

FDP-54	ELECTRICAL AND ELECTRONIC SYSTEMS IN WIND AND SOLAR APPLICATIONS	30.07.2018 to 03.08.2018
<p>OBJECTIVES:</p> <ul style="list-style-type: none"> ➤ Know the basics of Photovoltaic cells ➤ Understand the concept of Maximum Power Point Tracking (MPPT) ➤ Design of On-grid and Off-grid solar systems ➤ Understand the working of WPP ➤ Understand the role of Power Electronics in WPP <p>PARTICIPANTS:</p> <p>Teachers from Electrical & Electronics Engineering Discipline</p> <p>INPUT:</p> <p>Introduction to renewable energy sources - solar energy - photovoltaic panel and characteristics - Maximum Power Point Tracking (MPPT) and Charge Controllers - Off Grid and Grid tie solar systems - Hybrid systems – Solar Applications - Wind energy – Components of Wind Power Plants (WPP)- Types of WPP - Power Electronics for WPP - Induction generators .</p> <p>PROCESS:</p> <ul style="list-style-type: none"> ➤ Lecture ➤ Demonstration ➤ Industrial Visit <p>OUTPUT:</p> <p>The Participants will be able to</p> <ul style="list-style-type: none"> ➤ gain knowledge in designing solar energy systems ➤ handle topics in wind energy systems <p>RESOURCE PERSONS:</p> <ul style="list-style-type: none"> ➤ Dr. P. Sivasankar ➤ Guest Faculty 		
COORDINATOR	VENUE	LAST DATE FOR RECEIPT OF APPLICATIONS
Dr. G.A. Rathy	NITTTR, Chennai	15 days prior to the start of the programme