

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Course Articulation Matrix (CAM)

U18EE105/EE205: BASIC ELECTRICAL ENGINEERING												
CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	1	-	-	-	-	-	-	-	-	-	-
CO2	2	2	-	-	-	-	-	-	-	-	-	-
CO3	3	3	1	1	1		1			1	-	-
CO4	3	3	1	1	1	1	1	1		1	-	-
Avg.	2.5	2.25	1	1	1	1	1	1		1	-	-

Course Learning Outcomes:

On completion of this course students will be able to

- CO1: determine voltage, current & power in electrical circuits using mesh & nodal analysis
- CO2: apply suitable DC network theorems to analyze T & π networks
- CO3: find current, voltage & power in 1- ϕ and 3- ϕ AC circuits
- CO4: explain construction, working principle & applications of electrical machines; electrical earthing, fuses, lighting sources, MCB & batteries