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Criteria – 2

2.4.5. Developing assessment tools for both online and offline learning

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2.4.5 Documentary evidence in support of each response selected

The college organizes sessions on preparation of lesson plans, assessment tools, utilizing learning apps and technology enabled teaching methods to evolve learning sequences for offline and online to assess students understanding and for self-reflection on student teachers teaching skills.

Digital Lesson Plan

DIGITAL LESSON PLAN

CONTENT	SPECIFICATION	LEARNING EXPERIENCE	EVALUATION
MOTIVATION Any device from which electricity produced is called source of electricity https://youtu.be/YOtBKs1OzZo TOPIC ANNOUNCEMENT https://youtu.be/9LtIIh1w_Ines	Recalls	The teacher recalls the electricity The teacher gives the knowledge of sources of electricity 	What is electricity? What are the sources of electricity?
EXPLANATION https://youtu.be/ru032MfsfIg	Briefly explain	The teacher briefly explains about the electricity	What are the charges in electricity?
APPLICATION https://www1.curriculum.edu.au/sciencepd/teacher/assessment/electricity/applic.htm	Lists	The teacher lists the application of electricity	What are the application of electricity?
RECALL To read and write the sources of electricity	LISTS	To improve the knowledge about sources of electricity.	https://www.ewg.org/research/green-energy-guide/sources-electricity

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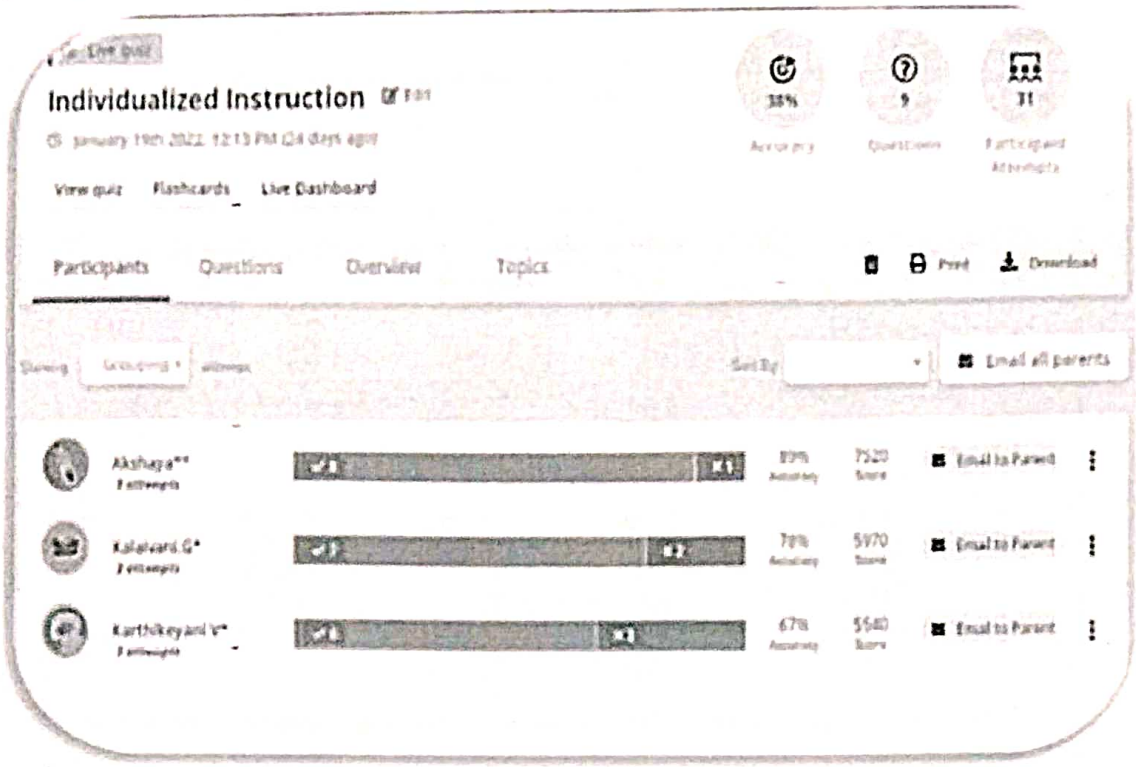
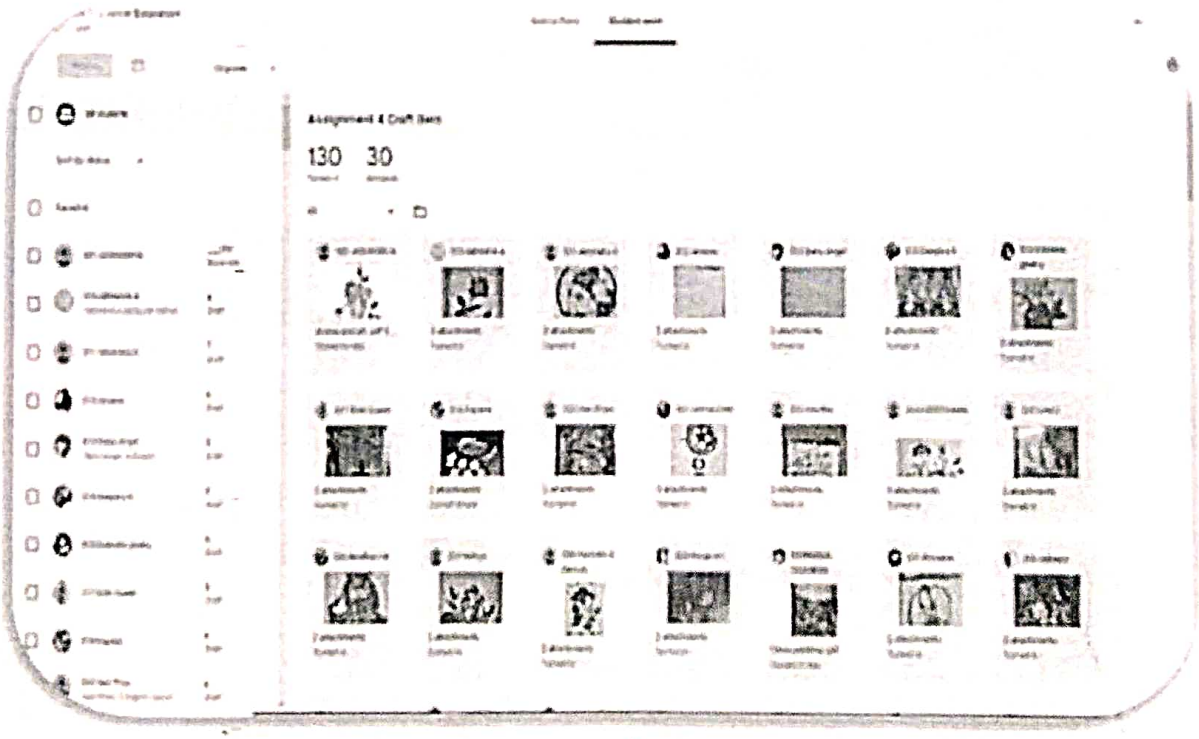
Online -





