



Vidya Jyothi Institute of Technology

(Accredited by NAAC, NBA, Approved by AICTE New Delhi & Permanently Affiliated to JNTUH)
Aziz Nagar Gate, C.B. Post, Hyderabad-500 075

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Innovative Teaching Method 2020-21

Title of Innovative method: Conceptualized Learning through Animated Videos

Name of the faculty : CH.VIKRAM

Designation : Asst. Prof.

Course Name : Energy Storage Systems (ESS)

Objectives of method: To improve the student analyzing skills through visualization. This activity orients such that the students can analyze the concept through visualization for better understanding and also inculcate the interest and involvement in the lecture sessions.

Topic Covered through activity:

- (i) Concept of Energy Storage System
- (ii) Importance of Energy Storage System
- (iii) Roles of Electrical Energy Storage Systems
- (iv) Types of Energy Storage Systems
- (v) Pumped Hydro Storage System

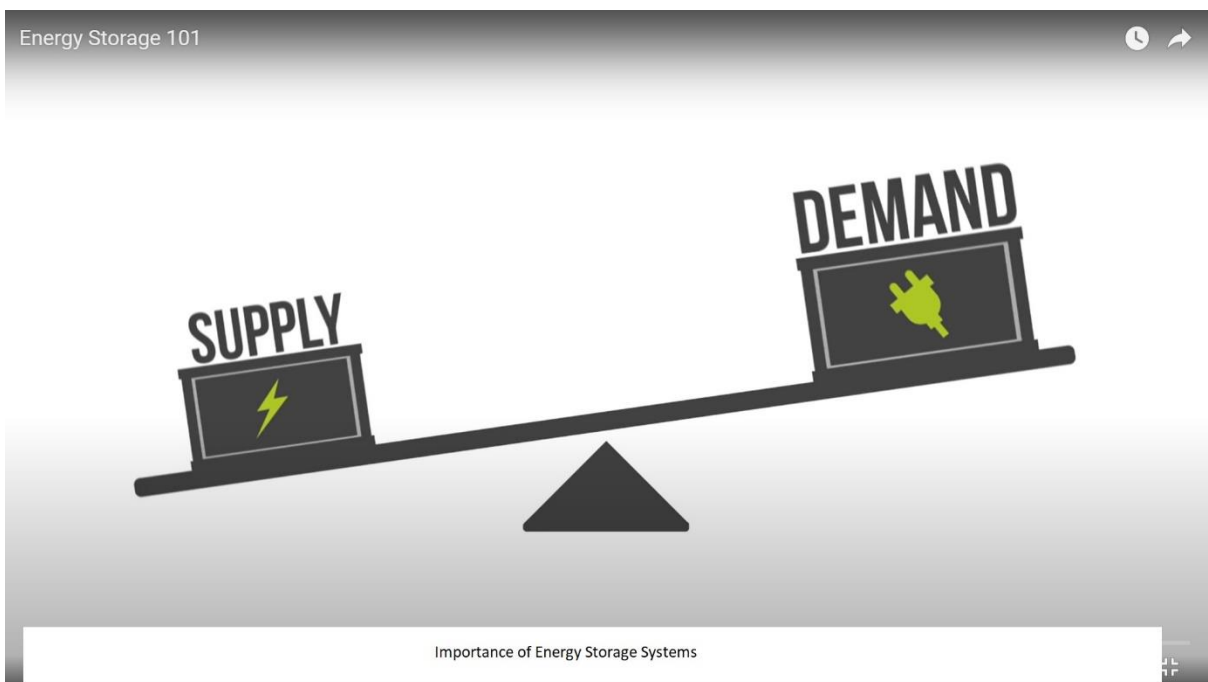
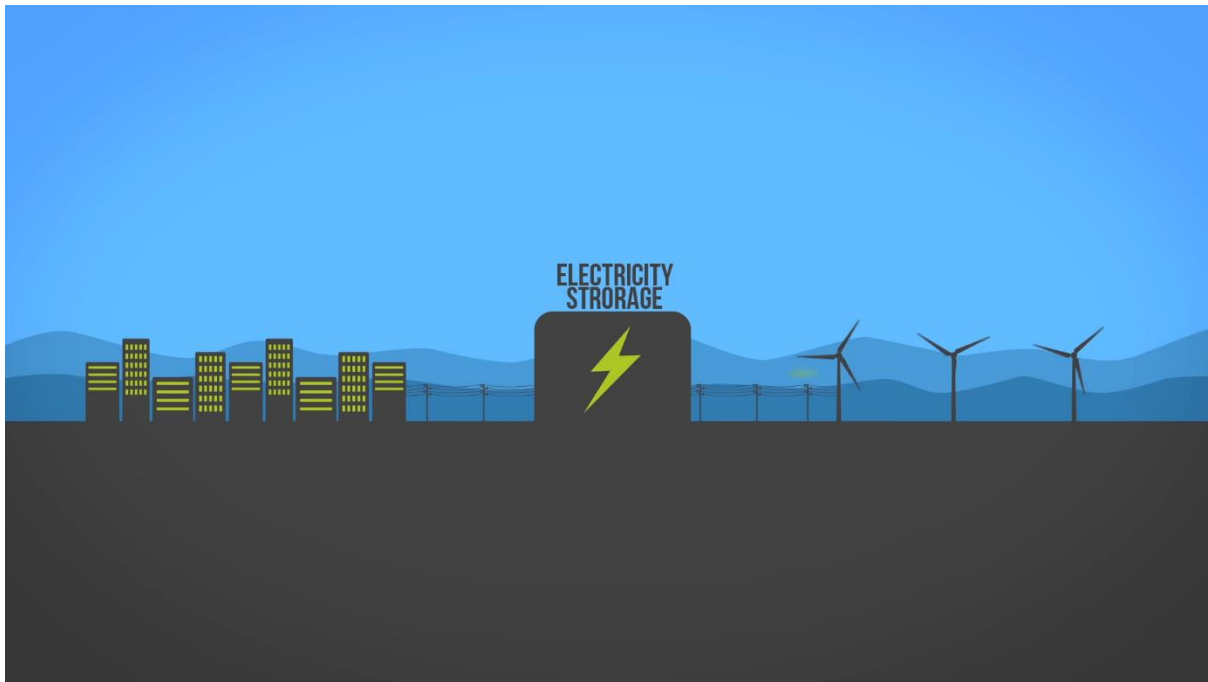
Description of the method:

