



OFFICE OF THE DIRECTOR ACADEMICS

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Equivalence of courses in Old and New Scheme for B.Tech. (Electrical Engineering)

Subjects/Courses in Old Scheme		Equivalent Subject/Courses in New Scheme	
Code	Name	Code	Name
3EE1	Power Electronics I	3EE1A	Electronic Devices & Circuits
3EE2	Computer Programming -I	3EE4A	Object Oriented Programming
3EE3	CIRCUIT ANALYSIS-I	3EE2A	Circuit Analysis-I
3EE4	Electrical Machines-I	3EE5A	Electrical Machines-I
3EE5	Electrical Measurements	-	No equivalence
3EE6.1	Mathematics	3EE6A	Advanced Engg. Mathematics-I
4EE1	Power Electronics- II	-	No equivalence
4EE2	Digital Electronics	-	No equivalence
4EE3	Electrical Machines-II	4EE5A	Electrical Machines-II
4EE4	Computer programming-II	-	No equivalence
4EE5	Circuit Analysis-II	4EE2A	Circuit Analysis-II
4EE6.1	Advanced Mathematics	4EE6A	Advanced Engineering Mathematics-II
5EE1	Power Electronics-III	5EE1A	Power Electronics
5EE2	Microprocessors & Computer Architecture	5EE2A	Microprocessors & Computer Architecture
5EE3	Control Systems	5EE3A	Control Systems
5EE4	Generation of Electrical Power	-	No Equivalence
5EE5	Transmission & Distribution of Electrical Power	5EE5A	Transmission & Distribution of Electrical Power
5EE6.1	Advanced Distribution System	-	No Equivalence
5EE6.2	Principle of Communication Systems	5EE6.2A	Principle of Communication Systems
5EE6.3	Introduction to VLSI	5EE6.3A	Introduction to VLSI
6EE1	Modern Control Theory	6EE1A	Modern Control Theory
6EE2	High Voltage Engineering	6EE2A	High Voltage Engineering
6EE3	Protection of Power System		No Equivalence
6EE4	Advanced Power Electronics	6EE4A	Advanced Power Electronics
6EE5	Data Structures in C	-	No Equivalence
6EE6.1	Advanced Microprocessors	6EE6.1A	Advanced Microprocessors
6EE6.2	Power System Instrumentation	6EE6.2A	Power System Instrumentation
6EE6.3	Digital Communication and Information Theory	6EE6.3A	Digital Communication and Information Theory
7EE1	Data Base Management System	-	No Equivalence
7EE2	Power System Analysis	7EE2A	Power System Analysis
7EE3	Artificial Intelligence Techniques	7EE3A	Artificial Intelligence Techniques
7EE4	Utilization of Electrical Power	-	No Equivalence
7EE5	Power System Engineering	7EE5A	Power System Engineering
7EE6.1	Electromagnetic Field Theory	7EE6.1A	Electromagnetic Field Theory
7EE6.2	Computer Aided Design of Electrical Machines	7EE6.2A	Computer Aided Design of Electrical Machines
7EE6.3	Economic Operation of Power Systems	7EE6.3A	Economic Operation of Power Systems
8EE1	EHV AC/DC Transmission	8EE1A	EHV AC/DC Transmission
8EE2	Electric Drives and Their Control	8EE2A	Electric Drives and Their Control
8EE3	Switchgear & Protection		No Equivalence
8EE4.1	Non Conventional Energy Sources	-	No Equivalence
8EE4.2	FACTS Devices & Their Applications	8EE4.2A	FACTS Devices & Their Applications
8EE4.3	Power System Transients	8EE4.3A	Power System Transients

Director Academics