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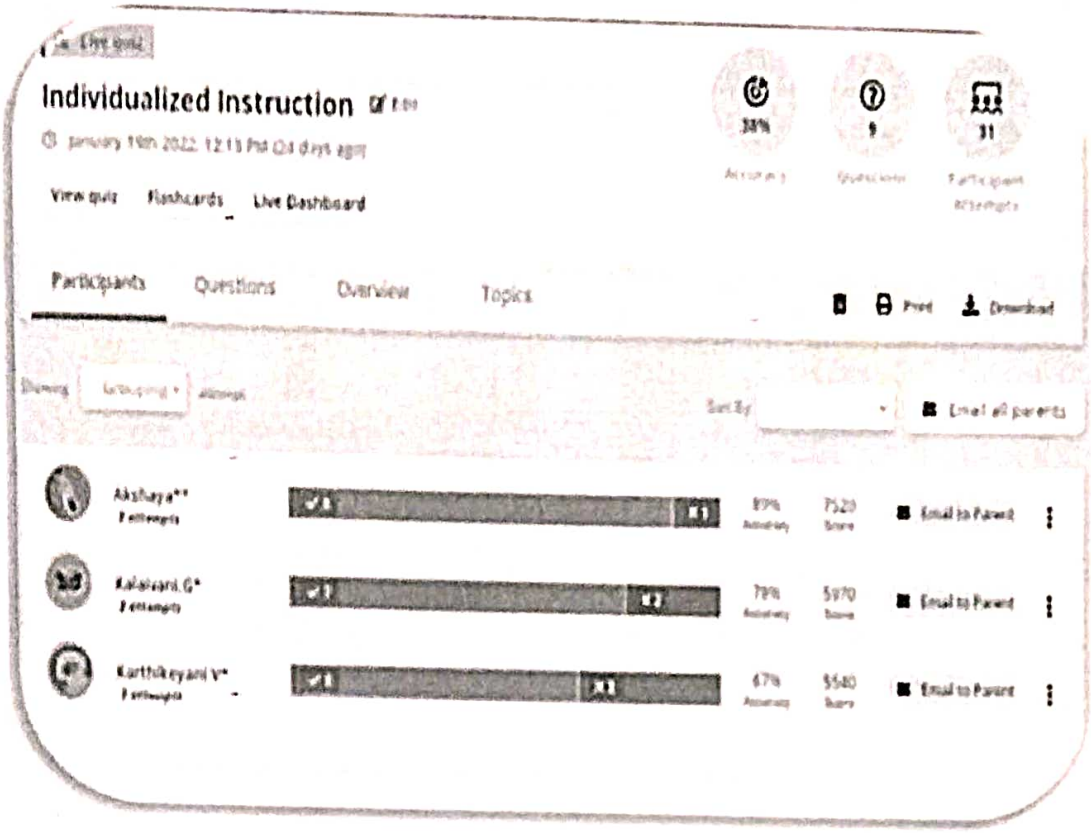
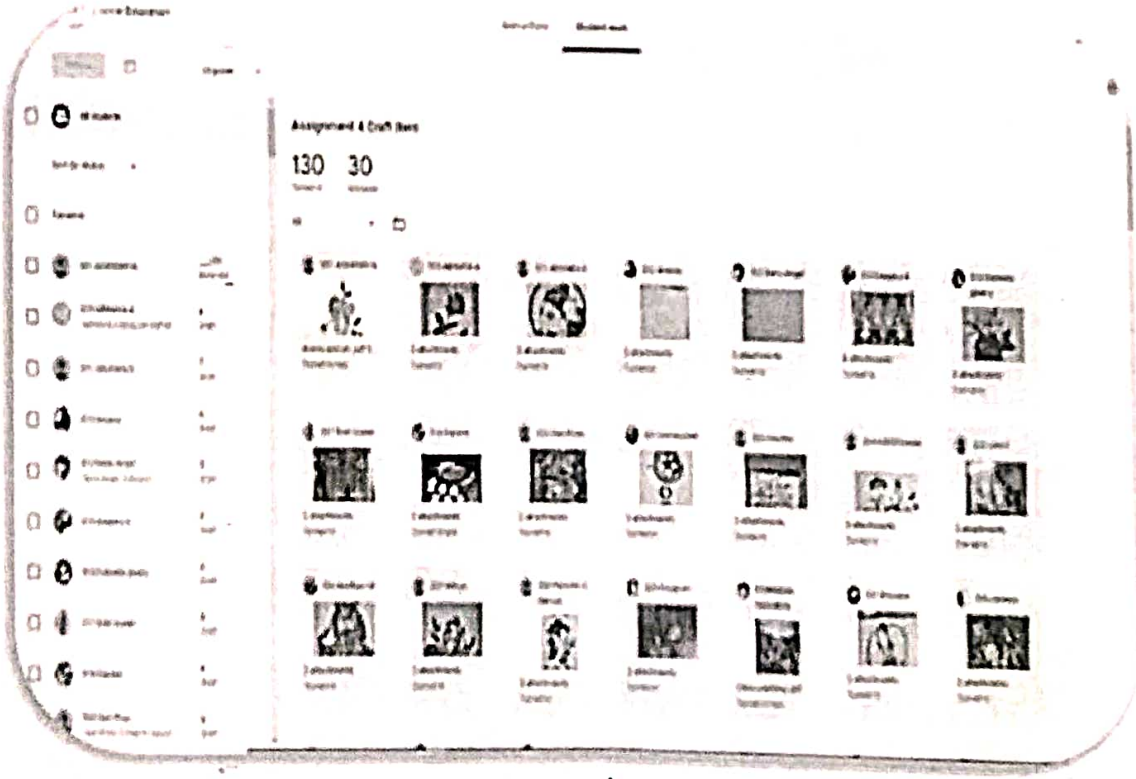
Online





