

CURRICULUM REVISION 2021 - PROGRAMME SCHEME

STATE BOARD OF TECHNICAL EDUCATION, KERALA

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME

PROGRAM NAME : Mechanical Engineering

PROGRAM CODE : ME

PATTERN: FULL TIME

DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)

SEMESTER: First Semester

SCHEME: Revision 2021

Sl. No.	Course Category	Course Code	Course Name	Teaching Scheme				Evaluation Scheme				Evaluation Mode	Credits
				Contact Hours/ week				CA	ESA	Total Marks	Exam Type		
				L	T	P	Total						
1.	Humanities & Social Sciences	1001	Communication Skills in English	2	0	2	4	50	75	125	T	B	3
2.	Basic Science	1002	Mathematics I	5	0	0	5	50	75	125	T	B	5
3.	Basic Science	1003	Applied Physics I	3	0	0	3	50	75	125	T	B	3
4.	Basic Science	1004	Applied Chemistry	3	0	0	3	50	75	125	T	B	3
5.	Engineering Science	1005	Engineering Graphics	0	0	3	3	50	75	125	D	B	1.5
6.	Basic Science	1006	Applied Physics Lab	0	0	2	2	0	0	0	P	I	0
7.	Basic Science	1007	Applied Chemistry Lab	0	0	2	2	75	50	125	P	I	1
8.	Engineering Science	1008	Introduction to IT systems Lab	1	0	2	3	75	50	125	P	I	2
9.	Engineering Science	2009	Engineering Workshop Practice	0	0	3	3	^	^	^	P	I	^
10.	Humanities & Social Sciences	1009	Sports and Yoga	0	0	2	2	75	50	125	P	I	1
				14	0	16	30						19.5

PROGRAM NAME : Mechanical Engineering										PROGRAM CODE : ME			
SEMESTER: Second Semester										SCHEME: Revision 2021			
Sl. No.	Course Category	Course Code	Course Name	Teaching Scheme				Evaluation Scheme				Evaluation Mode	Credits
				Contact Hours/ week				CA	ESA	Total Marks	Exam Type		
				L	T	P	Total						
1.	Basic Science	2002	Mathematics II	4	0	0	4	50	75	125	T	B	4
2.	Basic Science	2003	Applied Physics II	3	0	0	3	50	75	125	T	B	3
3.	Common Courses	2001	Environmental Science	3	0	0	3	50	75	125	T	I	0
4.	Engineering Science	2021	Engineering Mechanics	3	0	0	3	50	75	125	T	B	3
5.	Engineering Science	2022	Manufacturing Technology	3	0	0	3	50	75	125	T	B	3
6.	Humanities & Social Sciences	2008	Communication Skills in English Lab	0	0	3	3	75	50	125	P	I	1.5
7.	Basic Science	2006	Applied Physics Lab	0	0	2	2	75	50	125	P	I	2
8.	Engineering Science	2029	Engineering Mechanics Lab	0	0	3	3	75	50	125	P	I	0
9.	Engineering Science	2028	Basic CAD Lab	0	0	3	3	75	50	125	P	I	0
10.	Engineering Science	2009	Engineering Workshop Practice	0	0	3	3	75	50	125	P	I	1.5
				16	0	14	30						18
Summer Internship I to be conducted after Semester 2													
1.	Common Courses	SI01	Internship I	3 Weeks				0	75	75	P	I	2
L: Lecture T: Theory P: Practical ^ Carried over to next semester													