



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

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

(Course : Bachelor of Technology)

Branch : **Chemical Engineering**

Semester : **I (FIRST)**

Sr.No.	Category	SUBJECT		Contact Hours per Week			Total Credits		Distribution of Marks					
		Subject Code	Subject title	L	T	P	T	P	THEORY			PRACTICAL		Total
									ESE	MST	QAR	ESE	LQAR	
1	BSC	MA-1401	Mathematics - I	3	1		4	0	70	20	10			100
2	ESC	CM-1402	Fuel Technology	3	1	2	4	1	70	20	10	30	20	150
3	ESC	EE-1401	Basic Electrical Engineering	2	1	2	3	1	70	20	10	30	20	150
4	ESC	ME-1402	Engineering Graphics and CAD	2		4	2	2	70	20	10	30	20	150
5	HSMC	EN-1401	English	3	1		4	0	70	20	10			100
6	HSMC	EN-1402	Language Lab			2	0	1				30	20	50
<b>TOTAL</b>				<b>13</b>	<b>4</b>	<b>10</b>	<b>22</b>		<b>350</b>	<b>100</b>	<b>50</b>	<b>120</b>	<b>80</b>	<b>700</b>

Branch : **Chemical Engineering**

Semester : **II (SECOND)**

Sr.No.	Category	SUBJECT		Contact Hours per Week			Total Credits		Distribution of Marks					
		Subject Code	Subject title	L	T	P	T	P	THEORY			PRACTICAL		Total
									ESE	MST	QAR	ESE	LQAR	
1	BSC	PH-1401	Physics	3	1	2	4	1	70	20	10	30	20	150
2	BSC	MA-2401	Mathematics - II	3	1		4	0	70	20	10			100
3	ESC	CE-1401	Basic Civil Engg. & Engg. Mechanics	2	1	2	3	1	70	20	10	30	20	150
4	ESC	CS-1401	C / C++ Programming for Problem Solving	2	1	4	3	2	70	20	10	30	20	150
5	ESC	ME-1401	Basic Mechanical Engineering	2	1	2	3	1	70	20	10	30	20	150
6	ESC	ME-1405	e-Workshop and Digital Manufacturing			2	0	1				30	20	50
<b>TOTAL</b>				<b>12</b>	<b>5</b>	<b>12</b>	<b>23</b>		<b>350</b>	<b>100</b>	<b>50</b>	<b>150</b>	<b>100</b>	<b>750</b>

**1 Hour Lecture (L) = 1 Credit    1 Hour Tutorial (T) = 1 Credit    2 Hours Practical (P) = 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 - CHEMICAL**

BSC    Basic Science Course

ESE    End Semester Examination

ESC    Engineering Science Course

MST    Mid Semester Test

HSMC    Humanities & Social Sciences including  
Management Courses

QAR    Quizzes Assignment & Regularity  
LQAR    Lab Work Quizzes Assignment & Regularity