINT PRESENTATION UPLOAD

Name: P. NAGA CHANDRIKA

Class: M. Pharm I year II sem

Date: 23.11.2022

Subject: NANO BASED DRUG DELIVERY SYSTEM

### I. TOPIC: HISTORY OF NANO TECHNOLOGY

STUDENTS: A. ANJALI [21Z51S0301] , K. SAI VAMSI [21Z51S0306]

WEBLINK: [http://www.slideshare.net/ChandrikaSundru/history-of-nano-technology-gcp2pptx?from\\_m\\_app=android](http://www.slideshare.net/ChandrikaSundru/history-of-nano-technology-gcp2pptx?from_m_app=android)

The screenshot shows a Slideshare presentation interface. At the top, there is a navigation bar with 'Home' and 'Explore' links, a search bar, and 'Upload', 'Login', and 'Signup' buttons. Below the navigation bar, there is a promotional banner for Scribd and Slideshare, stating 'Access the ultimate library with Scribd.' and 'Read free for 60 days'. The main content area displays the title 'HISTORY OF NANO TECHNOLOGY' in large letters. Below the title, it says 'Prepared by A. ANJALI (21Z51S0301) K. SAI VAMSI (21Z51S0306) M. PHARMACY 1<sup>ST</sup> 2<sup>ND</sup> SEM, PHARMACEUTICS'. To the right, it says 'Guided by: P. NAGA CHANDRIKA, M. Pharm, Assistant Professor GEETHANJALI COLLEGE OF PHARMACY'. At the bottom right, there is a 'Recommended' section with an 'Activate Windows' watermark.



*Handwritten signature in green ink*  
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# IV TOPIC: INTRODUCTION TO NANOTECHNOLOGY

STUDENTS: A. RAMYA SREE [21Z51S0302], T. MANISHA [21Z51S0307]

WEBLINK: <https://www.slideshare.net/ChandrikaSundru/introdution-of-nanotechnologypptx>



Home Explore

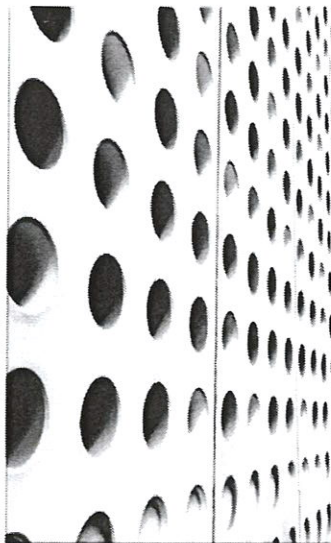
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## INTRODUCTION OF NANOTECHNOLOGY

Prepared by:  
A. Ramya Sree [21Z51S0302]  
T. Manisha [21Z51S0307]  
M.Pharmacy, I/II Sem, Pharmaceutics  
Geethanjali College of Pharmacy.

Under guidance:  
P. Naga Chandrika, M. Pharm,  
Research scholar.



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# III TOPIC: A REVIEW ON GOLD NANOPARTICLES IN CANCER THERAPY

STUDENTS: ANUSHADEV [21Z51S0304]

WEBLINK: <https://www.slideshare.net/ChandrikaSundru/classificationpptx-252636899>



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**A Review on Gold Nanoparticles in Cancer Therapy**

Presented by,  
**Anusha Dev**  
M.Pharmacy-Pharmaceutics  
Geethanjali College of Pharmacy

Under the Supervision of,  
**Dr. Y Shivakumar, P Naga Chandrika**



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## II TOPIC: CLASSIFICATION OF NANOMATERIALS

STUDENTS: A. DHARANI [21Z51S0303]

WEBLINK: <https://www.slideshare.net/ChandrikaSundru/classificationpptx-252636899>

The screenshot shows a presentation slide with the following content:

- Header:** CLASSIFICATION OF NANOMATERIALS
- Prepared by:** A. Dharani (21Z51S0303), M. Pharmacy (Pharmaceutics)
- Guided by:** P. NAGA CHANDRIKA, M. Pharm, Assist. Professor, Geethanjali College of pharmacy

The slide is part of a 5-page presentation, as indicated by the navigation bar at the bottom showing "1 of 5". The interface includes a search bar at the top, a Scribd advertisement, and a sidebar on the right with navigation icons.



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## STUDENTS ACTIVITIES (LEARNING TOOLS) PRESENTATIONS IN CONFERENCES

Name: P. NAGA CHANDRIKA

Class: M. Pharm I year II sem

Subject: NANO BASED DRUG DELIVERY SYSTEM

Date: 23.11.2022

VENUE: ANURAG UNIVERSITY

CONFERENCE: 6<sup>TH</sup> NATIONAL CONFERENCE ON TRENDING RESEARCH &  
INNOVATIONS IN PHARMACEUTICAL SCIENCES

DATE: 22<sup>ND</sup> & 23<sup>RD</sup> JULY 2023

STUDENTS: ANUSHA DEV [21Z51S0304], A. DHARANI [21Z51S0303], T.  
MANISHA[21Z51S0307]



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## GOOGLE CLASS ROOM (ICT TOOLS)

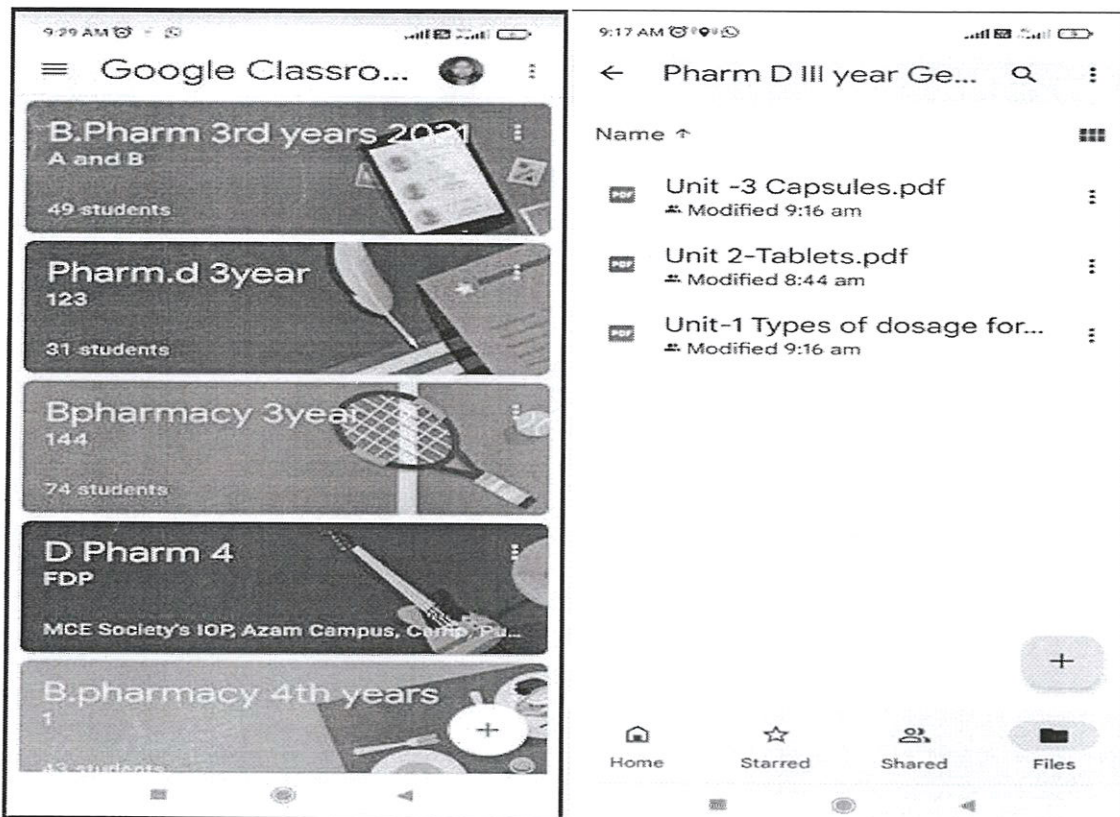
Name: P. NAGA CHANDRIKA

Class: Pharm. D III year

Date: 23.11.2022

Subject: PHARMACEUTICAL FORMULATIONS

Topic: Unit- 1, 2,& 3



*Cef*



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## INCLUSION OF NEW EXPERIMENT

