



PSN ENGINEERING COLLEGE

Melathediyoor, Palayamkottai Taluk, Tirunelveli District, Pin - 627 152.

(Approved by AICTE and Affiliated to Anna University)

An ISO 9001 : 2015 Certified Institution

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Ref No- PSNEC/2022-23/MECH SCI-II/VAC/SCH-04

Date: 13-03-2023

Schedule

Solar Thermal Systems

Name of the Course coordinator- S.Asaikkani

Date	Hour 1	Hour 2	Hour 3	LUNCH BREAK	Hour 4	Hour 5	Hour 6
	(09.30 -10.30AM)	(10.30-11.30AM)	(11.30AM-12.30PM)		(01.30-2.30PM)	(02.30-3.30PM)	(03.30-4.30PM)
13-03-2023	Solar Heater: Introduction, Types	Materials	Heat transfer calculation		Working fluids	Experiments	Experiments
14-03-2023	Solar concentric collectors	Types- Dish type	parabolic collector		working fluid used	heat transfer calculations	heat transfer calculations
15-03-2023	Solar Dryer	Solar Dryer	Solar cooking		Solar cooking	Solar stove	Solar stove
16-03-2023	Design and Solar Power Systems	Design and Solar Power Systems	Design and Solar Power Systems		Installation and requirement	Installation and requirement	Installation and requirement
17-03-2023	Installation Space	Installation Space	Dimensions and Measurement		Dimensions and Measurement	Installation Procedure	Installation Procedure
18-03-2023	Precautions	Precautions	Trouble shooting		Trouble shooting	Power quality analyzer	Power quality analyzer


Course Coordinator


HOD/ Mechanical Sciences