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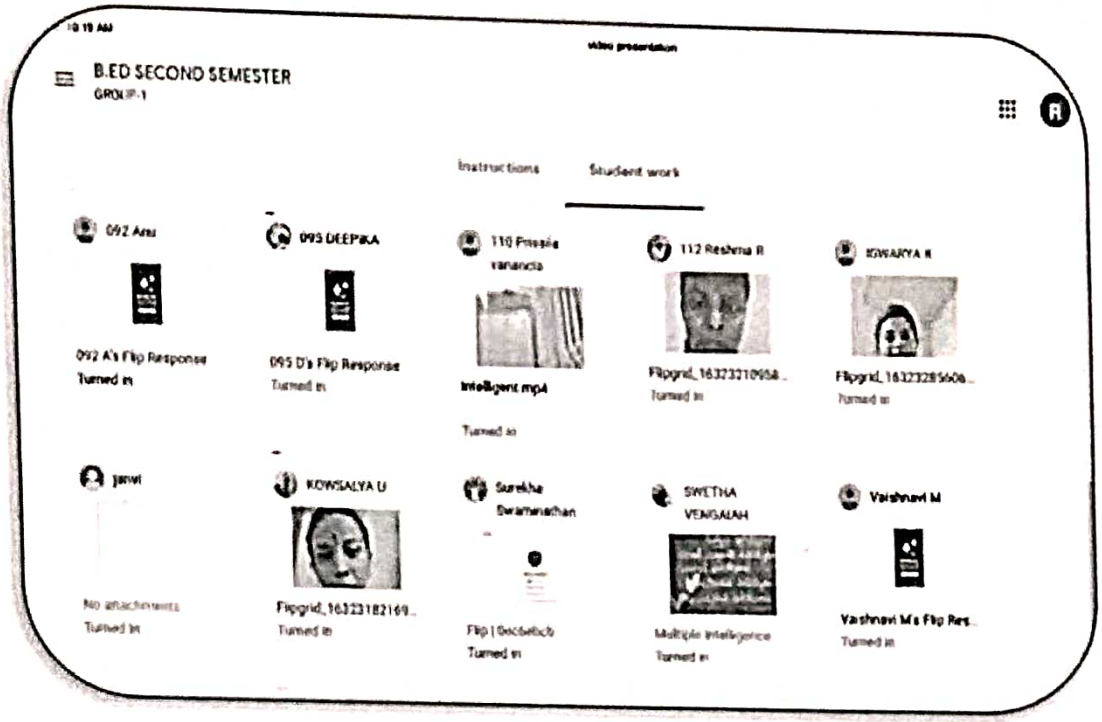
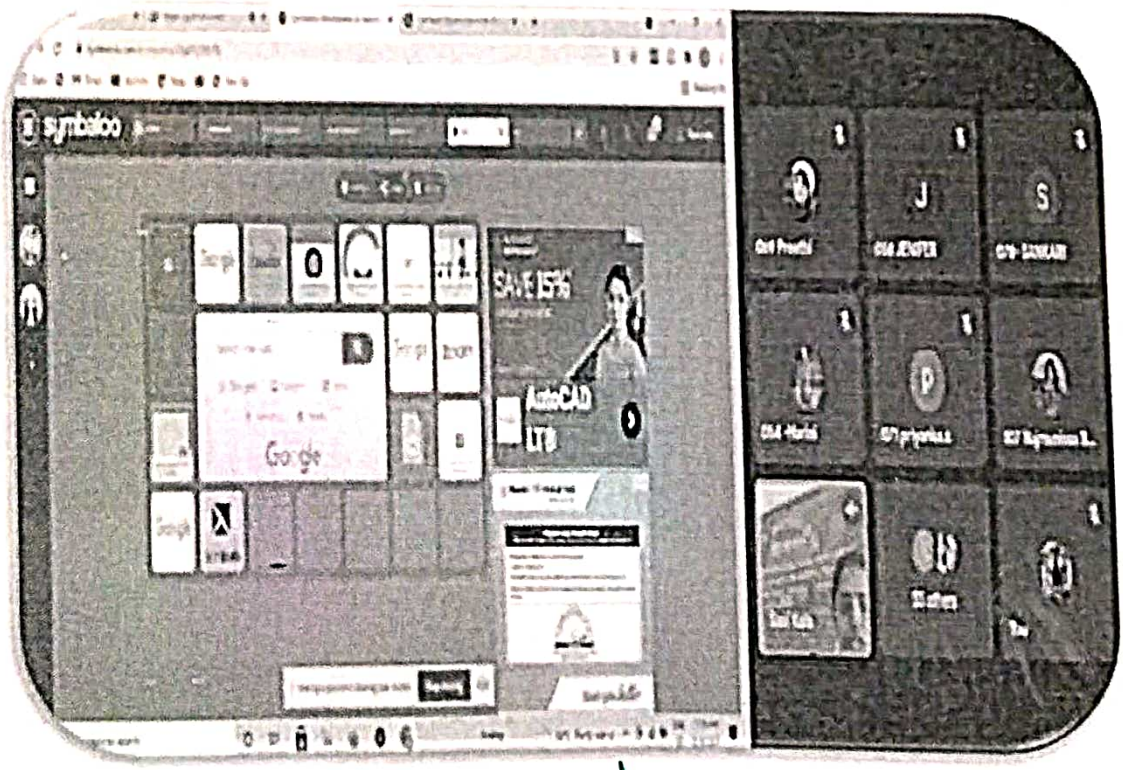
Learning Apps