Name: P. NAGA CHANDRIKA

Class: Pharm. D III year

Date: 23.11.2022

Subject: PHARMACEUTICAL FORMULATIONS

EXPERIMENT NAME:

### COATING OF TABLETS – FILM COATING OF TABLETS / GRANULES

**Aim:** To perform coating of granules.

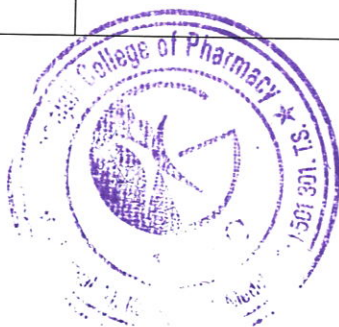
**Theory:**

Granulation is a technique of particle enlargement by agglomeration, is one of the significant unit operations in the production of pharmaceutical dosage forms, mostly and capsules. During the granulation process, small fine or coarse particles are converted into large agglomerates called granules.

Generally, granulation commences after initial dry mixing of the necessary powder ingredients along with the active pharmaceutical ingredient so that a uniform distribution of each ingredient throughout the powder mixture is achieved.

**Formula for Film coating: Coating composition**

Ingredients	Qty Given	Qty Taken
Hydroxy propyl methyl cellulose	4%	



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Propylene glycol	1.2%	
Ethyl alcohol	45%	
Methylene chloride	q.s. ad 100%	

**Apparatus:**

Beaker, measuring cylinder, stirrer, coating pan, spray gun

**Procedure:**

1. Preparation of Coating Solution: Add the polymer gradually to the ethyl alcohol and agitate the solvent with continuous stirring.
2. Add the some portion of methylene chloride to this suspension so that polymer gets solubilized.
3. Add the propylene glycol and remainder of methylene chloride to the above solution under constant stirring and the final mixture is mixed well by continuous stirring for 15-20 min.
4. Filter the prepared coating solution.

**Granules Coating Operation:**

1. Place 200 g of plain granules in the coating pan with three pieces of baffles installed.
2. The plain granules are heated to 40-40°C by applying hot air.
3. Adjust the air pressure and the spraying speed of the spray gun to produce properly atomized coating liquid.
4. Turn on the coating pan and change the rotation speed to 20 rpm.
5. Spray the coating liquid onto the granules until a uniform film coating is formed.
6. Keep the distance of 25 inches of coating from the granule bed for efficient coating.
7. Stop spraying and keep the coating pan running for an additional few minutes to avoid sticking between the coated granules.
8. The granules were dried after coating by blowing air.



*Srinivas*  
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**Observations:**

**Observations of film coated granules**

Test	Observation	Inference
Coating	Uniform/Non uniform	Passes/Fail
Dark marks	Uniform/Non uniform	Passes/Fail

**Precautions While Coating:**

- During the coating process, the selection of the spraying rate of the coating liquid and the air blowing speed should be made with the aim not to over-wet the granules and to prevent sticking.
- The temperature should not be too high or too low. If the temperature is too high, the coating film formed will not be uniform; on the other hand, if the temperature is too low, drying will be very slow and the coated granules may stick to each other.
- Air bubbles should be avoided during the coating process.
- The coating materials should be passed through a 150-200-mesh sieve if particle agglomeration is present (or homogenized by using a homogenizer).

**Results:** Plain granules are uniformly film coated and submitted.

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## PPT Presentation (TLP method/ ICT Tool)

Date: 22/11/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Student Presentation

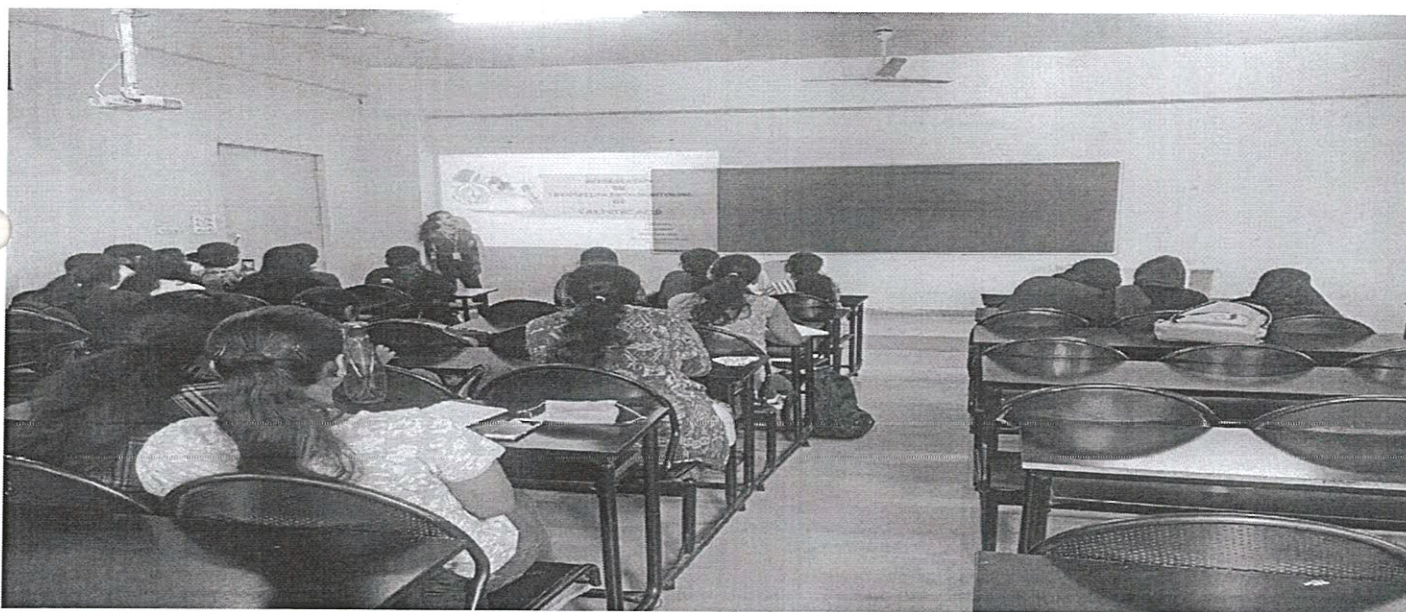
Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year,

Pharm D PB 2<sup>nd</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 9:50 Am to 1:50 Pm

Description: students are encouraged to do a PowerPoint presentation on the respective and interested drug profile for the Therapeutic Drug Monitoring



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Certified by ISO 9001:2015

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## PPT Presentation (TLP method/ ICT Tool)

Date: 22/11/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Student Presentation

