

Detailed Teaching Plan

Lecture No	Unit No	Topics to be covered	Planned Date	Execution Date	Remarks
01	01	Basic of wind energy	7/1/25	9/1/25	-
02	01	Sited selection of wind energy	9/1/25	15/1/25	-
04	01	wind energy system Types	17/1/25	17/1/25	- (15)
05	01	classification of wind turbine	18/1/25	12/1/25	- (10)
06	01	H.A.W.T.	20/1/25	20/1/25	- (1)
07	01	V.A.W.T.	20/1/25	20/1/25	- (1)
08	01	performance analysis of wind turbine	20/1/25	21/1/25	- (15) } 2 class
09	01	wind ventilator	21/1/25	21/1/25	(15) }
10	01	Grid connectivity	21/1/25	21/1/25	
11	01	Installation & Maintenance of wind turbine	25/1/25	25/1/25	Assignment (1) given
<u>unit - 02</u>					
12	02	Alternative energy source, Primary, secondary, tertiary.	27/1/25	27/1/25	
13	02	classification of solar Thermal System	28/1/25	27/2/25	
14	02	Domestic water heater & commercial water heater.	29/1/25	7/2/25	
15	02	Solar thermal system used for high temp	28/2/25	28/2/25	

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16	02	Solar dryer & its construction	1/3/25	3/3/25	(9)
17	02	high temp application	3/3/25	3/3/25	(9)
18	02	Technical & financial application	7/3/25	7/3/25	(11)
19	03	classification of P.V cell	10/3/25	10/3/25	(12)
20	03	PV cell for power generation	10/3/25	10/3/25	(12)
21	03	Solar pumping	11/3/25	11/3/25	(14)
22	03	Solar refrigeration	12/3/25	12/3/25	(14)
23	03	helostat	17/3/25	17/3/25	
24	03	Solar furnace	17/3/25	17/3/25	
25	03	Recent trends in promotional scheme	18/3/25	18/3/25	
26	03	Solar roof top system	18/3/25	18/3/25	
27	03	Installation & maintenance of Solar Roof top system	19/3/25	19/3/25	
28	03	stand alone street light	20/3/25	20/3/25	
<u>unit - 04</u>					
29	04	classification of bio fuels.	28/3/25	28/3/25	
30	04	System for production of bio fuel	2/4/25	2/4/25	

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31	04	Bio Gas plant	2/3/25	3/4/25	
32	04	Bio Gas plant Application	2/4/25	4/4/25	
33	04	& Advantage & disadvantage	6/4/25	15/4/25	
34	04	Application of Bio fuel	15/4/25	15/4/25	
35	04	Domestic Heating & Cooking	16/4/25	16/4/25	
36	04	Bio diesel plant	16/4/25	16/4/25	
37	04	Bio energy system	21/4/25	21/4/25	
38	04	Smoke less chulha	22/4/25	22/4/25	
		Burner heaters & stoves			
39 39	05	<u>unit-05</u> Recent trends in hybrid system	23/4/25	23/4/25	
40	05	Types of hybrid system.	24/4/25	24/4/25	
41	05	construction & costing & installation of wind solar pv hybrid system	25/4/25	25/4/25	
42	05	power output of hybrid system.	25/4/25	25/4/25	

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43	05	commercial feasibility of wind solar systems costing.	26/4/25	28/4/25	