



Mediavala College of Educational Sciences, Nashik

First Year B.Ed

Year-2021-22

Practical Work

Course B.Ed -111: (A) CRITICAL UNDERSTANDING OF ICT

ENHANCING PROFESSIONAL CAPACITIES



Student Teacher's Name: Bhamare Poonam

Roll No: 05

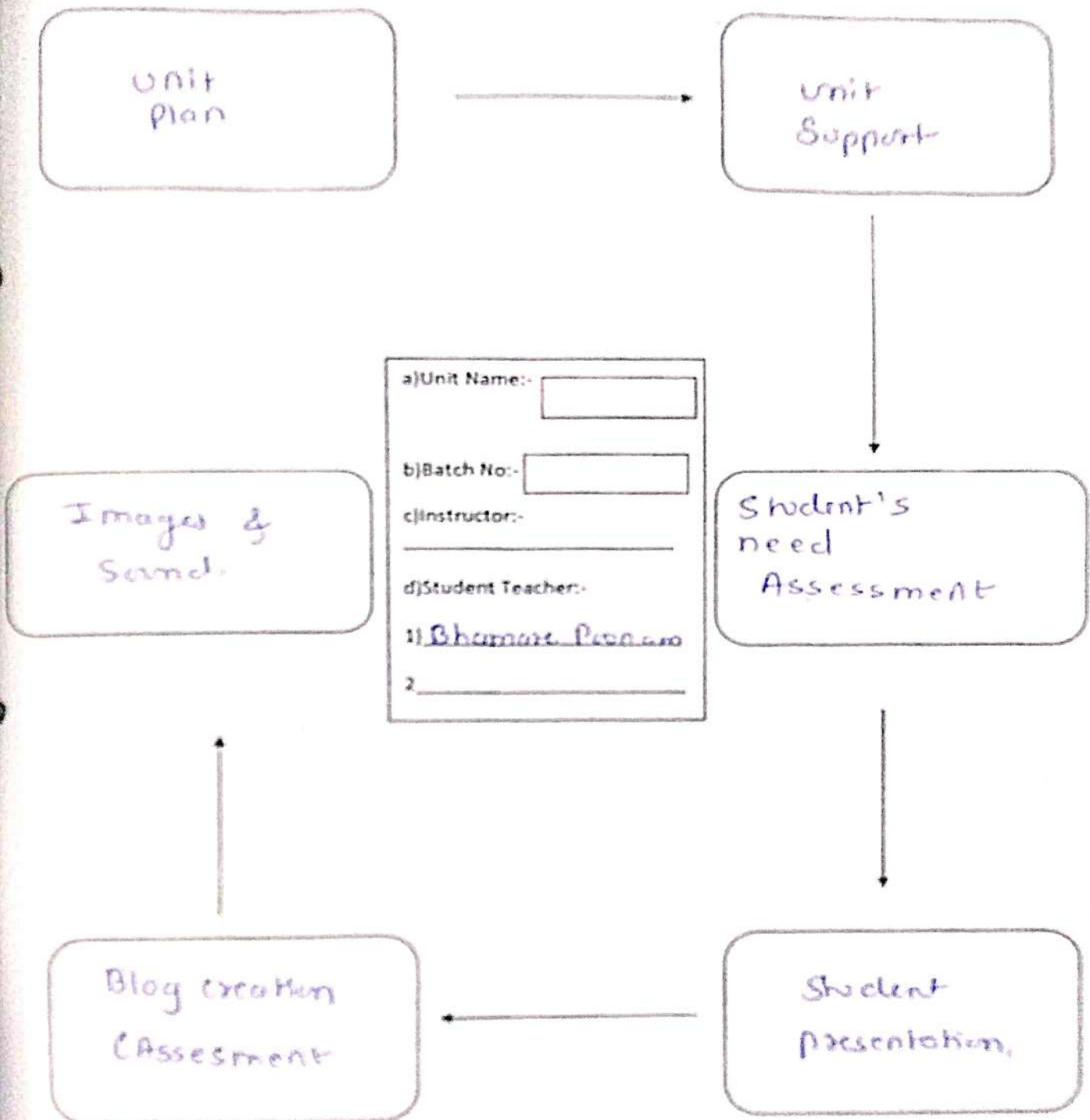
Topic: Water Pollution

Name of Teacher Educator: Prof. Mahendra Gaitwal


Sign of Teacher Educator

Technology Integrated Learning Journal

Flow Chart



Module No:- 1

Module Name:- Unit Plan

Objectives:- 1) To write the rough draft of unit plan
2) To write the summary of the topic
i.e. Water Pollution

3) To understand & study the 21st century skills.

4) To identify define the strategy Strategy of learning & about strategies of healthy life about same water same life towards students.

Steps:- 1) I wrote the Blank unit plan.