In this method animated videos are delivered to the students before the class and understanding of student is assessed by discussion on the topic in the classroom. This method will

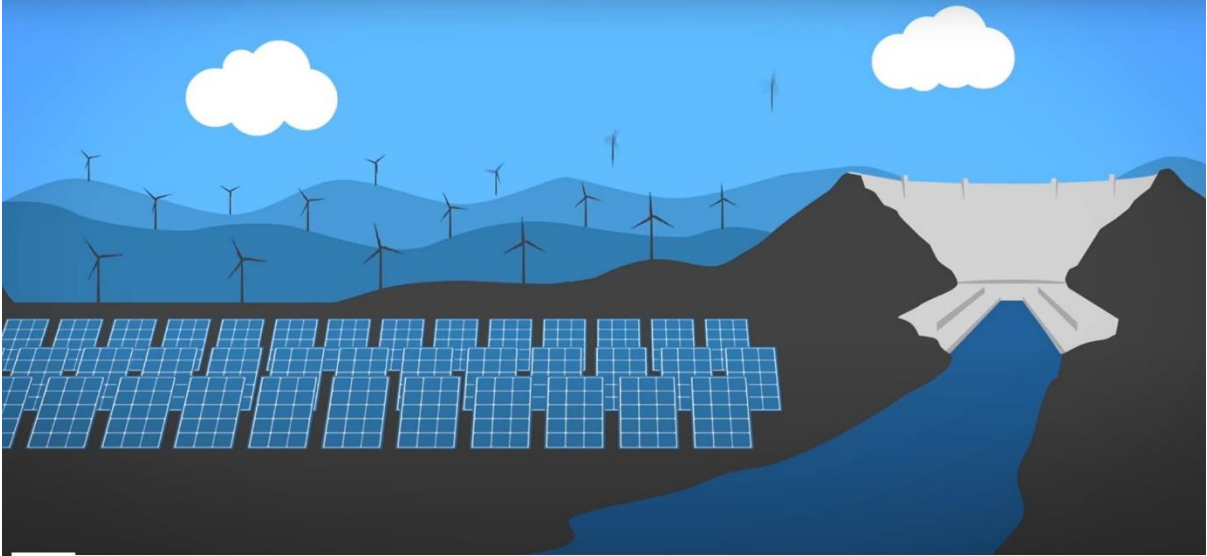
- Promote student learning and academic achievement.
- Enhance student satisfaction with their learning experience.
- Develop analyzing skills.
- Help students to develop skills in oral communication
- Promote student self-esteem.

