ADITYA
COLLEGE OF PHARMACY
Approved by AICTE & PCI – NEW DELHI, Affiliated to JNTUK KAKINADA
(Formerly known as Sri Sai Aditya Institute of Pharmaceutical Science & Research)
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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

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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.

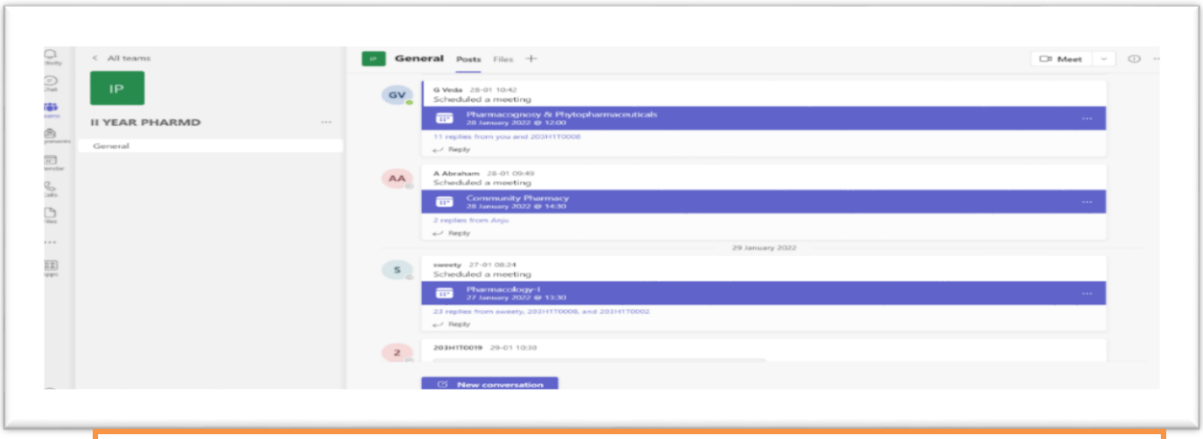
The seminar halls are fully furnished with a permanent acoustic seating arrangement, equipped with LCD projector facilities. Numerous education, motivation, Guest lectures, attention and awareness programs are given and were performed for uploading deliveries for instructional systems to the students.

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

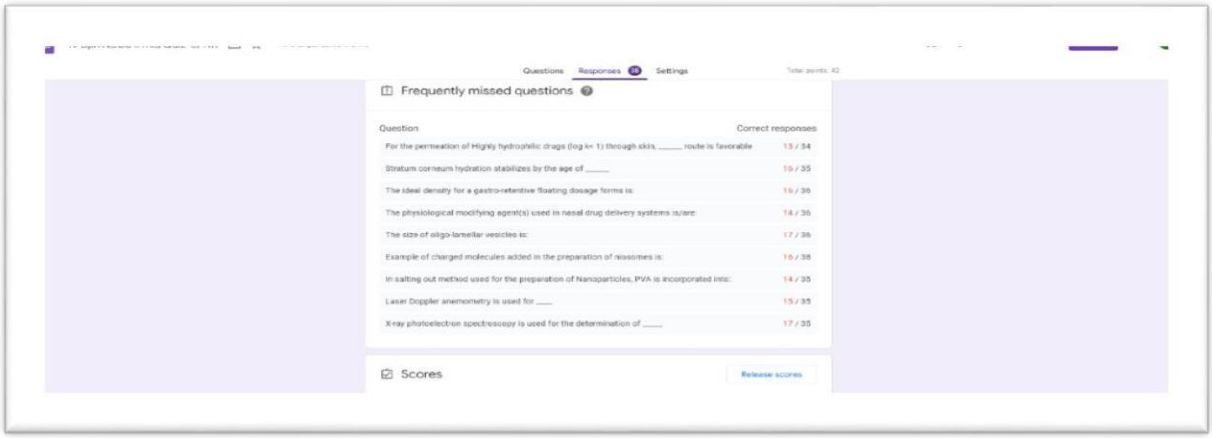
ICT tools used by the institution are given below:

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

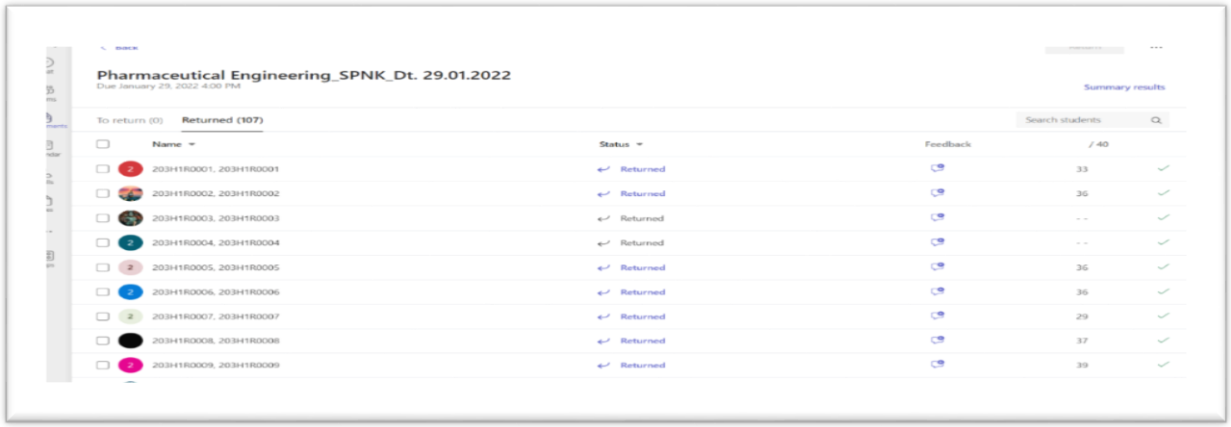
1. **Microsoft Teams UI for Online showing scheduled class of various subjects.**



