



# NRI COLLEGE OF PHARMACY

(Run by Sri Durga Malleswari Educational Society)

(Approved by AICTE & PCI - New Delhi:: Affiliated to JNTUK, Kakinada)

Pothavarappadu (V), (Via) Nunna, Agiripalli (M), Krishna District, A.P., Pin: 521 212, cell: 9394686868

Teachers in institutions like NRI College of Pharmacy can utilize ICT (Information and Communication Technology) tools to enhance the teaching-learning process effectively. Below are some ways ICT-enabled tools can support and improve education in pharmacy programs:

## 1. Interactive Presentations and E-Lectures

Tools: PowerPoint, Google Slides.

Application: Teachers can use engaging slides with animations, videos, and infographics to explain complex pharmaceutical concepts like drug formulations, pharmacokinetics, and clinical pathways.

## 2. Learning Management Systems (LMS)

Tools: Google Classroom, Blackboard, Canvas

Application: LMS platforms can facilitate sharing of resources, assignments, and quizzes. Teachers can track students' progress and provide timely feedback.

## 3. Virtual Labs and Simulation Tools

Tools: Labster, ChemCollective, Virtual Pharmacology Labs

Application: Pharmacy students can conduct experiments in a virtual environment, simulating drug interactions, molecular modeling, and chemical reactions, which reduces dependency on physical lab resources.

## 4. Online Assessment Tools

Tools: Kahoot, Quizizz, Socrative

Application: Teachers can create interactive quizzes and polls to test students' understanding of topics in real-time, making the process engaging and analytical.

## 5. Video Conferencing and Lecture Recording

Tools: Zoom, Microsoft Teams, Google Meet

Application: Teachers can deliver live classes or record lectures for students to revisit, especially useful for advanced topics or revision.

## 6. E-Library and Resource Sharing

Tools: PubMed, ScienceDirect, ResearchGate

Application: Provide students access to research articles, journals, and books related to pharmacy and healthcare.

## 7. Animation and Visualization Tools

Tools: Blender, ChemDraw, 3D Molecular Viewer

Application: Teachers can visually demonstrate molecular structures, mechanisms of action, and other pharmaceutical concepts.

#### 8. Collaborative Tools

Tools: Google Docs, Padlet, Trello

Application: Facilitates group projects and collaborative learning where students can work on case studies and research projects together.

#### 9. Gamification of Learning

Tools: Classcraft, Gametize

Application: Teachers can turn learning into a game format to make complex subjects fun and easier to understand.

#### 10. AI-Based Personalized Learning

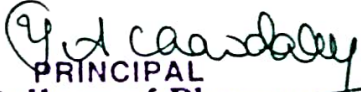
Tools: Coursera, Khan Academy, Duolingo (for language-specific learning in pharmacy)

Application: AI-powered platforms can identify learning gaps and offer tailored content for students.

Advantages of Using ICT in NRI College of Pharmacy:

1. Enhanced Engagement: Interactive tools capture students' attention and make learning enjoyable.
2. Accessibility: Enables students to access content anytime, anywhere.
3. Efficiency: Automates administrative tasks, leaving more time for teaching.
4. Practical Exposure: Virtual simulations provide hands-on learning without physical constraints.
5. Global Perspective: Access to international resources and collaboration opportunities.

By integrating these tools into the curriculum, NRI College of Pharmacy can stay at the forefront of modern education, equipping students with essential skills and knowledge in an innovative and engaging way.

  
PRINCIPAL  
NRI College of Pharmacy  
POTHAVARAPPADU (V)  
Agiripalli (M), Krishna District