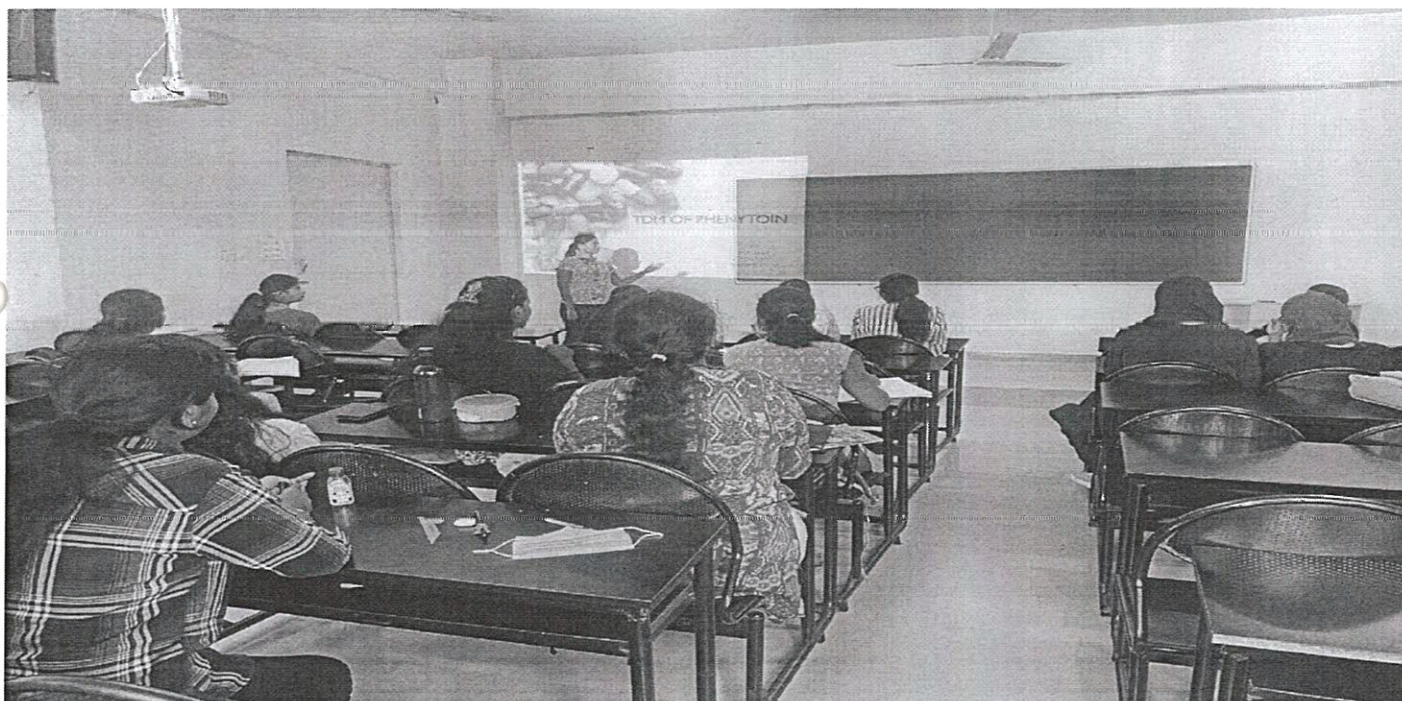
Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year,

Pharm D PB 2<sup>nd</sup> Year

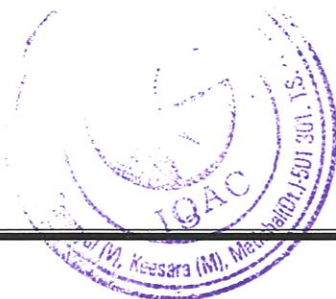
Unit /Topic: Therapeutic Drug Monitoring

Timings: 9:50 Am to 1:50 Pm

Description: students are encouraged to do a PowerPoint presentation on the respective and interested drug profile for the Therapeutic Drug Monitoring



HOD



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## CROSS WORD PUZZLE (TLP method)

Name: S. Rani

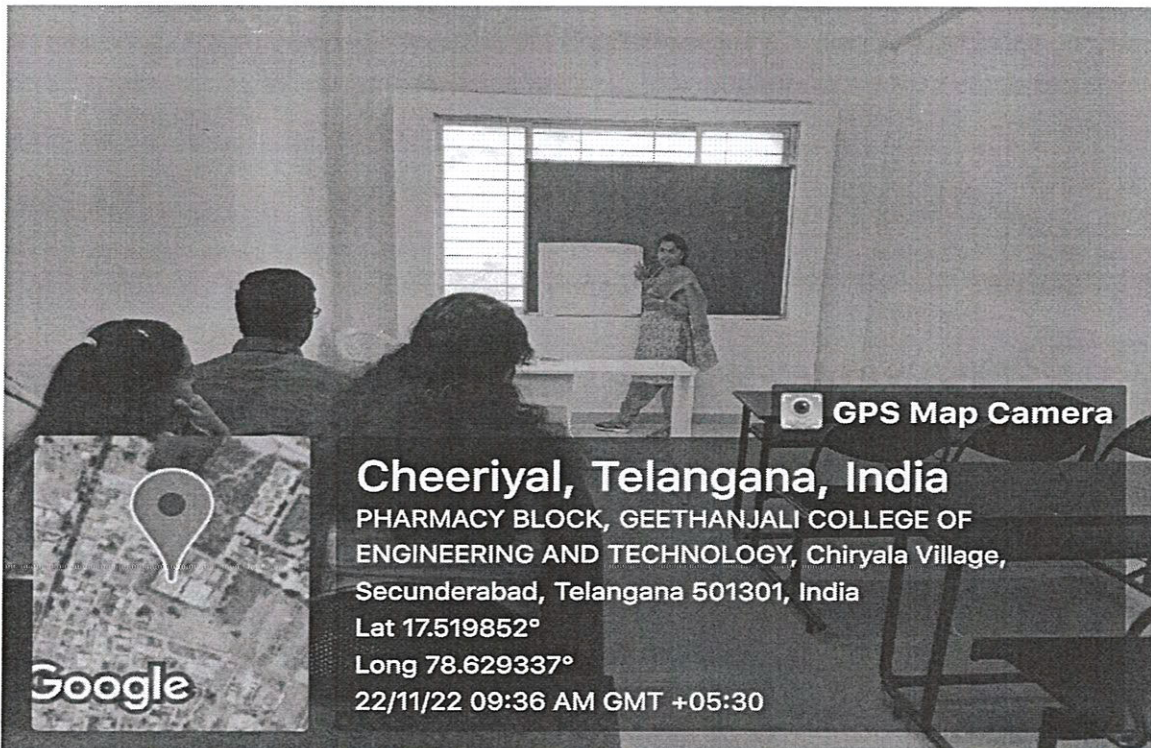
Date: 22.11.2022

Subject: Applied Biopharmaceutics and Pharmacokinetics

Class: M. Pharmacy I Yr. I Sem

Topic: Unit: 1 Concept of Bioavailability and Bioequivalence

Timings: 9.00 – 9:50AM



*S. Rani*  
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*S. Rani*



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## PPT PRESENTATION (TLP method)

