

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

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

(Course : Bachelor of Technology)

Branch : **Electrical 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		MA-3402	Mathematics - III	3	1		4	0	70	20	10			100
2		EE-3401	Signal & Systems	3	1		4	0	70	20	10			100
3		EE-3402	Electrical Measurement	3	1	2	4	1	70	20	10	30	20	150
4		EE-3403	Circuit Theory	3	1	2	4	1	70	20	10	30	20	150
5		EE-3404	Electronic Devices & Circuits	3	1	2	4	1	70	20	10	30	20	150
6		EE-3406	MATLAB			2	0	1				60	40	100
7			Slot for Mandatory Courses	Non Credit										0
TOTAL				15	5	8	24		350	100	50	150	100	750

Branch : **Electrical 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		EE-4401	Electromagnetic Fields & Materials	3	1		4	0	70	20	10			100
2		EE-4402	Electrical Machine - I	3	1	2	4	1	70	20	10	30	20	150
3		EE-4403	Power System - I	3	1	2	4	1	70	20	10	30	20	150
4		EE-4404	Electrical Instrumentation	3	1	2	4	1	70	20	10	30	20	150
5		EE-4405	Digital Electronics & Logic Design	3		2	3	1	70	20	10	30	20	150
6		EE-4406	Electrical Engineering Drawing			2	0	1				30	20	50
7			Slot for Mandatory Courses	Non Credit										0
TOTAL				15	4	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 - **ELECTRICAL****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