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+03	01	sited selection of wind energy	9/1/25	15/1/25	–
04	01	wind energy system & Types	17/1/25	17/1/25	– (10)
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	– (11)
07	01	V A W T.	20/1/25	20/1/25	
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 & Maintainance of wind Turbine	25/1/25	25/1/25	Assignment (1) given
		unit - 02			
12	02	Alternative energy source, Primary, secondary, tertiary.	27/1/25	27/1/25	
13	02	classification of solar Thermal System	28/1/25	7/2/25	
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	

Detailed Teaching Plan

Lecture No	Unit No	Topics to be covered	Planned Date	Execution Date	Remarks
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	
22	03	Solar refrigeration	12/3/25	12/3/25	14
23	03	heliostat	17/3/25	17/3/25	
24	03	Solar furnance	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 & maintainace of Solar Roof top System	19/3/25	19/3/25	
28	03	stand alone street light	28/3/25	28/3/25	
		unit - 04			
29	04	classification of biofuels.	28/3/25	28/3/25	
30	04	System for production of bio fuel.	2/4/25	2/4/25	

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Detailed Teaching Plan

Lecture No	Unit No	Topics to be covered	Planned Date	Execution Date	Remarks
31	04	Bio Gas plant	2/4/25	3/4/25	
32	04	Bio Gas plant Application & Advantage & disadvantage	2/4/25	4/4/25	
33	04	Application of Bio fuel	6/4/25	15/4/25	
34	04	Domestic heating & cooking	15/4/25	15/4/25	
35	04	Bio diesel plant	16/4/25	16/4/25	
36	04	Bio energy System	16/4/25	16/4/25	
37	04	Smoke less chulha	21/4/25	21/4/25	
38	04	Burner heaters & Ovens	22/4/25	22/4/25	
39	05	unit - 05 Recent trends in hybrid System	23/4/25	23/4/25	
40	05	Types of hybrid System.	24/4/25	24/25	
41	05	construction & working & 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	

Detailed Teaching Plan

Lecture No	Unit No	Topics to be covered	Planned Date	Execution Date	Remarks
43	05	comercial feasbility of wind solar systems costing.	26/4/25	28/4/25	

Principal
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