Microsoft Teams UI for Online showing scheduled class of various subjects

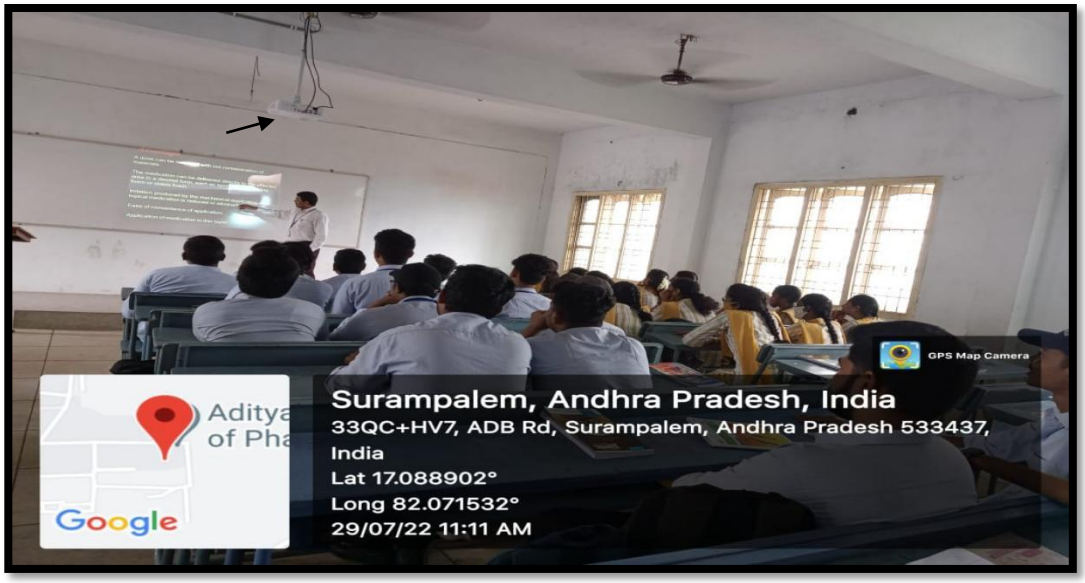


Microsoft Teams for conducting quiz



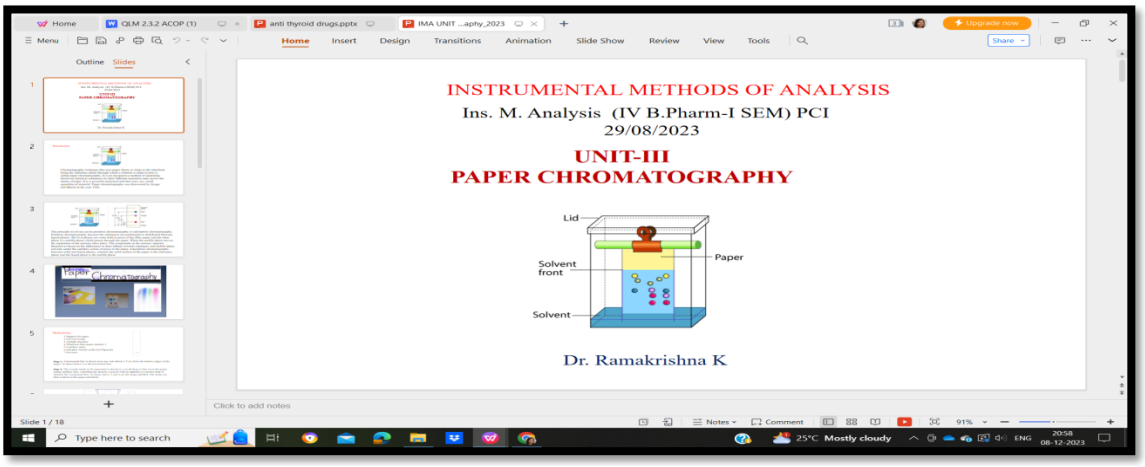
Microsoft Teams for conducting Assignments along with their marks scheduled

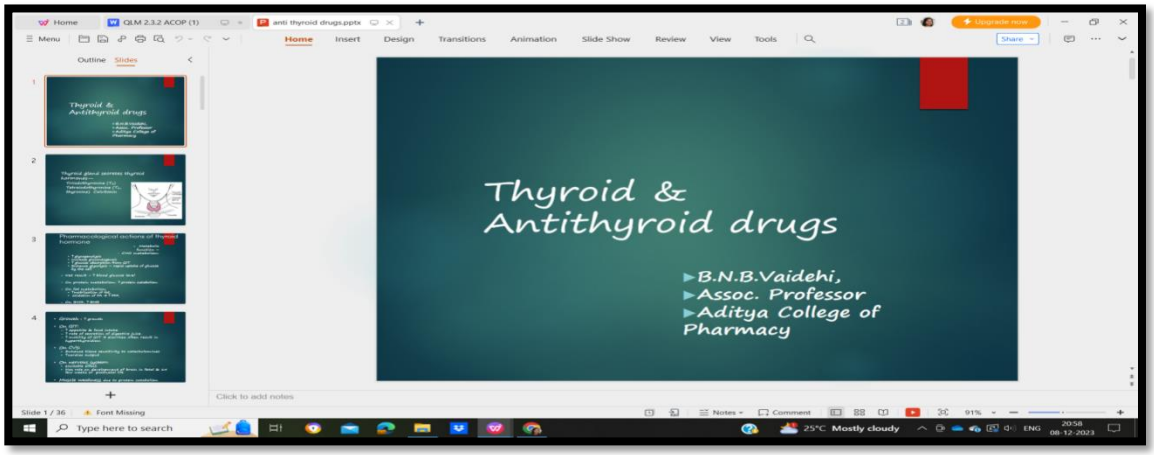
2. ICT Tools enabled classrooms and Seminar Halls

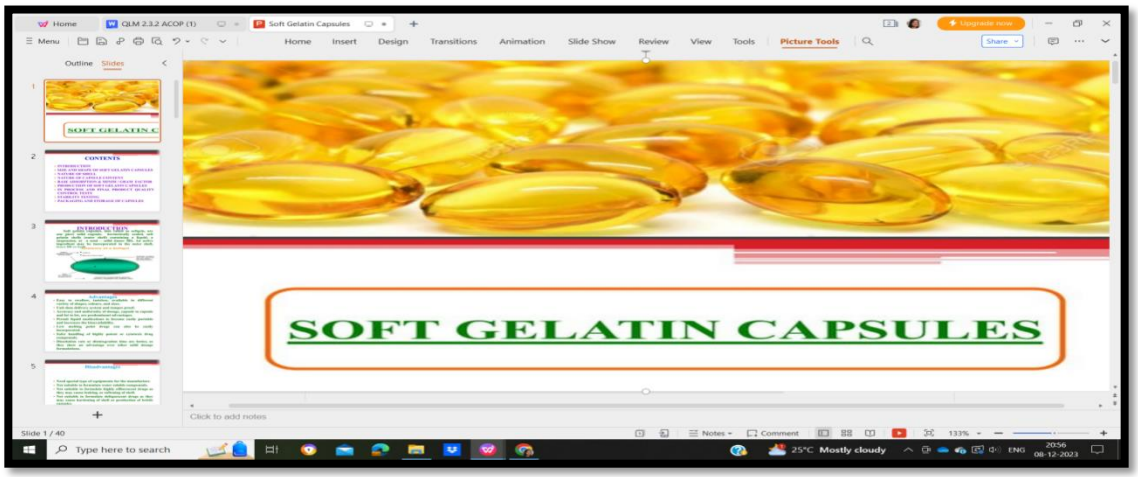


ICT Tools enabled classrooms for teaching-learning process

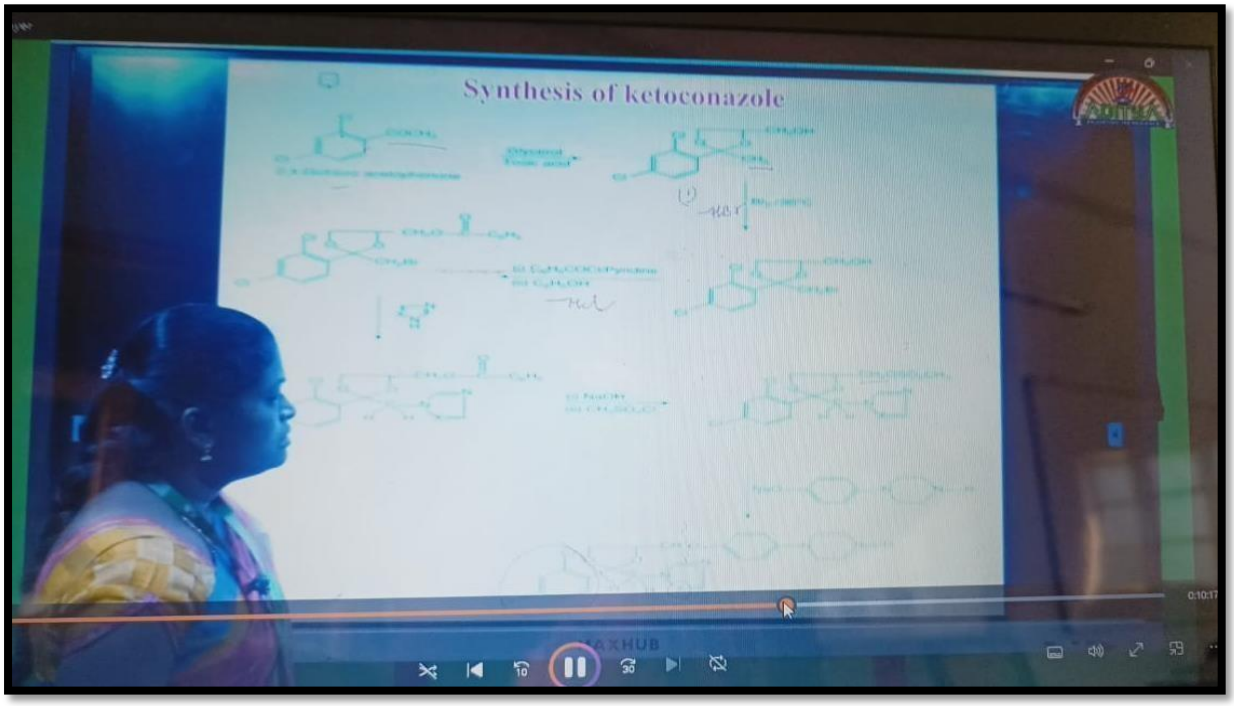
3. Power point presentations are used to teach classes with animations

