



4-Year Bachelor of Technology (B.Tech.) Curriculum
and Syllabus for Mechanical Engineering with AI
Sixth Semester

Course Code	Course Title	Contact Hrs. / Week			Credit
		L	T	P	
Theory					
TIUSD-601	Career Advancement & Skill Development-VI: Robotics & AI	2	1	0	3
TIUME-601	Dynamics of Machines	2	1	0	3
TIUME-602	Machine Design-I	3	1	0	4
TIUME-603	Internal Combustion Engines	2	1	0	3
TIUME-604	Machining Technology and Metrology	2	1	0	3
TIUME-605	Fluid Machinery-II	2	1	0	3
Practical					
TIUME-691	Dynamics of Machines Laboratory	0	0	3	2
TIUME-692	IC Engine Laboratory	0	0	3	2
TIUME-693	Machine Design Practice	0	0	3	2
Sessional					
TIUCSL-681	Entrepreneurship Skill Development-VI	0	0	3	2
Total Credits					27

Approved By:
External Expert

VC

Registrar

Dean of Academics

Mentor of the Dept.

HOD