SREE VIVEKANANDA TEACHER EDUCATION CENTRE
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(Under the Management of Sree Vivekananda Educational and Charitable Trust)

KEY INDICATOR

2.4 COMPETENCY AND SKILL DEVELOPMENT

METRIC 2.4.5

Adequate skills are developed in students for effective use of ICT for teaching learning process in respect of

1. Preparation of lesson plans

2. Developing assessment tools for both online and offline learning

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

4. Identifying and selecting/ developing online learning resources

5. Evolving learning sequences (learning activities) for online as well as face to face situations

Documentary evidence in respect of each response selected

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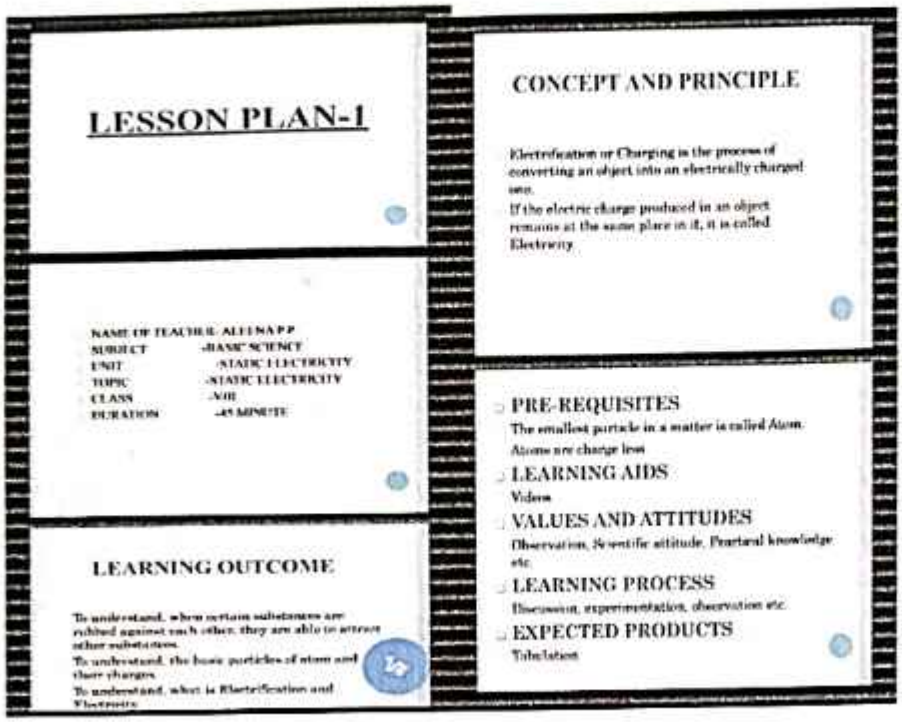
1. Preparation of lesson plans



LESSON PLAN-1

NAME OF TEACHER: ALEENA P P
SUBJECT :BASIC SCIENCE
UNIT :STATIC ELECTRICITY
TOPIC :STATIC ELECTRICITY
CLASS :VIII
DURATION :45 MINUTE

LEARNING OUTCOME

To understand, when certain substances are rubbed against each other, they are able to attract other substances.
To understand, the basic particles of atom and their charges.
To understand, what is Electrification and Electricity.

CONCEPT AND PRINCIPLE

Electrification or Charging is the process of converting an object into an electrically charged one.
If the electric charge produced in an object remains at the same place in it, it is called Electricity.