2) Then we discussed the topic & write the summary.

3) Then we prepared instructional procedure of "Water pollution".

4) Then we prepared assessment plan for the following topic.

Implementation of Module - information of Project:-

For this folder "unit plan" we first discussed about this folder / topic to

our guide Teacher Prof. Mahendra Chakraborty and he guided us with the same.

After the discussion we wrote the summary in the notebook. Then we took a print out of the Blank unit plan and wrote the details on it.

"First I wrote the title of project " Water pollution " and after that wrote the summary. This summary also include suggestion.

Next I wrote the subject as Social In the subject area " Science " Biology Class level 8th and then wrote the approximate time needed i.e 1 month

Then I listed the skills which can be improved by my topic.

The skills are as follows

Imagined abstract 100%

The skills are as follows.

- 1) Critical thinking & problem solving.
- 2) Communication & Collaboration
- 3) Information Literacy
- 4) Flexibility & Adaptability
- 5) Initiative & self direction
- 6) Leadership & responsibilities.

Then I thought about the objectives of my topic 1) To find out the right, laws acts of Biology.

- 2) To create awareness about "Water pollution".
- 3) To make awareness about water pollution.
- 4) To make students do understand their role & to stop others going against laws & acts
- 5) Next I thought about the question for Curriculum framing.

- a) Essential Questions
- b) Unit Questions
- c) Content Questions

Educational Implication:-

1. We have been told to set the objectives before teaching the content.
2. We have understood the editing & elimination power of the content.
3. We have acquired the various skills of 21st century.
4. We have understood the various strategies of teaching.
5. I learnt the concept of different things.
6. I get to know that we commit a crime when we copy others ideas & work.

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Module No:- 2

Module Name:- Unit Support

Objectives:-

1. To research the content to prepare the topic
2. To study theoretical concepts of topic & to apply on self
3. To prepare the webpage on the topic
4. To prepare powerpoint presentation
i.e Teacher presentation.

Steps:-

1. Creative Power point presentation
2. write introduction as "water pollution"
3. write the objectives of teaching to save water
"water pollution"
4. To write necessary questions related to topic
5. To write the content questions

Implementation of Module - information of Project:-

1. In this folder we create a power point presentation from the Student Teacher point of view

As per the Instructions we prepared the slide on "water pollution"

Slide No - 1

Describe the Title of the content

Slide No - 2

Second slide consist of ^{Introduction} Objectives.
Explained in details

Slide No - 3

Third slide consist objectives

Slide No - 4

Fourth slide contents questions.

(1) Essential questions

1) What is impure water?

(2) Unit Questions.

(3) Content Questions.

Slide No - 5

Five slide gives the idea about
Activity.

Slide No - 6

Slide No - 6 contents is "Role of Students
& outcomes."

Educational Implication:-

1. Presentation file was prepared for the topic "Water Pollution".
2. Through the teacher presentation I get complete idea to teach my topic.
3. It was good me all student teacher learnt the skill of using technology for preparing power point presentation.
4. It becomes more attractive and eye catching as it adds audio video effects in teaching & learning.

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Module No:- 3

Module Name:- Student Need (Assessment)

Objectives:- 1) To study the need of the students regarding

"Water Pollution"

2) To prepare K.W.L Chart according to topic

3) To learn the rating Scale of discussion

4) To prepare questionnaires of pre-teaching regarding healthy life and saving water

5) Question were prepared & labelled as questionnaires

6) To learn the rating Scale of discussion

Steps:- 1. To find out the needs of students with the help of discussion with teacher.

2. I searched the importance, benefits, laws of saving water.

3. Question were prepared & labelled as questionnaires.

Implementation of Module - information of Project:-

According to the guidance of Prof. Mahendra Gaikwad, we prepared K.W.L chart in first plate.

K.W.L = Know + Wonder + Learner

K.W.L Chart

What do you think about water pollution	What questions do you wonder about?	What have you learned from topic "water pollution"
1. The pollution of water is increasing	1. Why people are unaware of importance of purity of water?	1. We should give equal importance to boy & girl child in family & society.
2. The most significant reasons for impure water is improper use of water	Why people don't bother to save water or avoid wastage of water	profound thinking may lead to better results.
3. Many people suffer from various internal & external diseases because of polluted water.	How will we make people aware of the importance of pure water	It is quit difficult but not impossible to prevent water from getting polluted
4. If people take care & responsibility to keep or use water safely then it can give a lot of help to get pure water	What role society plays in keeping water pure.	
5. What is important component for Human being	Is there any solution for scarcity of water?	

