

Ph: 99498 76664 Email: office@acop.edu.in Website: www.acop.edu.in

CRITERIA 2

TEACHING, LEARNING AND EVALUATION

2.3.2

TEACHERS USE ICT ENABLED TOOLS FOR EFFECTIVE TEACHING LEARNING PROCESS

2.3.2Teachers use ICT enabled tools for effective teaching-learning process

INDEX

S.No	Description	Page no
	Description	2
1.	Microsoft Teams for online Teaching &Learning	3
2.	ICT enabled Classrooms and Seminar Halls	4-5
3.	Power Point Presentations and Animations	6
4.	Recording Studio for Content Development	7
5.	Online Learning Environment and Digital Library	8-10
6.	Moodle (LMS)	11-12
7.	Virtual Labs	13-16
8.	Scanners, printers and multifunction copiers	17-18
9.	e-cap, Micromedex	19
10.	Instrumentation with ICT tools	20-21
11.	List of faculty using ICT tools	22

Description

In preserving the educational level of students the use of information and communication technology (ICT) tools has been essential to both teaching and learning. ICT has become a critical device enabling them to increase their digital skills and competencies.

Through these tools, Microsoft Office 365 made it possible to carry out virtual classes through the Microsoft Teams app, virtual experiments are explained through Ex-Pharm series software, classes with powerpoint presentations and taking exams from home by means of accomplishing numerous quizzes. For scientific and research purpose sites such as Research Gate, Delnet, Pubmed, Springer, Shodhganga, e-resources and Google Scholar are helpful.

Our library contains over 7682 volume of books and 389 e-journals, and offers students with access to over 390electronic journals. These resources are cataloged using the Electronic college Automation package (E-Cap) software, which is purchased to provide end users with the most robust and comprehensive search functionality available.

The seminar halls are fully furnished with a permanent acoustic seating arrangement, equipped with LCD projector facilities. Numerous education, motivation, Guest lectures, attention and awareness programs are given and were performed for uploading deliveries for instructional systems to the students.

The presence of Wi-Fi on campus encourages faculty and students to use internet services to improve their teaching-learning methodologies.

ICT tools used by the institution are given below:

- 1. Microsoft Teams UI for Online showing scheduled class of various subjects.
- 2. ICT Tools enabled classrooms
- 3. PowerPoint presentations are used to teach classes with animations
- 4. Online learning environment in Library-KNIMBUS
- 5. Electronic college Automation package(E- cap software)
- 6. National Digital Library
- 7. LCD Projectors
- 8. Desktops, printers, scanners
- 9. Zoom, Google meet, Google forms
- 10. Drug Information database: Micromedix
- 11. Drug design software: Molecular Chem Draw
- 12. Shodhganga, E-Shodhsindhu
- 13. Research gate, Google scholar

1. Microsoft Teams UI for Online showing scheduled class of various subjects.

All teams	P Gen	eral Posts Files +	🗅 Meet 🗸 🛈
IP II YEAR PHARMD	GV.	Bytes: 20:01:00:02 Stream 20:00:00 Abstream 20:00:00 Abstream 20:00:00 Abstream 20:00:00 Abstream 20:00:00 Abstream 20:00:00 Control Data	
2	5.	B search 2002 09 14:00 Projects from Arc Projects from Arc Projects from Arc Projects from Arc Search 2002 09 12:00 Projects from Arc Projects	
	2	23 replies from severy, 2331170008, and 2331170002 e ³ Reply 2831170079 29-011030	

Microsoft Teams UI for Online showing scheduled class of various subjects

Questions Responses () Settings	Tetar points: 42	
Frequently missed questions @		
Question Corre	ct responses	
For the permeation of Highly hydrophilic drugs (log k< 1) through skin,	187.84	
Stratum corneum hydration stabilizes by the age of	19/35	
The ideal density for a gastro-retentive floating douage forms is:	16/36	
The physiological modifying agent(s) used in neoal drug delivery systems is/are	14/30	
The size of sligs-lamellar vesicles is:	17/36	
Example of charged molecules added in the preparation of nissomes is:	167.38	
In salting out method used for the preparation of Nanoparticles, PVA is incorporated into:	14/35	
Laser Doppler anemometry to used for	15/35	
X-ray photoelectron spectroscopy is used for the determination of	17/35	
Scores Rev	ne scores	

