



**Department of Mechanical Engineering  
Academic Year 2021 – 2022 (Odd Semester)**

**Degree, Semester & Branch: B.E,VII Semester Mech, EEE,ECE**

**Course Code & Title: GE8071 & Disaster Management**

**Name of the Faculty member (s): Dr.S.Godwin Barnabas ASP/Mech**

### Innovative Practice Description

- **Unit / Topic: Unit II /Preparedness**

- **Course Outcome: CO2**

- **Topic Learning Outcome: TLO5**

- **Activity Chosen: Role play**

- **Justification:**

The need to prepare for the disaster is necessary during the time of natural as well as it is a man-made.

The process of handling the toughest situation will be made simple by making the people to prepare to face disaster in terms of construction, technology and the use of supporting accessories.

- **Time Allotted for the Activity:** 30 Minutes students discussed about their preference in choosing the essential commodities for the emergency kit bag.

- **Details of the Implementation:**

Students role play the process in preparing the emergency kit bag during the disaster. Here the groups of students are explaining to the class students what the essential commodities they will carry over are in their emergency kit bag for their survival in disaster times.

- **CO – PO / PSO mapping:**

CO	PO1	PO2	PO6	PO9	PO10	PO12	PSO
CO2	2	2	3	2	2	2	-

(1 – Low      2 – Moderate      3 – High)

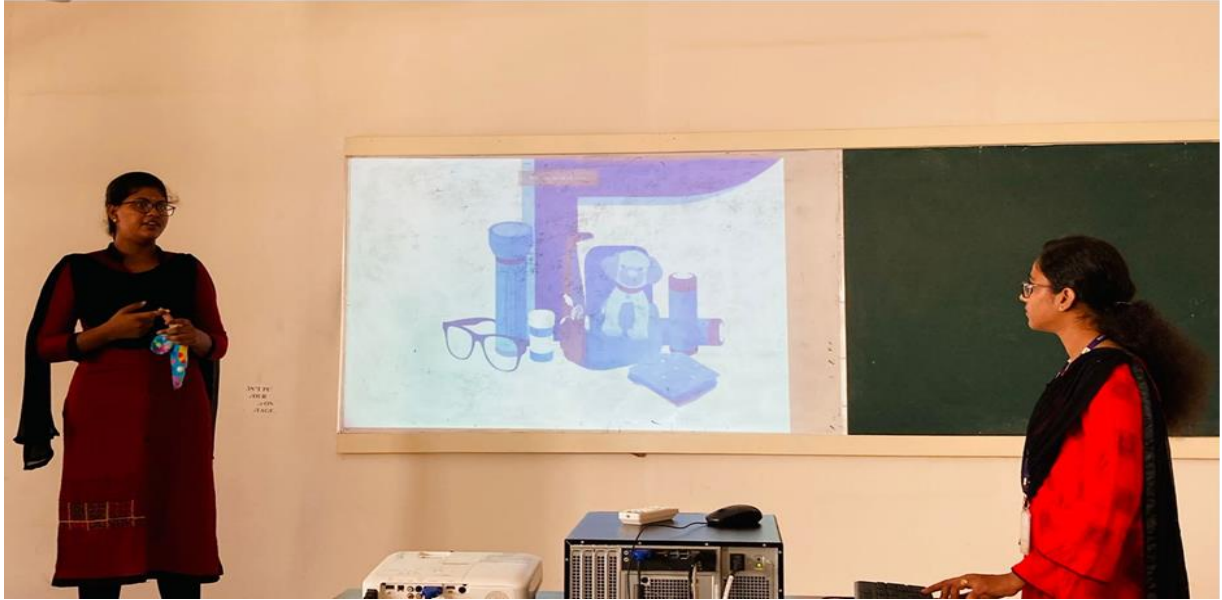
- **PO / PSO mapped:**

Innovative practice	PO1	PO2	PO6	PO9	PO10	PO12	PSO
	2	2	3	2	2	2	-
<b>Justification for correlation</b>	Pre-requisite knowledge about preparedness is necessary so it is given level 2	To obtaining conclusion for the complex disaster problems occurred so it is	Understand the role of engineers while preparing emergency kit bag for disaster risk so it is	Individual work is necessary while preparing for the essential commodities in emergency	Individual or group of peoples while preparing their emergency bag will have their important contacts for communication	Preparedness for the disaster is a continuous process. So, it is given level 2.	



		mapped at level 2	mapped at level 3	bag so it is marked as level 2	to the officials during disaster. So, it is marked as level 2.		
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• **Images / Screenshot of the practice:**





- **Reflective Critique:**

- ❖ ***Feedback of practice from students and other stakeholders:***

Students feel this emergency kit big preparation is mandatory for the recent days where they are facing more natural calamities.

- ❖ ***Benefit of the practice:*** (E.g.: Outcome attainment would have increased due to innovative practice over conventional practice)

Preparedness is the key element in controlling the disaster impacts. So, while having the demo of preparing the emergency kit bag it makes the students to better understand the concept preparedness. It is also used attain the better course outcome.

- ❖ ***Challenges faced in implementation:***

Since the zone where the students are safer compared to the disaster prone areas. There is a chance for the students to take it slightly while preparing the emergency kit bag.

References:

- ❖ Singhal J.P. Disaster Management, Laxmi Publications, 2010. ISBN-10: 9380386427 ISBN-13: 978-9380386423
- ❖ Tushar Bhattacharya, Disaster Science and Management, McGraw Hill India Education Pvt. Ltd., 2012. ISBN-10: 1259007367, ISBN-13: 978-1259007361]
- ❖ Gupta Anil K, Sreeja S. Nair. Environmental Knowledge for Disaster Risk Management, NIDM, New Delhi, 2011

**Signature of Faculty Member**

**HOD**