* Pre-teaching questions *

1. What are the causes of water to get impure?
2. What is pure water?

* During-teaching questions *

1. What are the remedies to make impure water pure?

* After Teaching questions *

1. Why is it important to save water from today itself?
2. How can we as a society make awareness for saving water?

Educational Implication:-

1. Analyse the awareness of water pollution.
2. I also understood how to create awareness of other benefits & need to save water with the use of information & communication technology.
3. I have used my knowledge & skills in computer for this practical.
4. I also learnt how to prepare questions for student assessment.

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Module No:- 4

Module Name:- Student Presentation

- Objectives:-
- 1) To prepare powerpoint presentation
 - 2) To give effects of animation to the slides
 - 3) To search the related image & insert it into the slide
 - 4) To arrange slide in logical sequence
 - 5) To synchronize the text & images
 - 6) To insert audio & videos in the presentation

- Steps:-
- 1) First create the PPT
 - 2) Choose the design & title page
 - 3) Add more slide
 - 4) Insert video, picture, Animation etc.
 - 5) Add transition & the change sequence
 - 6) Play the presentation.

Implementation of Module - information of Project:-

By the guidance of our guide teacher Prof. Mahendra Gaikwad, we prepared the PPT for the Student presentation.

Slide 1:- Describes the title of the project and also the name of whom prepared and also my roll no.

Slide 2:- The second slide consist of content.

Slide 3:- The third slide consist of Introduction explained in details

Slide 4:- The fourth slide consist of How much water we need for proper body functioning.

Slide No 5:- The slide gives Idea about Contaminants like Bacteria, Parasite Present in water

Slide No 6:- Sixth & Seventh slide tells about health effect & quality of water & 7

Slide No 8:- Gives Idea about flooding After deforestation of a hillside

Slide No 9:- The ninth slide consist of picture which shows the treatmat forested Hillside & reducing flood risk.

Slide No 10:- The 10th slide tells you extent of groundwater pollution & preventing groundwater pollution

Slide NO 11:- The 11th slide give idea to
presenting Non-print Source
pollution

Therefore in this manner we have
completed ~~our~~ Student presentation.

Educational Implication:-

- 1) A presentation file was prepared for the topic "water pollution for the student who are unaware about the water pollution.
- 2) Though the teacher's presentation I get complete idea to teach my topic.
- 3) It was good, we all student teacher learnt the skill by using technology for preparing ppt.
- 4) Powerpoint presentation is creative & useful tool.
- 5) It becomes more attractive & eye catching as it adds audio-video effect in teaching & learning.

Module No:- 5

Module Name:- Blog Creation (Assessment)

- Objectives:-
- 1) To create the blog on bloggers website
 - 2) To study ways of blogs
 - 3) To Publish the study material related to "Water pollution"
 - 4) To insert image on the blog
 - 5) To save the link of blog in word Document.

- Steps:-
- 1) Go to <http://www.blogger.com>
 - 2) Click on the link & create blog
 - 3) Enter username & password to create account.
 - 4) After filling all details & give title & choose template.
 - 5) Post date & image
 - 6) Click on Publish

Implementation of Module - information of Project:-

First Sir gave us the orientation for creating blog. He explained in detail what a blog is. How to create it online? After orientation, we all went to ICT laboratory & Sir showed the practical demonstration of blog creation on bloggers.com websites. After creating blog Sir showed us how to publish it. Once Sir had done with demonstration, we all started creating our account on www.bloggers.com.

After blog creation we all created our own blog of our own topic. My topic is "Water Pollution".

I posted some content & images related to my topic on my blogger page which I had created on

www.blogspot.com. Being a computer master I know how to create blog. So I took permission from our guide sir that I can use my blog account of blogspot.com. Sir gave me the permission & then I proceed with my creation of blog of my topic.

It was very easy way to create blog as prof. Mahendra Sir instructed us in a very simple steps.

From this practical of creation of blog I learnt that we can easily reach to public & can share our thoughts and ideas with public.

