2.3.6 Use of Media for Various Aspects of Education

1. ICT integrated Classrooms
2. Online mode of learning
3. Development of e-contents
4. Other curricular activities

Regional Institute of Education
(National Council of Educational Research and Training)
Bhubaneswar -751022, Odisha

1. ICT Integrated classrooms

(ICT Integration Experience in Practice During School Internship)

2. Online mode of Learning

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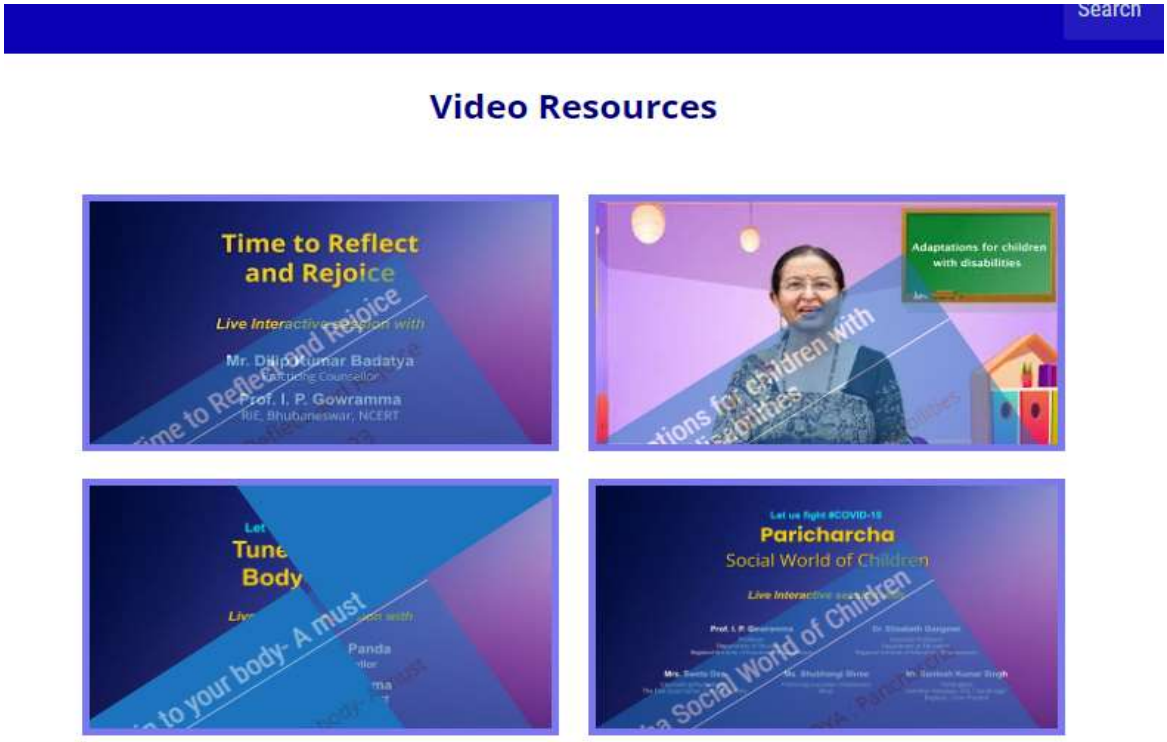
Creating Blended Learning opportunities for students / Experimenting with the Flipped Classroom

https://gowriip.in/2022/06/08/blended-learning/



https://gowriip.in/video-resources/

Lesson Plan on Vegetative Propagation

Date:	–	Concept Map on Lesson / Topic	Unit:	Reproduction in Plants
Class:	VII		Subject:	Biology
Time:	45 minutes		Topic:	Vegetative Propagation
Period:	–			

Major concepts/Learning Points:

- Plants reproduce through both sexual and asexual methods
- Asexual reproduction is a process by which new plants are obtained without seeds
- Vegetative propagation, budding, spore formation and fragmentation are the different types of asexual reproduction
- Vegetative propagation is a method of asexual reproduction in which new plants are formed from vegetative parts of the plant like root, stem and leaf.
- The new plants produced through vegetative propagation resemble the parent plant in all respects

Learning Objectives:

- Give examples of plants that reproduce without seeds

https://gowriip.in/text-resources/lesson-plan-on-vegetative-propagation/

Students Teachers are learing use of Technology for presentation

CAC Lab 1

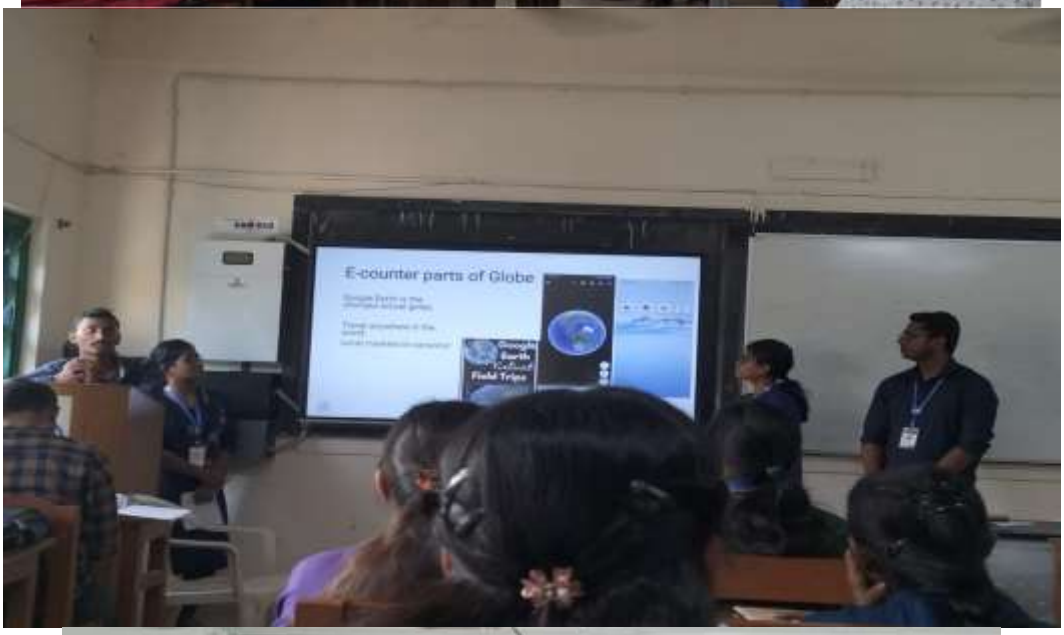
CAC Lab 2

CAC Lab 2

CAC Lab 3

Students-teachers are learning ICT

Student-teachers using Interactive Board during Internship


E-counter parts of Globe

Student-teachers using ICT during Internship at different JNVs

ADEQUATE SKILLS ARE DEVELOPED IN STUDENTS FOR EFFECTIVE USE OF ICT FOR TEACHING LEARNING PROCESS IN RESPECT OF

1. Development of assessment tools

   https://maths-quiz-987.netlify.app/ : Link for online quiz

   powerpoint for classroom chapter quiz

2. Sample evidence showing the task carried out for selected responses

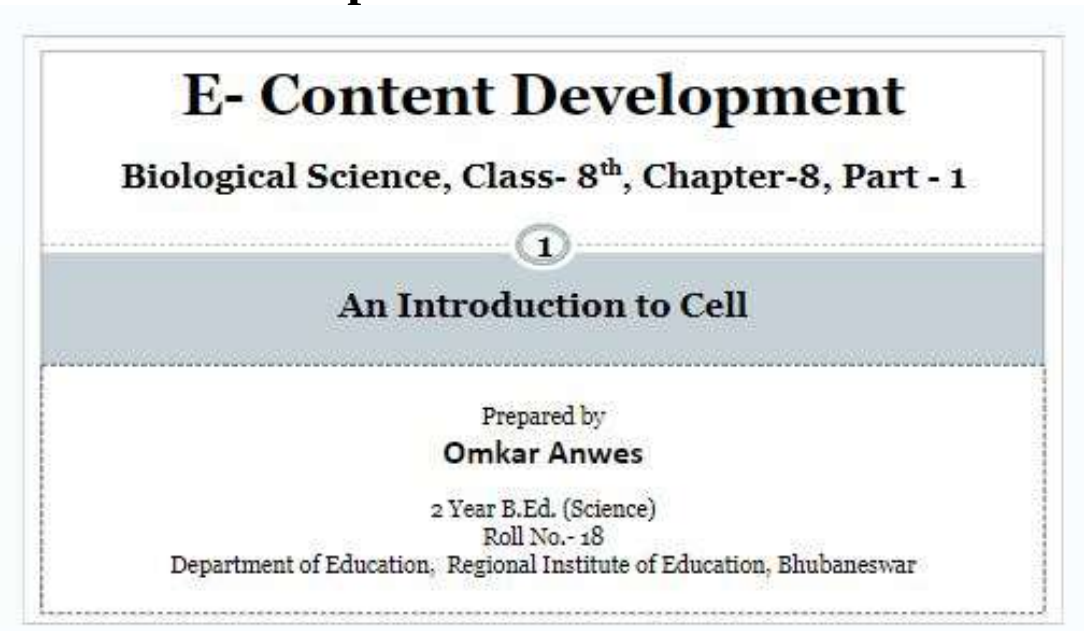
3. Developing/ selecting online learning resources

