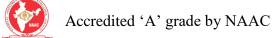
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

COURSE OUTCOMES (CO'S) III SEMESTER

COURSE NAME: Power Electronic Converters for Renewable Energy

YEAR / SEM: II / I

COURSE CODE	COURSE OUTCOMES	BLOOM'S TAXONOMY LEVEL
PE 4116 EE1	Understand the application of various components	Applying
	in PV power plant and understand the concepts of	
	MPPT, grid interface and loads	
PE 4116 EE2	Design DC-DC converters for solar PV	Applying, understanding
	applications.	
PE 4116 EE3	Understand the concepts of grid connected	Analyzing
	inverters and grid connected issues.	
PE 4116 EE4	Design control schemes for wind energy systems	Applying
PE 4116 EE5	Understand the principle of operation of doubly	Creating
	fed induction generator with rotor side converter	
	topologies.	

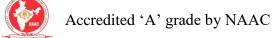
COURSE NAME: Electronic and Hybrid Electrical Vehicles

YEAR / SEM: II / I

COURSE CODE	COURSE OUTCOMES	BLOOM'S TAXONOMY LEVEL
PE 4127 EE1	Understand the importance of electric vehicles.	Applying
PE 4127 EE2	Design and model an electric vehicle	Applying, understanding
PE 4127 EE3	Know the importance of the battery behavior in electric vehicle.	Analyzing
PE 4127 EE4	Study the different types of Electric/Hybrid vehicles technologies available and their applications.	Applying
PE 4127 EE5	Understand the challenges in implementing electric/hybrid vehicle technology	Creating

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COURSE NAME: Major Project Phase – I

YEAR / SEM: II / I

COURSE CO	DE COURSE OUTCOMES	BLOOM'S TAXONOMY LEVEL
PE 4120 EE	Exposed to self-learning various topics	Applying
PC 4101 EE	Learn to survey the literature such as books, journals and contact resource persons for the selected topic of research.	Applying, understanding
PC 4101 EE	3 Learn to write technical reports	Analyzing
PC 4101 EE	Develop oral and written communication skills to present	Applying
PC 4101 EE	Defend their work in front of technically qualified audience	Creating