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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.

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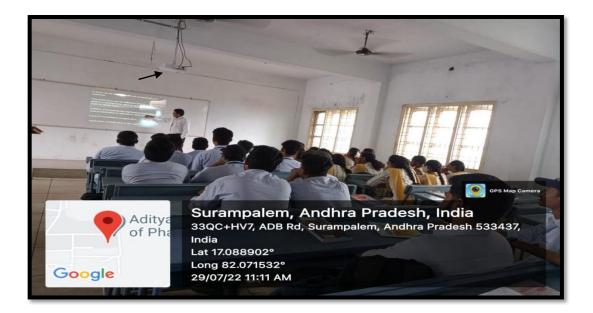
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Microsoft Teams for conducting quiz

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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

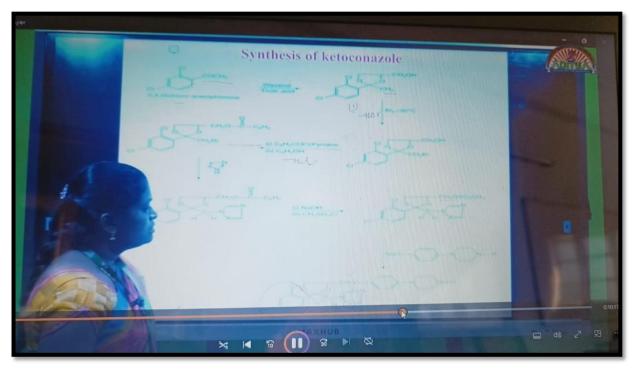
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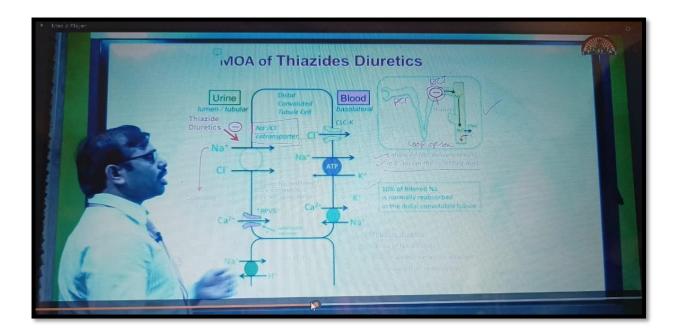




3. Power point presentations are used to teach classes with animations

4. Recording Studio

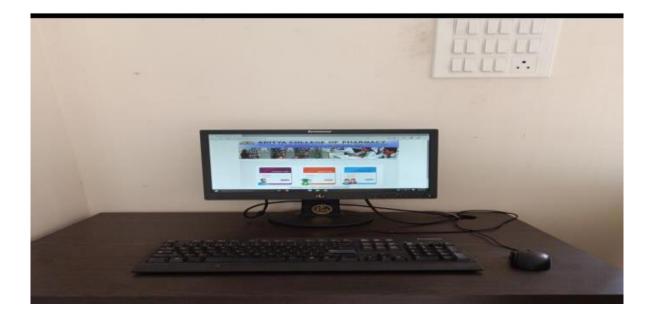




Recording Video lecture

5. National Digital Library

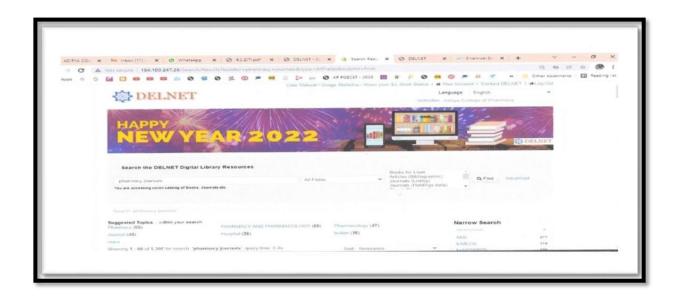




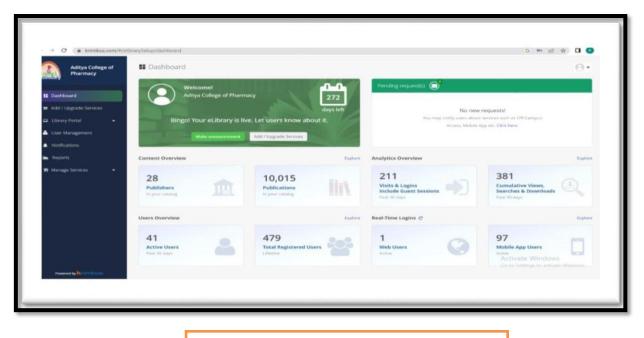
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6. Moodle server for conducting various exams online