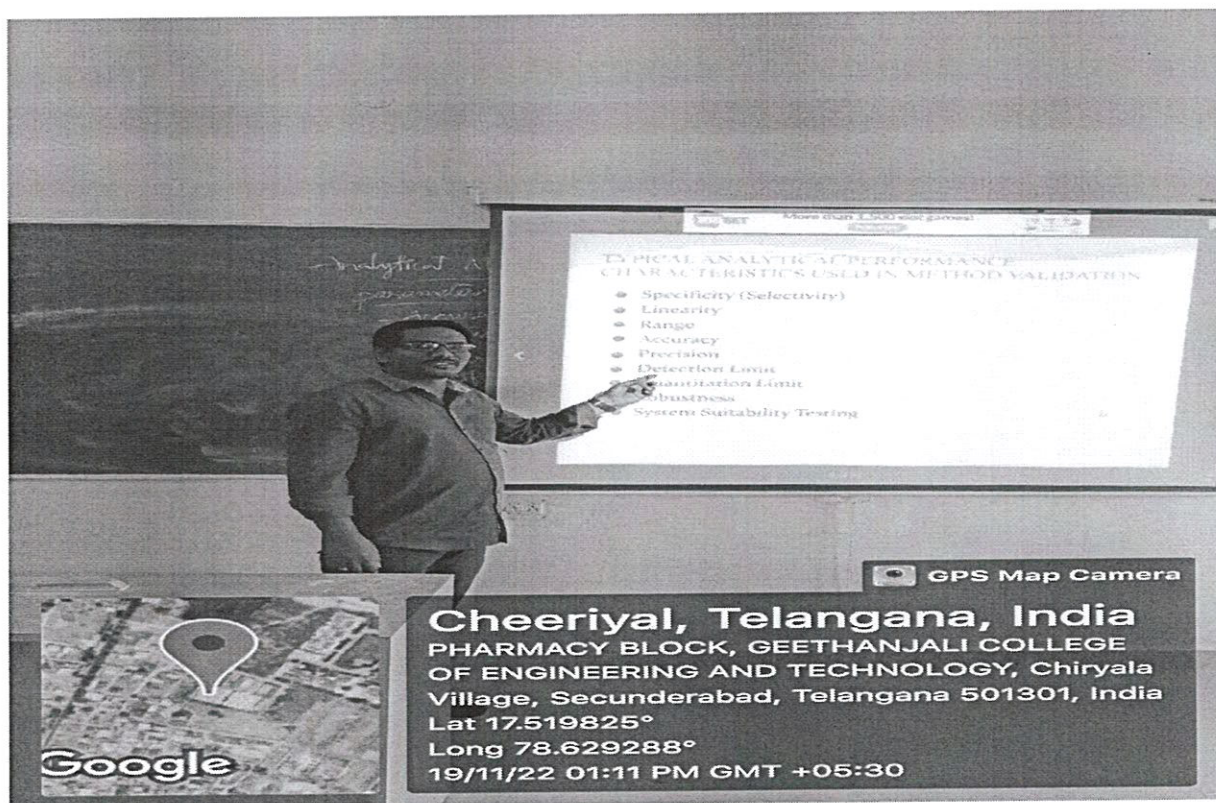
Name: K.Prashanth

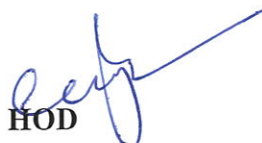
Date: 19.11.2022

Subject: Generic product development      Class: B. Pharmacy III Yr. I Sem(B)

Topic: Unit: 3 Analytical method validation

Timings: 1.00 – 1:50 PM



  
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## Group Discussion (TLP method/ ICT Tool)

Date: 18/11/2022

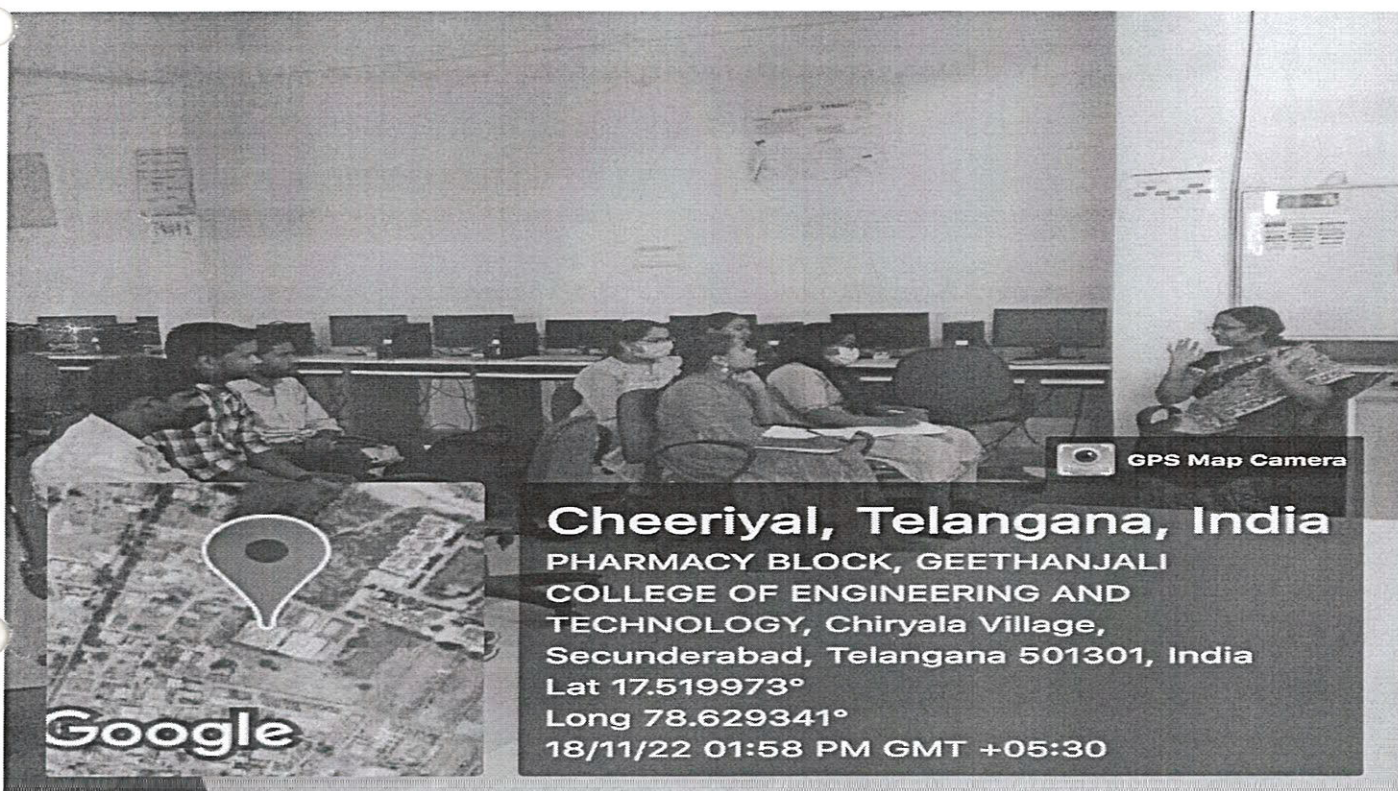
Name of the Faculty: Dr. P. Neeraja

Designation: Professor Department: Pharmaceutics

Subject: Modern Pharmaceutics I Class: M.pharm I/ I sem

Unit /Topic: microencapsulation practical considerations

Timings: 2:00 Pm to 3:30 Pm



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## HANDS ON TRAINING

FACULTY NAME: P. NAGA CHANDRIKA

Class: Pharm. D III year

Date: 16.11.2022

DEPARTMENT: PHARMACEUTICS

SUBJECT: PHARMACEUTICAL FORMULATIONS

EXPERIMENT: TABLET COMPRESSION AND EVALUATION BY WET GRANULATION BY USING  
TABLET MINIPRESS

*P. Naga Chandrika*



*P. Naga Chandrika*  
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## PPT Presentation (TLP method/ ICT Tool)

Date: 15/11/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Student Presentation

Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year,

Pharm D PB 2<sup>nd</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 9:50 Am to 1:50 Pm

