



UJJAIN ENGINEERING COLLEGE, UJJAIN. (MP) - 456 010

Scheme of Examination as per NEP-2020 (w.e.f. July-2024)

(Course : Bachelor of Technology)

Branch : **Mechanical Engineering**

Semester : **III (THIRD)**

Sr.No.	Category	S U B J E C T		Contact Hours per Week			Total Credits		Distribution of Marks					
		Subject Code	Subject title						THEORY			PRACTICAL		Total
				L	T	P	T	P	ESE	MST	QAR	ESE	LQAR	
1	BSC	MA-3401	Mathematics - III	3	1		4	0	70	20	10			100
2	PCC	ME-3401	Thermodynamics	3	1	2	4	1	70	20	10	30	20	150
3	PCC	ME-3402	Theory of Machine	3	1	2	4	1	70	20	10	30	20	150
4	ESC	ME-3403	Machine Design and Drawing	3		2	3	1	70	20	10	30	20	150
5	BSC	ME-3404	Material Science and Metallurgy	4		2	4	1	70	20	10	30	20	150
6	ESC	ME-3405	CAD Lab			2	0	1				30	20	50
7	MC	HS-3406	Human Values and Ethics	2										
8	PROJ	PROJ	Project-I (Summer Internship for two weeks / 60 hours)	To be completed during III / IV Sem or at the end of IV Sem. Its evaluation / credit to be added in V Semester.										
TOTAL				18	3	10	24		350	100	50	150	100	750

Branch : **Mechanical Engineering**

Semester : **IV (FOURTH)**

Sr.No.	Category	S U B J E C T		Contact Hours per Week			Total Credits		Distribution of Marks					
		Subject Code	Subject title						THEORY			PRACTICAL		Total
				L	T	P	T	P	ESE	MST	QAR	ESE	LQAR	
1	PCC	ME-4401	Applied Thermal Engineering	3	1	2	4	1	70	20	10	30	20	150
2	PCC	ME-4402	Fluid Mechanics	3	1	2	4	1	70	20	10	30	20	150
3	PCC	ME-4403	Strength of Materials	3	1	2	4	1	70	20	10	30	20	150
4	PCC	ME-4404	Manufacturing Process	4		2	4	1	70	20	10	30	20	150
5	HSMC	HS-4405	Industrial Engineering	3			3	0	70	20	10			100
6	ESC	CS-4406	Introduction to RDBMS and ERP			2	0	1				30	20	50
7	MC	BS-4407	Environmental Science	2										
8	PROJ	PROJ	Project-I (Summer Internship for two weeks / 60 hours)	To be completed during III / IV Sem or at the end of IV Sem. Its evaluation / credit to be added in V Semester.										
TOTAL				18	3	10	24		350	100	50	150	100	750

1 Hour Lecture = 1 Credit 1 Hour Tutorial = 1 Credit 2 Hours Practical = 1 Credit

Note : Working Saturdays in a month together with one vacant class in a week can be used for other activities like cultural, sports, literary, NSS etc.

BOS MEMBER

BOS MEMBER

BOS CHAIRMAN

HOD - **MECHANICAL**

ESC : Engineering Science Course

BSC : Basic Science Course

PCC : Professional Core Course

HSMC : Humanities & Social Sciences including Management Courses

PROJ : Project - I (Summer Internship)

ESE : End Semester Examination

MST : Mid Semester Test

QAR : Quizzes, Assignment & Regularity

LQAR : Lab Work Quizzes, Assignment & Regularity

MC : Mandatory Course