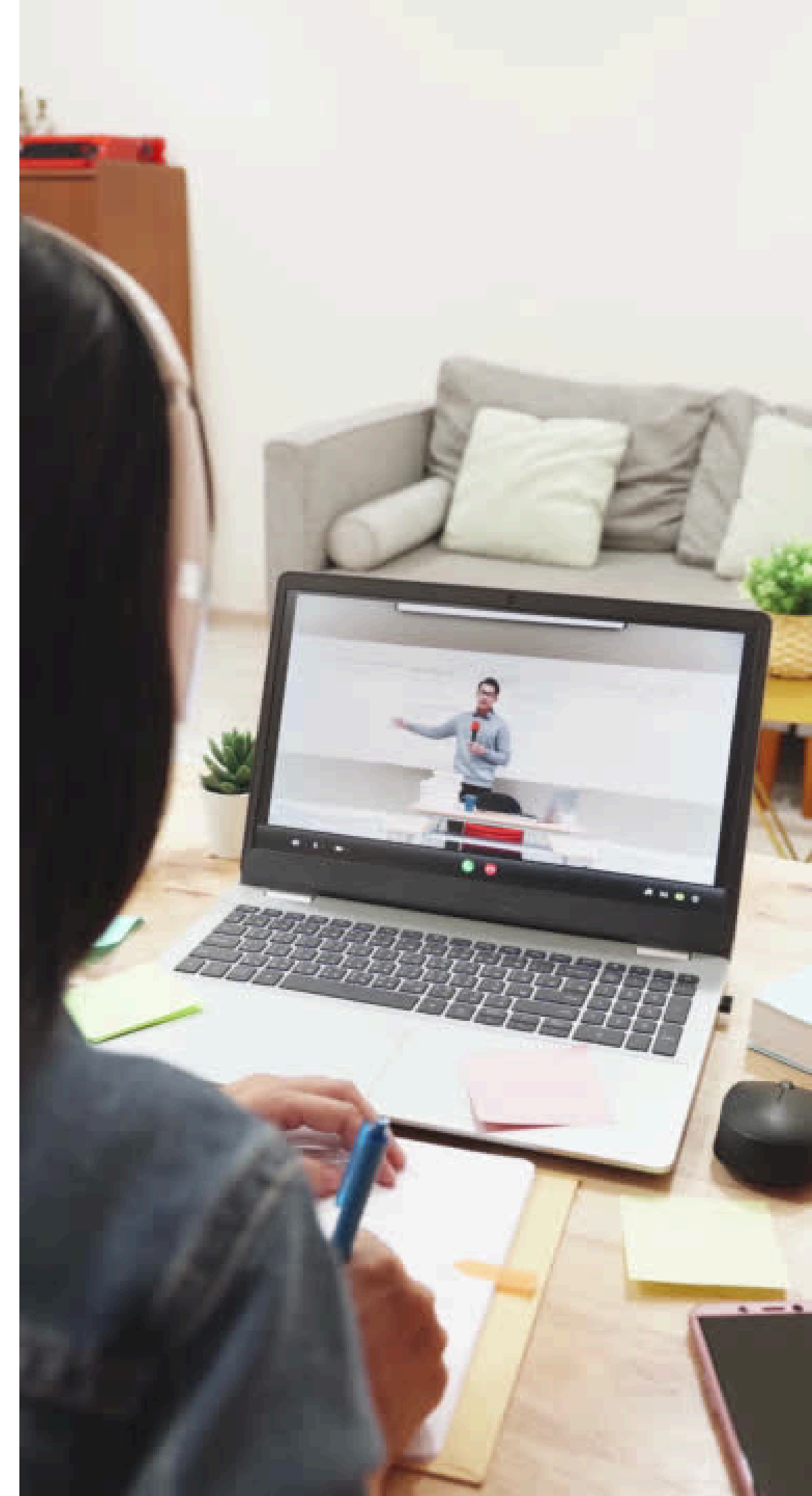


Online Learning Platforms & Video Conferencing Tools

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How can educators *enhance and innovate* online teaching to create more *engaging and effective* learning experiences?