Flip Grid



Symbaloo



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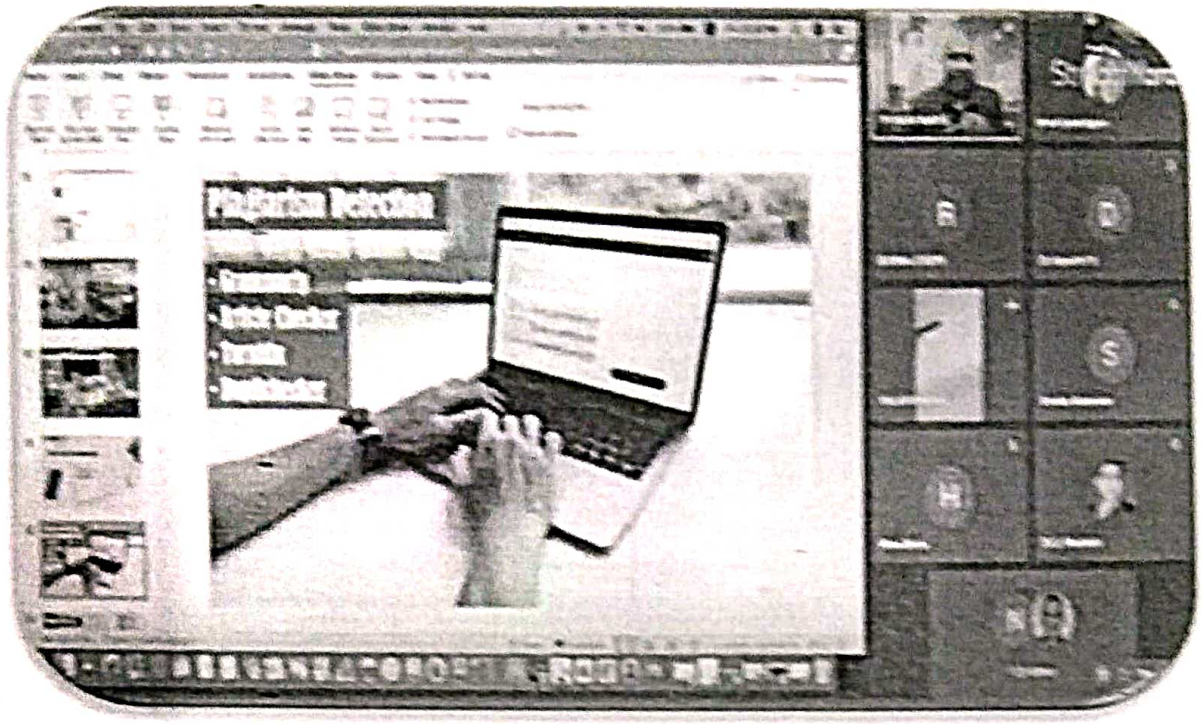
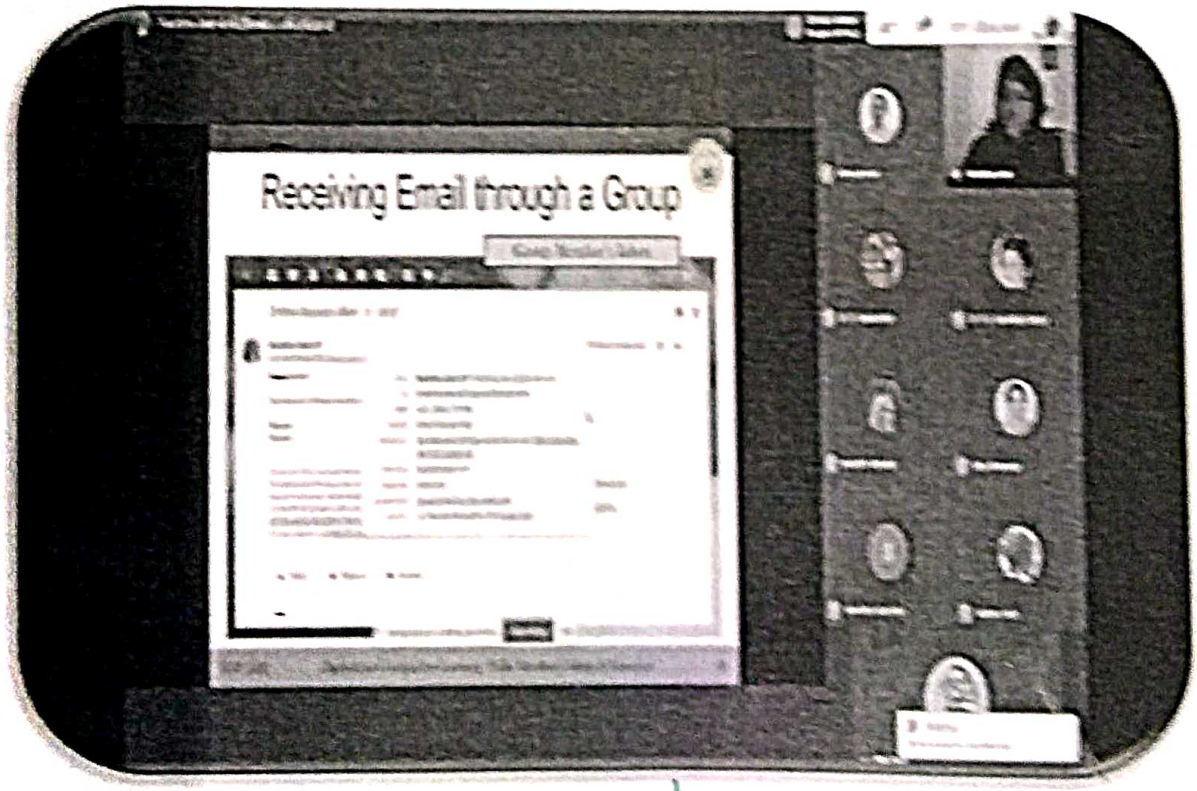
Adaptive Devices for Learning





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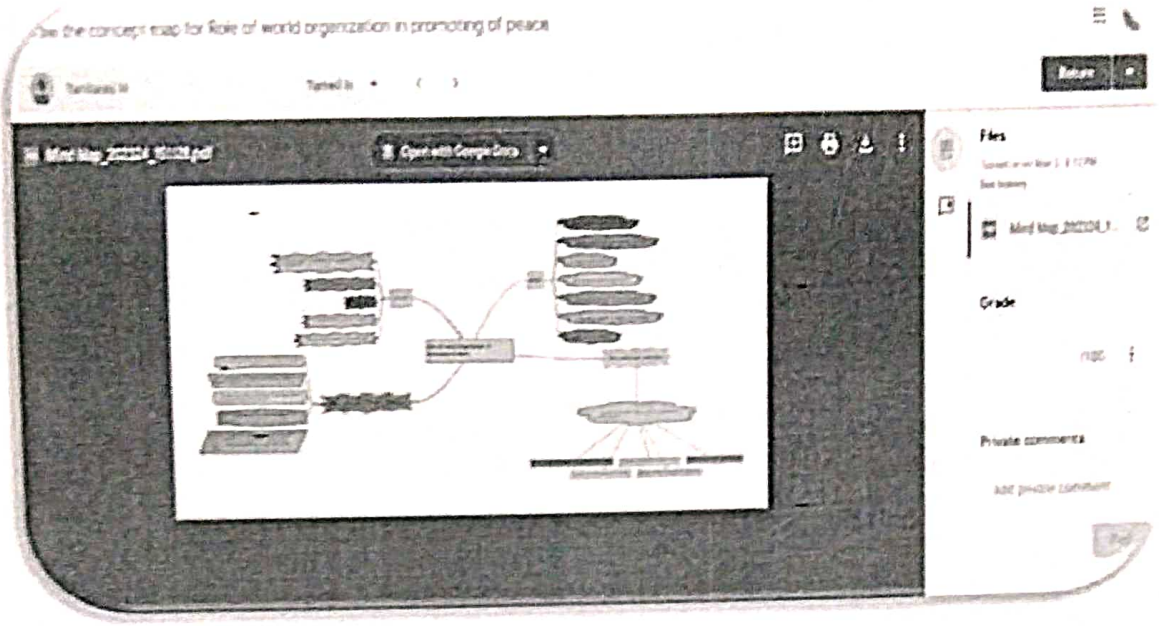
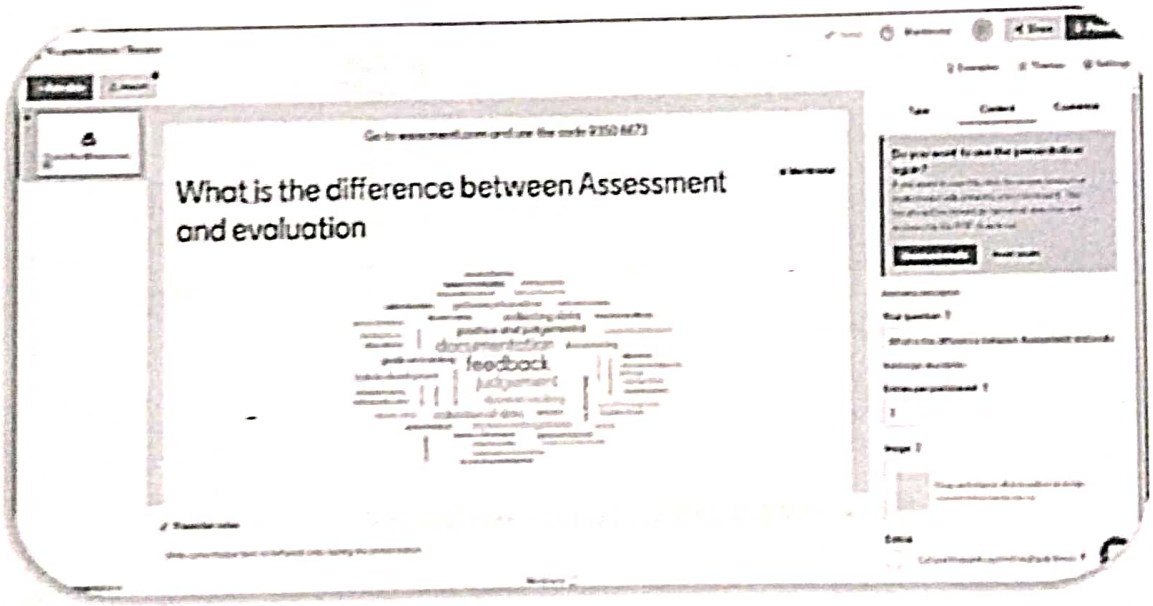
Identifying and Selecting/Developing online Learning Resources