   PPT OF LIGHT CLASS 7 TO BE ATTACHED

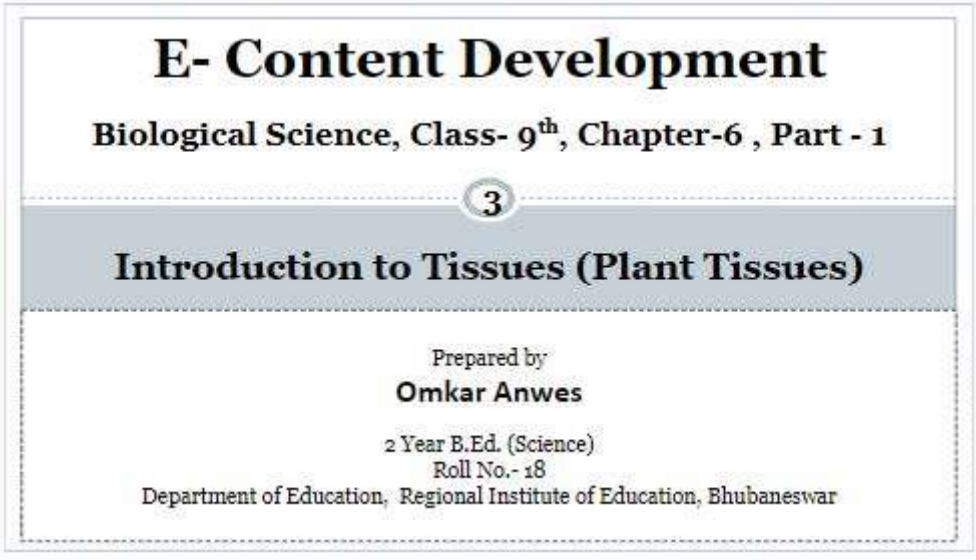
Evolving learning resources in youtube
https://youtu.be/EoE_NkF8N8k
https://youtu.be/s8IVjQg7yno
https://youtu.be/20Xk2XfDhuY
https://youtu.be/02w9lSii_Hs

2. E content

Student teachers are oriented in the process of e-content development in the ICT studio of institute.



https://docs.google.com/presentation/d/1K25RtrCdxfiXrfEu4s5HqEFU4qdiiiUg/edit#slide=id.p1



https://docs.google.com/presentation/d/1K6AxPzDc8sovmfWH8Vbab1ywvGaurfzs/edit#slide=id.p1

ICT Studio of the Institute for Facilitation

ICT STUDIO

ICT Studio is an important component of the Regional Institute of Education, Bhubaneswar. It was established in the year 2016 in collaboration with the CIET, New Delhi. The main function of the ICT studio is to design and produce audio-video e-contents relating to school and teacher education. The studio also conducts live educational TV programmes such as Sahyog, Paricharcha etc. which are transmitted in the PM eVidya channels of Ministry of Education, Govt. of India.
All the institutional activities and programmes are documented in the form of photos and videos by the ICT studio.

Prof. Ramakanta Mohalik
Nodal Officer, ICT Studio

The studio also facilitates State Governments under RIE, Bhubaneswar jurisdiction in the capacity building of state resource persons on the development of e-contents. It has immensely contributed in producing school based e-contents during the Covid-19 to facilitate learning. The ICT studio has produced more than 900 e-contents on different school subjects. Besides e-contents, the ICT studio of the Institute has documentedmore than 100 programmes of students& faculty during various academic extension, training & research activities of institutes.
The ICT studio is headed by a Nodal Officer who monitor and supervise overall activities and programmes of the studio. The Nodal Officer is assisted by Producer, Production Assistant, Sound Recordist, Audio Engineer, Camera Man etc.

ICT Policy

ICT Studio

ICT Studio

E-content Development Facilities

E-ADMISSION | RAJBHASHA HINDI | ALUMNI ASSOCIATION | RTI | ONLINE PAYMENT | COLLEAGUE SUPERANNUATED

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04. Out of classroom activities

ICT SUPPORT IS USED BY STUDENTS IN VARIOUS LEARNING SITUATIONS

Link of resources used

https://www.olabs.edu.in/
The OLabs is based on the idea that lab experiments can be taught using the Internet, more **efficiently and less expensively**. The labs can also be made available to students with no access to physical labs or where equipment is not available owing to being scarce or costly.

https://nearpod.com/
Real-time insights into student understanding through interactive lessons, interactive videos, gamification, and activities — all in a single platform.

https://www.mentimeter.com/
Interact with your audience using real-time voting.

