



ICT TOOLS OF TEACHING

LEARN | CREATE | ASSESS | EMPOWER



1 Learning Management System (LMS)

Platforms used to manage, deliver and track learning.



Moodle



Google Classroom



Canvas



Blackboard



Microsoft Teams



MANAGE
DELIVER
TRACK
LEARN

Uses:

Course content, assignments, attendance, grading, progress tracking.

2 Presentation & Content Creation Tools

Used to create and present digital learning materials.



PowerPoint



Canva



Prezi



POWTOON
Powtoon



Genially



CREATE
DESIGN
PRESENT
ENGAGE

Uses:

Presentations, infographics, animations, visual lessons.

3 Online Assessment Tools

Used for quizzes, tests and instant feedback.



Google Forms



Kahoot!



Quizizz



Socrative



Mentimeter



ASSESS
EVALUATE
FEEDBACK
IMPROVE

Uses:

Formative assessment, quizzes, polls, feedback.

Smart Tools for Better Teaching

MASTER THE NOTES? TAKE THE QUIZ



ICT TOOLS OF TEACHING

CONNECT | COLLABORATE | EXPERIENCE

TECHNOLOGY
ENRICHES
TEACHING
AND
LEARNING

4

Video Conferencing Tools

Used for synchronous online teaching.



Zoom



Google
Meet



Microsoft
Teams



Cisco
Webex

Uses:

- Virtual classes
- Webinars
- Discussions
- Screen sharing

5

Collaboration & Communication Tools

Used for interaction and collaborative learning.



Google
Docs



Google
Drive



Padlet



Slack



Discussion
Forums

Uses:

- Group projects
- Brainstorming
- File sharing
- Peer interaction

6

Virtual Labs & Simulation Tools

Provide experiential learning in a virtual environment.



PhET



Labster



Virtual Labs
(MoE)

Uses:

- Experiments
- Simulations
- Practical learning

Empowering Educators for a Digital Future

MASTER THE NOTES? TAKE THE QUIZ



ICT TOOLS OF TEACHING

EXPLORE | ENGAGE | ENABLE | EMPOWER

Technology
Enriches
Teaching
and
Learning

7 Digital Libraries & Educational Resources

Provide digital access to learning and research materials.



e-PG
Pathshala

e-PG
Pathshala



SWAYAM



NPTEL



National Digital
Library of India
(NDLI)



DIKSHA

Uses:

- E-content
- Lectures
- E-books
- Courses
- Research resources

8 Gamification Tools

Use game elements to increase engagement and motivation.



Quizlet

Quizlet



Duolingo



Classcraft

Uses:

- Points
- Badges
- Challenges
- Interactive learning

9 Video & Multimedia Tools

Used to create, edit and share instructional videos.



YouTube



Edpuzzle



OBS Studio



Screen
recording tools

Uses:

- Flipped classroom
- Demonstrations
- Recorded lectures

10 AI-Based Teaching Tools

Used to support personalized and interactive learning.



AI tutors /
chatbots



Generative
AI tools



Automated
feedback tools



Adaptive
learning systems

Uses:

- Content generation
- Personalized support
- Feedback
- Question creation



Digital Tools | Deeper Learning | Brighter Futures



MASTER THE NOTES? TAKE THE QUIZ



ICT TOOLS OF TEACHING

LEARN | CREATE | COLLABORATE | GROW

*Technology
Enriches
Teaching
and
Learning*

ICT Tool		Main Function
1	 LMS	Manage learning
2	 Presentation Tools	Create & present content
3	 Assessment Tools	Test & provide feedback
4	 Video Conferencing	Online live teaching
5	 Collaboration Tools	Group interaction
6	 Virtual Labs	Experiential learning
7	 Digital Libraries	Access resources
8	 Gamification	Motivation & engagement
9	 Multimedia Tools	Video-based learning
10	 AI Tools	Personalised learning & support



SMART TOOLS | BRIGHTER LEARNERS | STRONGER TOMORROW



MASTER THE NOTES? TAKE THE QUIZ