» Growth Factors in Online Education



**Technological
Advancements**



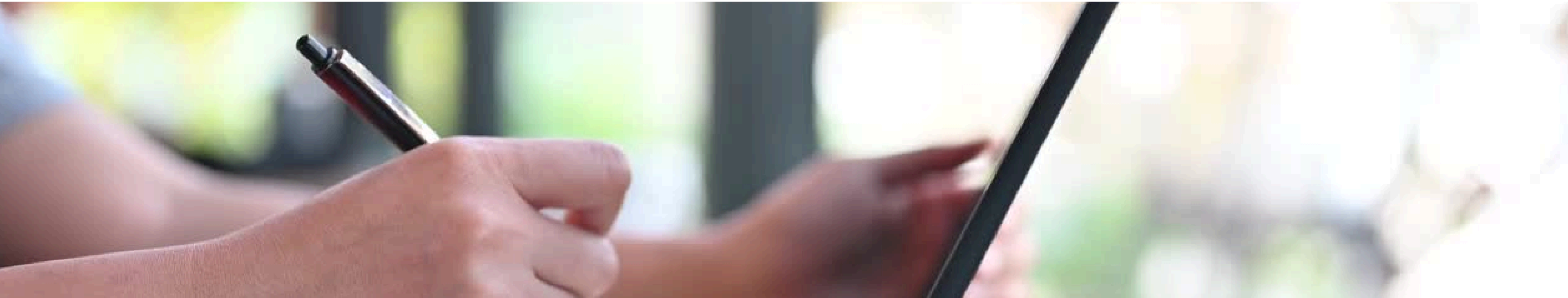
**Globalization of
Education**



**Demand for
Lifelong Learning**



**Pandemic
Acceleration**



» Surge in Online Learning

Pre-2020: Limited Adoption

Online education was growing steadily but needed to be mainstream in most educational institutions.

2020: Pandemic Catalyst

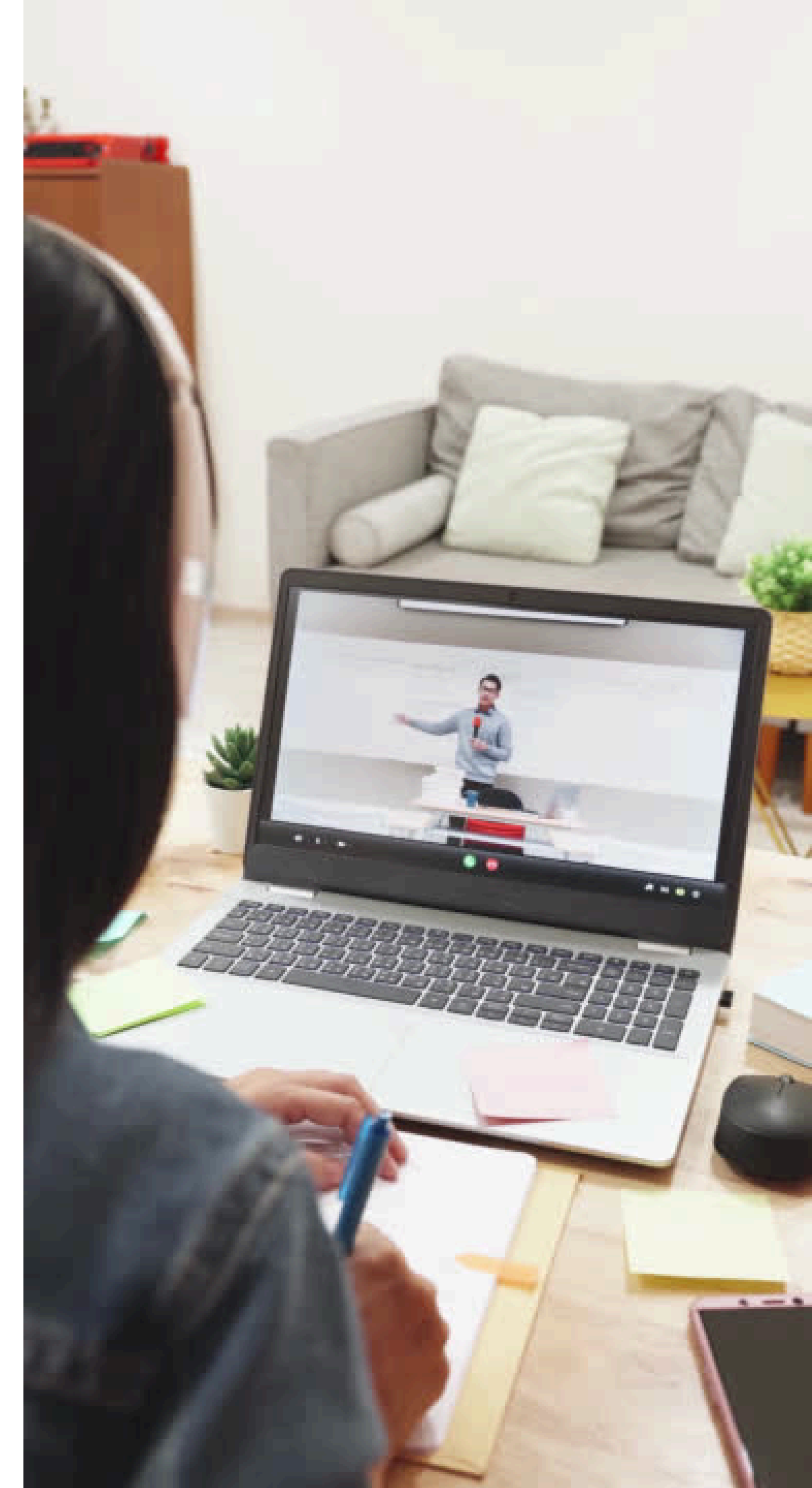
COVID-19 forced a rapid shift to online learning, with over 85% of higher education institutions moving teaching online.

