

T.E Semester VI (Mechanical Engineering)
Choice Based Credit Grading Scheme with Holistic Student Development (CBCGS- H 2019)
Approved by Ad-hoc BOS and Academic Council under TCET Autonomy Scheme (w.e.f. A.Y. 2019-20)
 (Meeting held on 10th and 20th July 2019 respectively)

First and Second year as per model curriculum and Third/Fourth year as per Old UOM 2016 (Rev)

Course Description			Teaching Scheme (Academic)					Examination scheme(Academic)					
Sr. No.	Course Code	Course Title	Modes of Teaching /Learning /Weightage					Modes of Continuous Assessment/Evaluation					Total
			Hours Per Week				Credits	Theory (100)		Practical/Oral/Presentation (25)		Term Work(20)	
			Th	Tut	Pr	Contact Hours		IA	ES E	PR/OR	TW		
1	MEC601	Metrology and Quality engineering	4		2	6	5	20	80	25	25	150	
2	MEC602	Machine Design I	4		2	6	5	20	80		25	125	
3	MEC603	Finite Element analysis	4		2	6	5	20	80	25	25	150	
4	MEC604	Refrigeration and Air Conditioning	4		2	6	5	20	80	25	25	150	
5	MEDLO 602X	Department Level Optional Course II	4			4	4	20	80			100	
6	MEL601	Mechatronics Lab			2	2	1			25	25	50	
		Total	20		10	30	20	Total marks					725
Course Description			Teaching scheme (Holistic Student Development - HSD)					Evaluation Scheme(HSD)					
1	MEPS	Professional Skills V (Industry Skills/Research)	-	-	-	-	Audit	Non Scholastic Evaluation by Teacher Guardian and Institute will issue certificate					
2	MEPBL	Project Based Learning - VI	-	-	-	-	Audit						
3	MEABL	Research Based Learning- II/Online/MOOCs	-	-	-	-	Audit						
		Total				30	20	Grand Total marks:					725

Course Code	Department Level Optional Course II
MEDLO6021	Mechatronics
MEDLO6022	Robotics
MEDLO6023	Industrial Automation

1. Academic Practical Load shall be conducted in 3 batch and Holistic Student Development & Internship will be conducted in 2 batches
2. Internship shall be offered at the end of EVEN Semester in 20th and 21st week. During ODD Semester, Industry Linked Seminars and Technology Oriented Workshops shall be conducted during semester.
3. After Mid Semester Assessment (IA) students shall be communicated their performance in the form of “Open House”