

BACHELOR OF ENGINEERING (HONORS) (ELECTRICAL ENGINEERING)

Year 1 (Common to all Engineering Discipline)					
SEMESTER 1			SEMESTER 2		
Unit Code	Unit Name	CP	Unit Code	Unit Name	CP
COM 502	Engineering Communication and Practices	15	EEB501	Introduction to Electrical and Electronics Engineering	15
MEB 502	Engineering Materials	15	CSC 510	C++ Programming for Engineers	15
CEB 503	Computer Aided Drafting and Modelling	15	MEB 503	Engineering Mechanics	15
MTH 517	Mathematics for Engineers I	15	MTH 518	Mathematics for Engineers II	15
Total CP		60	Total CP		60
Year 2					
SEMESTER 1			SEMESTER 2		
Unit Code	Unit Name	CP	Unit Code	Unit Name	CP
MTH 618	Mathematics for Engineers III	15	EEB 604	Engineering Computations and Modelling	15
EEB 601	Circuit Theory	15	EEB 605	Engineering Electromagnetics	15
EEB 602	Analog Electronics	15	EEB 681	Engineering Planning	15
EEB 603	Digital Electronics	15	PEB 601	Design Project I	15
Total CP		60	Total CP		60
Year 3					
SEMESTER 1			SEMESTER 2		
Unit Code	Unit Name	CP	Unit Code	Unit Name	CP
EEB 711	Power Generation	15	EEB 712	Electrical Machines	15
EEB 731	Signals and Systems	15	EEB 713	Power Transmission & Distributions	15
EEB 741	Embedded System Design	15	EEB 722	Control Systems	15
PEB 702	Engineering and Society	15	PEB 701	Design Project II	15
Total CP		60	Total CP		60
Year 4					
SEMESTER 1			SEMESTER 2		
Unit Code	Unit Name	CP	Unit Code	Unit Name	CP
EEB 811	Power Utilization and Services	15	EEB 812	Renewable Energy and New Technologies	15
EEB 831	Digital Signal Processing	15	EEB881	Innovation Management & New Product Development	15
EEB 851	Industrial Automation	15	PEB 802	Capstone Design Project II	30
PEB 801	Capstone Design Project I	15			
Total CP		60	Total CP		60