

INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY

MECHANICAL ENGINEERING DEPARTMENT

Programme : MTech
Specialization : Design Engineering
Department : Mechanical Engineering

Semester-I

Course Number	Course Title	L	T	P	C	Course Tag*
ME 899	Communication Skills	PP/NP				C
ME 601	Stress Analysis	3	0	0	6	C
ME 6119	Vibration and Control	3	0	0	6	C
ME 782	Design Optimization	3	0	0	6	C
	Elective I	3	0	0	6	D
	Elective II / Institute Elective	3	0	0	6	D/I##
	Total Credits:				30	

*C: Core; DIC: Department introductory; D: Department elective; I: Institute elective

If the student opts for “I” in 1st semester then he/she has to opt for “D” in 2nd semester and vice-versa.

Semester-II

Course Number	Course Title	L	T	P	C	Course Tag*
ME 721	Design Engineering Laboratory	0	0	4	4	C
ME 694	Seminar	0	0	0	4	C
	Elective III or R&D Project	3 0	0 0	0 0	6 6	D
	Elective IV / Institute Elective	3	0	0	6	I/D##
	Elective V	3	0	0	6	D
	Elective VI	3	0	0	6	D
	Elective VII	3	0	0	6	D
	Total Credits:				38	

*C: Core; DIC: Department introductory; D: Department elective; I: Institute elective

Semester-III

Course Number	Course Title	L	T	P	C	Course Tag*
ME 797	M.Tech. Project – Stage I	0	0	0	50	C
	Total Credits:				50	

Semester-IV

Course Number	Course Title	L	T	P	C	Course Tag*
ME 798	M.Tech. Project – Stage II	0	0	0	40	C
	Total Credits:				40	