2021-Present: Hybrid Models

Institutions are increasingly adopting hybrid learning models, combining online and face-to-face instruction for enhanced flexibility.

Future Projection

Continued growth expected, with the global online education market projected to reach \$319 billion by 2025.



» Trends in Online Education



Microlearning

Bite-sized learning modules offer a focused approach to content consumption, enabling learners to engage in short, efficient bursts.



Personalized Learning Paths

Adaptive learning technologies tailor educational experiences to individual learner needs, promoting customized progress.



Gamification

Incorporating game elements enhances engagement and motivation, making learning more interactive and enjoyable.



Blended Learning Models

Combining online digital media with traditional classroom methods fosters a hybrid approach, offering diverse learning experiences.

» Online Learning Platform

- ***An online learning platform serves as an information system that provides a virtual learning environment, enabling learners to access educational content.***
- ***Contemporary learning platforms facilitate interactive learning experiences and equip educators with various tools to enhance their course offerings.***



» Course Marketplace

- *Many learning platforms are commonly referred to as "online course marketplaces" due to their ability to allow learners to search for and purchase online courses directly.*
- *Although some of these marketplaces showcase a variety of online courses, the majority focus on providing educational offerings that are exclusively university-level.*



» Challenges of Selecting the Right Online Learning Platform

1

Overwhelming Platform Choices

Difficult to identify the best solution from so many available options.

2

Finding the Right Fit

Ensuring the platform aligns with the teaching goals.

3

Balancing Features & Usability

Too many features can overwhelm; too few can limit growth.

4

Long-term Scalability

Choosing a platform as the teaching needs evolve.



