

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Course Articulation Matrix (CAM)

P20PE101 ANALYSIS OF POWER ELECTRONIC CONVERTERS						
CO		PO1	PO2	PO3	PSO 1	PSO 2
select an appropriate power semiconductor device for given application and design snubber circuit for power converters	CO1	2	1	2	2	1
design non-isolated & isolated DC-DC converters and suggest suitable topology for a given application	CO2	2	1	2	2	1
analyze the performance of single-phase and three-phase PWM inverters for different PWM techniques	CO3	2	1	2	1	1
analyze the performance of front-end AC-DC converters and power factor improvement methods	CO4	2	1	2	1	1
AVG		2	1	2	1.5	1