Microsoft Teams for conducting quiz

	S DOCK				
) t	Pharmaceutical Engineering_SPNK_Dt. 29.01.2022 Due January 29, 2022 4:00 PM	Summary results			
	To return (0) Returned (107)			Search students	Q
l Sar	Name *	Status *	Feedback	/ 40	
	203H1R0001, 203H1R0001	← Returned	9	33	~
	203H1R0002, 203H1R0002	 ← Returned 	C 9	36	~
	203H1R0003, 203H1R0003	€~ Returned	C		~
	203H1R0004, 203H1R0004	 ✓ Returned 	C#		~
	203H1R0005, 203H1R0005	€-⁄ Returned	C 9	36	~
	203H1R0006, 203H1R0006	 ✓ Returned 	C [®]	36	~
	203H1R0007, 203H1R0007	€-⁄ Returned	C	29	~
	203H1R0008, 203H1R0008	 ✓ Returned 	C [®]	37	~
	203H1R0009, 203H1R0009	 ✓ Returned 	C ⁹	39	~

Microsoft Teams for conducting Assignments along with their marks scheduled

2. ICT Tools enabled classrooms and Seminar Halls









ICT Tools enabled classrooms for teaching-learning process

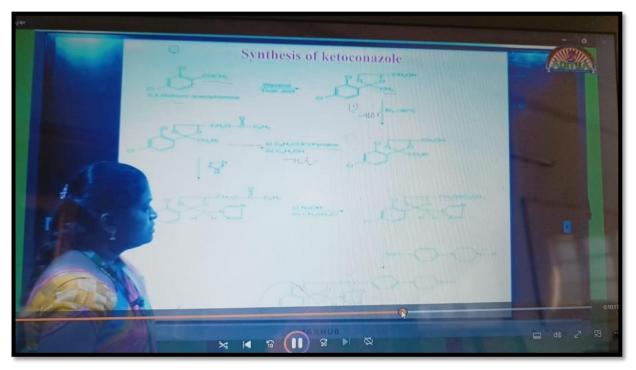
drugs.pptx 🗢 📔 I Insert Design Image: A state of the state Q ¢ ----Home tline Slides INSTRUMENTAL METHODS OF ANALYSIS Ins. M. Analysis (IV B.Pharm-I SEM) PCI 29/08/2023 -M UNIT-III PAPER CHROMATOGRAPHY 🛅 - 📊 : Lid 9 Solve Dr. Ramakrishna K Q TV -10