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Moodle server showing different classes of various subjects

Moodle for competitive exams coaching Moodle User guide

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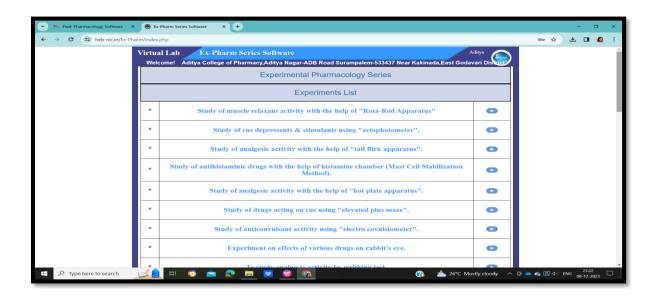
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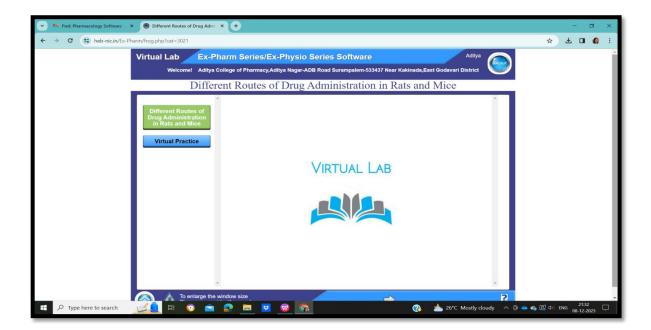
Moodle online test to evaluate his/her learning

7. Virtual Labs

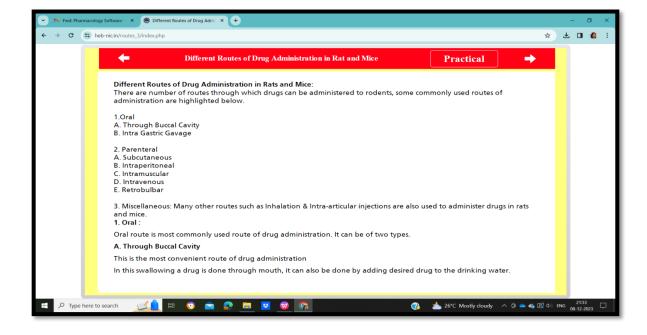


Sample showing Different routes of drug administration in rats and mice through virtual labs

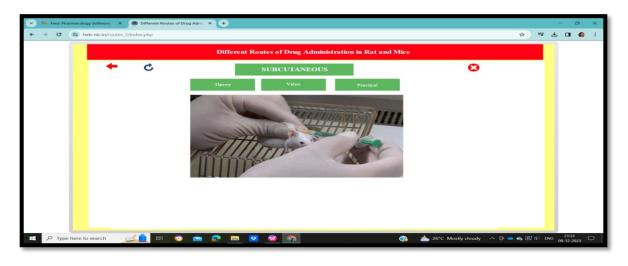


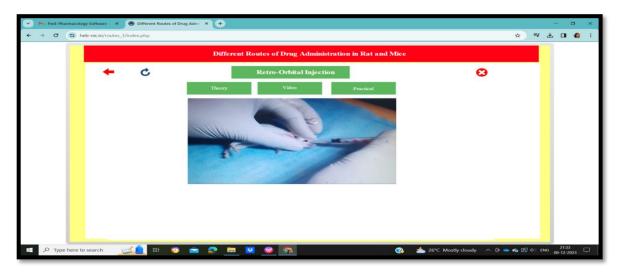


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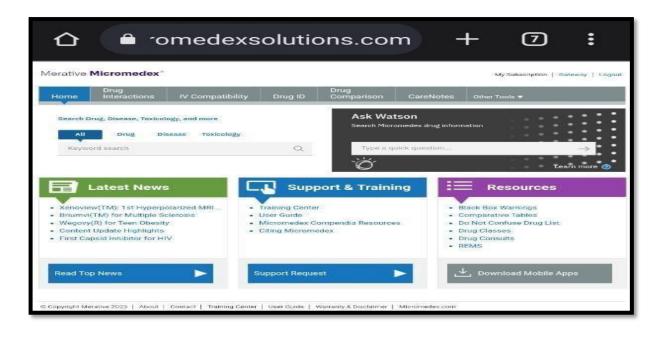
Scanners, printers and multi function copiers











Micromedex for Pharm D students

Instrumentation equipped with ICT tools



HPLC



UV-Visible Spectrophotometer



Infrared Spectroscopy



ADITYA COLLEGE OF PHARMACY

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