Digital Mind Map





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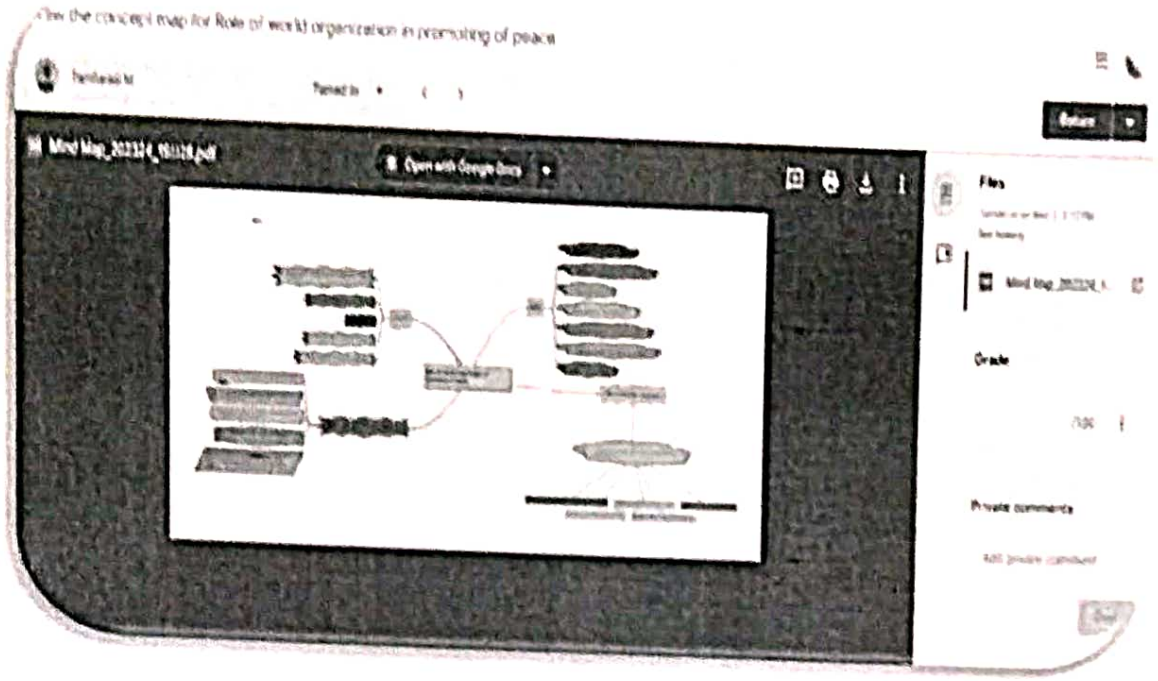
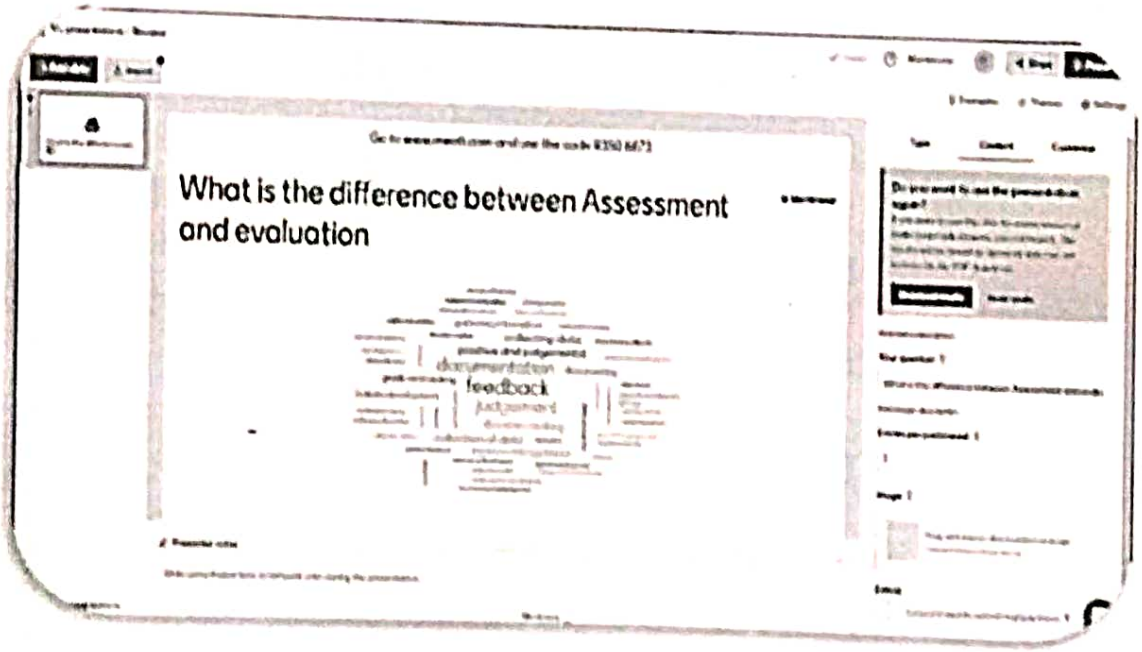
Identifying and Selecting/Developing online Learning Resources

