LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved by AICTE/Affiliated to Osmania University/Estd.2002.

Accredited 'A' grade by NAAC Accredited by NBA

Sy.No:32, Himayathsagar, Golconda Post, Near TSPA Junction, Hyderabad-500 091

Ph: 6309012442/43, Fax: 040-6625 3642, Website: www.lords.ac.in, Email: principal@lords.ac.in

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

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 CODE	COURSE OUTCOMES	BLOOM'S TAXONOMY LEVEL
PE 4120 EE1	Exposed to self-learning various topics	Applying
PC 4101 EE2	Learn to survey the literature such as books, journals and contact resource persons for the selected topic of research.	Applying, understanding
PC 4101 EE3	Learn to write technical reports	Analyzing
PC 4101 EE4	Develop oral and written communication skills to present	Applying
PC 4101 EE5	Defend their work in front of technically qualified audience	Creating