

M.E. Semester III
Choice Based Credit Grading Scheme (CBCGS 2019)

Course Description			Teaching Scheme (Academic)					Examination scheme(Academic)				
Sr. No.	Course Code	Course Title	Hours Per Week			Contact Hours	Credits	Theory(100)		Practical/Ora l/Presentation	Term Work	Total
			Th	Tut	Pr			IA	ESE			
1	PEC- ETCME301X	Program Elective 5#	3	-	-	3	3	-	-	25	25	50
2	OEC- ETCME30X	Open Elective #	3	-	-	3	3	-	-	25	25	50
3	D1- ETCME301	Dissertation –I/ Industry Project	-	-	20	20	10	-	-	50	50	100
		Total	6	-	20	26	16	Total marks (Academic)				200

/* Students going for Industrial Project may complete the semester -III courses through MOOCs/self-learning mode.
 # Students may complete Open/ Program Elective or similar PG level courses through MOOCs/self-learning mode.

Sr No	Corse Code	Program Elective -5 Communication	
01	PEC- ETCME3011	.High Performance Networks	Communication
	PEC- ETCM3012	Remote Sensing	
	PEC- ETCME3013	Pattern Recognition and Machine learning.	
02	PEC- ETCME3014	Artificial Intelligence	Signal Processing
	PEC- ETCME3015	Optimization Techniques	
	PEC- ETCME3016	Modelling and Simulation Techniques	

Note: 1. Dissertation-1 /industry project shall be preferably carried out as an in-house or outhouse internship.
2. Dissertation-1 should be preferably based on industrial /research project carried out in industry or institute /research organization.

		Open Elective
Sr. No.	Course Code	Course Title
1	OEC-ETCME301	Business Analytics
2	OEC-ETCME302	Industrial Safety
3	OEC-ETCME303	Operations Research
4	OEC-ETCME304	Cost Management of Engineering Projects
5	OEC-ETCME305	Composite Materials
6	OEC-ETCME306	Waste to Energy

Th : Theory	IA- In-Semester Assessment
Tut:Tutorial	ESE- End Semester Examination
Pr:Practical	PR- Practical Examination
PC: Program Core	TW – Term Work Examination
PE: Program Elective	OR- Oral Examination
MC: Mandatory Course	AC- Activity
AE: Audit Elective	@ITP :Integrated Theory/Practice
PCL: Program Core Laboratory	@CL/PL: Collaborative/Peer Learning
PEL: Program Elective Laboratory	D: Dissertation
OE: Open Elective	