Description: students are encouraged to do a PowerPoint presentation on the respective and interested drug profile for the Therapeutic Drug Monitoring



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## PPT Presentation (TLP method/ ICT Tool)

Date: 15/11/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

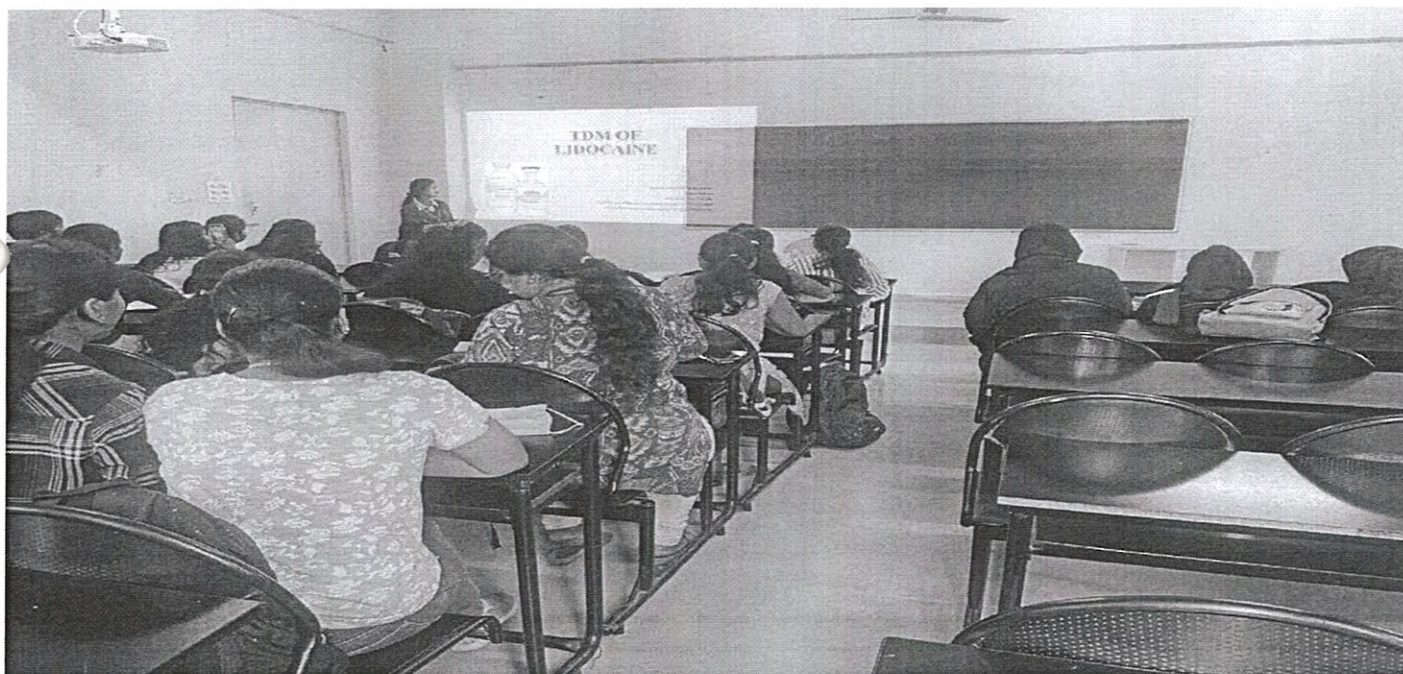
Presentation: Student Presentation

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Presentation: Student Presentation

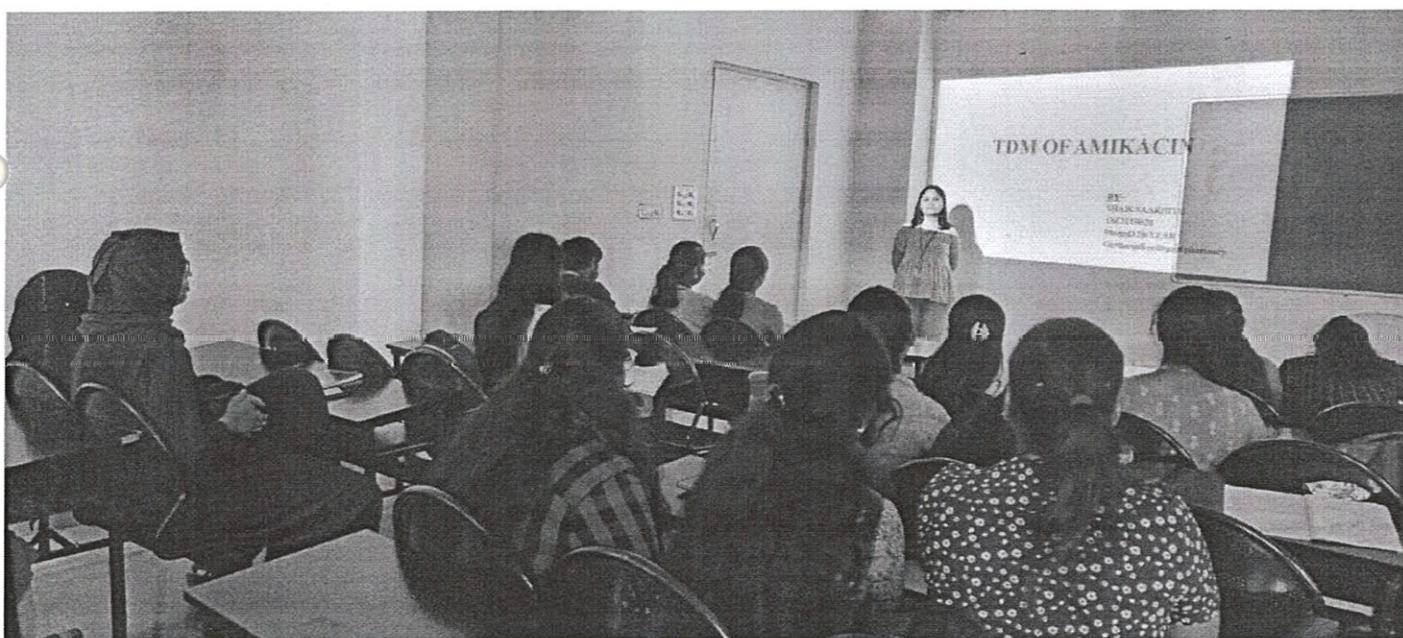
Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year,

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Presentation: Student Presentation