» Online Course Creation Tools

coursera

edX

udemy

UDACITY

NPTEL

LinkedIn Learning

Khan Academy

ispring

kajabi

podia

PLURALSIGHT

JIGSAW ACADEMY

CANVAS
BY INSTRUCTURE

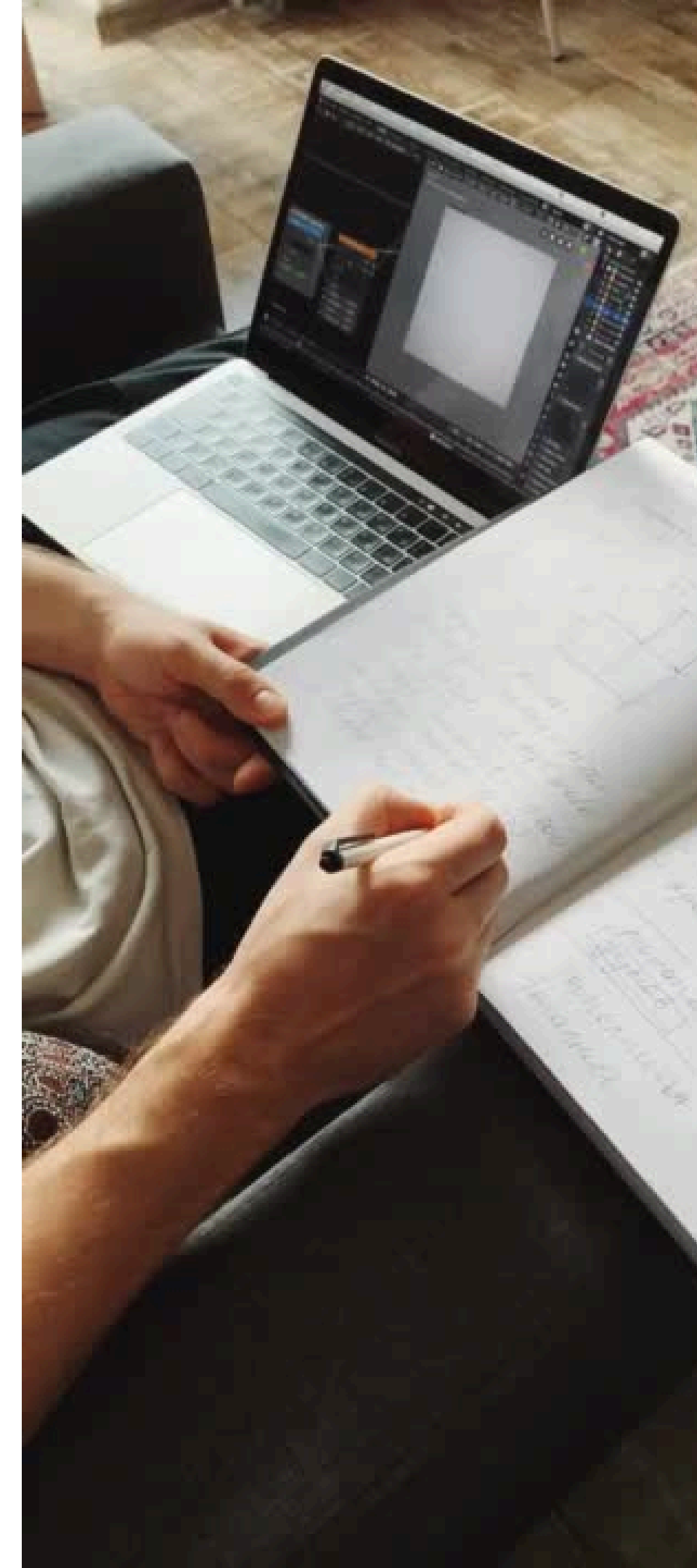
Blackboard
LEARN

COMPARISON TABLE ▶

» Top Online Platforms for Online Learning



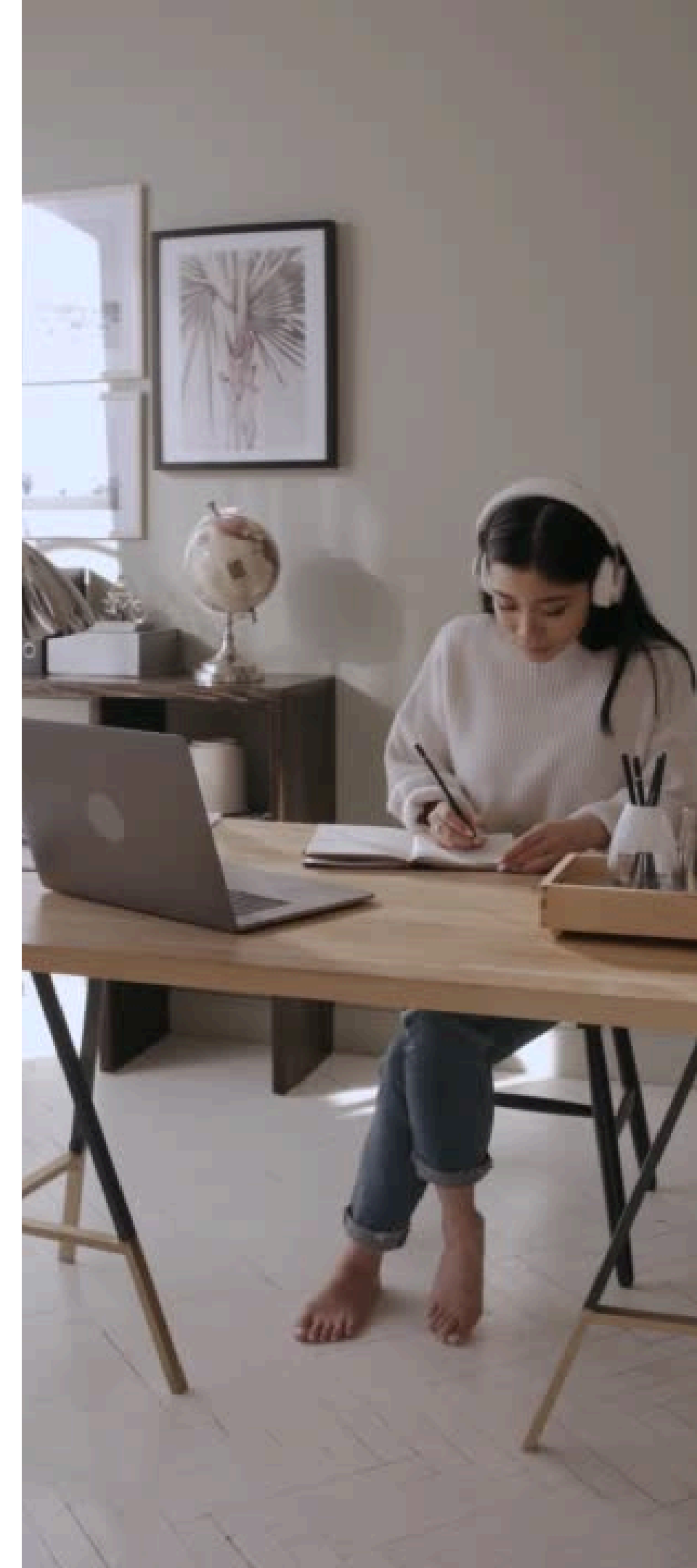
- **Customizable:** Institutions can tailor Moodle to align with their specific pedagogical approaches by incorporating various plugins and themes.
- **Resource Sharing:** Moodle facilitates the organization and sharing of diverse course materials, ranging from traditional documents and presentations to interactive videos and quizzes.
- **Collaborative Engagement:** Interactive tools like forums, wikis, and glossaries promote collaboration and student engagement, creating a dynamic learning environment.
- **Comprehensive Assessment:** Moodle supports a wide range of assessments, including assignments, quizzes, and graded discussions, providing valuable feedback and insights.