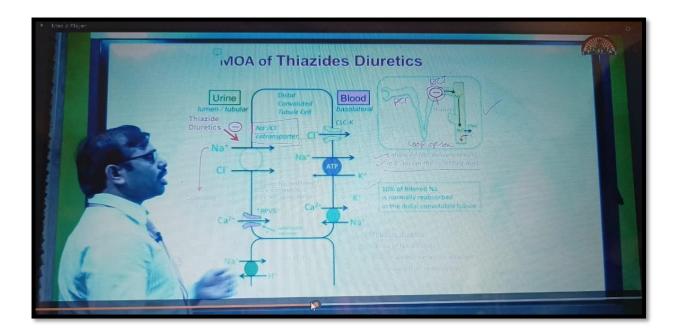




3. Power point presentations are used to teach classes with animations

4. Recording Studio

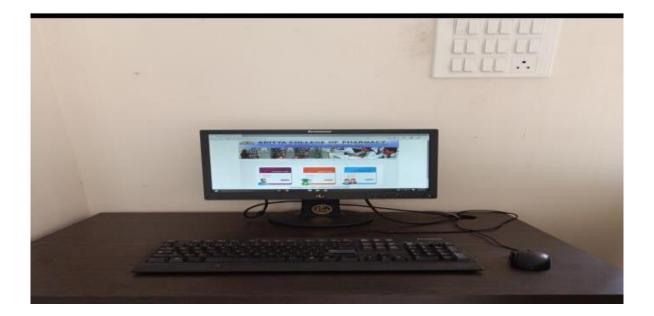




Recording Video lecture

5. National Digital Library

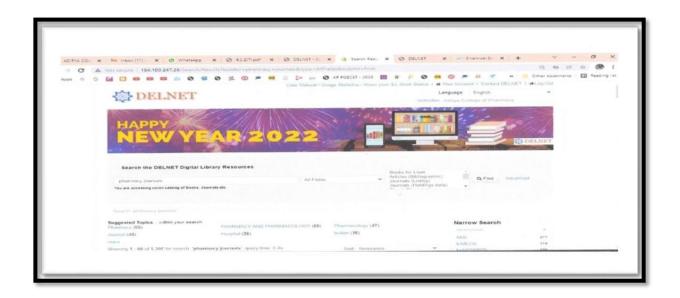




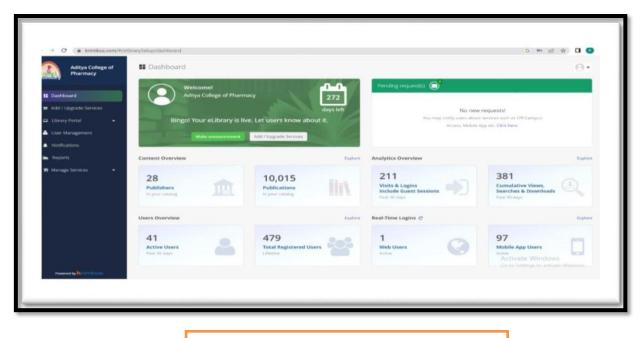
Digital Library

	EHDLOYEE CONSERVICE CONSERVICENCE						
Webrome U V SATTANARAVAIL	A	Bearth Change Password	Lo	2 Out			
LIBRARY		ONLINE PUBLIC ACCESS CATALOGUE					
M BACK VOLUMES							
SE BARCHART		Search By Tille 🗢					
M BARCODES		Search Word : pharmacoutics Science					
N BOOK STATUS	-						
N BOOKBANK STUDENTS	-	NL.NO. TATAS	CALLING				
M BOOKS	-	1 A PRACTICAL BOOK OF PHARMACEUTICS-1	015.1/W124				
N BOCKS ASSESSED		2 A TEXT BOOK OF BIOPHARMACEUTICS AND PHARMACOKINETICS	615.7/Sh10				
W BUDGET & EXPENDITURE		3 A TEXT BOOK OF MOLECULAR PHARMACEUTICS	615/Sa559				
and the second		4 A TEXT BOOK OF PHARMACEUTICS	615				
SE CIRCULATION		5 A TEXT BOOK OF PHARMACEUTICS-1					
M GROSS CHECK		6 A TEXT BOOK OF PHYSICAL PHARMACEUTICS-II THEORY CUM PRACTICAL	615.19/Sh16				
M DEPTILIERARY		7 APPLIED BIO-PHARMACEUTICS AND PHARMACOKITICS	615.7				
W DUES		APPLIED BIOPHARMACEUTICS AND PHARMACOGINETICS					
The Chart of the State of the S		9 BENTLEY'S TEXT BOOK OF PHARMACEUTICS	615				
W EDIT		10 BENTLY,S TEXT BOOK OF PHARMACEUTICS	615				
M EQUIPMENT		11 BIOPHARMACEUTICS AND CLINICAL PHARMACOKINETICS	617.7				
M JOURNALE		12 BIOPHARMACEUTICS AND CLINICAL PHARMACOKINETICS AN					
W OPAC		13 BIOPHARHACEUTICS AND DRUG DEVELOPEMENT	615.7				
W OTHERS	-	14 BIOPHARMACEUTICS AND PHAMACOKINETICS 15 BIOPHARMACEUTICS AND PHARMACOKINETCS	617.7				
W PROMICTIN	-		617.7				
The second se	-	PREVIOUS NEXT SMACH	PAGE 🛩				
SE PURCHASE ORDER							
M RECEIPTE							
W REPORTS	-						