Benefits of Method: It has improved the student's development of higher-level of thinking, analyzing skills, communication skills, self-management and leadership skills.

Concept of ESS

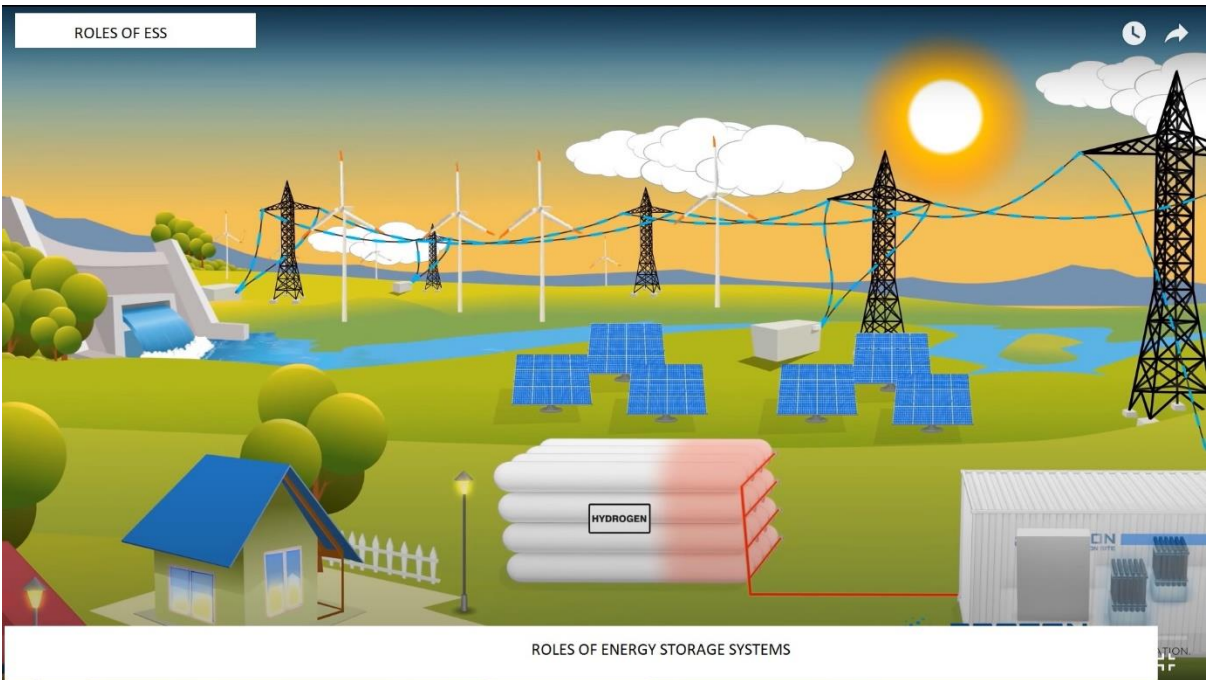


Energy Storage 101

