



GODAVARI FOUNDATION'S

# DR. ULHAS PATIL MEDICAL COLLEGE & HOSPITAL

Recognized by National Medical Commission, Approved by Central Govt. of India, New Delhi,  
Letter no. MCI-34(41)/2012-med./158127, dated 05/02/2013

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**NAAC ACCREDITED**

**Date: -16-07-2025**

## 2.3.3 Details of ICT-enabled tools used for teaching and learning

1. Learning Management Systems (LMS): Used to manage, deliver, and track educational content.

Examples: Moodle, Google Classroom, Canvas, Blackboard

Functions: Assignments, quizzes, discussions, grading, resource sharing

2. Virtual Classrooms / Video Conferencing Tools: Enable real-time, interactive teaching sessions.

Examples: Zoom, Microsoft Teams, Google Meet, Webex

Features: Live lectures, screen sharing, breakout rooms, recording sessions

3. Multimedia Tools: Help make lessons more engaging through audio-visual content.

Examples: PowerPoint, Prezi, Canva, Animoto

Usage: Video lessons, infographics, animations, concept presentations

4. Educational Apps and Platforms: Support interactive and personalized learning.

Examples: Khan Academy, BYJU'S, Coursera, Edmodo, Quizlet

Features: Video tutorials, practice tests, flashcards, gamified learning

5. Assessment Tools: Used for formative and summative evaluation.

Examples: Google Forms, Kahoot!, Socrative, Mentimeter

Functions: MCQs, polls, surveys, interactive quizzes

6. Digital Content Libraries and e-Resources: Provide access to quality educational materials.

Examples: NPTEL, SWAYAM, National Digital Library of India (NDLI), e-PG Pathshala

Content: Lectures, e-books, research articles, course module

7. Interactive Whiteboards and Smart Boards: Used for dynamic, visual teaching.

Brands: SMART Board, Promethean, BenQ

Features: Touchscreen interaction, drawing tools, multimedia integration

8. Online Collaboration Tools: Facilitate group projects, peer learning, and shared content creation.

Examples: Google Docs/Slides/Sheets, Padlet, Jamboard, Trello

Uses: Real-time collaboration, brainstorming, project management

9. Simulations and Virtual Labs: Used especially in science and engineering subjects.

Examples: PhET Interactive Simulations, Labster, OLABs


Purpose: Safe and cost-effective hands-on practice

10. Communication Tools: Keep students and teachers connected.

Examples: WhatsApp, Telegram, Remind

Uses: Announcements, doubt clarification, group discussions



  
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