DELNET



KNIMBUS

≣ৱাউল - Q :≫ৰুগছাৰ	NEW Copyright Guide 🛛 👹 NOLL Club	() ☆ お i ううしてれ - 🛔 Venkata Satyenarayana Vad
Annual State	Mational Digital Library of India	
	One Library All of India	
A De te	112,819 resources. English • Q Search	page 1
	STUDY AT HOME	
School COSE Example	ineering 📓 Science 🔚 Humanities 👰	Literature Law &
	COVID-19 RESEARCH REPOSITORY	
Scholarly Data Sets	Videos Journals & Videos Videos	Challenges &
	FEATURED COLLECTIONS	
Birth Centenary of Satvait Rav	Person of the Week: Topic of the Week: Isaac Newton Teurema	Talka & Webinara



6. Moodle server for conducting various exams online

← → C' ŵ	① 172.1.22.245/moodle/ ···· ♡ ☆	\ ⊡ 🖆
		lii\ ⊡ ≅
Aditya College of P	harmacy Moodle Server	You are not logged in. (Login)
Main menu 💷	Available courses	Calendar 💷
Site news Navigation	del1	Sun Mon Jue Wed Thu Eri Sat
Home	Competitive exams cell	1 2 3 4 5 8 7 8 9 10 11 12 13 14 15 16 17 18
Site news ▶ Courses	BPharmacy	19 20 21 22 23 24 25 26 27 28 29 30
	Activat	e Windows
	Go to Sett	ings to activate Windows.
Search the web and W	/indows 💷 🛱 😋 🙋 🗭 🖬 🎁	n 👘 🕼 🔌 🖓 🖓 K 📮 12:13 AM 6/1/2022

Moodle server showing different classes of various subjects

Moodle for competitive exams coaching Moodle User guide

- 1. Moodle server log in type URL address : http://172.1.22.245/moodle
- 2. Click on the exam subject log in user name (Reg.No) Password : Aditya@123 click on the exam
- schedule 3. Answer the guestions
- 4. 4. Submit and check for Grades

