

**INDIAN INSTITUTE OF TECHNOLOGY BOMBAY**  
**MECHANICAL ENGINEERING DEPARTMENT**

**Programme : MTech**  
**Specialization : Thermal & Fluids Engineering**  
**Department : Mechanical Engineering**

**Semester-I**

Course Number	Course Title	L	T	P	C	Course Tag*	
ME 899	Communication Skills	PP/NP					C
ME 651	Fluid Dynamics	3	0	0	6	C	
ME 661	Advanced Thermodynamics & Combustion	3	0	0	6	C	
ME 663	Advanced Heat Transfer	3	0	0	6	C	
ME 704	Computational Methods in Thermal & Fluids Engg	3	0	0	6	C	
ME 673	Mathematical Methods in Engineering	3	0	0	6	C	
	Total Credits:				30		

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

**Semester-II**

Course Number	Course Title	L	T	P	C	Course Tag*
ME 657	Thermal & Fluids Engg Lab.	0	0	6	6	C
ME 694	Seminar	0	0	0	4	C
	Elective I	3	0	0	6	D
	Elective II	3	0	0	6	D
	Elective III	3	0	0	6	D
	Elective IV	3	0	0	6	D
	Elective V / Institute Elective	3	0	0	6	D/I <sup>##</sup>
	Total Credits:				40	

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

**## If the student opts for "I" in 2<sup>nd</sup> semester then he/ she has to opt for "D" in 3<sup>rd</sup> semester and vice versa.**

**Semester-III**

Course Number	Course Title	L	T	P	C	Course Tag*
	Institute Elective / Elective V	3	0	0	6	I/D <sup>##</sup>
ME 797	M.Tech. Project – Stage I	0	0	0	50	C
	Total Credits:				56	

**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	