



Teaching-learning methods adopted by the faculty members include Lecture Method, Interactive Method, Project-based Learning, Computer-assisted Learning, Experiential Learning, etc. The Teaching-learning activities are made effective through illustration and special lectures. Lessons are taught through PowerPoint presentations to make learning interesting besides oral presenting methods.

In order to support the faculty to make learning more students centric, the following support structure is available:

- Expert video lectures delivered by senior faculty members and eminent resource persons from other premier Institutes are maintained.
- Mentoring and orientation sessions by senior faculty members.

In order to help faculty, implement their innovative plans regarding teaching learning the following facilities is provided by the institute:

- Subscription to Del Net, j-gate , national and international Journals
- Experiential learning through industrial visits, Internships and project works
- Collaborative learning through lab exercises
- Seminar and interactive approach
- The Institute is a Wi-Fi enabled campus. It enables faculty and students to use internet facility in class rooms, labs
- A copy of lecture notes, study material, project dissertations, and Hand outs are made available in the library

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Lecture note

Stereoisomerism

Dr. Nihar Ranjan Das
Avanathi Institute of Pharmaceutical Sciences

- Isomers are different compounds having same molecular formula
- The two major classes of isomers are **constitutional isomers** and **stereoisomers**
 - **Constitutional isomers** have different IUPAC names, the same or different functional groups, different physical properties and different chemical properties
 - **Stereoisomers** differ only in the way the atoms are oriented in space. They have identical IUPAC names (except for a prefix like cis or trans). They always have the same functional groups!
- A particular three-dimensional arrangement is called a **conformation**.
- Some isomers differ in configuration.

Mucosal Drug Delivery System

R. MANJUNATH
Avanathi Institute of Pharmaceutical Sciences

What is Mucosal drug delivery system?

- Mucosal drug delivery system interact with the mucous layer covering the mucosal epithelial surface. A major objective is to increase the residence time of the dosage form at the site of the absorption.
- Mucosal drug delivery system is a part of controlled delivery system.