No. And you College of Price				(e) = (7 @		0 PELEDBRIGHTUNGSCHUPPEN	- 0 0
+ - 0 0		1.22.24N/meredia/		RPharmack.			The are legal to a face
Addya College	pr of Pharmacy Mo	odle Berver	The last net impact in the pro-	Cherry & Marchard		and a company of the second seco	
Rain many	IN Assessment		Calendar III	Residential			
			 Are 200 			III IL PHARM II BEM SEC- A & B(23.27-05-2822) - Pharmacology	
Resignation				There .			
and a second sec	Competitive of		9111	- My horse			
				 Multiple 			
						Athenyal auto none	
				- Minemary			
		moode		> fispera * Coronal			
		0000000		tana in			
				10 10 10 10 10 10 10 10 10 10 10 10 10 1			
				(C) 10 100			
				Div factor			
				B211-			
				State of Second			
Search the aut	m and Winstein	C Q 0 0 0 0 0 0	die en bernunge is wernande Windows.		eris and Wesleyes	0 0 8 0 0 0 6	■ = 0 + 1
SPERCARE F			of an at 10 cm 40 an an an	Description	ntia and Withdows	O D S S S S S S S S S S S S S S S S S S	
0		C 🗿 👻 🧕 🗰 🗕			ntia and Withdows		
e Ny	0	1.000/1100/00/00/00/00/00/00/00/00/00/00/0	of an at 10 cm 40 an an an		×		- 0 0
Q Q NOV	C	adhaf an daga an thaga a physiolitae ga - 1600. 16. A 1 Rijn 20 Al (1994) , Maaraa ahay 18. Taaraw			 (1) 100 (2) 100 (3) 100 (4) 100 	N. S. S. Marine and a second sec	- 0 0
Q Ky	©	uda mula ya uda ang pagnahan ya 1968 16. A 2019 (K. M. Maria ang K. Marana A 2019 (K. M. Maria ang K.		R = 1 and 1	× •	182 Marcandolmul Spacification of a Colombia (182 Marcandolmul Spacification of the State of th	- 0 0
	C	andro-outpassationspopulationspot NRS 20. A 2010 DE AL ADAS, Theorem and Sector States and A Dates I coupt		R = 1 and 1	× •	123 Merowski w Strategi (* 1999) - 1934 Merowski (* 1997) Strategi (* 1999) - 1934 Merowski (* 1997) Strategi (* 1998) Merowski (* 1997) Strategi (* 1998) - 1934 Merowski (* 1998) Strategi (* 1998) - 1934 Merowski (- 0 0
		utah wakaputah waji japan kwa pu 1997 19. A 1997 di A 1999, Akarawakaji 10. Arene Anto Adama ya			X (0 +1)	132 22/00/00/00/00/00/00/00/00/00/00/00/00/0	- 0 0
	(C + 100 + 200 + 200 + (C + 100 + 200 + 200 + (C + 100 + 200 + (C + 100 + 200 + (C + 100 +			Construction Co	× () () ()	13234/ministrational publicity - 1401 13234/ministrational publicity - 1401 13234/ministrational publicity - 1404 13334/ministrational publicity -	- 0 0
0 47 00000 10 10 10 10 10 10 10 10 10 10 10 10 10 1	C THE LEASE AND COMMENTS				× (j) +40	132 22/00/00/00/00/00/00/00/00/00/00/00/00/0	- 0 0
	Conservation C	ала на да а на учу у ули и трани у 1909 11. а 1. Кал и И. А. Ала, Панана на у 1. Кала 1. а 1. Кал и И. Ала, Панана на у 1. Кала и Панана 1. Кала и Панана и Па			 A Constant A Constant		- 0 0
					× () in the second seco		- 0 0
	Constant of the second se	Ale and a second			 A Constant A Constant		- 0 0
					× Constant C		- 0 0
					× Constant C		- 0 0
					× Constant C		- 0 0
	1 10 10 10 10 10 10 10 10 10 10 10 1	A A A A A A A A A A A A A A A A A A A			× Constant C	A PARAMAN AND AND AND AND AND AND AND AND AND A	- 0 0
					× Constant C		- 0 0
					X Diaman Control Contr		- 0 0
					X Dia Constant Dia Constant Constant Name of American Management M		- 0 0
					X De esp De esp Teners Nerrent Alternationa Alternation Alternat		- 0 0
					X Difference of the second sec		● + 0 + 1 0 + 1 0 + 1
					X De esp De esp Teners Nerrent Alternationa Alternation Alternat		- 0 0

n BPharmacy: III B.PHARM II SEM 🗙	+		-	٥	×
← → ♂ ŵ	① 172.1.22.245/moodle/mod/quiz/view.php?id=743	⊡ ☆	r	lii\ 🖸	□ 🖆
BPharmacy			You are logged in as Adn	nin User (Lo	ogout)
Home ► My courses ► BPharmac	y ► General ► …I SEM SEC- A & B(23.27-05-2022) - Pharmacology ► Info				
Navigation	III B.PHARM II SEM SEC- A & B(23.27-05-2022) - Pharmacology				
Home	Attempts allowed: 1				
 My home Site pages 	Time limit: 50 mins				
 My profile 	Attempts: 2				
 My courses 	Attempt quiz now				
 BPharmacy 					
Participants					
Reports					
▼ General					
₩ News forum 3-2 Sec-A (5-3-16)					
3-2 Sec-B (3-3-16)					
3-2 Sec-A (27-2-16)					
V Sec-A (27-02-16)					
IV Sec-B (26-02-16)					
3-2 Sec-A (20-2-16)		Activat	e Windows		
V Sec-B			ttings to activate W	indows.	
(19-02-16) → 3-2 Sec-B					~
Search the web and Wind	iows 💷 🛱 🔁 🚺 💿 🔚 🌀		🕼 🔌 🖫 ላ፡		2:25 AM /1/2022

