



			Introduction-block diagram of wind energy conversion system, wind turbine and types	2	2	19/02/25, 12/02/25	
			Horizontal axis wind turbine, main components, turbine blades, hub, yaw control, types of rotor	4	4	12/02/25, 19/02/25 (2) 21/02/25	NA
3	3	Wind Power Generation	Vertical axis wind turbine, tower, blades, rotor types	19	2	28/02/25, 07/03/25	
			HAWT V/S VAWT merits and demerits	1	1	10/3/25	
			Speed control, power-speed characteristics, type of generator suitable for wind turbine, system integration	3+2	5	11/03/25, 12/03/25 (2) 17/03/25, 18/03/25	
4	4	PV Cell	PV cell characteristics and equivalent circuit	2	2	19/02/25, 21/02/25	
			Datasheet of PV cell, open ckt voltage, peak power, cell efficiency parameters	4	4	21/03/25, 24/03/25 26/03/25 (2) <del>28/03/25</del>	
			Effect of temperature on PV cell	22	1	01/04/25	NA
			Connection of identical and non identical PV cell in series	13	2	04/04/25, 07/04/25	
			Protecting series and parallel connected PV cells	2	2	08/04/25, 09/04/25	
			Insolation and irradiance and insolation variation with time of day	3	3	07/04/25, 11/04/25, 15/04/25	
			Insolation & energy on a horizontal flat plate	2	2	16/04/25 (2)	
			Atmospheric effects	1	1	17/04/25	
5	5	Energy from sun and sizing of PV	Intro. To batteries, charging rate, energy and power densities	22	2	22/04/25, 28/04/25	NA
			Battery selection and PV sizing for domestic /commercial application	16	2	29/04/25, 30/04/25	
				95 Hours			