» Top Online Platforms for Online Learning



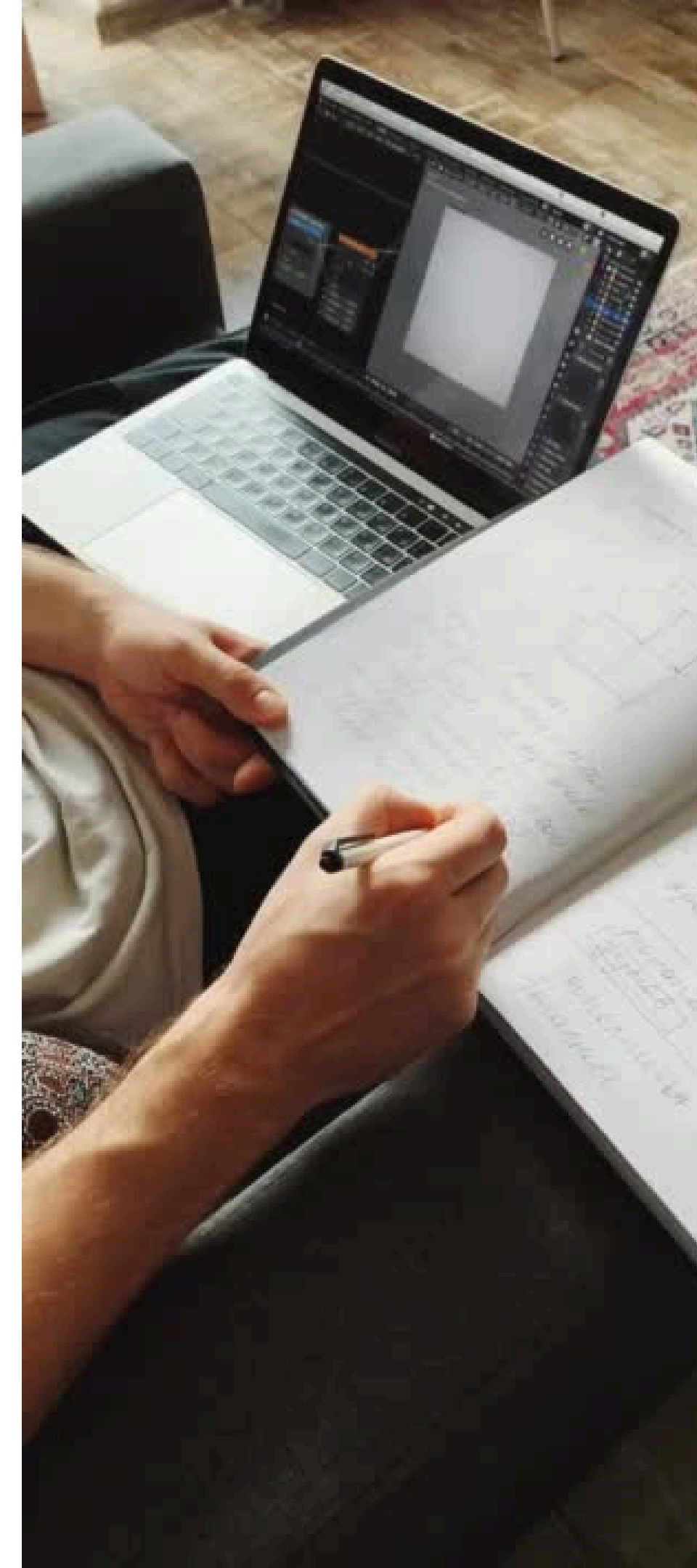
- **Course Management:** *Instructors can easily create, organize, and deliver course content using Blackboard Learn's robust management tools.*
- **Communication and Collaboration:** *Blackboard Learn fosters a strong sense of community through features like discussion boards, messaging, and announcements.*
- **Assessment Capabilities:** *Blackboard Learn provides a comprehensive suite of assessment tools, including tests, surveys, and assignments with automatic grading options.*



» Top Online Platforms for Online Learning



- **Intuitive Interface:** Canvas boasts a user-friendly interface that simplifies navigation for both instructors and students, minimizing the learning curve.
- **Collaborative Learning:** Canvas supports group projects, discussions, and peer reviews, fostering a collaborative learning environment and promoting peer learning.
- **Mobile Accessibility:** Canvas offers dedicated apps for iOS and Android, ensuring learning can happen anytime, anywhere, facilitating flexibility and accessibility.
- **Streamlined Grading:** SpeedGrader, a feature within Canvas, streamlines the grading process, enabling instructors to provide detailed feedback with annotations and multimedia elements.