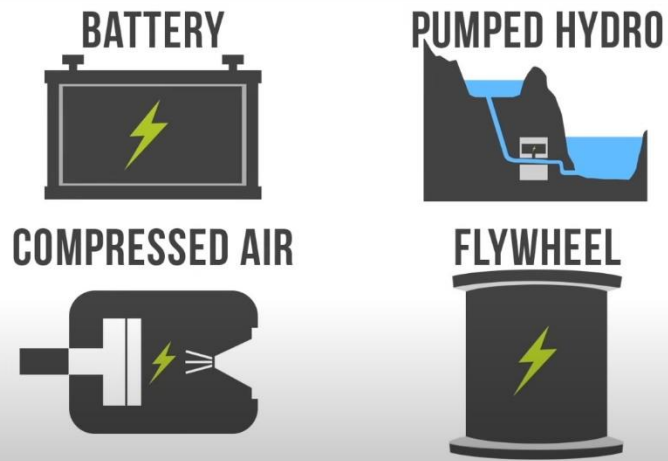


Importance of ESS

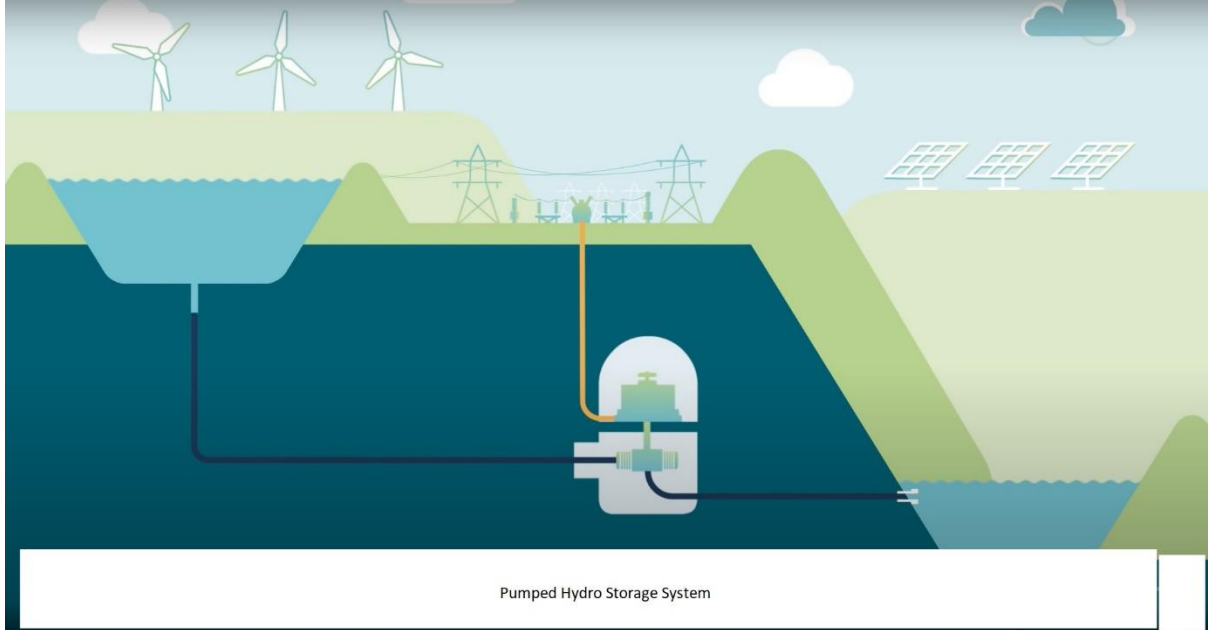
ROLES OF ESS



ROLES OF ENERGY STORAGE SYSTEMS



Types of ESS



Outcome: Better understanding & analyzing skills of students will be improved

For review contact: vikramch@vjit.ac.in