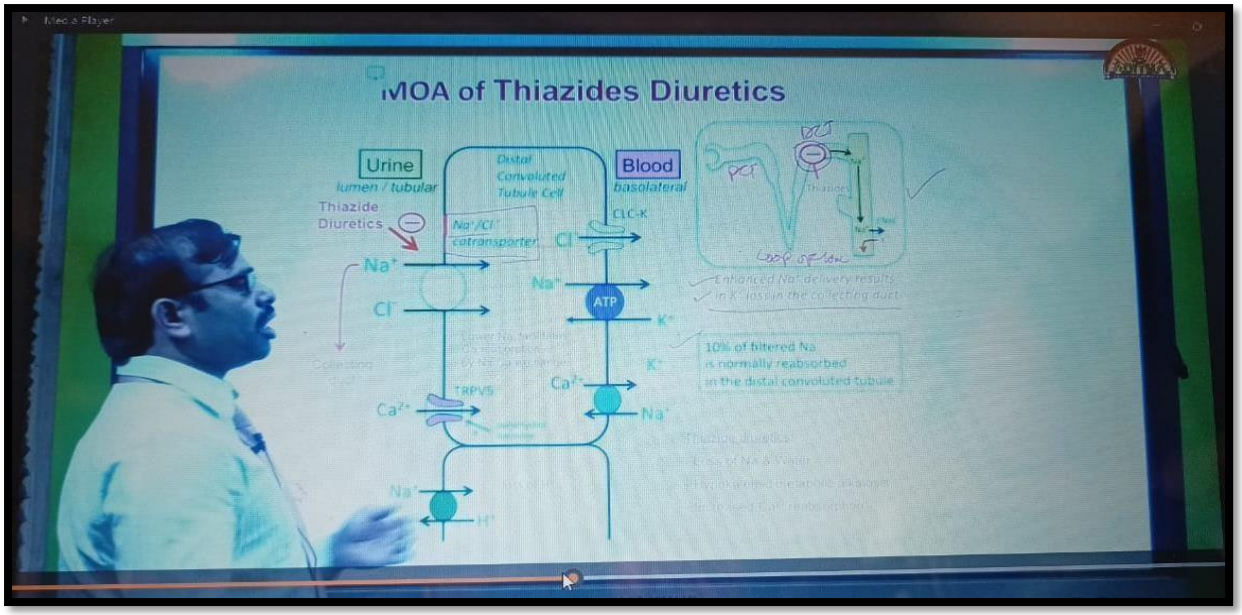






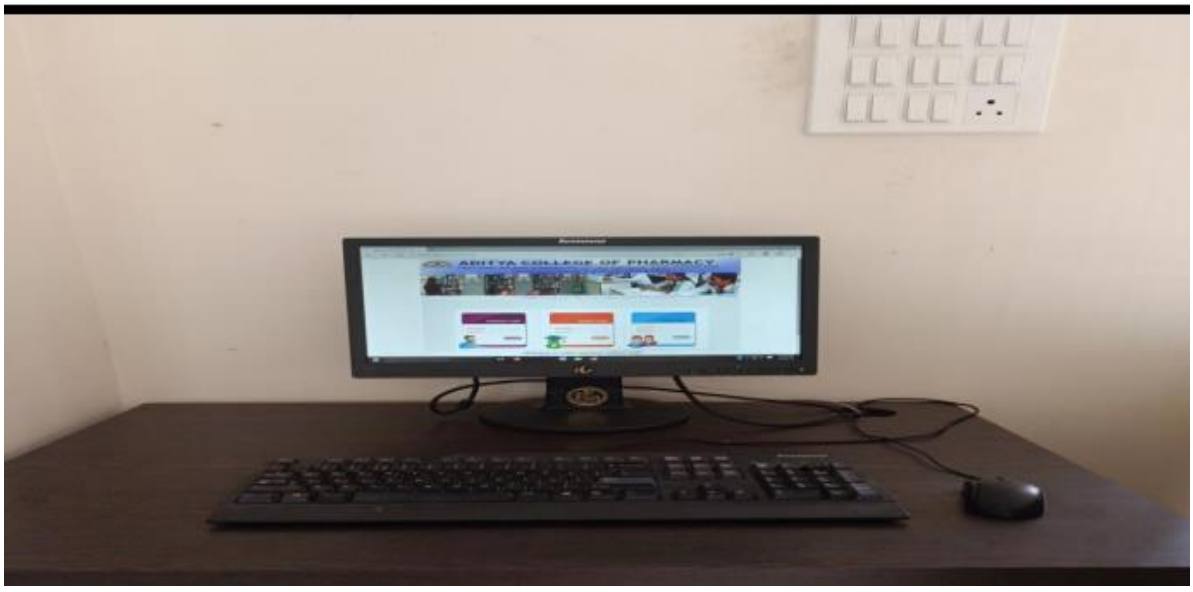
4. Recording Studio



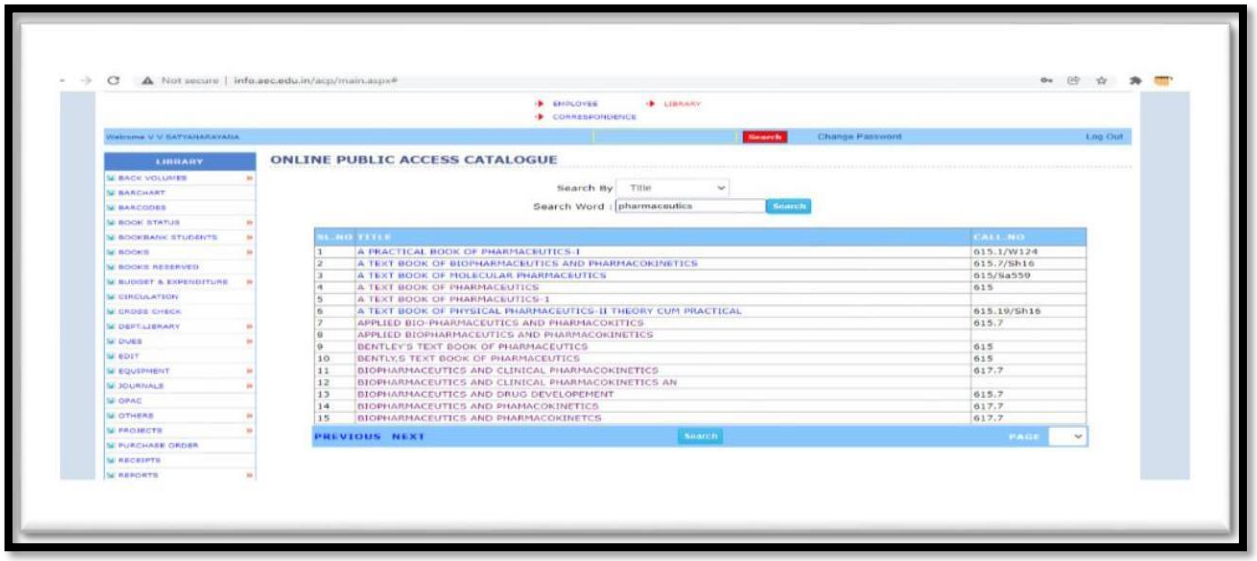


Recording Video lecture

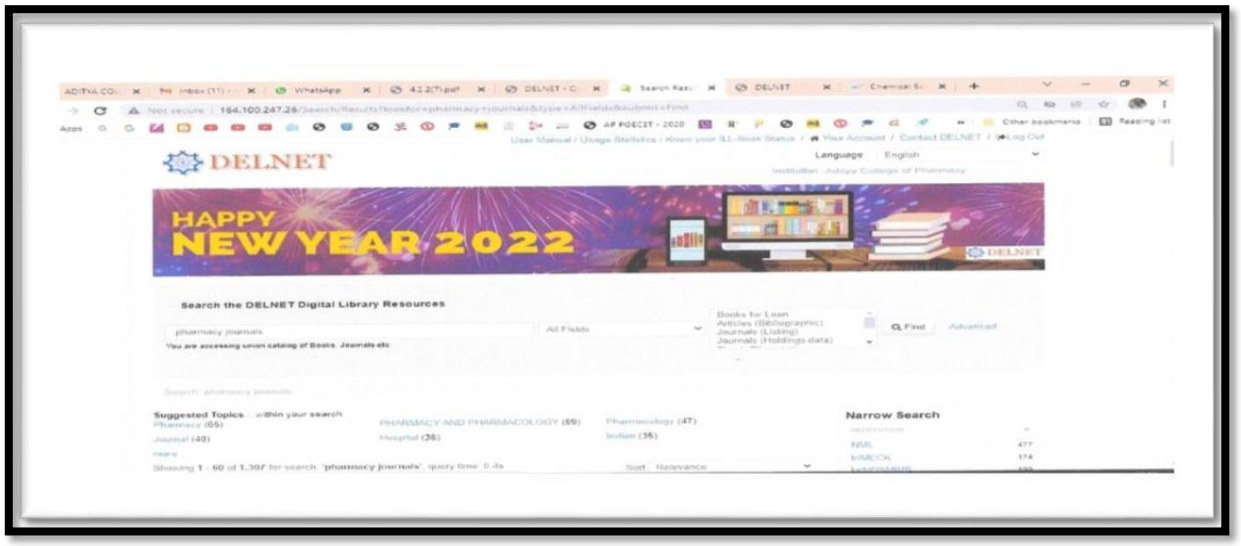
5. National Digital Library



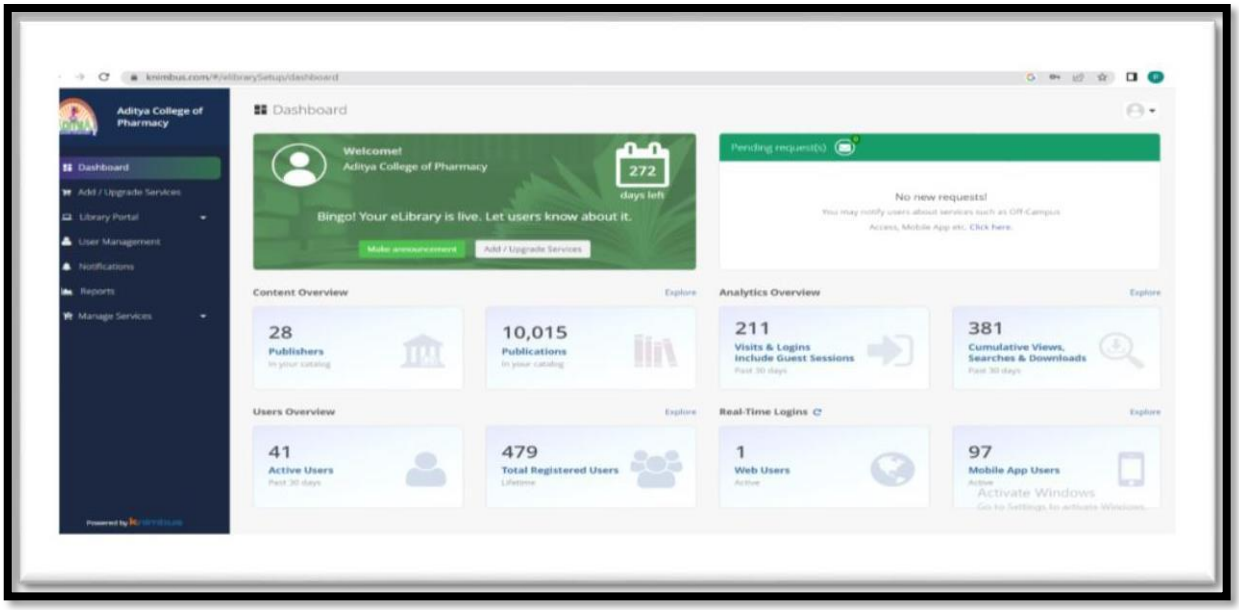
Digital Library


ONLINE PUBLIC ACCESS CATALOGUE
Search By
Title
Search Word
pharmaceutics
Search
SL.NO TITLE
CALL.NO
1 A PRACTICAL BOOK OF PHARMACEUTICS-I 615.1/W124
2 A TEXT BOOK OF BIOPHARMACEUTICS AND PHARMACOKINETICS 615.7/Sh16
3 A TEXT BOOK OF MOLECULAR PHARMACEUTICS 615/Sa559
4 A TEXT BOOK OF PHARMACEUTICS 615
5 A TEXT BOOK OF PHARMACEUTICS-1
6 A TEXT BOOK OF PHYSICAL PHARMACEUTICS-II THEORY CUM PRACTICAL 615.19/Sh16
7 APPLIED BIO-PHARMACEUTICS AND PHARMACOKITICS 615.7
8 APPLIED BIOPHARMACEUTICS AND PHARMACOKINETICS
9 BENTLEY'S TEXT BOOK OF PHARMACEUTICS 615
10 BENTLY,S TEXT BOOK OF PHARMACEUTICS 615
11 BIOPHARMACEUTICS AND CLINICAL PHARMACOKINETICS 617.7
12 BIOPHARMACEUTICS AND CLINICAL PHARMACOKINETICS AN
13 BIOPHARMACEUTICS AND DRUG DEVELOPEMENT 615.7
14 BIOPHARMACEUTICS AND PHAMACOKINETICS 617.7
15 BIOPHARMACEUTICS AND PHARMACOKINETCS 617.7
PREVIOUS NEXT
Search
PAGE