AU-COURSE-TEMPLATE > Modules

View as Student

- Home
- Announcements
- Modules
- Syllabus
- People
- Assignments
- Discussions
- Quizzes
- Marks
- Pages
- Files
- Outcomes
- BigBlueButton
- Collaborations
- Rubrics
- New Analytics
- Lucid (Whiteboard)
- Settings

Collapse All
View Progress
✓ Publish All
+ Module
⋮

<div style="display: flex; justify-content: space-between; align-items: center;"> ▼ This is a Sample Module. ✓ + ⋮ </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> ⋮ A module is usually one unit, one topic, or one week of content. ⊘ ⋮ </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> ⋮ Sample Page ✓ ⋮ </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> ⋮ Sample Discussion ✓ ⋮ </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> ⋮ Sample Quiz <small>3 pts</small> ✓ ⋮ </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> ⋮ Sample Assignment <small>0 pts</small> ✓ ⋮ </div>
<div style="display: flex; justify-content: space-between; align-items: center;"> ⋮ Want to create an additional module? Select the "+ Module" above. ⊘ ⋮ </div>

Course Status

⊘ Unpublished

Import Existing Content

Import from Commons

Choose Home Page

View Course Stream

New Announcement

New Analytics

View Course Notifications

Coming Up View Calendar

Nothing for the next week

Student Submission

View Submission Details

1 Submitted: Sep 29 at 12:44pm **LATE** 2

When you open SpeedGrader for a particular assignment, you will see each individual submission and the date and time that it was submitted [1]. If the assignment was submitted after the due date, you will see a late label [2].

See All Quiz Attempts

Submitted: Dec 9 at 11:33am

See all quiz attempts 1

	Emily Boone	Attempt 1 / 2	63.64%	02:28	View Log	None	Moderate 2
--	-------------	-------------------------------	--------	-------	--------------------------	------	-------------------

If a quiz includes more than 65 total submissions, individual attempts cannot be viewed in SpeedGrader.

To view prior Classic Quiz attempts for a specific student, click the See all quiz attempts link [1].

To view prior New Quiz attempts for a specific student, click the Moderate button [2].

» Integration of Video Conferencing Tools in LMS

Platform	Built-in Video Conferencing Tool	Third-Party Integrations	Features of Built-in Tool	Features of Third-Party Integrations
Moodle	BigBlueButton (via plugin)	Zoom, Microsoft Teams, Webex, etc. (via plugins)	- Virtual Classrooms: Live online classes within Moodle	- Scheduling and Access: Schedule meetings within Moodle
			- Interactive Tools: Shared notes, polls, multi-user whiteboards, breakout rooms	- Direct Access: Students join sessions from the Moodle interface
			- Recording Sessions: Can be recorded for later access	- Authentication: Secure access for enrolled students
Blackboard Learn	Blackboard Collaborate Ultra	Zoom, Microsoft Teams, Webex (via LTI integrations)	- Real-Time Interaction: Live lectures and discussions	- LTI Integration: Seamless integration with external tools
			- Engagement Tools: Chat, polls, breakout groups	- Single Sign-On (SSO): Uses Blackboard credentials
			- Recording Capabilities: Sessions can be recorded	- Scheduling and Notifications: Manage meetings and notify students within LMS
Canvas	Canvas Conferences (powered by BigBlueButton)	Zoom, Microsoft Teams, Cisco Webex (via LTI integrations)	- Live Sessions: Host lectures, presentations, group collaborations	- LTI Integration: Add external conferencing tools
			- Interactive Elements: Screen sharing, whiteboards, public/ private chat	- Ease of Use: Join meetings from course modules or calendar
			- Recording Sessions: Available for up to 14 days	- Scheduling and Management: Schedule and manage sessions within Canvas

QUIZZ!

Plan in
seconds,
not weekends

QUIZZAI

Online Education in India Quiz

Online Education in India Quiz quiz for Professional Development. Find other quizzes for Education and more on Quizizz for free!

 quizizz.com

» Video Conferencing

- **Video conferencing in education enables teachers to connect with students regardless of their location, facilitating real-time engagement through both audio and visual interaction.**
- **This technology is increasingly integrated into the educational landscape as institutions adapt to emerging technologies and the evolving needs of students and educators.**



» Platforms for Video Conferencing



- *Zoom is a leading video conferencing platform that has become essential for virtual meetings, webinars, online classes, and remote collaboration.*
- *It offers a user-friendly interface and a robust set of features designed to facilitate communication and engagement across various settings, including education, business, and personal use.*



» Platforms for Video Conferencing



Immersive View

Advanced Polling

AI-Powered Transcription



» Platforms for Video Conferencing



- *Microsoft Teams is a unified communication and collaboration platform developed by Microsoft as part of the Microsoft 365 (formerly Office 365) suite.*
- *It combines chat, video meetings, file storage, and application integration to facilitate teamwork and streamline workflows across organizations.*
- *Teams has become an essential tool for businesses, educational institutions, and remote workers, offering a robust set of features designed to enhance productivity and collaboration.*



» Platforms for Video Conferencing



Integration with Office 365

AI Noise Suppression

Together Mode



» Platforms for Video Conferencing

Google Meet

- *Google Meet is Google's secure, high-quality video conferencing solution designed for businesses, educational institutions, and individuals.*
- *As part of the Google Workspace suite (formerly known as G Suite), it integrates seamlessly with other Google services, providing a cohesive environment for communication and collaboration.*



» Platforms for Video Conferencing

Google Meet

Enhanced Security

Breakout Rooms

Jamboard Integration



» Platforms for Video Conferencing



- *Cisco Webex is a comprehensive video conferencing and collaboration platform developed by Cisco Systems.*
- *It is designed to facilitate seamless communication and collaboration for businesses, educational institutions, and individuals.*
- *Webex offers a robust set of features that enhance virtual meetings, webinars, and team collaboration, with a strong emphasis on security and user experience.*



» Platforms for Video Conferencing



Advanced Security Features

Virtual Backgrounds

Gesture Recognition



» Platforms for Video Conferencing

S SpatialChat is a virtual event platform that simulates real-life social interactions in a digital environment. It allows users to navigate virtual spaces and engage in spontaneous conversations, mimicking the dynamics of physical events.