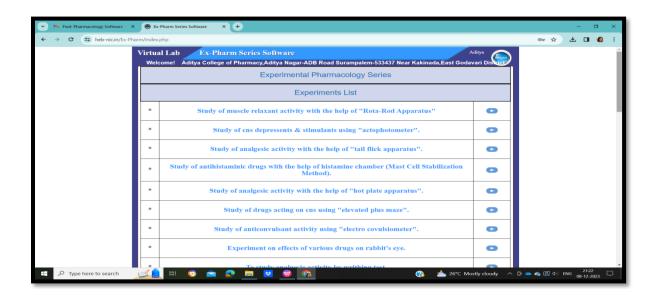
III B.PHARM II SEM SEC- A & B	× +			- 0 >
-) → C' @	① 172.1.	22.245/moodle/mod/quiz/review.php?attempt=9839	··· 🗵 🏠	III\ 🗊 🗄
3Pharmacy			You are logged i	in as Admin User (Logout)
lome ► My courses ► BPhar	macy ► General ► .	I SEM SEC- A & B(23.27-05-2022) - Pharmacology ► Preview		
Quiz navigation		od on Wednesday, 1 June 2022, 10:28 AM		
2 3 4 5 6		ed on Wednesday, 1 June 2022, 10:28 AM		
8 9 10 11 12		aken 28 secs		
		larks 0.00/50.00		
3 14 15 16 17 18	(irade 0.00 out of a maximum of 100.00		
9 20 21 22 23 24	Question 1	The drug which induces cough		
5 26 27 28 29 30	Not answered			
1 32 33 34 35 36	Marked out of 1.00	Select one:		
7 38 39 40 41 42	V Flag question	Oa. ACE inhibitors		
	K Edit question	Ob. All the above		
3 44 45 46 47 48		Oc. Amiodarone		
9 50		Od. β blockers.		
how all questions on one age inish review start a new preview		The correct answer is: All the above		
lavigation ⊡	Question 2	Sulfasalazine is used in		
ome	Not answered Marked out of 1.00	Select one:		
ome My home	V Flag question	Ca. Arthritis		
Site pages	Edit question	Ob. Both	Activate Windov	
My profile		Oc. Inflammatory bowel diarrohoea		
My courses		Cd. Diarrohoea		
Search the web and V	Windows	🗆 🖨 🧧 🍑 🖸 🔚 🚱		문 4× 📮 12:26 Al
Search the web and v				f u× ➡ 6/1/202

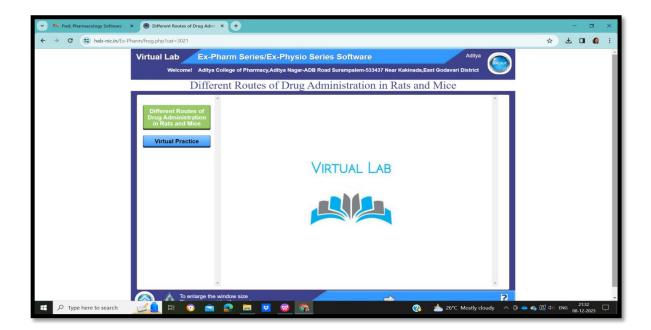
Moodle online test to evaluate his/her learning

7. Virtual Labs

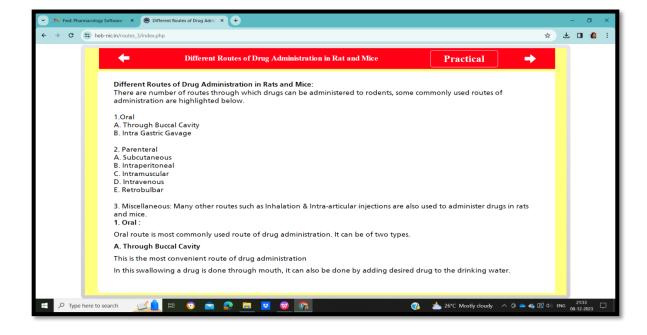


Sample showing Different routes of drug administration in rats and mice through virtual labs