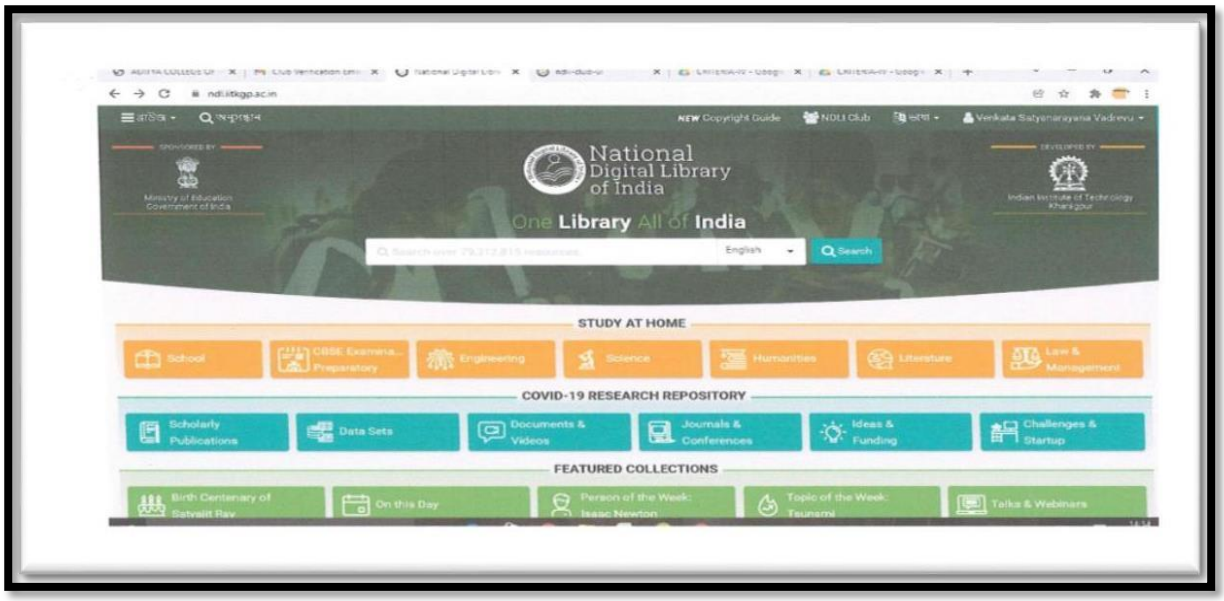
OPAC


DELNET
HAPPY
NEW YEAR 2022
Search the DELNET Digital Library Resources
Narrow Search

DELNET

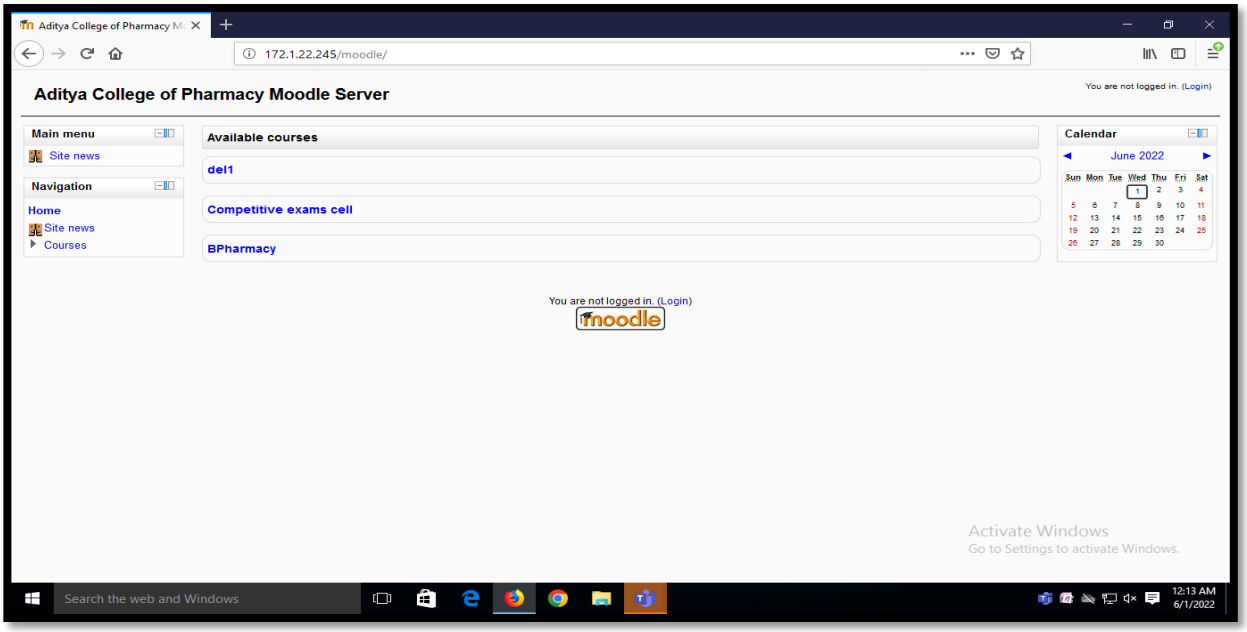

Aditya College of Pharmacy
Dashboard
Add / Upgrade Services
Library Portal
User Management
Notifications
Reports
Manage Services
Dashboard
Welcome!
Aditya College of Pharmacy
272
days left
Bingo! Your eLibrary is live. Let users know about it.
Make announcement
Add / Upgrade Services
Pending request(s)
No new requests!
Content Overview
Explore
28
Publishers
10,015
Publications
Analytics Overview
Explore
211
Visits & Logins
Include Guest Sessions
381
Cumulative Views, Searches & Downloads
Users Overview
Explore
41
Active Users
479
Total Registered Users
Real-Time Logins
Explore
1
Web Users
97
Mobile App Users
Activate Windows

KNIMBUS


National Digital Library of India
One Library All of India
Search
STUDY AT HOME
School
Engineering
Science
Humanities
Literature
COVID-19 RESEARCH REPOSITORY
Scholarly Publications
Data Sets
Documents & Videos
Journals & Conferences
Ideas & Funding
Challenges & Startup
FEATURED COLLECTIONS
On this Day
Talks & Webinars

NDL

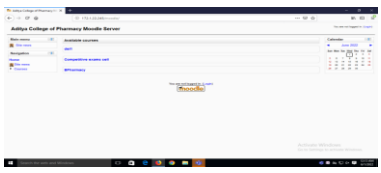
6. Moodle server for conducting various exams online

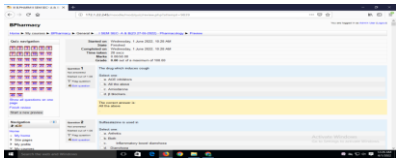


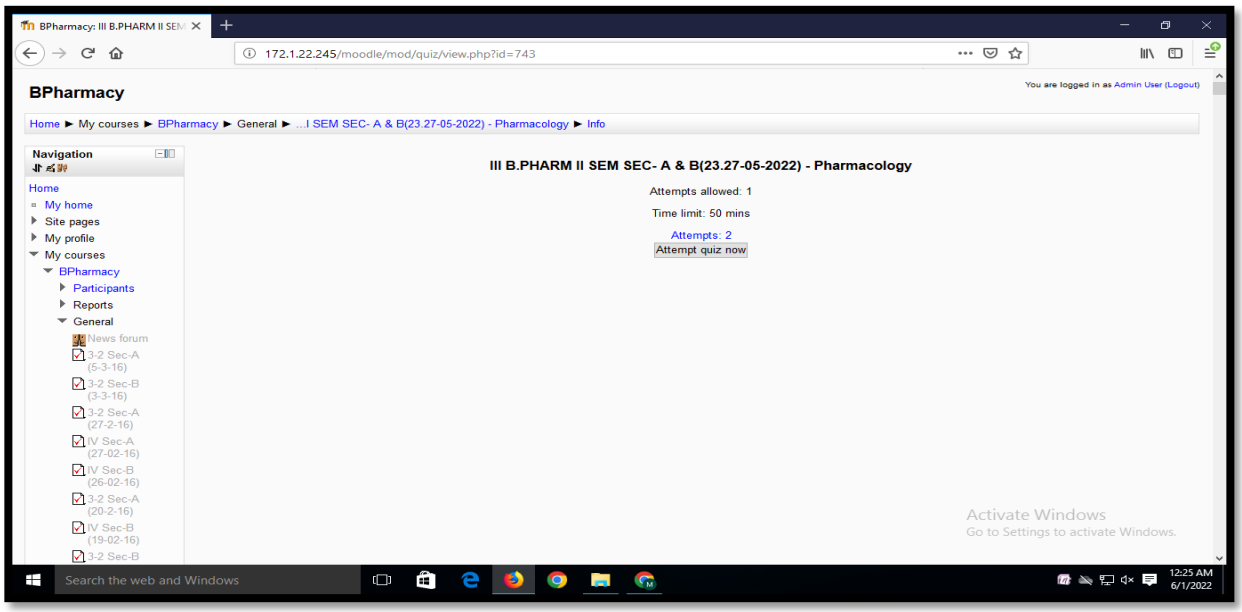
Moodle server showing different classes of various subjects