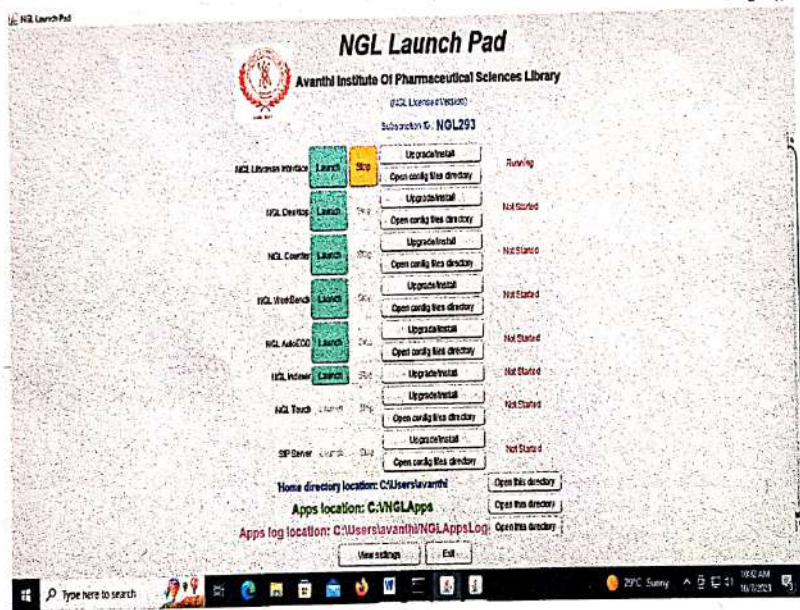
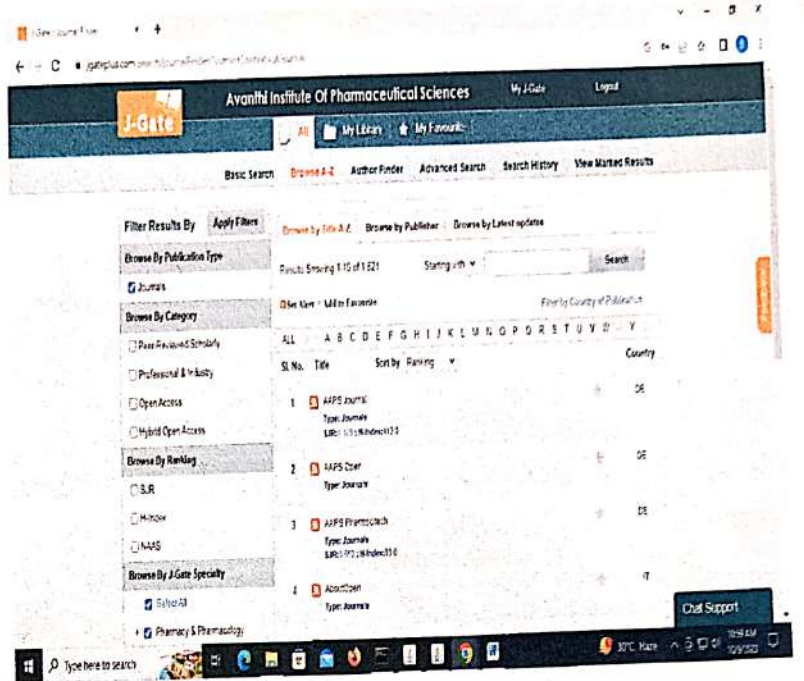
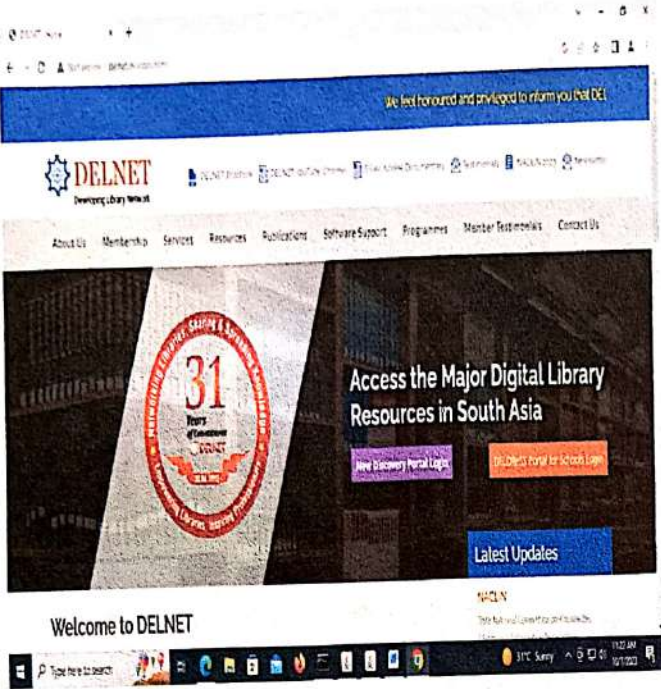
Interactive session

The screenshot shows a Zoom meeting interface. On the left, there is a grid of participant thumbnails. On the right, there is a 'Participants (98)' list. The list includes the following names and IDs:

- Sai Kiran
- Naga Raju Kanduko...
- Dr. KARTHIK RAKAM
- 15GN1T 0009
- k 16GN1 T0020
- 16GN1T0012
- 17GN1R0003 (A. SaiPriya)
- 17GN1R0004 AmreenSultana
- 17GN1R0006 RAMESH B

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DIGITAL LIBRARY

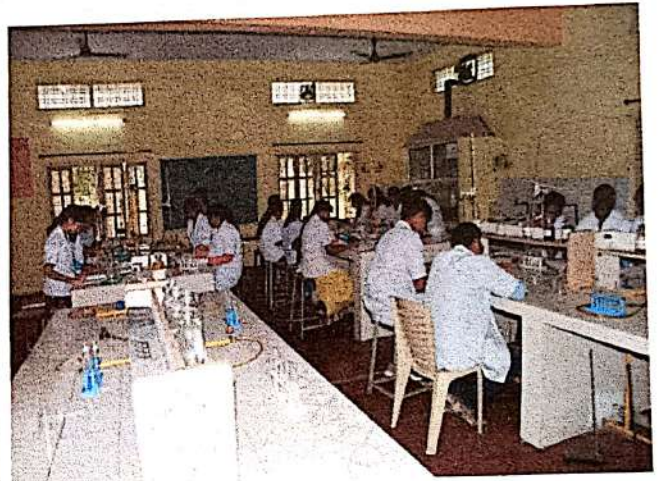



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VISUAL LEARNING



EXPERIMENTAL LEARNING & LABORATORY SESSION




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