

Crosoft Feams® Platform: an efficient solution for teaching and knowledge sharing

Cooperation for Holistic Agriculture Innovation Nests in Sub-Saharan Africa

Lecturer Ph.D Alexandru – Dragoş ROBU Iaşi University of Life Sciences, România

About the author

Lecturer PhD – Faculty of Agriculture Agroeconomy Department since 2011

Teaching courses & seminars including:

Project Management;
 Businesses Planning and Management;
 General Management;
 Human Resources Management;
 Agricultural Common Policies;
 Regional Policies and Instruments.





Microsoft Teams is a team collaboration application developed by Microsoft as part of the Microsoft 365 family of products, offering workspace chat and video conferencing, file storage, and integration of proprietary and third-party applications and services.

Developed by Microsoft, Teams is one of the main Distance Learning Methods and collaboration Tool nowadays



Agenda

01

The Emergence and Importance of Distance Learning Methods in Higher Education

Concept of distance learning, highlighting its history, from correspondence courses to modern digital platforms.

02

Origins in correspondence courses (19th century), evolution to TV and radio education, shift to online platforms.

The role of digital technology in education (1990s and 2000s) as the internet significantly broadened access.

03

The Role of Microsoft Teams in Higher Education

Ease of organizing classes (team organization, access to materials) / Collaborative features (chat, video conferencing, shared documents) / Advantages for assessment and progress tracking (assignments, quick feedback)

04

The Future of Distance Education

Predictions for how distance education will evolve The role of artificial intelligence and virtual reality in education

The Emergence and Importance of Distance Learning Methods in Higher Education



Distance learning, also known as remote or online education, has transformed the traditional approach to teaching and learning. The concept dates back to correspondence courses in the 19th century, which allowed students in remote areas to receive education through *mail*. Over time, technological advancements such as *radio* and *television* enabled broader access to education beyond the physical classroom.

In recent decades, the internet has revolutionized distance learning, giving rise to interactive online platforms that enable real-time engagement and collaboration. Today, distance learning is more than a convenient alternative; it is an essential part of modern education, particularly in higher education, where accessibility and flexibility are paramount.

History of Distance Learning



Distance learning started with correspondence courses, allowing learners to study independently and communicate with instructors via mail. This approach primarily served students in isolated or underserved regions.



television in the mid-1900s introduced new methods for delivering educational content. Schools and universities began broadcasting lessons. reaching wider audiences and demonstrating the potential for educational media.

education experienced a profound transformation. Online courses and learning management systems (LMS) enabled institutions to deliver interactive and structured content, making education more accessible and flexible for a global audience



Modern digital platforms such as Microsoft Teams, Zoom, and Google Classroom have become central to education. offering а full suite of collaborative tools. The COVID-19 pandemic accelerated this trend, making online learning a mainstream method in higher education and showing its value in delivering education in a constantly changing world.

How we work has changed



London

Tokyo

New York

Office 365: Complete Group Collaboration Solution Addressing the unique needs and workstyle of each group





Accessing Microsoft Teams Internet page



Streamline communications in one place

Stay focused, work together, and achieve more with one platform for all your communication needs.

Personalizing and engaging in Microsoft Teams



Teams

Teams are the overall group of people working on a project. They can range in size from a small product team to a larger organization.



Managing classrooms (Teams)



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Home Page of Microsoft Teams – blank page



Creating a Classroom



Managing classrooms as teams



Creating a new team as classroom



Teams Owners

- There can only be 10 owners per Team
- Owners can:
 - Add new members and other owners
 - Manage Team settings:
 - Enable\Disable @Mentioning
 - Allowing GIFs, stickers, memes, and moderation settings
 - Rename the Team
 - Delete the Team

Teams Members

- There can be as many as 600 members per Team
- Members can add additional channels to the team

Creating a new team as classroom



Creating a new team as classroom



Adding members in the Team (Classroom)

Create a team from a template Skip the setup and use a template to get your team engaged quickly. 10 A Other Class Professional Learning... Staff Clubs, study groups, after school Discussions, group projects, assignments Educator working group School administration and development activities Add members to Business Management Start typing a name, distribution list, or security group to add to your team. You can also add people outside your organization as guests by typing their email addresses. People outside your org will get an email letting them know they've been added. We recommend making teachers into owners and students into members. Learn about adding guests 22-I-a V 2A 22-L-A-P-616 DOLTU ANDREEA ANDREEA.DOLTU 22-L-A-P-618 PATROLEA ANDREI ZA ANDREI.PATROLEA 22-L-A-P-616 COLICA DRAGOS 2D DRAGOS.COLICA 22-L-A-P-616 CAUNEAC MARTA MARTA.CAUNEAC Skip

Managing clasrooms





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Apps

Teaching within a live session as Distance Learning Method



Various several functions available during Teaching

During a teaching session on Microsoft Teams, there are several tools and functions that make the learning experience more interactive and organized. Here are some useful features:

1. In-Meeting Chat:

Alongside the audio-video discussion, participants can write messages in the session's chat, allowing quick sharing of information, questions, and useful links without interrupting the presentation.