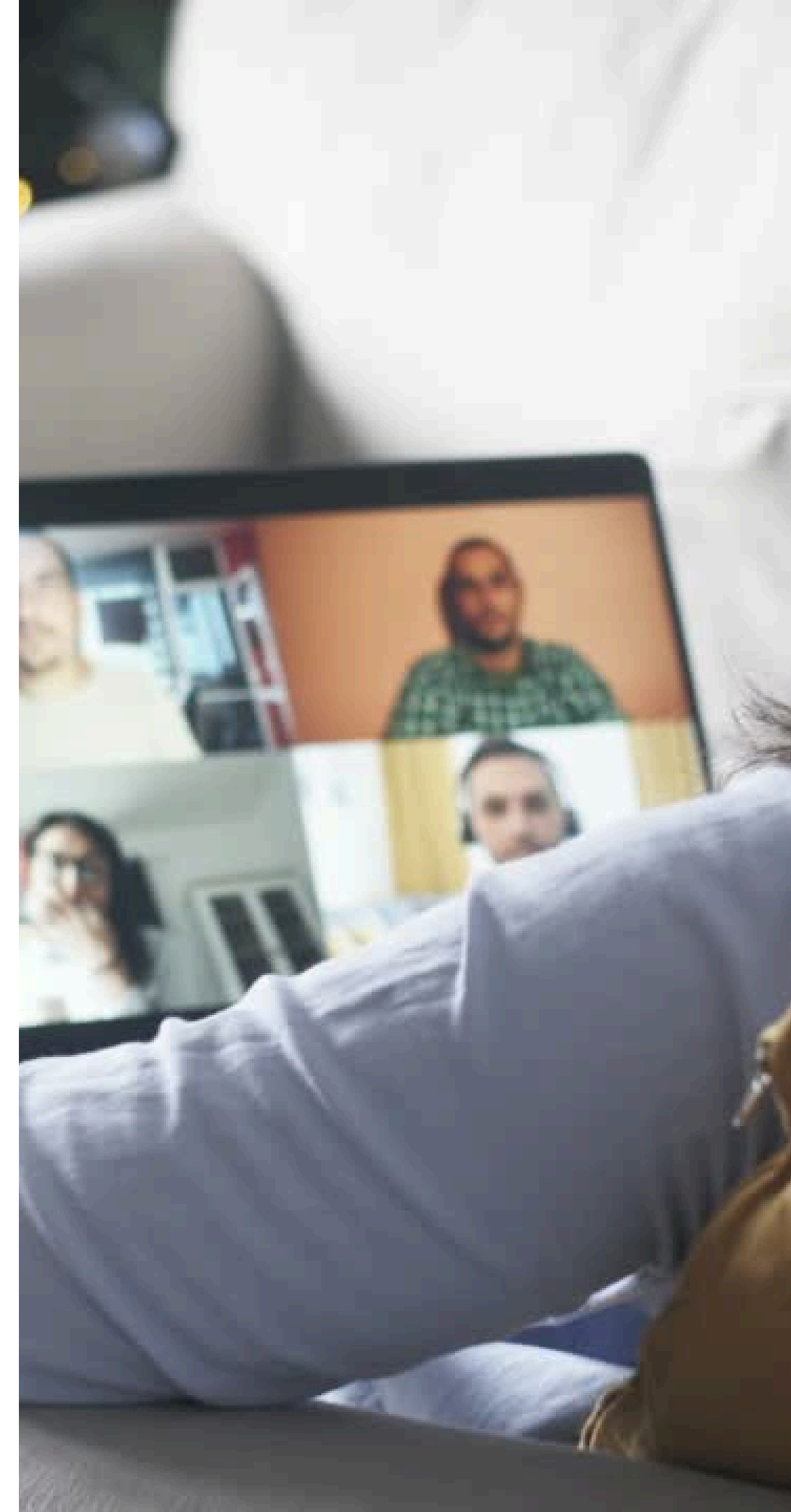
G Gather combines video conferencing with a 2D virtual world, allowing users to move around and interact in a digital space that feels more personal and engaging than traditional video meetings.

b BigBlueButton™ is an open-source web conferencing system specifically designed for online learning. It provides a robust set of tools to create a virtual classroom experience, focusing on engagement and interaction between educators and learners.



