

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

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

(Course : Bachelor of Technology)

Branch : **Computer Science & 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		CS-3401	Statistical Data Analysis using R	2	1	2	3	1	70	20	10	30	20	150
2		CS-3402	Data Structures	2	1	2	3	1	70	20	10	30	20	150
3		CS-3403	Discrete Structures	3	1		4	0	70	20	10			100
4		CS-3404	Software Development using JAVA	2	1	2	3	1	70	20	10	30	20	150
5		EC-349X	Open Elective - I	2	1	2	3	1	70	20	10	30	20	150
6		CS-3405	Web Development Lab			4	0	2				30	20	50
7		CS-3406	Computer Workshop			2		1					50	50
8		PROJ	Internship of <u>four</u> weeks / 120 hours)	To be completed during III or at the end of IV Semester. Its evaluation / credit to be added in V Semester.										
TOTAL				11	5	14	23		350	100	50	150	150	800
Open Elective - I		EC-3491 Digital Systems												

Branch : **Computer Science & 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		CS-4401	Operating System	3	1	2	4	1	70	20	10	30	20	150
2		CS-4402	Analysis and Design of Algorithm	2	1	2	3	1	70	20	10	30	20	150
3		CS-4403	Computer Organization and Architecture	3	1		4	0	70	20	10			100
4		CS-4404	Database Management System	3	1	2	4	1	70	20	10	30	20	150
5		CS-4405	Pyton Programming for Data Analysis	3	1	2	4	1	70	20	10	30	20	150
6		CS-4406	Linux Shell Scripting Lab			2	0	1				30	20	50
7		CS-4407	Universal Human Values	1										
TOTAL				15	5	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 - **COMP SCIENCE****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