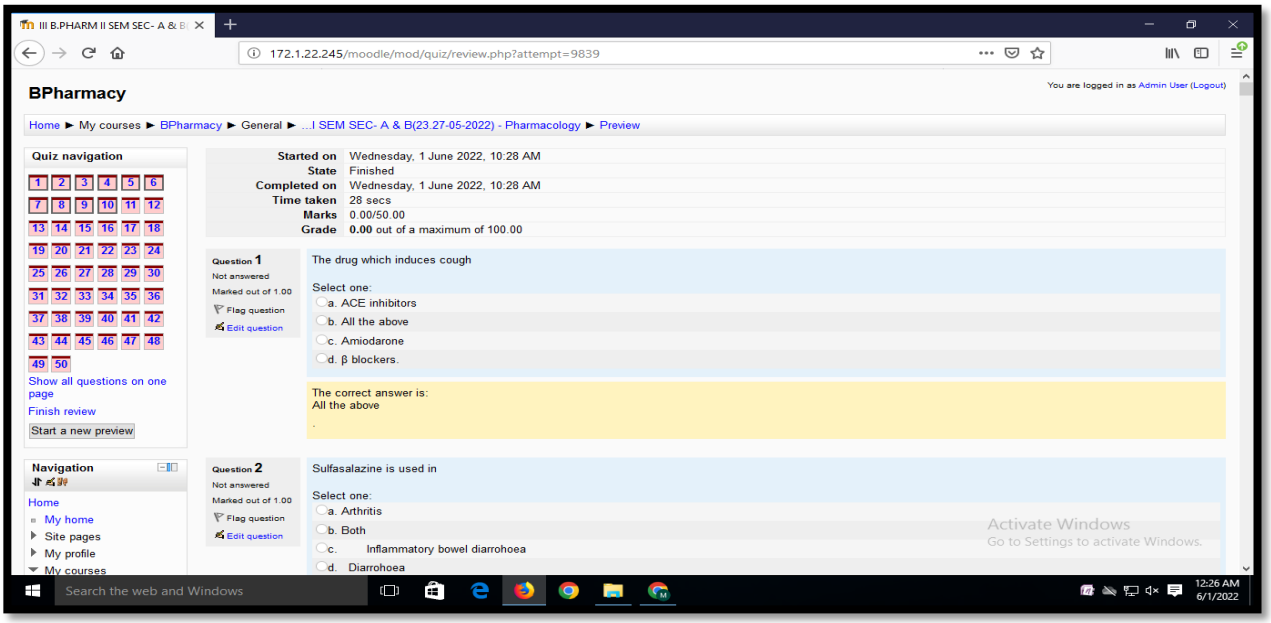
Moodle for competitive exams coaching
Moodle User guide

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 questions
4. 4. Submit and check for Grades





