

. Department of Chemistry

Academic Year 2021 – 2022(Odd Semester)

Degree, Semester & Branch: B.E. V & EEE, MECHANICAL

Course Code & Title: OCE551 Air Pollution & Control Engineering

Name of the Faculty member (s): Mr.V.Ragavan

Innovative Practice Description

- **Unit / Topic:** Unit 2 / Revision of Unit 2
- **Course Outcome:** CO2
- **Topic Learning Outcome:** TLO5.
- **Activity Chosen:** Think & Share
- **Justification:**
 - It helps students to think individually about a topic or answer to a question.
 - It teaches students to share ideas with classmates and builds oral communication skills.
 - It helps focus attention and engage students in comprehending the reading material.
- **Time Allotted for the Activity:** 20 Minutes
- **Details of the Implementation:**
(A brief content about how the practice was followed)

• **CO – PO / PSO mapping:**

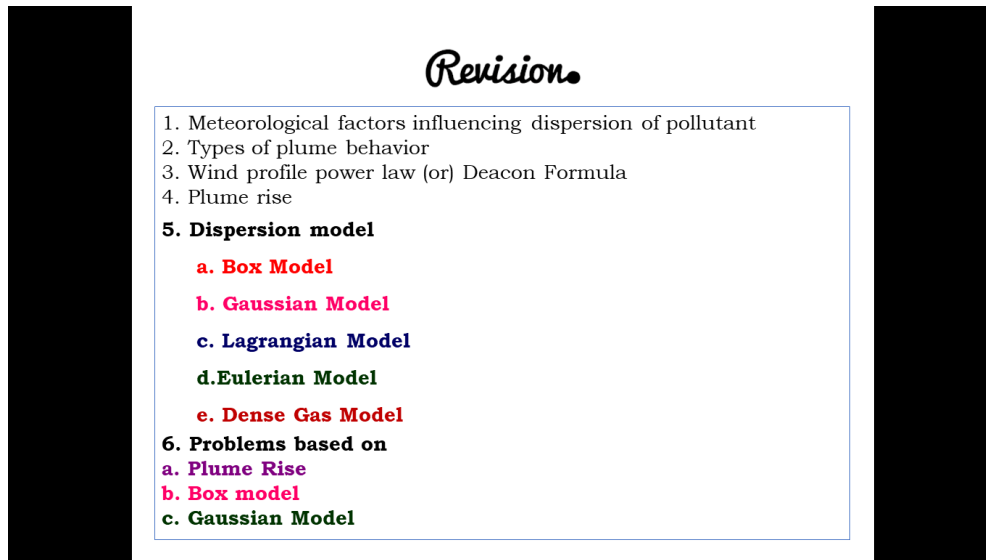
CO	PO1	PO2	PO6	PO7	PSO4
2	3	2	2	2	1

(1 – Low 2 – Moderate 3 – High)

• **PO / PSO mapped:**

Innovative practice	PO1	PO2	PO6	PO7	PSO2
Justification for correlation	Students will be getting Meteorological knowledge which is very essential to aware the impact of air pollution.	Dispersion of air pollutant will be estimated using mathematical principles.	Meteorological factors affect the atmosphere and also create the problem to human health, societal.	Students can able to understand the environmental impacts and giving solutions due to air pollutants in atmosphere.	Predicting the rate of air pollution emitted from industry with the help of mechanical devices.

- Images / Screenshot of the practice:



- Reflective Critique:

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

Students enjoyed a lot and it was very helpful to revise the topic that learnt under unit -2

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

The Think-Pair-Share activity gives them the opportunity to feel more comfortable sharing their thoughts. In addition to fostering social skills, this strategy also improves students' speaking and listening skills. When pairs brainstorm together, each student learns from their partner.

- ❖ *Challenges faced in implementation:*

- ❖ Lack of student Involvement.
- ❖ Lack of Effective Communication Strategy.

References:

- ❖ <https://www.youtube.com/watch?v=vxMOI2Vnw54>

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