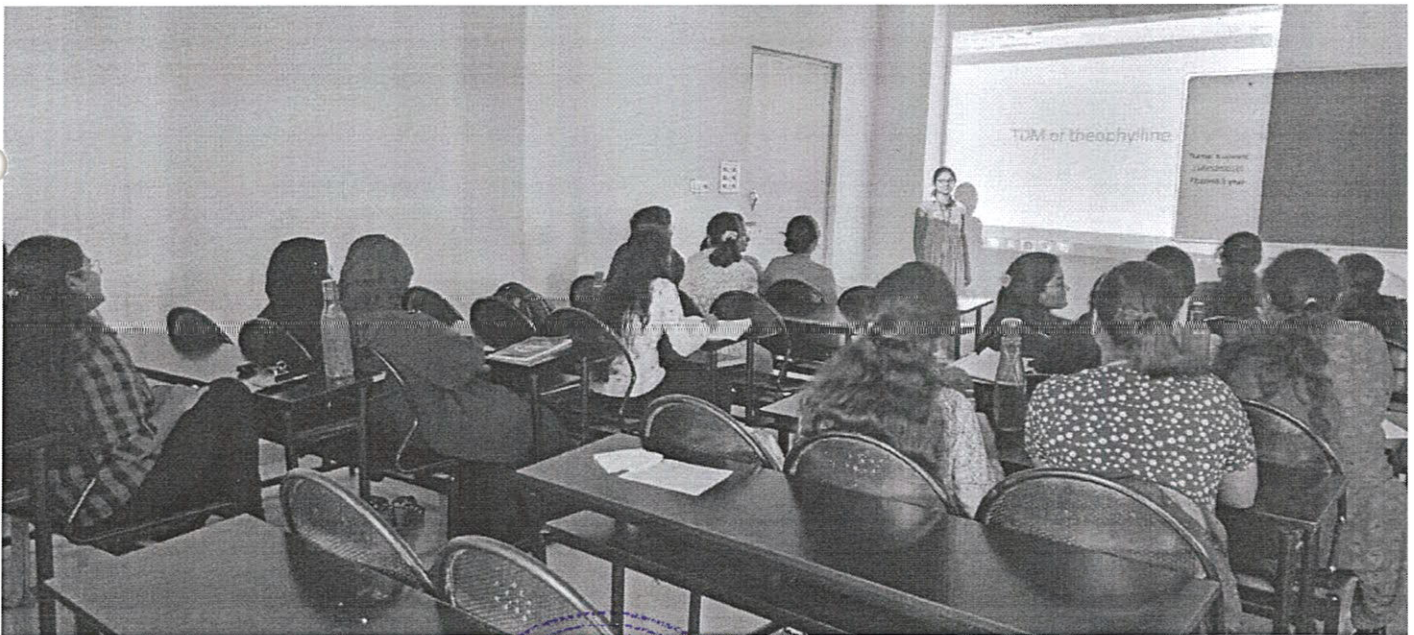
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Presentation: Student Presentation

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Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Student Presentation

Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year,

Pharm D PB 2<sup>nd</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 9:50 Am to 1:50 Pm

Description: students are encouraged to do a PowerPoint presentation on the respective and interested drug profile for the Therapeutic Drug Monitoring



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*Santhosh*  
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## PPT Presentation (TLP method/ ICT Tool)

Date: 14/11/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Student Presentation

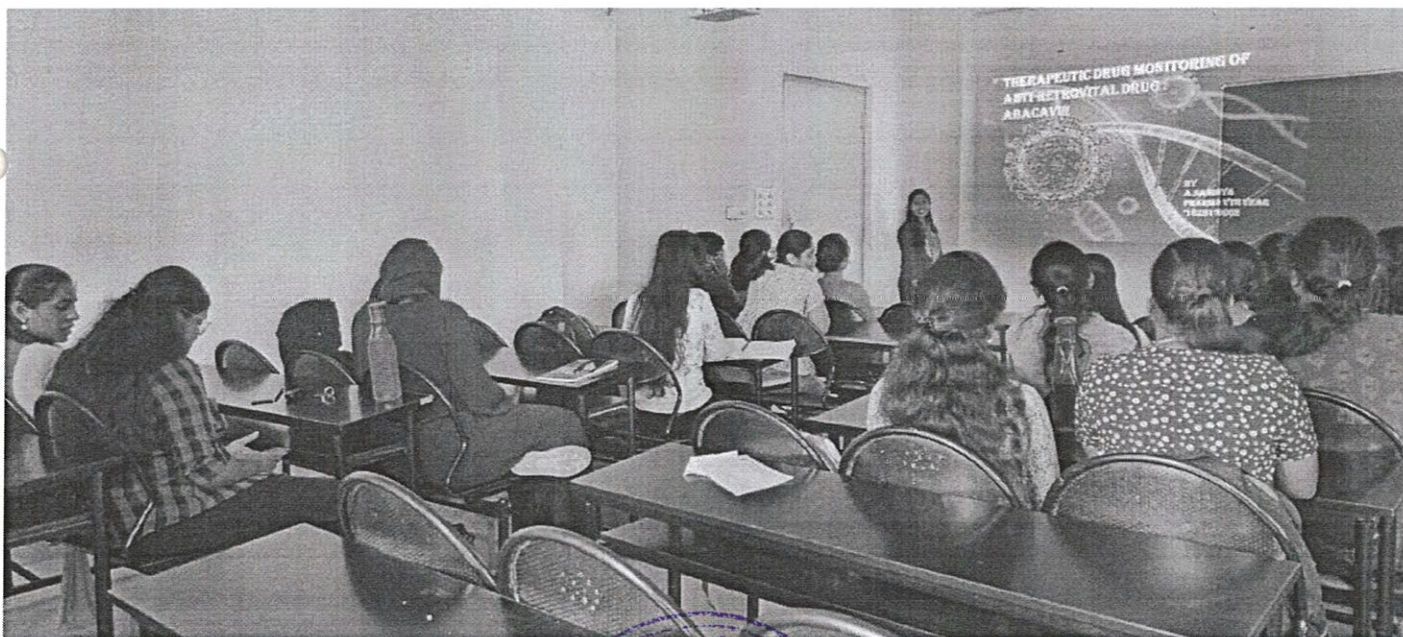
Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year,

Pharm D PB 2<sup>nd</sup> Year

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## QUIZ - REMEMBER THE DRUG

**Subject:** Pharmacotherapeutics-II/Year/**Batch:** Pharm.D III Year/(20Z)

**Faculty:** Dr.Mohammed Abubakar**Date:**09.11.2022

**Topic:**Remember the drug (GENERIC)



*Mohammed Abubakar*  
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## Zoom Online Class (TLP method/ ICT Tool)