Digital Mind Map





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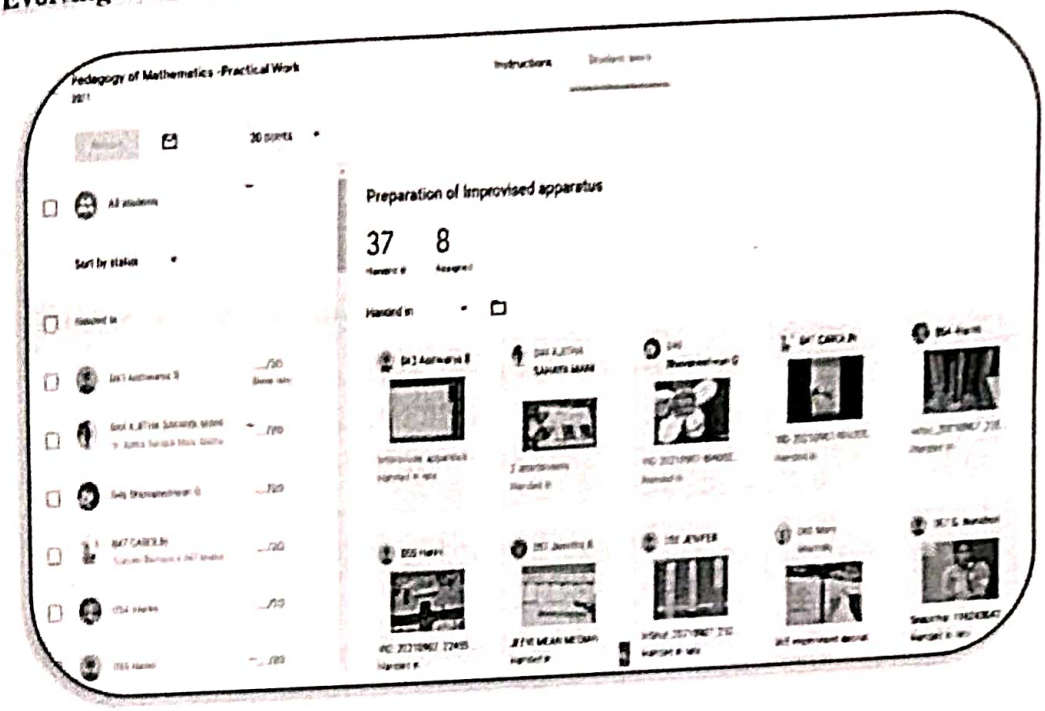
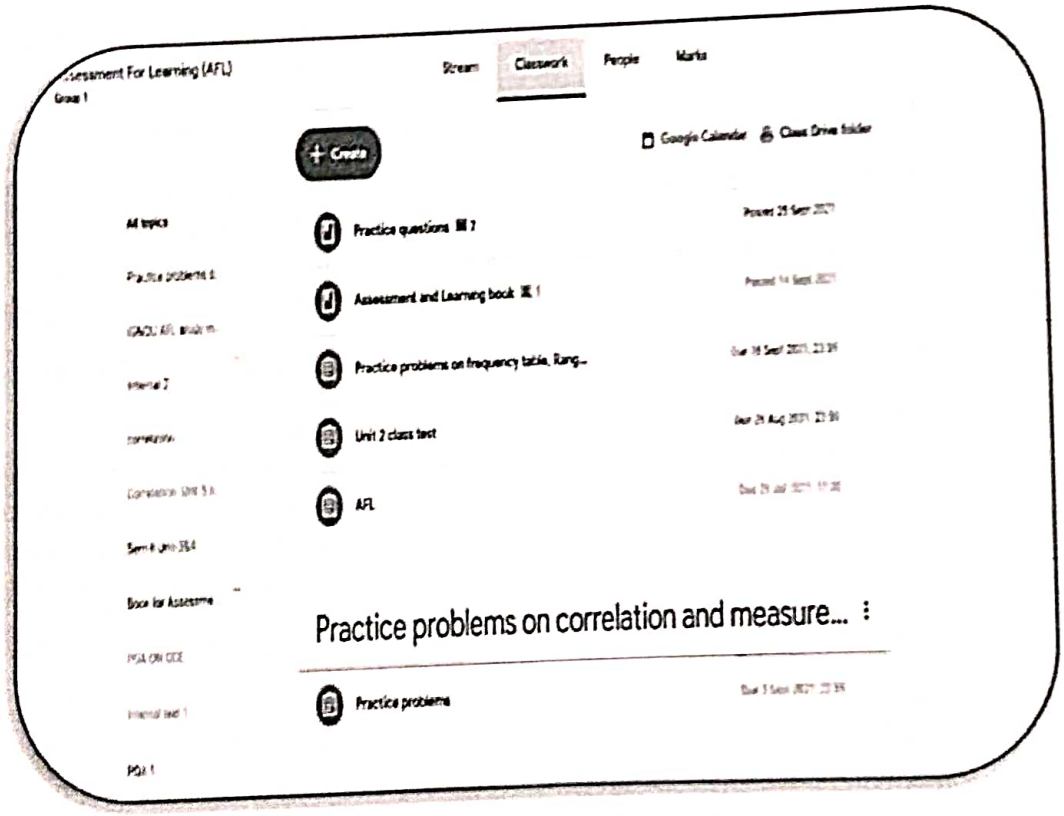
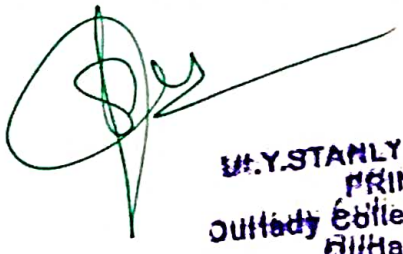
Evolving learning sequences for online as well as face to face Situation







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DIGITAL PEDAGOGY

B212VGCS

Marks:100

Credits: 4

Course Objectives

At the end of the course, the student teacher will be able to

i) get acquainted with the basic knowledge about computer and operating system
ii) comprehend and using Microsoft office
iii) appreciate the multiple use of ICT in Education
iv) find required digital resources, organize and integrate in teaching-learning process
v) use ICT enabled assessment in teaching-learning process.

UNIT I: Knowing Computer and Operating System **[10 hrs]**

Computer: Basic Applications of Computer, Components of Computer System, Concept of Hardware and Software and Concept of Computing, Data and Information - Operating System: Basics of Operating System, The User Interface, Simple Setting in Operating System, File and Directory Management and Common utilities.

