

**Electrical Engineering**  
**(Scheme of B.Tech 4<sup>th</sup> Semester)**  
**L: Lecture, T: Tutorial, P: Practical, C: Credit**

**SEMESTER IV**

S. No	Subject Code	BOS	SUBJECT	Periods per week			Scheme of Examination and Marks				Credits L+(T+P)/2
				L	T	P	PRE**		ESE*	Total Marks	
							Mid Sem	TA			
1	SOE-B-EE401	EE	Power System – I	3	1	0	30	20	50	100	4
2	SOE-B-EE402	EE	Digital Electronics	3	0	0	30	20	50	100	3
3	SOE-B-EE403	EE	Electrical Measurement and Measuring Instruments	3	0	0	30	20	50	100	3
4	SOE-B-EE404	EE	Electromagnetic Field Theory	3	0	0	30	20	50	100	3
5	SOE-B-EE405	EE	Signals and Systems	3	0	0	30	20	50	100	3
6	SOE-B-EE406	EE	Power System Simulation Lab	0	0	4	0	30	20	50	2
7	SOE-B-EE407	EE	Digital Electronics Lab	0	0	4	0	30	20	50	2
8	SOE-B-EE408	EE	Electrical Measurement and Measuring Instruments Lab	0	0	4	0	30	20	50	2
9	SOE-B-EE409	EE	Power System Computer Aided Design Lab	0	0	2	0	30	20	50	1
10	SOE-B-EE410	EE	Introduction to PYTHON	0	0	2	0	15	10	25	1
11		Humanities	Professional Development	1	0	0	0	15	10	25	1
				<b>16</b>	<b>1</b>	<b>16</b>	<b>150</b>	<b>250</b>	<b>350</b>	<b>750</b>	<b>25</b>

\* End Semester Examination

\*\*Teacher Assessment

\*\*\* Progress Review Examination

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**Head**  
**Electrical Engineering**  
**School of Engineering**  
**O.P. Jindal University, Raigarh (C.G.)**




**Electrical Engineering**  
**(Scheme of B.Tech 3<sup>rd</sup> Semester)**  
L: Lecture, T: Tutorial, P: Practical, C: Credit

**SEMESTER III**

S.No.	Subject Code	BOS	SUBJECT	Periods per week			Scheme of Examination and Marks				Credits L+ (T+P)/2
				L	T	P	PRE**		ESE*	Total Marks	
							Mid Sem	TA			
1	SOE-B-EE301	EE	Electric circuits and network analysis	3	0	0	30	20	50	100	3
2	SOE-B-EE302	EE	Electronic Devices and circuits	3	0	0	30	20	50	100	3
3	SOE-B-EE303	EE	Electric Machine-I	3	0	0	30	20	50	100	3
4	SOE-B-EE304	EE	Data Structure & Algorithms	3	0	0	30	20	50	100	3
5	SOE-B-MA303	Maths	Engineering Mathematics-III	3	0	0	30	20	50	100	3
6	SOE-B-EE305	EE	Electric circuits and network analysis lab	0	0	4	0	30	20	50	2
7	SOE-B-EE306	EE	Electronic Devices and circuits lab	0	0	4	0	30	20	50	2
8	SOE-B-EE307	EE	Electric Machine-I lab	0	0	4	0	30	20	50	2
9	SOE-B-EE308	EE	Data Structure lab	0	0	2	0	30	20	50	1
10	SOE-B-EE309	EE	MATLAB Programming and Simulation	0	0	4	0	30	20	50	2
11		Civil	Disaster Management	1	0	0					1
				16	0	18	150	250	350	750	25

\* End Semester Examination  
\*\*Teacher Assessment  
\*\*\* Progress Review Examination

*Handwritten signatures and initials*

  
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