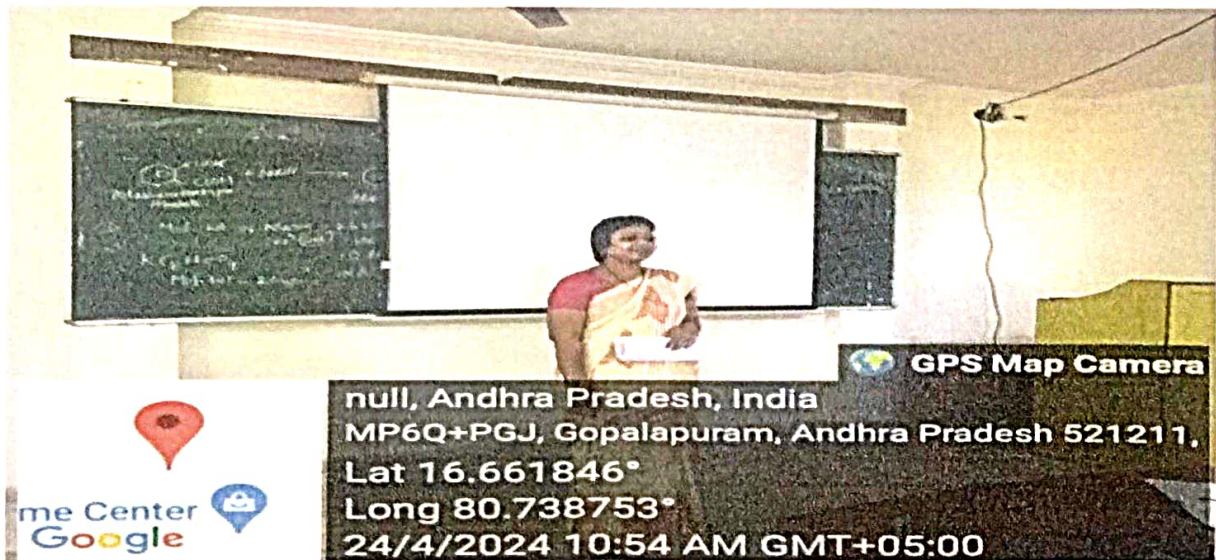
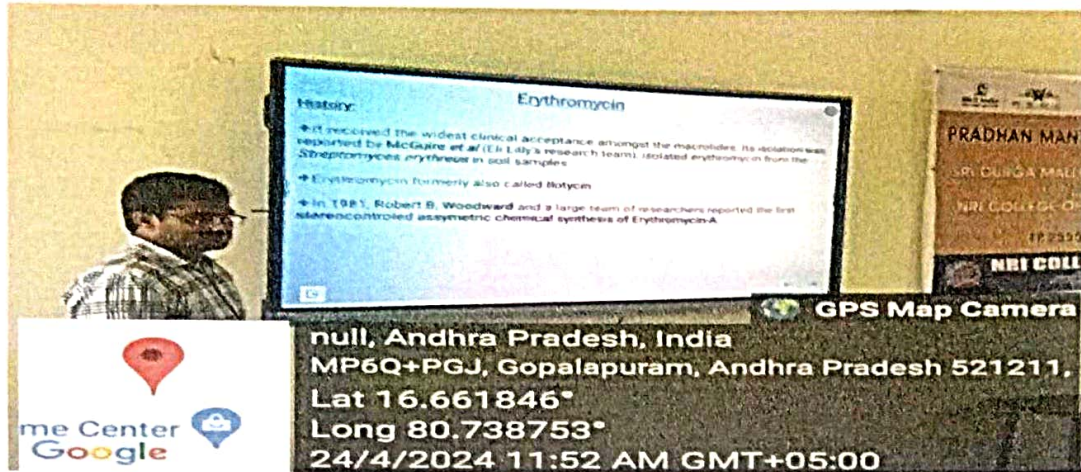


# NRI COLLEGE OF PHARMACY

(Run by Sri Durga Malleswari Educational Society)

(Approved by AICTE & PCI - New Delhi:: Affiliated to JNTUK, Kakinada)

Pothavarappadu (V), (Via) Nunna, Agiripalli (M), Krishna District, A.P., Pin: 521 212, cell: 9394686868