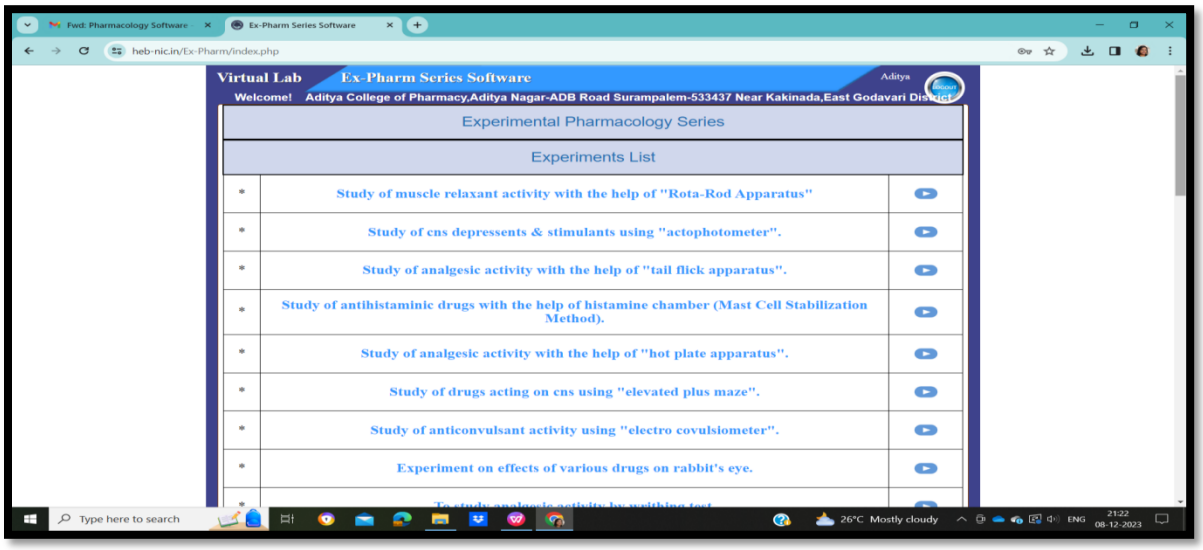


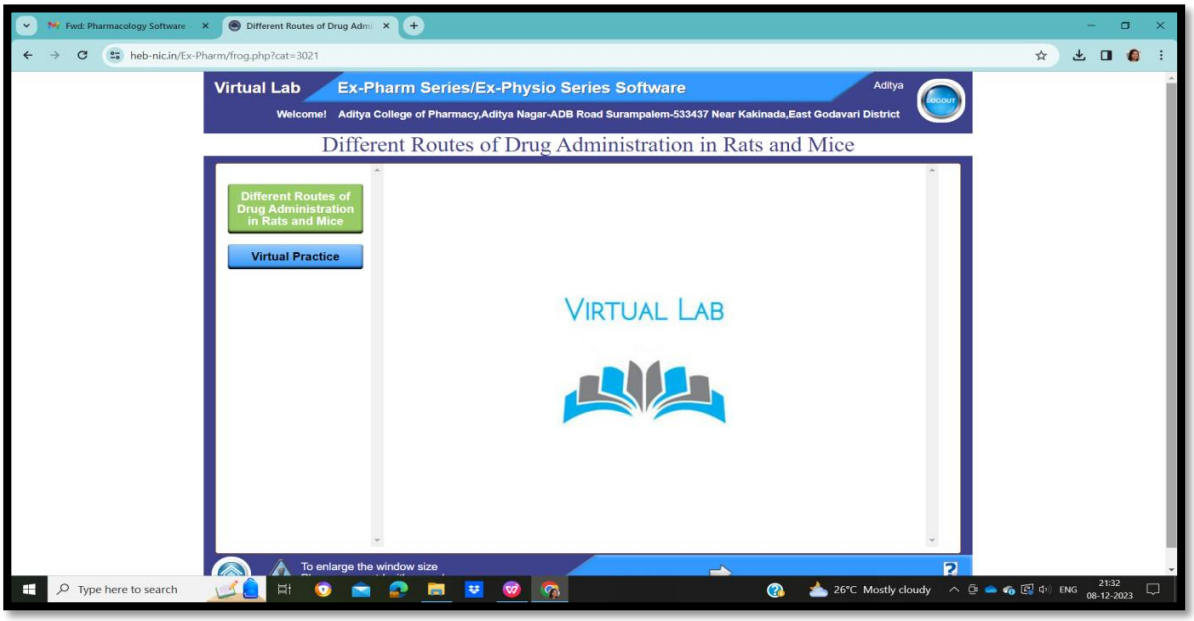


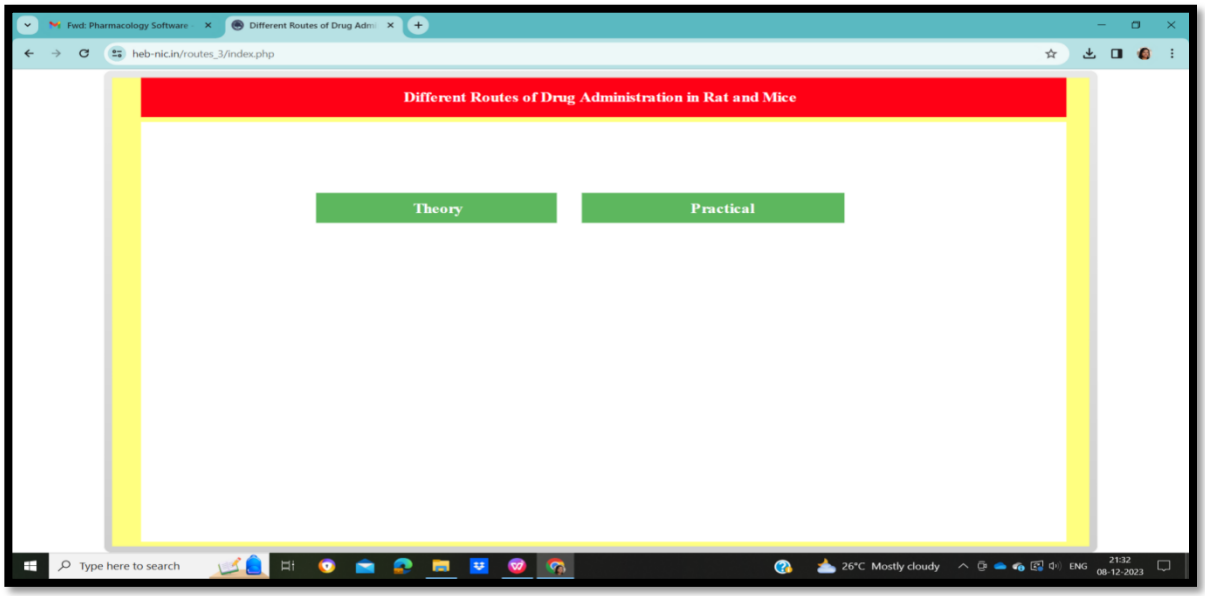
Moodle online test to evaluate his/her learning

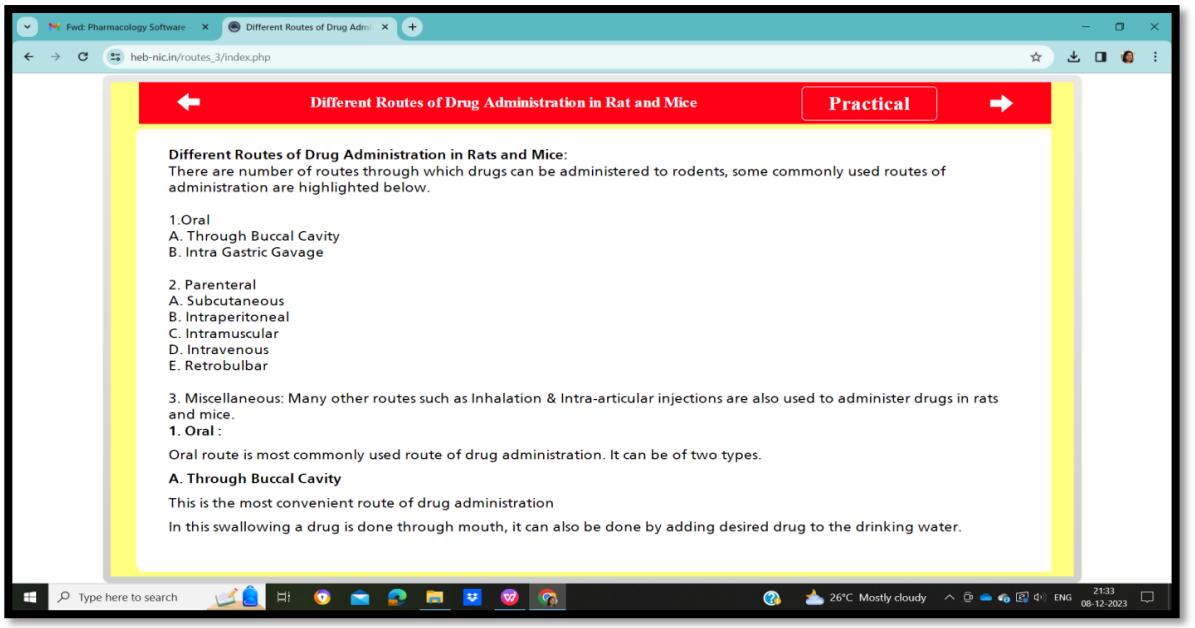
7. Virtual Labs

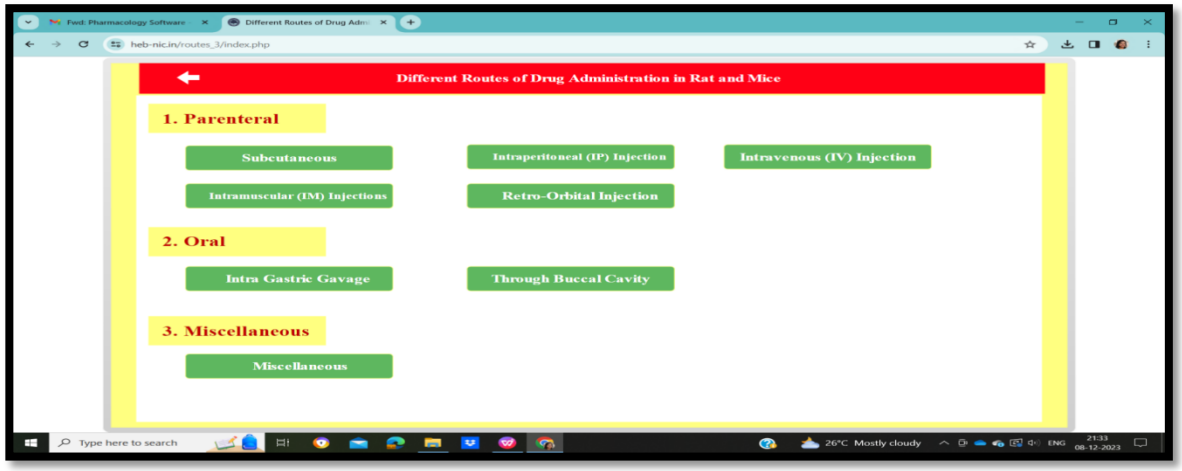
Sample showing Different routes of drug administration in rats and mice through virtual labs