Date: 31/10/2022

Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics

Presentation: Student Presentation

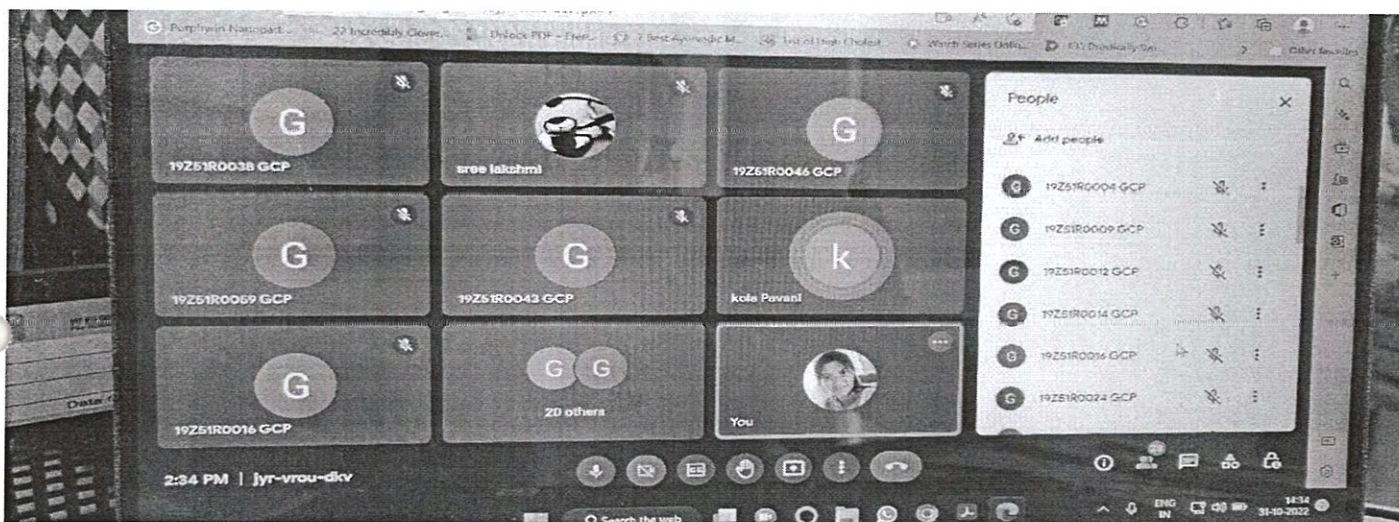
Subject: Novel Drug Delivery System

Class: B. Pharmacy 4<sup>th</sup> Year

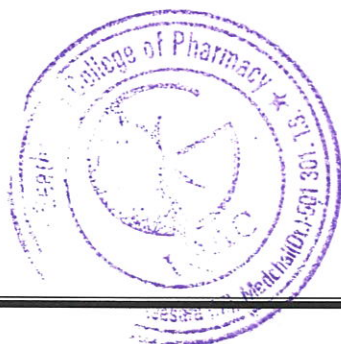
Unit /Topic: UNIT I, II and III

Timings: 2:40 Pm-3:30 Pm

Description: Revision class



  
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## QUIZ - KAHOOT

**Subject:** Pharmacotherapeutics-IIYear/**Batch:** Pharm.D III Year/(20Z)

**Faculty:** Dr.Mohammed Abubakar**Date:** 26.10.2022

**Topic:**Dermatological disorders



*Mohammed Abubakar*  
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## FLOW CHART

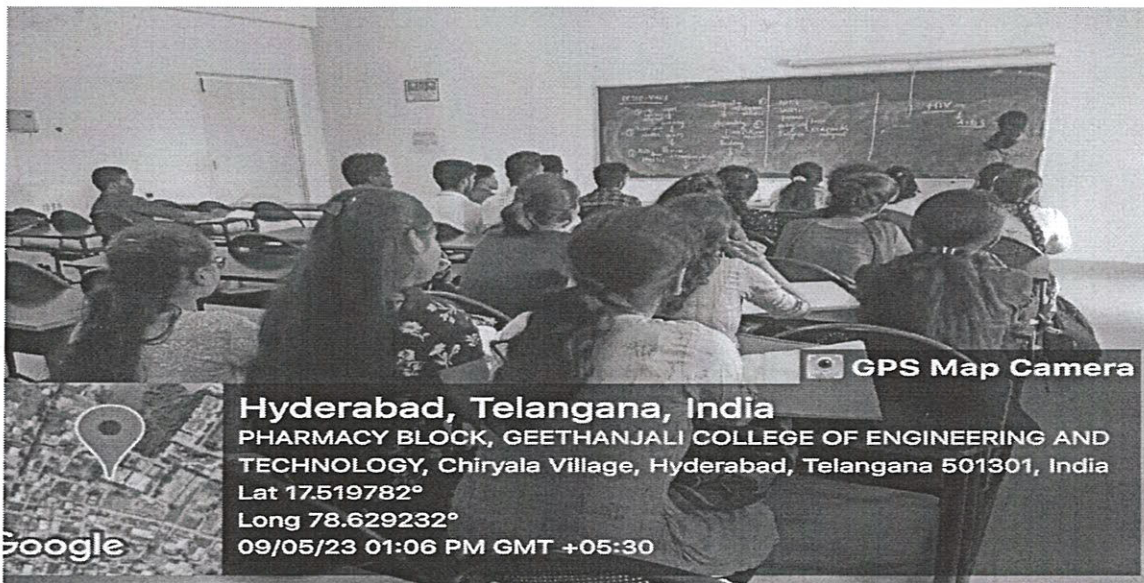
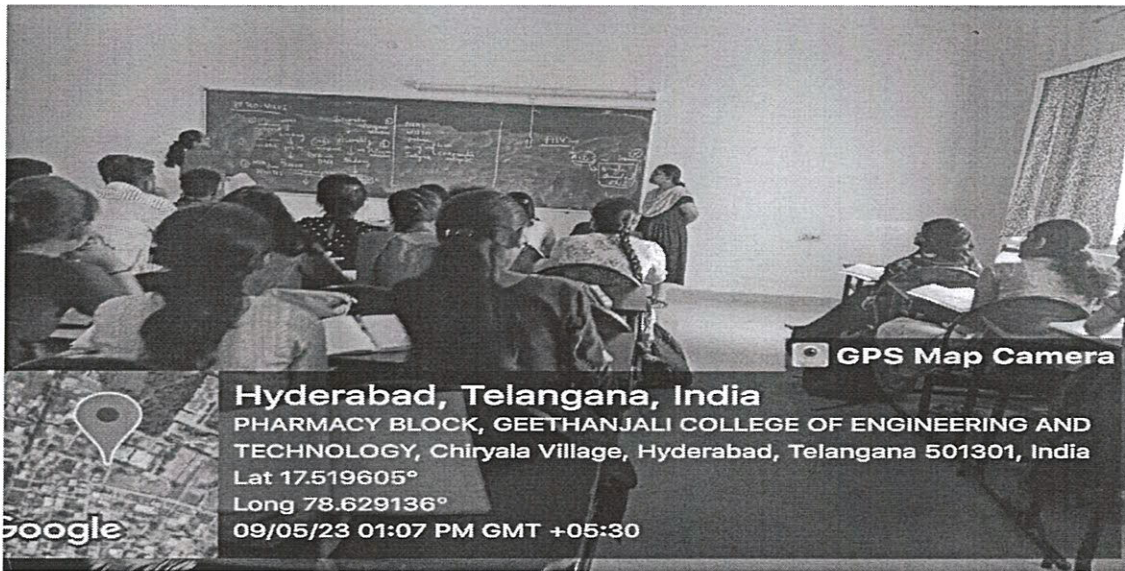
**Subject:** Pharmacology-III

**Year/Batch:** B.PharmIII Year/I Sem (20Z)

**Faculty:** Mrs. V. Shalini

**Date:** 26.10.2022

**Topic:** Pharmacology of Antiretroviral Drugs



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## Case Study (TLP method/ ICT Tool)

Date: 22/10/2022

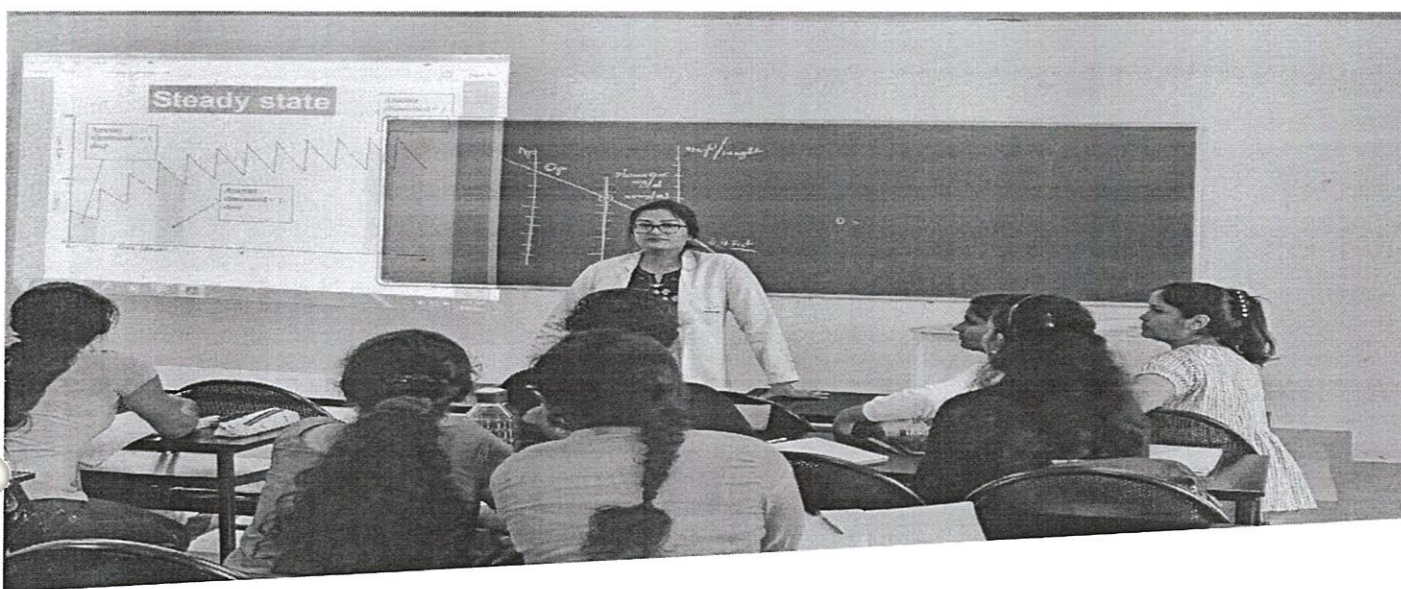
Name of the Faculty: Bommala. Supraja Designation: Asst Professor Department: Pharmaceutics