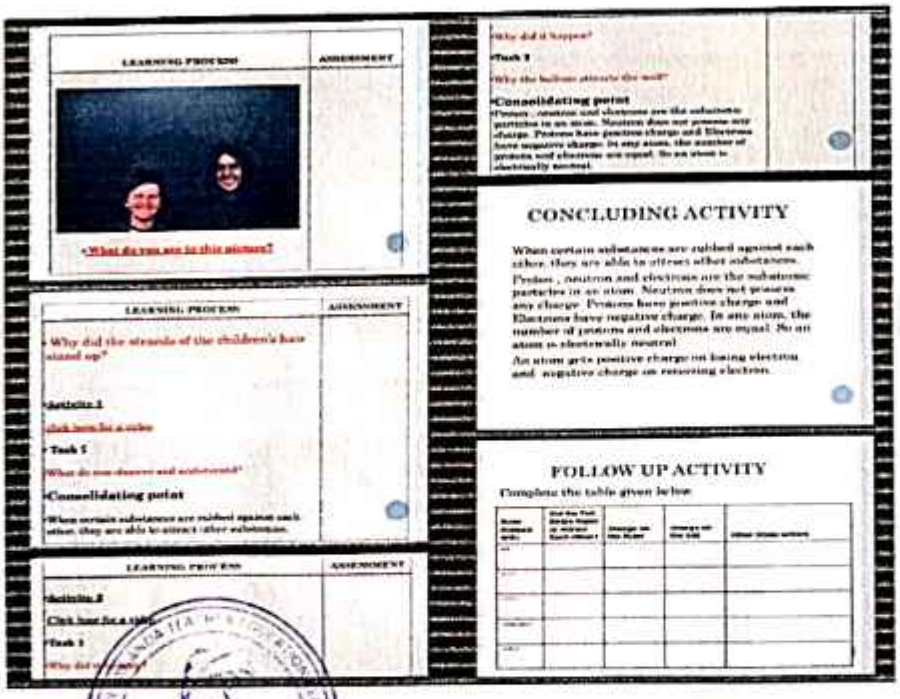
PRE-REQUISITES
The smallest particle in a matter is called Atom.
Atoms are charge less

LEARNING AIDS
Videos

VALUES AND ATTITUDES
Observation, Scientific attitude, Practical knowledge etc.

LEARNING PROCESS
Discussion, experimentation, observation etc.

EXPECTED PRODUCTS
Tabulation



LEARNING PROCESS | ASSESSMENT

•What do you see in this picture?

LEARNING PROCESS | ASSESSMENT

• Why did the strands of the children's hair stand up?

•Activity 1

Click here for a video

• Task 1

•What do you observe and understand?

•Consolidating point

•When certain substances are rubbed against each other, they are able to attract other substances.

LEARNING PROCESS | ASSESSMENT

•Activity 2

Click here for a video

•Task 1

•Why did it happen?

•Task 2

•Why the balloon attracts the wall?

•Consolidating point

•Protons , neutron and electrons are the subatomic particles in an atom. Neutron does not possess any charge. Protons have positive charge and Electrons have negative charge. In any atom, the number of protons and electrons are equal. So an atom is electrically neutral.

CONCLUDING ACTIVITY

When certain substances are rubbed against each other, they are able to attract other substances.
Protons , neutron and electrons are the subatomic particles in an atom. Neutron does not possess any charge. Protons have positive charge and Electrons have negative charge. In any atom, the number of protons and electrons are equal. So an atom is electrically neutral.
An atom gets positive charge on losing electron and negative charge on receiving electron.

FOLLOW UP ACTIVITY

Complete the table given below

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2. Developing assessment tools for both online and offline learning

Quizzes

"ENVIRONMENTAL DAY QUIZ COMPETITION 2022"

This quiz has a total of 20 questions

Each question has 30 seconds

The total time for the quiz is 10 minutes.

The quiz link will be posted on the WhatsApp group exactly at *10:55 AM*

No one will be able to join after the quiz starts.