Online quiz platform like **kahoot**,https://myquiz.org/a

GeoGebra Application: Graphing calculator

https://www.geogebra.org/?lang=en

SWAYAM portal and NPTEL
Provides MOOC(Massive Online Open Cources) for students

https://swayam.gov.in/
https://nptel.ac.in/

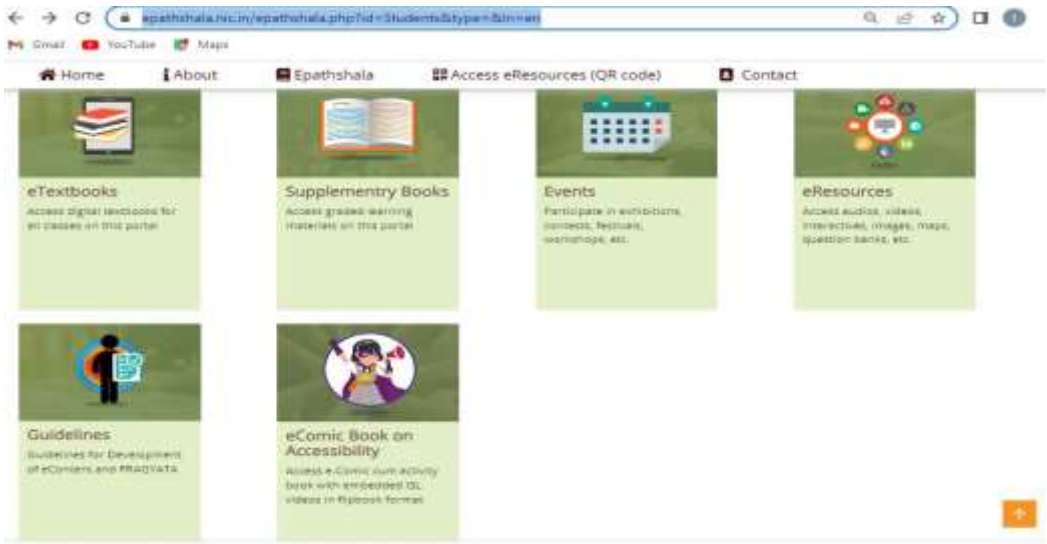
Maple Calculator

Advanced version of GeoGebra app

https://www.maplesoft.com/products/Maplecalculator/

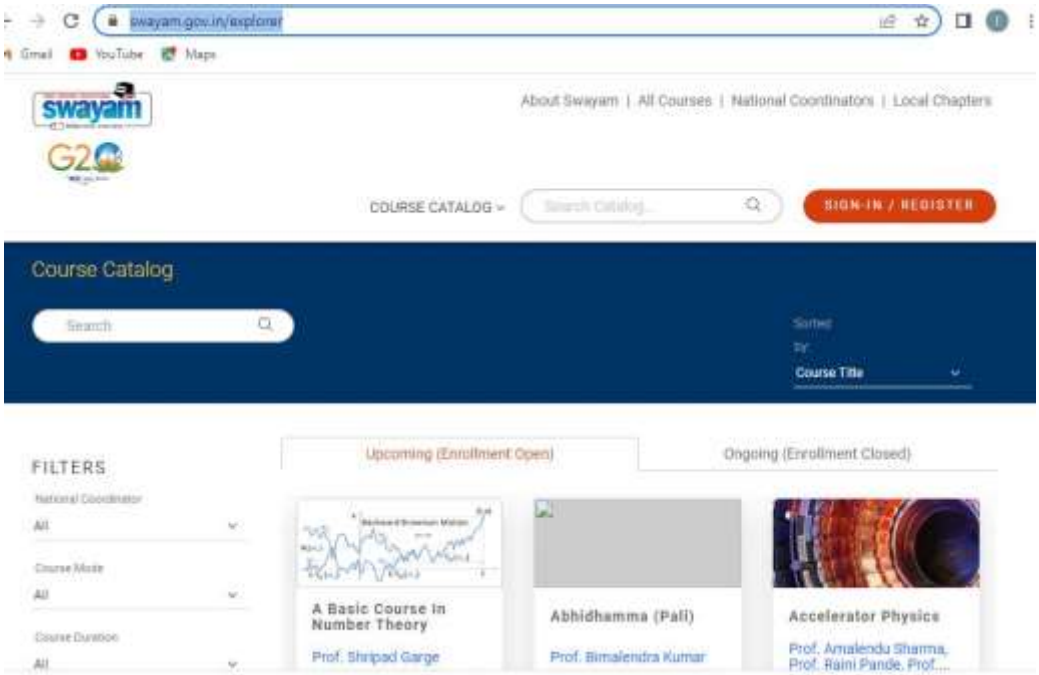
e-Pathsala

https://epathshala.nic.in/epathshala.php?id=Students&type=&ln=en



Swayam

https://swayam.gov.in/explorer



https://www.youtube.com/watch?v=e5KYf3KG19I