UNIT II: Understanding Microsoft Office **[15 hrs]**

Microsoft Word: Word Processing Basics, Opening and closing Documents, Text Creation and manipulation, Formatting the Text and Table Manipulation – Microsoft Excel: Elements of Electronic Spread Sheet, Manipulation of Cell, Formula and Function – Microsoft PowerPoint Presentations: Basics, Creation of Presentation, Preparation and Presentation of Slides.

UNIT III: ICT in Education **[10 hrs]**

ICT: Concept, Characteristics and Importance – Aims and objectives of National Policyon ICT in School Education in India - E-learning: Concept, Characteristics, Advantagesand Potential Drawbacks of E-learning - Approaches to E-learning - E-learning Tools and Technologies: Communication Tools, Collaboration Tools, Content-Creation Tools,Delivery and Distribution Tools - Learning Management Systems (LMS) – Integration of ICT in Teaching and Learning.

UNIT IV: ICT for Pedagogical Innovations **[15 hrs]**

Approaches to integrating ICT in Teaching and Learning: Techno Pedagogical Content Knowledge (TPCK) - Web 2.0 Tools and Technologies: Wiki, Blog, Podcasts, Social Network and Social Bookmark - Constructivist Learning and ICT: UADDIE, Project Based Learning, Web Quest and Virtual Field Trip - Open Educational Resources: Concept and Significance.

UNIT V: ICT for Assessment **[10 hrs]**

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Criteria – 2

2.4.5. Effective use of social media/learning apps/adaptive devices for learning

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2.4.5 Sample evidence showing the tasks carried out for each of the selected response

Preparation of Lesson Plan

DIGITAL LESSON PLAN

STEPS	CONTENT	SPECIFICATIONS	SLIDES	LEARNING EXPERIENCE	EVALUATION
MOTIVATION	Human body performs all these activities with thehelp of the movements of bones and muscles	Stimulates	https://www.youtube.com/watch?v=b8IhVKhAWis	The teacher ask questions regarding thebody movements	What do you all see in thisvideo?
TOPIC ANNOUNCEMENT	The teacher announced the topic	Listens	https://www.teachingchannel.org/video/body-movement- and-space https://slidepl ayer.com/slid e/4232430/	The teacher announced the topic	What is the topic?
EXPLANTION	The area wheretwo bones are attached for the purpose of permitting body parts to move. Ajoint is usually formed of fibrous connective tissue and cartilage	Recognizes	https://www.medicinenet.com/script/main/art.asp?articlekey=4074	The teacherexplains the tissues and bones	What is bones?
APPLICATION	Building a modelshowing the working of arm muscles	Apply	https://www.youtube.com/watch?v=1phXt2Kumew	The teacher ask every student to dothe model	Can you tell me how the model working?
HOME WORK	Types of bones		http://www.teachpe.com/anatomy-physiology/the-skeleton-bones/types-of-bones	Studentsanswers	Tomorrow allof you will finish your home work?

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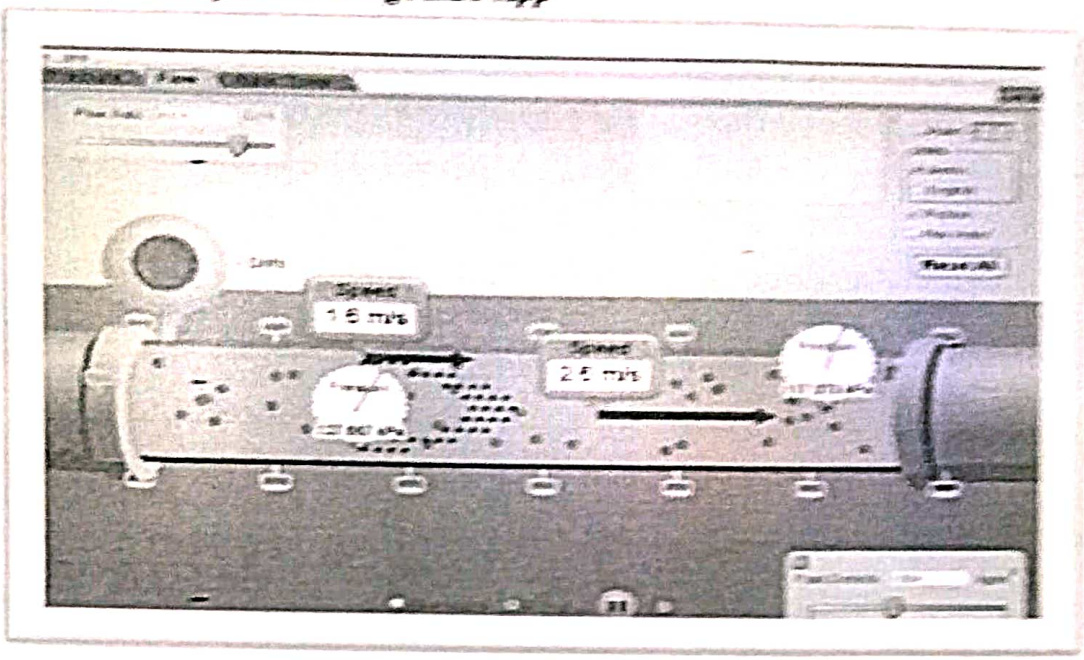
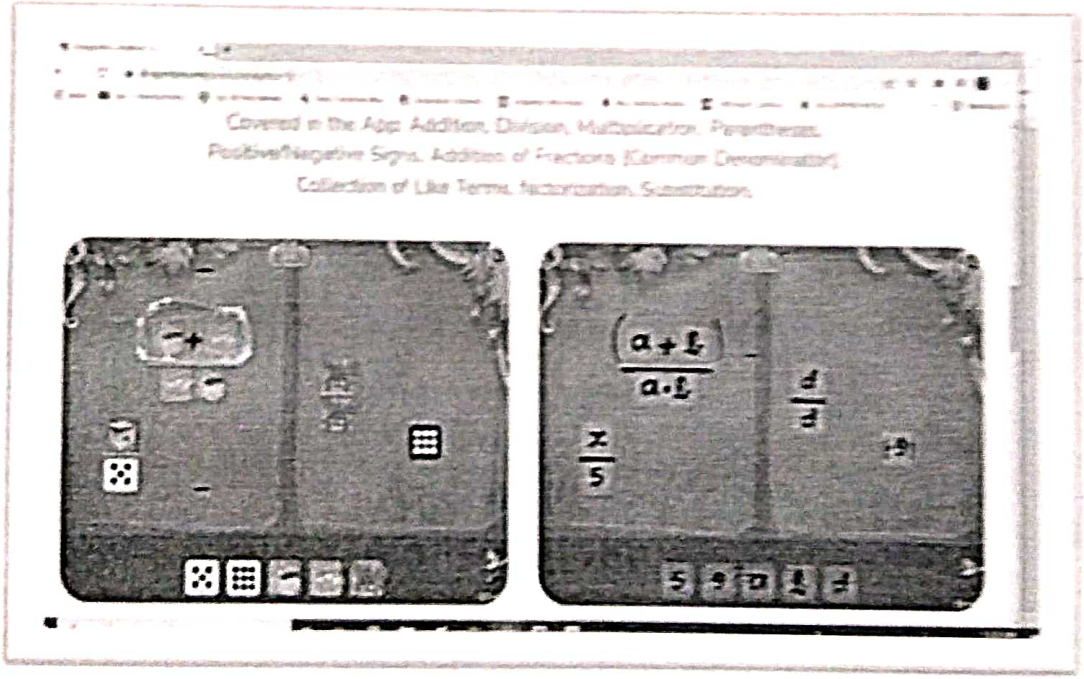
Effective Use of social media/Learning Apps/ Adaptive Devices for Learning