Ensure your participation by joining the link on time

To join the quiz, click on the quiz link, enter your full name and click on the Start button Even if all your answers are correct, you may not be the winner. The winner is the only person who finish the quiz with correct answers as fast as possible

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https://quizizz.com/join?gc=491921

Google forms

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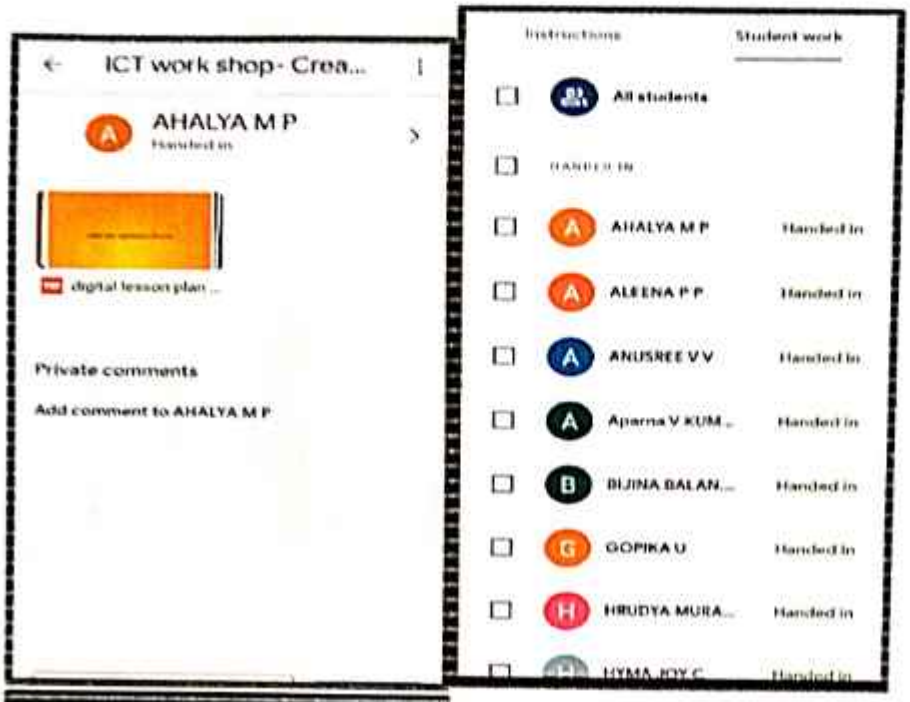
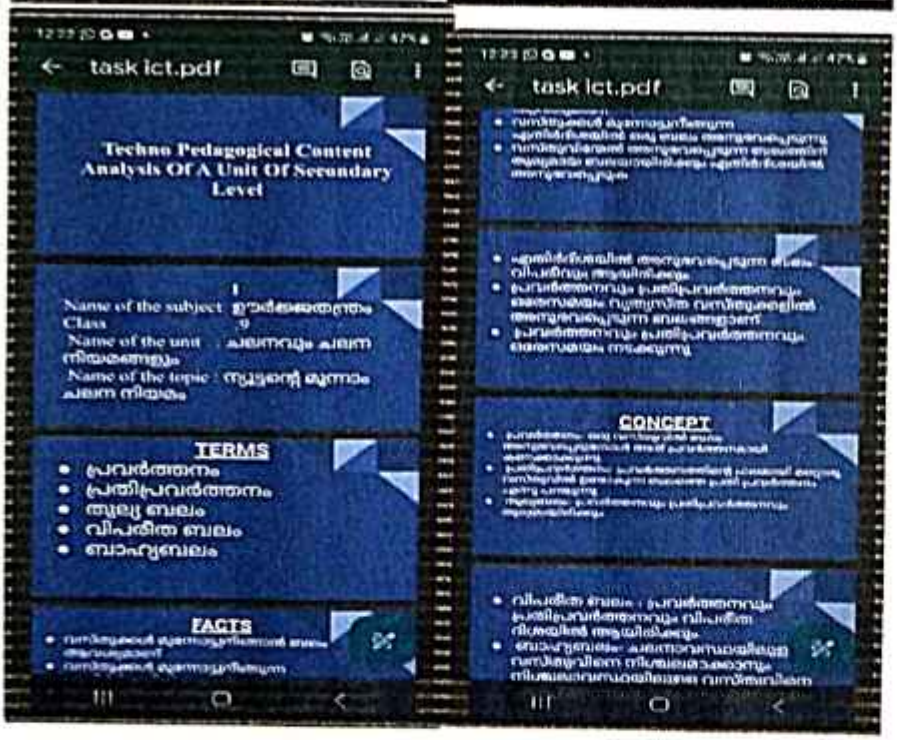
3. Effective use of social media/learning apps/adaptive devices for learning





