

Department: EEE

Name of the course: Power Plant Engineering

Name of the topic: Solar PV System

Question 1: Question to launch thinking and relate to the topic

1. What is Renewable Energy?
2. Why we are going for Renewable Energy for power generation?
3. What is the most popular form of Renewable Energy?

Question 2: Subsequent Questions for FACE TO FACE CLASS

1. Why Solar Energy is the most popular form Renewable Energy?
2. What are the characteristics of Solar Cell?
3. How sunlight is utilized by a solar cell?
4. What are the operational parameters of a solar PV system?

Question 3: Question for Peer Counseling (Group Work)

1. What form of power does Solar cell produce (DC or AC)?
2. How can we design a grid connected Solar System?

Question 4: Question for Reflecting on Learning in class

1. How would you explain the design procedure of a Solar PV system?

Question 5: Questions for online Peer Counseling (with marks)

1. Why the efficiency of a solar PV system is low ? How it's efficiency can be improved?