

Introduction

ICT (Information and Communication Technology) tools can significantly enhance teaching and learning by fostering engagement, collaboration, and personalized learning. Here are ICT tools for education categorized by their uses:

1. Content Delivery and Presentation

- **PowerPoint Alternatives:** Prezi, Canva Presentations, Google Slides.
- **Interactive Whiteboards:** SMART Board, Jam board, Miro.
- **Screen Recording and Video Lessons:** Screencast-O-Matic, Loom, OBS Studio.
- **Video Platforms:** YouTube, Vimeo, Edpuzzle (for interactive video lessons).

2. Learning Management Systems (LMS)

- **Google Classroom:** For managing assignments, sharing resources, and grading.
- **Moodle:** A highly customizable LMS for courses, quizzes, and forums.
- **Edmodo:** For teacher-student communication and resource sharing.
- **Blackboard:** Robust LMS for higher education institutions.

3. Collaboration Tools

- **Google Workspace:** Docs, Sheets, and Slides for real-time collaboration.
- **Microsoft Teams:** Integrated platform for meetings, file sharing, and collaboration.
- **Padlet:** A collaborative virtual bulletin board.
- **Flip (formerly Flipgrid):** Students create and share video responses.

4. Interactive Learning and Assessment

- **Kahoot!:** Engaging quizzes and polls.
- **Mentimeter:** Real-time polls, quizzes, and Q&A.
- **Quizizz:** Self-paced gamified quizzes.
- **Nearpod:** Interactive lessons with embedded quizzes, videos, and polls.
- **Socrative:** Quick formative assessments and quizzes.

5. Content Creation and Visualization

- **Canva:** For creating infographics, posters, and presentations.
- **Powtoon/Animaker:** Tools for making animated videos.
- **MindMeister:** Online mind mapping tool.
- **Thinglink:** For interactive images and videos.

6. Digital Classrooms and Communication

- **Zoom/Google Meet/Microsoft Teams:** For live online teaching.
- **ClassDojo:** For communication, behavior tracking, and classroom management.
- **Remind:** Communication app for sending updates to students and parents.

7. Subject-Specific Tools

- **Mathematics:** GeoGebra, Desmos (graphing tools).
- **Science:** PhET Interactive Simulations, Labster (virtual labs).
- **Languages:** Duolingo, Quizlet, LingQ.

8. Gamification in Learning

- **Minecraft: Education Edition:** For problem-solving and creativity.
- **Classcraft:** Role-playing game for classroom management.
- **Prodigy:** Math learning through a role-playing game.

9. Assistive Technology for Inclusive Education

- **Text-to-Speech:** NaturalReader, Kurzweil.
- **Speech-to-Text:** Google Docs Voice Typing, Dragon NaturallySpeaking.
- **Accessibility Tools:** Microsoft Immersive Reader, Grammarly.

10. Analytics and Feedback

- **Google Forms/Microsoft Forms:** For surveys and quizzes.
- **Plickers:** Quick feedback using printed cards.
- **Classkick:** Track and provide real-time feedback on student work.

ICT Facilities in Govt. Degree College for Women Kathua CLASSROOM NO. 01



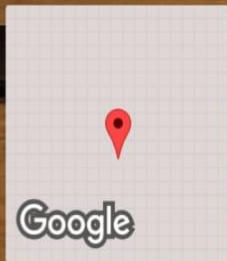
CLASSROOM NO. 02



CLASSROOM NO. 3



CLASSROOM NO. 4



Kathua
9gc7+6rf, Kathua, 184101
Lat 32.370149° Long 75.514933°
02/12/24 12:37 PM GMT +05:30

 GPS Map Camera

CLASSROOM NO. 5



Kathua
9gc7+6rf, Kathua, 184101
Lat 32.370149° Long 75.514933°
02/12/24 12:40 PM GMT +05:30

CLASSROOM NO. 6



Kathua
9gc7+6rf, Kathua, 184101
Lat 32.370149° Long 75.514933°
02/12/24 12:39 PM GMT +05:30


GPS Map Camera

BROWSING CENTRE



KYAN PROJECTOR IN MULTIPURPOSE HALL



 GPS Map Camera



Kathua
9gc7+6rf, Kathua, 184101
Lat 32.370149° Long 75.514933°
02/12/24 01:38 PM GMT +05:30

BOTANY LAB.




 **GPS Map Camera**
Kathua
9gc7+6rf, Kathua, 184101
Lat 32.370149° Long 75.514933°
02/12/24 12:22 PM GMT +05:30

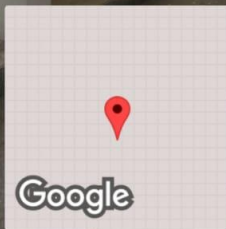
COMPUTER LAB



ZOOLOGY LAB.



 GPS Map Camera



Kathua
9gc7+6rf, Kathua, 184101
Lat 32.370149° Long 75.514933°
02/12/24 12:25 PM GMT +05:30

HOME SCIENCE LAB.