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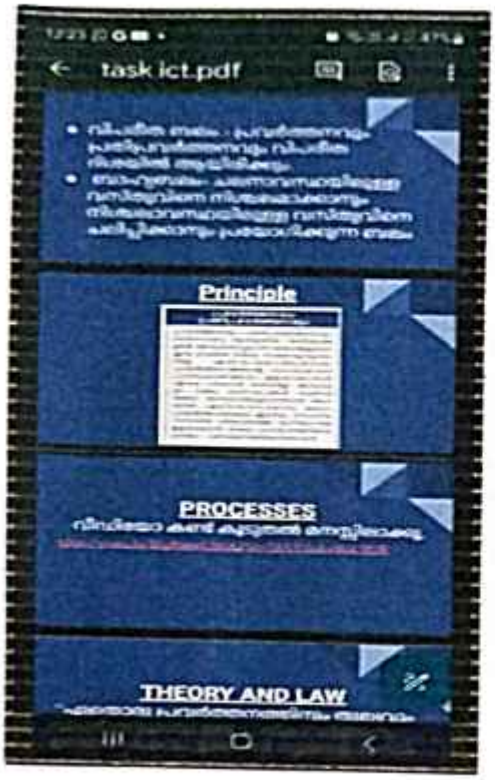

WhatsApp group

PAL
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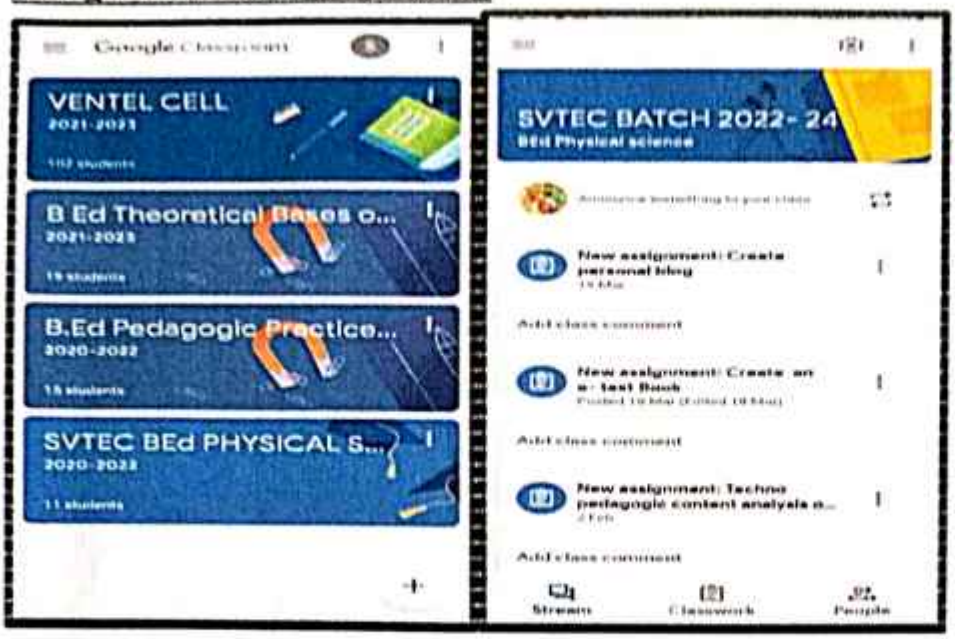
CENTRE B.E

Google classroom screenshot



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4. Identifying and selecting/ developing online learning resources

Google meet

Online criticism class

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5.Evolving learning sequences (learning activities) for online as well as face to face situations

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