Presentation: Staff Presentation

Subject: Therapeutic Drug Monitoring & Clinical Pharmacokinetic Class: Pharm D 5<sup>th</sup> Year

Unit /Topic: Therapeutic Drug Monitoring

Timings: 9:50 Am to 10:40 Pm



  
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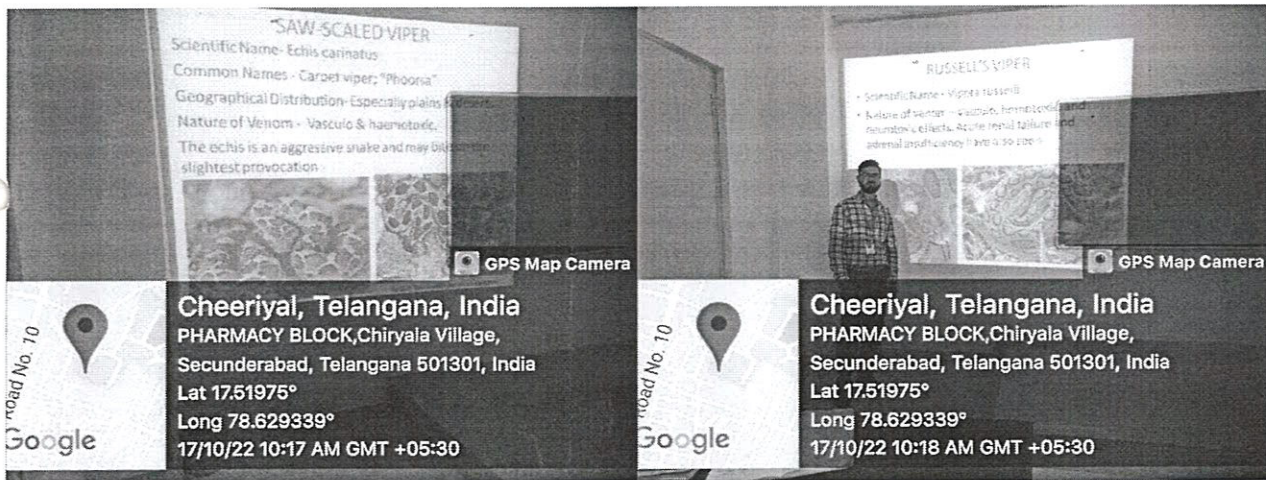
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9001:2015

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**Subject:** Clinical Toxicology      **Year/Batch:** Pharm.D IV Year/(19Z) & PB I Year (22Z)

**Faculty:** Dr. Mohammed Abubakar **Topic:** Venomous Snake bites

**Date:** 17.10.2022



*Mohammed Abubakar*  
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Cheeryal (V), Keesara (M), Medchal-Malkajgiri Dist., Telangana State- 501301

## PRACTICAL DEMONSTRATION –X-PHARMACOLOGY SOFTWARE

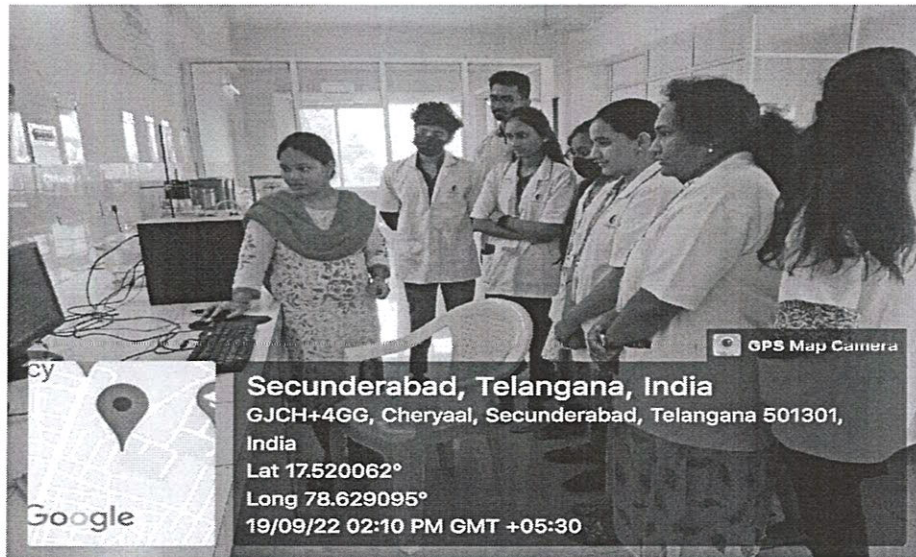
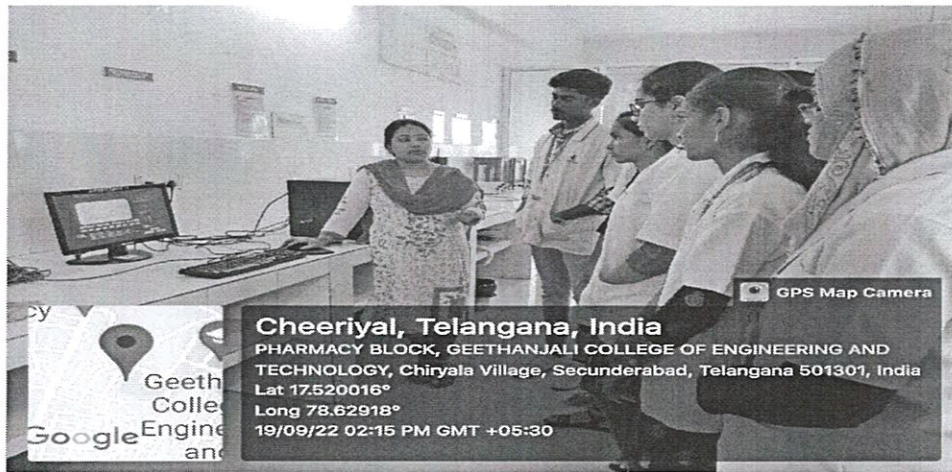
**Subject:** Pharmacology-II

**Year/Batch:**B. Pharm III Year/I Sem(20Z)

**Faculty:** Mrs. V.Shalini

**Date:**19.09.2022

**Topic:** Dose response curve of Ach



*V. Shalini*  
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