Teaching Fluid Dynamics Using PHET App



Dragon Box App – to teach Algebra



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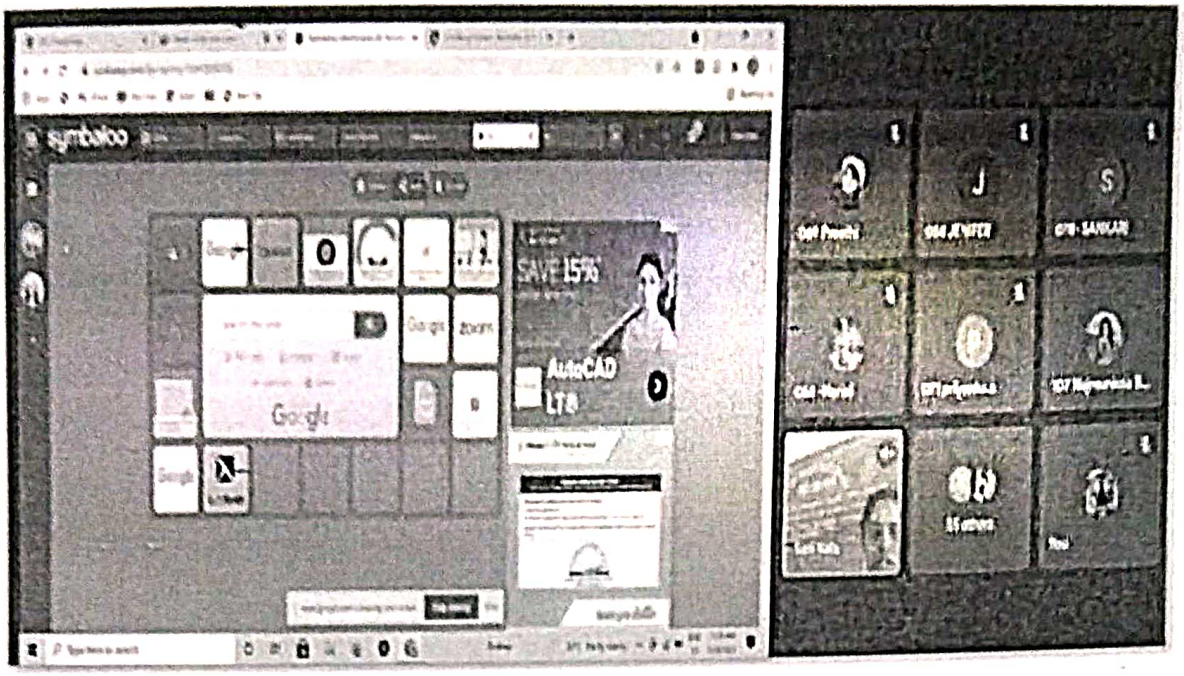
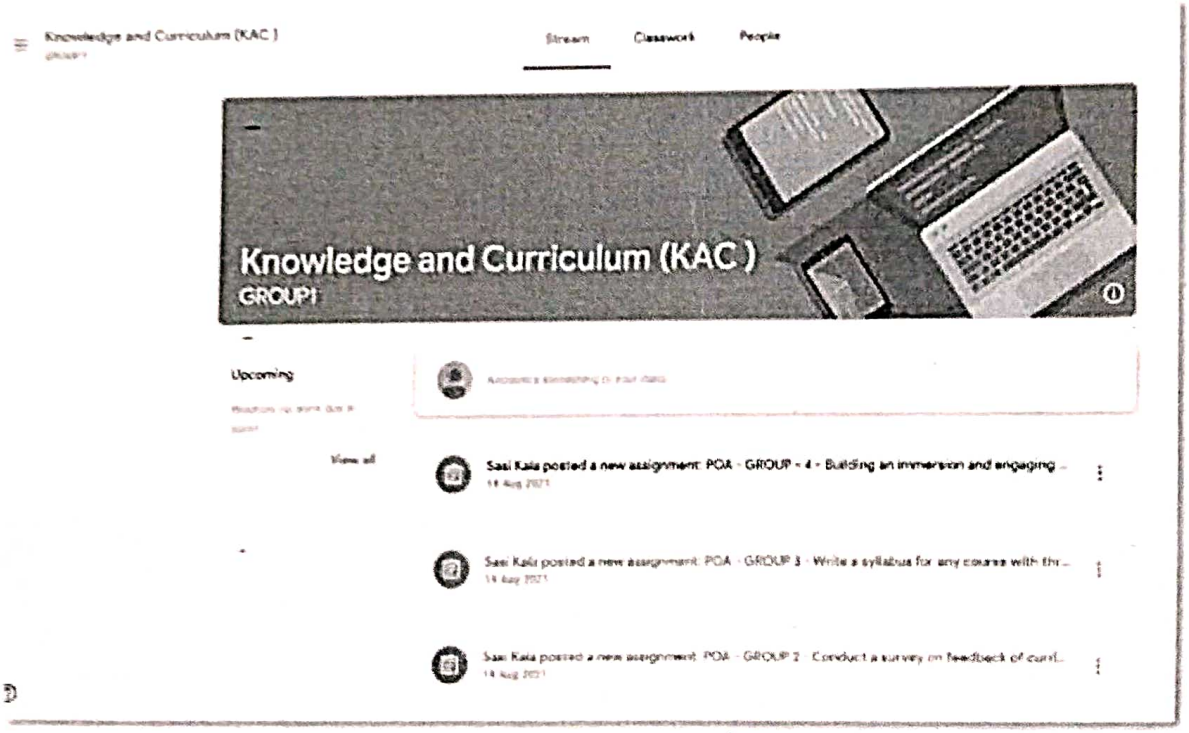
Identifying and Selecting/ Developing Online Learning Resource