

Ujjain Engineering College, Ujjain. (MP)

Course of Study and Scheme of Examination B.TECH
Mechanical Engg.
SeventhSem.

SEM	Sr.No.	S U B J E C T S		Periods Per Week				DISTRIBUTION OF MARKS					TOTAL (1 to 5)
								Theory Block			Practical Block		
		Code No.	T I T L E	L	T	P	C	ESE	MST	QAR	ESE	LQAR	
				1	2	3	4	5					

SEVENTH	1	ME7301	Heat and Mass Transfer	3		2	4	70	20	10	30	20	150
	2	ME734X	Elective - IV	3		2	4	70	20	10	30	20	150
	3	ME732X	Open Elective - II	3			3	70	20	10			100
	4	ME733X	Open Elective - III	3			3	70	20	10			100
	5	ME7305	Project-II (Evaluation of Project/Training/Internship)			4	2				60	40	100
	6	ME7306	Project-III	0	0	4	2				100	50	150
	TOTAL			12	0	12	18	280	80	40	220	130	750

Minimum Pass Marks	(A) ESE (Theory)	31 Percent	Duration of Theory Paper	3 Hours
	(B) ESC (Practical)	31 Percent		

Elective-IV	ME7341	Refrigeration and Air Conditioning	Open Elective-II	ME7321	Solar Energy Utilization
	ME7342	Energy Conservation & Management		ME7322	Supply Chain Management
	ME7343	Tool Design		ME7323	Maintenance Engineering
	ME7344	Advance Machining Systems		ME7324	Non Conventional Energy Source
	ME7345	Hydraulics & Pneumatics		ME7325	Project Management
Open Elective-III	ME7331	Vibration and Noise Control			
	ME7332	Automobile Engineering			
	ME7333	Total Quality Management			
	ME7334	Finite Element Analysis			
	ME7335	Mechatronics			
	ME7336	Internet of Things			
	ME7337	Artificial Intelligence			