

PROVISIONAL ENGINEERING CURRICULUM
DEPARTMENT OF ELECTRIC AND ELECTRONICS ENGINEERING
M. CAMPUS, YEAR 2019-20
LIST OF COURSES

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	L	T	P	C	
I	1	ME6151	Communicative English	4	1	1	4	
I	2	MA6151	Engineering Maths I	4	1	1	4	
I	3	PH6151	Engineering Physics	3	1	1	3	
I	4	CH6151	Engineering Chemistry	3	1	1	3	
I	5	CS6151	Problem Solving and Python Programming	3	1	1	3	
I	6	CS6152	Engineering Graphics	2	1	4	4	
I	7	CS6151	Problem Solving and Python Programming Lab	1	1	4	2	
I	8	PH6151	Physics and Chemistry Laboratory	1	1	4	2	
				TOTAL	18	8	12	26

SEMESTER I								
SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	L	T	P	C	
II	1	ME6251	Technical English	4	1	1	4	
II	2	MA6251	Engineering Mathematics - II	4	1	1	4	
II	3	PH6252	Physics for Information Science	3	1	1	3	
II	4	EE6252	Basic Civil and Mechanical Engineering	4	1	1	4	
II	5	EE6251	Circuit Theory	2	2	1	2	
II	6	EE6251	Environmental Science and Engineering	3	1	1	3	
II	7	EE6251	Engineering Practices Lab	1	1	4	2	
II	8	EE6251	Electric Circuits Laboratory	1	1	4	2	
				TOTAL	20	2	8	26

SEMESTER II								
SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	L	T	P	C	
III	1	MA6353	Transforms and Partial Differential Equations	4	1	1	4	
III	2	EE6351	Digital Logic Circuits	2	2	1	3	
III	3	EE6351	Electromagnetic Theory	2	2	1	3	
III	4	EE6351	Electrical Machines - I	2	2	1	3	
III	5	EE6353	Electron Devices and Circuits	2	1	1	3	
III	6	ME6352	Power Plant Engineering	1	1	1	3	
III	7	EE6351	Electronics Laboratory	1	1	4	2	
III	8	EE6351	Electrical Machines Laboratory - I	1	1	4	2	
				TOTAL	18	8	8	20

SEMESTER III								
SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	L	T	P	C	
IV	1	MA6451	Numerical Methods	4	1	1	4	
IV	2	EE6451	Electrical Machines - II	2	2	1	3	
IV	3	EE6452	Transmission and Distribution	1	1	1	3	
IV	4	EE6453	Measurements and Instrumentation	1	1	1	3	
IV	5	EE6451	Linear Integrated Circuits and Applications	1	1	1	3	
IV	6	EE6451	Control Systems	1	2	1	4	
IV	7	EE6451	Electrical Machines Laboratory - II	1	1	4	2	
IV	8	EE6451	Linear and Digital Integrated Circuits Laboratory	1	1	4	2	
IV	9	EE6452	Technical Seminar	1	1	2	1	
				TOTAL	18	4	10	25

SEMESTER	SL. No.	COURSE CODE	SEMESTER V				
			COURSE TITLE	L	T	P	C
V	1.	EE8501	Power System Analysis				
V	2.	EE8551	Microprocessors and Microcontrollers	3	0	0	3
V	3.	EE8552	Power Electronics	3	0	0	3
V	4.	EE8591	Digital Signal Processing	3	0	0	3
V	5.	CS8392	Object Oriented Programming	2	2	0	3
V	6.	OAN551	Sensor and Transducers	3	0	0	3
V	7.	EE8511	Control and Instrumentation Laboratory	3	0	0	3
V	8.	HS8581	Professional Communication	0	0	4	2
V	9.	CS8383	Object Oriented Programming Laboratory	0	0	2	1
			TOTAL	17	2	10	23

SEMESTER	SL. No.	COURSE CODE	SEMESTER VI				
			COURSE TITLE	L	T	P	C
VI	1.	EE8601	Solid State Drives				
VI	2.	EE8602	Protection and Switchgear	3	0	0	3
VI	3.	EE8691	Embedded Systems	3	0	0	3
VI	4.	EE8002	Professional Elective I : Design of Electrical Apparatus	3	0	0	3
VI	5.	EE8005	Professional Elective II : Special Electrical Machines	3	0	0	3
VI	6.	EE8661	Power Electronics and Drives Laboratory	0	0	4	2
VI	7.	EE8681	Microprocessors and Microcontrollers Laboratory	0	0	4	2
VI	8.	EE8611	Mini Project	0	0	4	2
			TOTAL	15	0	12	21

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	L	T	P	C
VII	2.	EE6702	Protection and Switchgear	3	0	0	3
VII	3.	EE6703	Special Electrical Machines	3	0	0	3
VII	4.	MG6851	Principles of Management	3	0	0	3
VII	5.	EE6005	Elective – II Power Quality	3	0	0	3
VII	6.	EE6007	Elective – III Micro Electro Mechanical Systems	3	0	0	3
VII	7.	EE6711	Power System Simulation Laboratory	0	0	3	2
VII	8.	EE6712	Comprehension	0	0	2	1
			TOTAL	18	0	5	21

SEMESTER	SL. No.	COURSE CODE	COURSE TITLE	L	T	P	C
VIII	2.	EE6009	Elective – IV Power Electronics for Renewable Energy Systems	3	0	0	3
VIII	3.	GE6075	Elective – V Professional Ethics in Engineering	3	0	0	3
VIII	4.	EE6811	Project Work	0	0	12	6
			TOTAL	9	0	12	15

TOTAL NO OF CREDITS: 179

(Signature)
HOD

(Signature)
PRINCIPAL

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