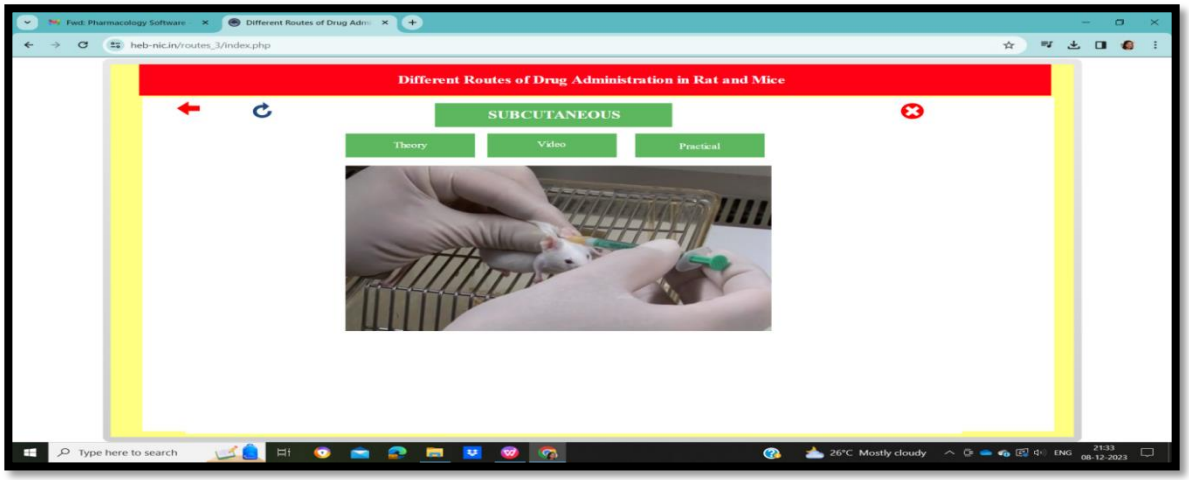


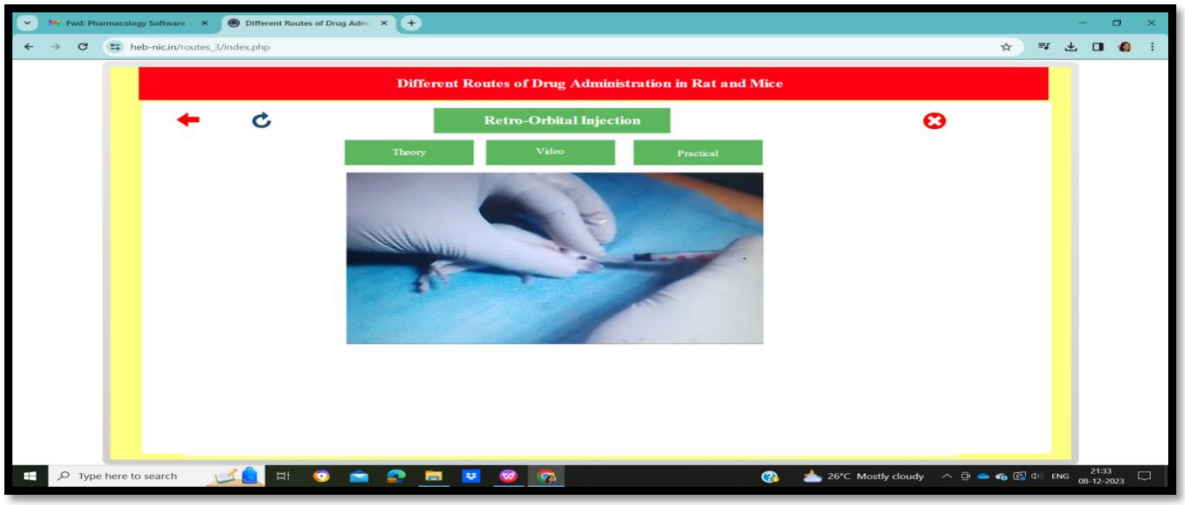



Fwd: Pharmacology Software
Different Routes of Drug Adm
heb-nic.in/routes_3/index.php
Different Routes of Drug Administration in Rat and Mice
Theory
Practical
Type here to search
26°C Mostly cloudy
ENG
21:32
08-12-2023


Fwd: Pharmacology Software
Different Routes of Drug Adm
heb-nic.in/routes_3/index.php
Different Routes of Drug Administration in Rat and Mice
Practical
Different Routes of Drug Administration in Rats and Mice:
There are number of routes through which drugs can be administered to rodents, some commonly used routes of administration are highlighted below.
1.Oral
A. Through Buccal Cavity
B. Intra Gastric Gavage
2. Parenteral
A. Subcutaneous
B. Intraperitoneal
C. Intramuscular
D. Intravenous
E. Retrobulbar
3. Miscellaneous: Many other routes such as Inhalation & Intra-articular injections are also used to administer drugs in rats and mice.
1. Oral :
Oral route is most commonly used route of drug administration. It can be of two types.
A. Through Buccal Cavity
This is the most convenient route of drug administration
In this swallowing a drug is done through mouth, it can also be done by adding desired drug to the drinking water.
Type here to search
26°C Mostly cloudy
ENG
21:33
08-12-2023


Different Routes of Drug Administration in Rat and Mice
1. Parenteral
Subcutaneous
Intraperitoneal (IP) Injection
Intravenous (IV) Injection
Intramuscular (IM) Injections
Retro-Orbital Injection
2. Oral
Intra Gastric Gavage
Through Buccal Cavity
3. Miscellaneous
Miscellaneous


Different Routes of Drug Administration in Rat and Mice
SUBCUTANEOUS
Theory
Video
Practical

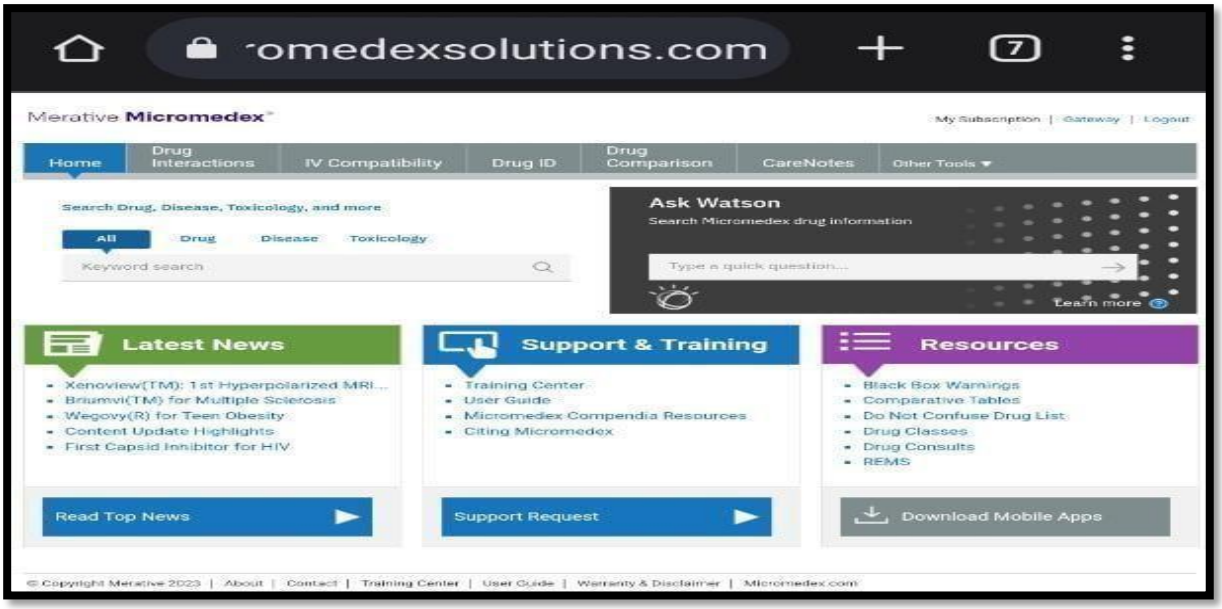

Different Routes of Drug Administration in Rat and Mice
Retro-Orbital Injection
Theory
Video
Practical

Scanners, printers and multi function copiers

EPSON
M1170

Canon

e-cap



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 on roll	No.of Teachers using ICT	ICT tools and Resources available	No.of ICT enabled classrooms
43	43	LCD Projectors Microsoft Teams Google meet Google forms Zoom Webinars Video lectures	15