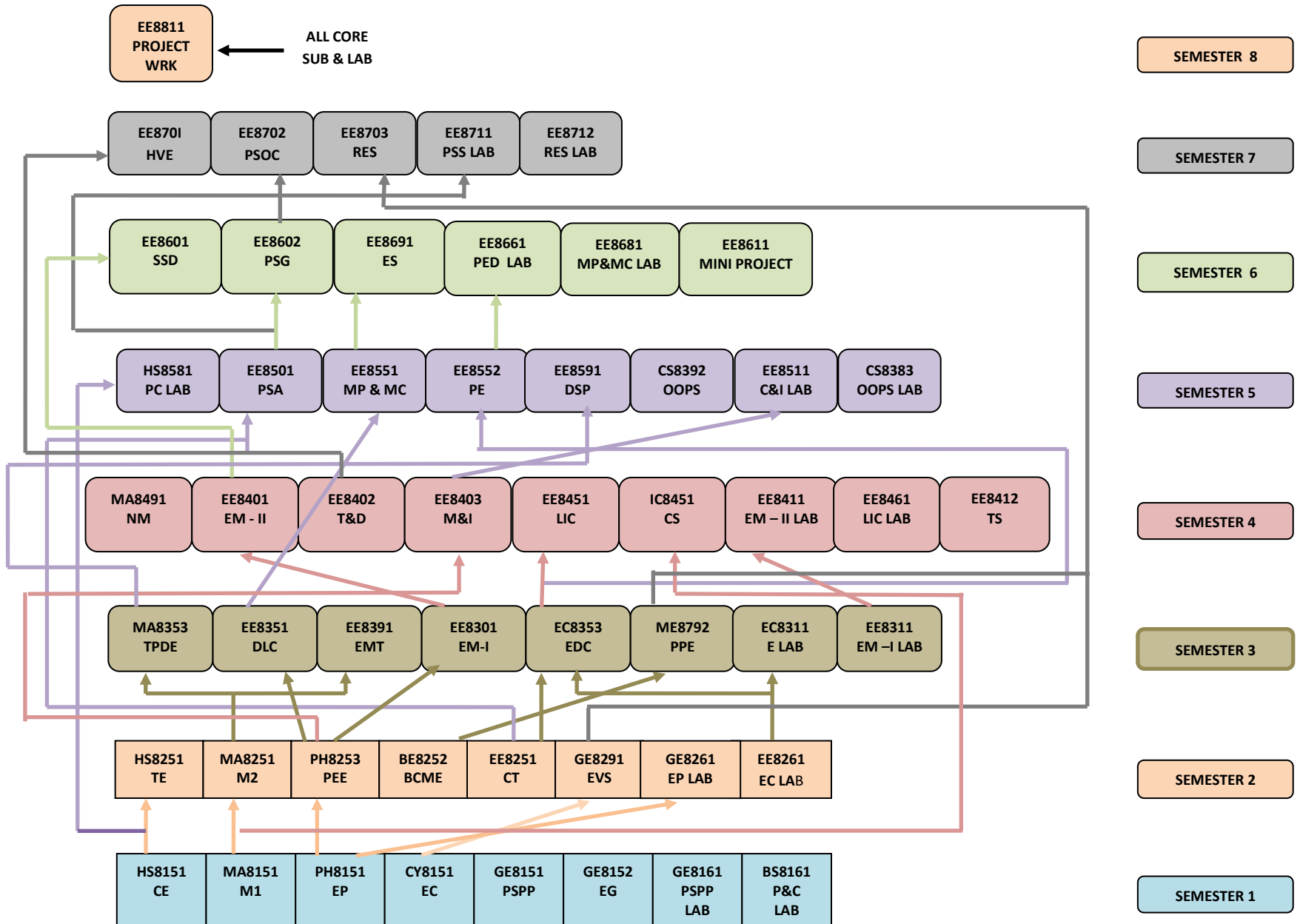


PRE-REQUISITE CHART- EEE - REGULATION 2017





SEMESTER 1

SI. No	COURSE CODE	COURSE TITLE
THEORY		
1.	HS8151	Communicative English
2.	MA8151	Engineering Mathematics - I
3.	PH8151	Engineering Physics
4.	CY8151	Engineering Chemistry
5.	GE8151	Problem Solving and Python Programming
6.	GE8152	Engineering Graphics
PRACTICALS		
7.	GE8161	Problem Solving and Python Programming Laboratory
8.	BS8161	Physics and Chemistry Laboratory

SEMESTER 2

SI. No	COURSE CODE	COURSE TITLE
THEORY		
1.	HS8251	Technical English
2.	MA8251	Engineering Mathematics - II
3.	PH8253	Physics for Electronics Engineering
4.	BE8252	Basic Civil and Mechanical Engineering
5.	EE8251	Circuit Theory
6.	GE8291	Environmental Science and Engineering
PRACTICALS		
7.	GE8261	Engineering Practices Laboratory
8.	EE8261	Electric Circuits Laboratory

SEMESTER 3

SI. No	COURSE CODE	COURSE TITLE
THEORY		
1.	MA8353	Transformsand Partial Differential Equations
2.	EE8351	Digital Logic Circuits
3.	EE8391	Electromagnetic Theory
4.	EE8301	Electrical Machines - I
5.	EC8353	Electron Devices and Circuits
6.	ME8792	Power Plant Engineering
PRACTICALS		
7.	EC8311	Electronics Laboratory
8.	EE8311	Electrical Machines Laboratory - I

SEMESTER 4

SI. No	COURSE CODE	COURSE TITLE
THEORY		
1.	MA8491	Numerical Methods
2.	EE8401	Electrical Machines - II
3.	EE8402	Transmission and Distribution
4.	EE8403	Measurements and Instrumentation
5.	EE8451	Linear Integrated Circuits and Applications
6.	IC8451	Control Systems
PRACTICALS		
7.	EE8411	Electrical Machines Laboratory – II
8.	EE8461	Linear and Digital Integrated Circuits Laboratory
9.	EE8412	Technical Seminar



SEMESTER 5

Sl. No	COURSE CODE	COURSE TITLE
THEORY		
1.	EE8501	Power System Analysis
2.	EE8551	Microprocessors and Microcontrollers
3.	EE8552	Power Electronics
4.	EE8591	Digital Signal Processing
5.	CS8392	Object Oriented Programming
6.		Open Elective I
PRACTICALS		
7.	EE8511	Control and Instrumentation Laboratory
8.	HS8581	Professional Communication
9.	CS8383	Object Oriented Programming Laboratory

SEMESTER 7

Sl. No	COURSE CODE	COURSE TITLE
THEORY		
1.	EE8701	High Voltage Engineering
2.	EE8702	Power System Operation and Control
3.	EE8703	Renewable Energy Systems
4.		Open Elective II
5.		Professional Elective III
6.		Professional Elective IV
PRACTICALS		
7.	EE8711	Power System Simulation Laboratory
8.	EE8712	Renewable Energy Systems Laboratory

SEMESTER 6

Sl. No	COURSE CODE	COURSE TITLE
THEORY		
1.	EE8601	Solid State Drives
2.	EEE8602	Protection and Switchgear
3.	EE8691	Embedded Systems
4.		Professional Elective I
5.		Professional Elective II
PRACTICALS		
7.	EE8661	Power Electronics and Drives Laboratory
8.	EE8681	Microprocessors and Microcontrollers Laboratory
9.	EE8611	Mini Project

SEMESTER 8

Sl. No	COURSE CODE	COURSE TITLE
THEORY		
1.		Professional Elective V
2.		Professional Elective VI
PRACTICALS		
3.	EE8811	Project Work