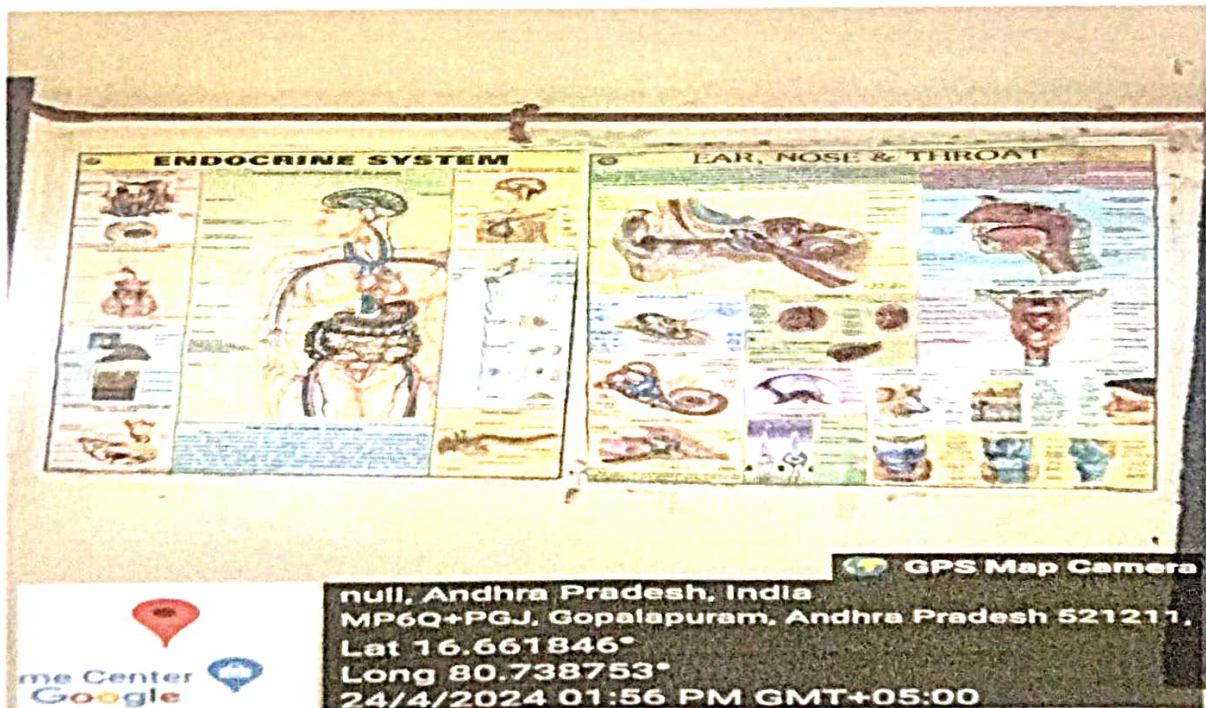
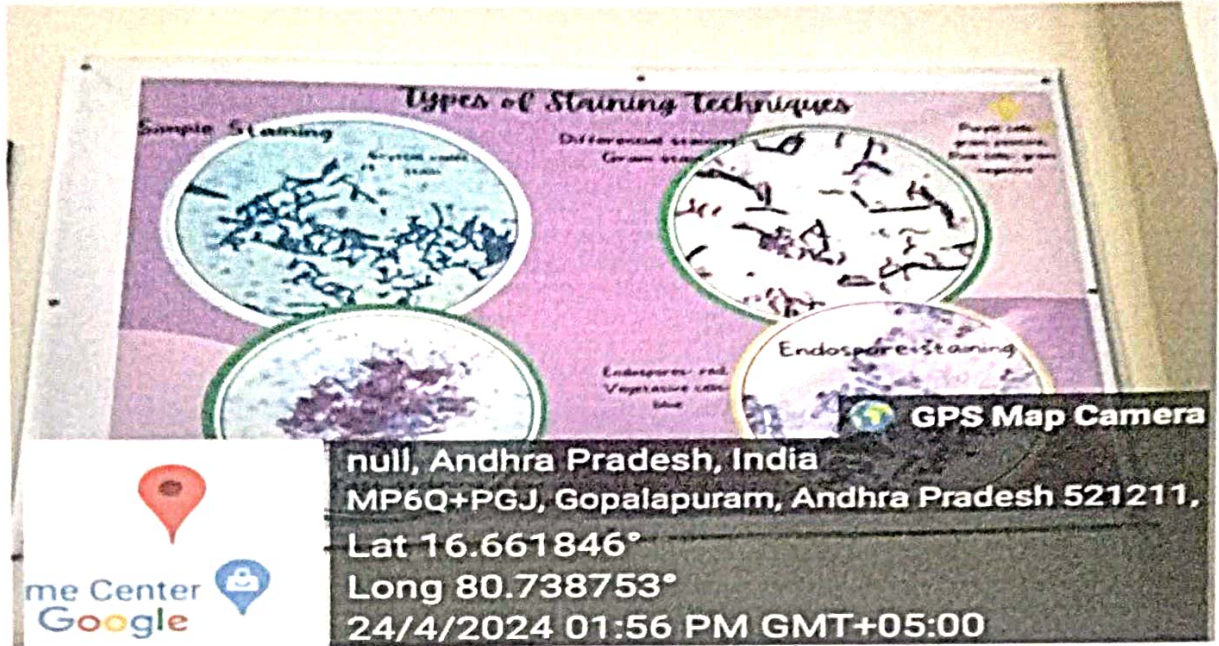


# NRI COLLEGE OF PHARMACY

(Run by Sri Durga Malleswari Educational Society)

(Approved by AICTE & PCI - New Delhi: Affiliated to JNTUK, Kakinada)

Pothavarappadu (V), (Via) Nunna, Agiripalli (M), Krishna District, A.P., Pin: 521 212, cell: 9394686868





# NRI COLLEGE OF PHARMACY

(Run by Sri Durga Malleswari Educational Society)

(Approved by AICTE & PCI - New Delhi: Affiliated to JNTUK, Kakinada)

Pothavarappadu (V), (Via) Nunna, Agiripalli (M), Krishna District, A.P., Pin: 521 212, cell: 9394686868

**JOINTS OF HUMAN BODY**

A joint (also called an articulation or suture) is a point of contact between two bones, between bone and cartilage or between bone and teeth. Joints are classified structurally as fibrous joints, cartilaginous joints and synovial joints. This classification is based on two criteria:

- The substances or substances of a given nature.
- The type of connection between the bones that form the joint.

The functional classification of joints relates to the degree of movement they permit. Functional joints are classified as synovial (diarthrodial joints), amphiarthrodial (a slightly movable joint) and diarthrodial (a freely movable joint).

**SYNOVIAL JOINT**  
Character: Annot

**ARTS OF FIBROUS JOINTS**

- Gomphosis
- Synspondylosis

**ARTS OF CARTILAGINOUS JOINTS**

- Symphysis
- Epiphyseal
- Intervertebral

**GPS Map Camera**

null, Andhra Pradesh, India  
 MP6Q+PGJ, Gopalapuram, Andhra Pradesh 521211.  
 Lat 16.661846°  
 Long 80.738753°  
 24/4/2024 01:56 PM GMT+05:00

*P. D. Chowdary*  
 PRINCIPAL  
 NRI College of Pharmacy  
 POTHAVARAPPADU (V)  
 Agiripalli (M), Krishna District