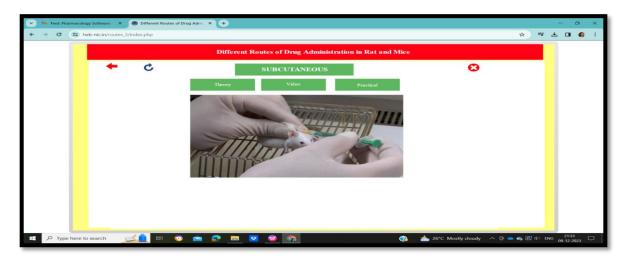


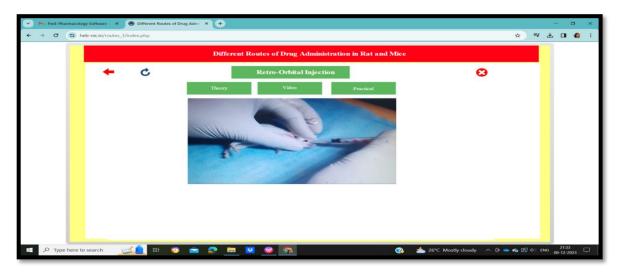


•	M P	wd: Pha	rmacolog	gy Software - 🗙	S Different Rout	es of Drug Admin 3	× +								-	٥	×
÷	\rightarrow	G	😑 he	-b-nic.in /routes_i	3/index.php									*	₹	•	1
							Different R	outes of Drug	Administratio	on in Rat and Mic	e						
							Theory			Practical							
	0				1 a 14									তা বাখ ব		21:32	
	0	Type	nere to	search	1 <u>1</u>	· 🖸 📄	😰 📃 🗵	<u> </u>		?) 🎦 26°C	Mostly cloudy	^ @ 👄 🐔	tes do) El	^{IG} 08-	21:32 12-2023	\Box





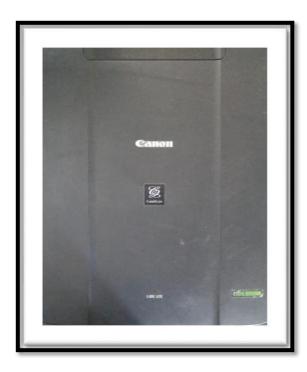






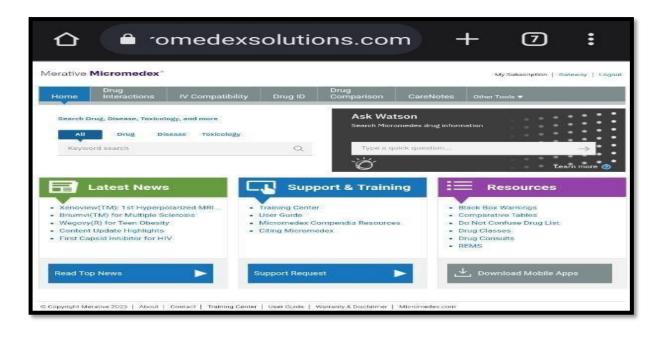
Scanners, printers and multi function copiers











Micromedex for Pharm D students

Instrumentation equipped with ICT tools



HPLC



UV-Visible Spectrophotometer



Infrared Spectroscopy



ADITYA COLLEGE OF PHARMACY

AdityaNagar, ADB Road, Surampalem–533437

Teachers using ICT for effective teaching with Learning,e-Learning Resources for the									
A.Y.2022-2023									
No. of Teachers	No.of Teachers	ICT tools and	No.of ICT enabled						
on roll	using ICT	Resources available	classrooms						
		LCD Projectors							
		Microsoft Teams							
43	43	Google meet	15						
		Google forms							
		Zoom							
		Webinars							
		Video lectures							