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Threaded Conversations

In channels you can reply directly to a message, keeping the discussion easy to follow.



2. Raise Hand:

Users can virtually "Raise Hand" to indicate their desire to speak or ask a question. This helps maintain order and avoid interruptions.



3. Screen Sharing:

Teachers and students can share their screen to present documents, PowerPoint presentations, websites, or other resources directly in the session.



Share your screen

Once you are in the meeting, you can share you desktop. The content layout lets everyone see what's being shared. Along with people's facial expressions.



4. Polls & Q&A:

Instructors can create quick polls or questions to assess students' understanding or get real-time feedback, making the lesson more interactive.



5. Whiteboard:

Microsoft Teams offers a virtual Whiteboard where participants can draw, write, or collaborate in realtime, ideal for visual explanations or brainstorming.



6. Live Reactions:

Participants can use emoji reactions (like thumbs-up, heart, applause) to provide non-verbal feedback without interrupting the speaker, adding a layer of interaction.





7. Breakout Rooms:

The main session can be split into Breakout Rooms for group discussions or team activities. This feature helps stimulate collaboration and allows teachers to give each group focused attention.



Ways to Express Yourself

Everything from emojis to GIFs to stickers and memes that you can actually edit, are there for you to showcase the personality of your team and add some flare to the conversation.



8. Meeting Recording:

The session can be recorded, with the recording available for later review. This is helpful for students who wish to revisit lesson content.

Transcription and recording testing							-	- 🗆	\times				
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9. File Sharing:

Teachers can share documents and educational materials directly in the chat, and these remain accessible within the team for later reference.



Sharing Files

You can add files from your computer or OneDrive for Business account



Documents and Conversations

You can review a file with the conversation along side it. When you give feedback and comment, it'll also appear back in the channel so no one loses the history.



Planner

A planner for tracking tasks and managing work items.



10. Meeting Notes:

Teachers or students can take collaborative Meeting Notes during the session, which are automatically saved and accessible afterward, helping to keep a record of the discussions.

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Tabs

Tabs are always visible at the top and stay with the conversation, so everyone can get to them easily.



Key aspects to consider regarding the future of distance education

- **1. Integration of Artificial Intelligence (AI):** Al can personalize learning experiences by analyzing students' learning patterns and adapting course materials to fit their pace and needs. Al-driven tools, such as intelligent tutoring systems, can provide customized support, feedback, and assessment, enhancing the educational experience.
- 2. Enhanced Virtual and Augmented Reality (VR/AR): As VR and AR technologies become more accessible, they are expected to create immersive learning environments, allowing students to interact with 3D models, conduct virtual lab experiments, and explore historical sites or distant ecosystems as if they were there. This could greatly benefit disciplines like medicine, engineering, and the sciences.
- **3. Increased Use of Data Analytics**: Advanced data analytics can provide insights into student engagement, progress, and performance, enabling institutions to identify at-risk students early and offer tailored support. These analytics can also help improve course design and optimize instructional strategies based on what works best for students.
- **4. Global Classroom and Increased Accessibility**: The expansion of distance learning has opened up international collaborations and the concept of a "global classroom." Students from different regions and backgrounds can come together to learn, collaborate, and share perspectives. As internet access improves worldwide, more students will have access to quality education regardless of their geographic location.
- **5.** Focus on Soft Skills and Interdisciplinary Learning: Future distance education programs are likely to emphasize developing soft skills such as communication, collaboration, and problem-solving. The flexibility of online platforms also allows for interdisciplinary learning, where students can combine fields like technology, business, and humanities to better prepare for diverse career paths.
- **6. Microcredentials and Lifelong Learning**: As industries evolve, professionals increasingly need to upskill or reskill. Distance education is positioned to support lifelong learning, with microcredentials and shorter, skills-focused courses becoming more popular. These programs allow learners to gain relevant skills without committing to a full degree program.
- **7. Hybrid and Blended Learning Models**: Many institutions are likely to adopt hybrid models that combine in-person and online education, allowing for flexibility while retaining the benefits of face-to-face interaction. Blended learning models provide a balanced approach, where students can engage in online lectures but still participate in on-campus labs, workshops, or group activities.



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