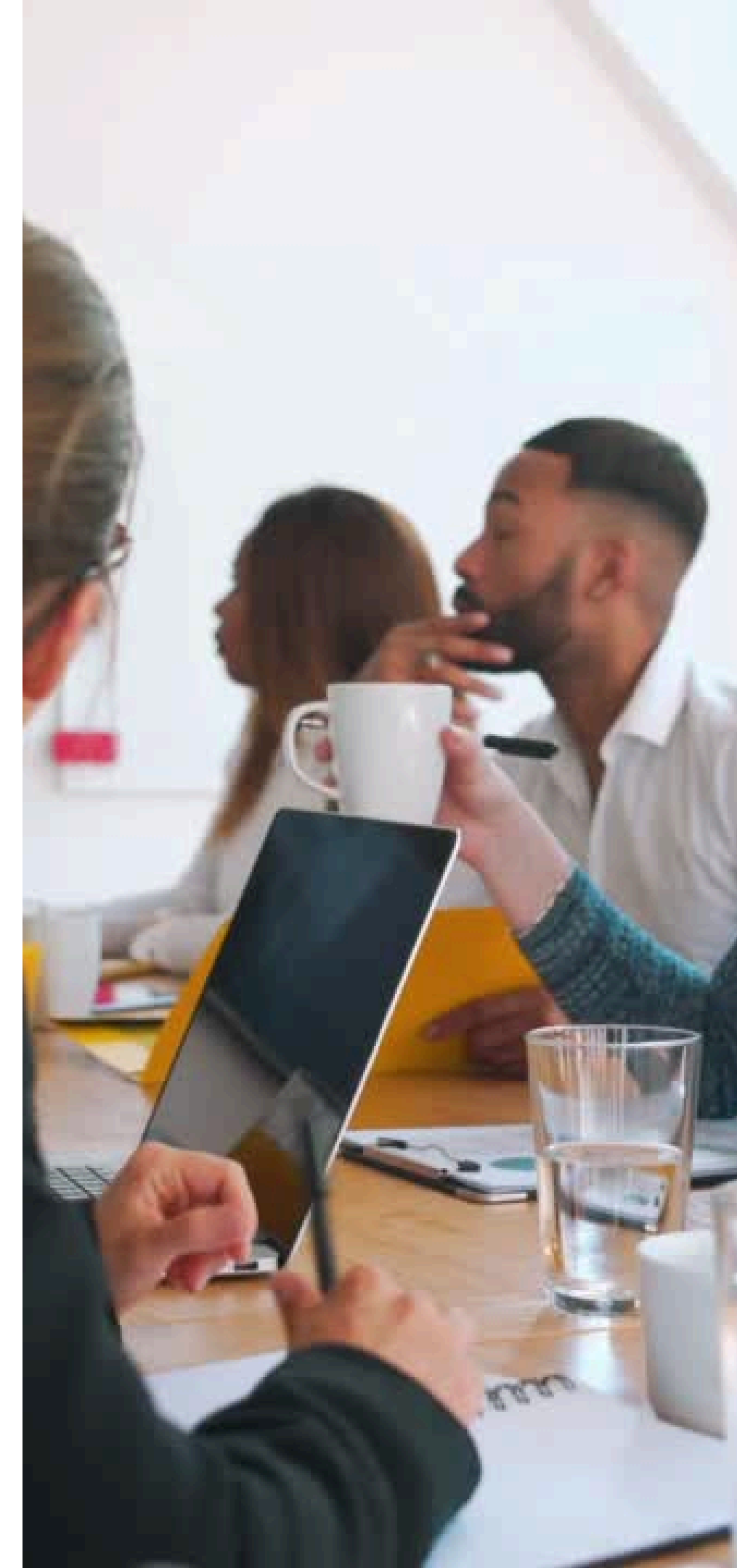
» Interactive Tools of Video Conferencing

- **Polls & Quizzes**
- **Real-Time Feedback**
- **Breakout Rooms**
- **Virtual Whiteboards**
- **Screen Sharing**
- **Annotation Tools**
- **File Sharing**
- **Recording and Playback**
- **Participant Reactions**
- **Live Captioning and Transcription**



» Collaboration Tools of Video Conferencing

- *Shared Whiteboards*
- *Breakout Rooms*
- *Co-Annotation*
- *Collaborative Document Editing*
- *Screen Sharing*
- *Shared Media Playback*
- *Polling and Surveys*
- *Chat Functions*
- *Participant Management*
- *Integrated Third-Party Apps*



» Accessibility Features of Video Conferencing

- *Live Captions and Subtitles*
- *Screen Reader Support*
- *Multilingual Support*
- *High Contrast Mode and Visual Adjustments*
- *Adjustable Audio Settings*
- *Closed Captioning APIs and Third-Party Integrations*
- *Session Recording with Accessibility Features*
- *Visual and Audio Notifications*
- *Cognitive Accessibility Features*



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