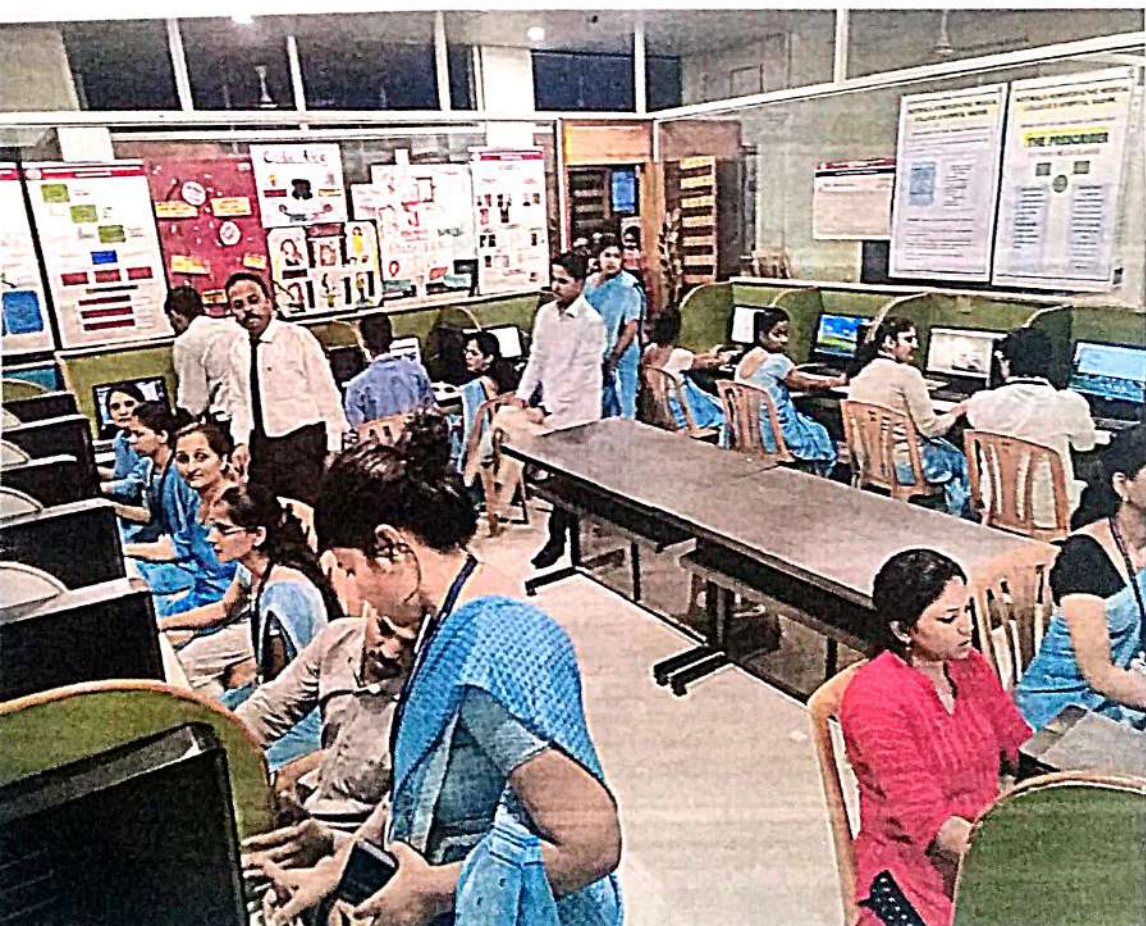
After creation of blog & posting of images on it we have copied the link from address & posted in the word document.

As guided by our prof. Mahendra Sir links should be in blue colour in the word document & when it is linked a user should be redirected to my blog page.

link of my blog is
://Pbhamore339.blogspot.in/.

ision of blog shows how we are sharing
thoughts with people all over the
ed.

Thus in this way we have successfully
eted our creation by blog.



Educational Implication:-

1) The creation of blog on blogger.com or on edu. blog. org. was understood

2) I have created blogger account with my registered gmail. id & give the link to visit my blog.

3) I learnt how to convey the thoughts and ideas among the mass

4) I also learnt how to publish the post & upload the image on it.

5) I learnt how to post comment on another blogs.

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Module No:- 06

Module Name:- Images & Sounds

- Objectives:-
- 1) To search for the image related to my topic "Water Pollution"
 - 2) To download videos related to my topic
 - 3) To search for the audios related to my topic & do use in presentation.
 - 4) To understand the colour schemes & interest related to images of the target group.

Steps:- To study various search engine like google.com, ask.com.

- 2) Large view of the images have to be same in the folder & sound
- 3) I use youtube downloader & download video on "Water Pollution".

Implementation of Module - information of Project:-

To Download the image, audio & video we require copyright permission so with copyright permission folder we have created the more folder named as Images & Sounds. There 2 folder were created in the folder named as Image & Sound.

Without Images & Sound Presentation does not look good to audience. It creates interest to watch the presentation because images describe more about the topic.

My topic "Water Pollution" was difficult for the non but say but it is important to understand for all. So, I have download some images for any topic to be used in the presentation.

- 1) Copyright Symbol.
- 2) Water pollution.
- 3) Importance to prevent water pollution
- 4) Charts.

Also I have understand some videos on "Water pollution" which prepresses the meaning of my topic in details

After writing the blog people will understand the effect of water pollution.

I have download all the images from google.com & saved in the Image folder.

Educational Implication:-

- 1) We learnt how to search the image related to the topic using search engine.
- 2) We learnt how to download & save the images & videos at specific location.
- 3) Using search engines we have downloaded the images on our topic & using images we have created posters.
- 4) Images & videos are effective way of teaching & describes more about the topic.

Signature of Teacher Educator