

Poojya Doddappa Appa College of Engineering, Kalaburagi
B.E.in Electrical and Electronics Engineering
Scheme of Teaching and Examination 2022-23
Outcome Based Education (OBE) and Choice Based Credit System (CBSE)
(Effective from the academic year 2022-23)

VII Semester													
Sl.No	Course and Course Code		Course Title	Teaching Department	Teaching Hours/Week				Examination				Credits
					Theory Lecture	Tutorial	Practical / Drawing	Self Study	Duration in Weeks	CIE Marks	SEE Marks	Total Marks	
					L	T	P	S					
1.	PC	19EE71	Computer Application To Power Systems	EE	3	-	--	1	03	50	50	100	3
2.	PC	19EE72	High Voltage Engineering	EE	3	--	--		03	50	50	100	3
3.	PE	19EE73X	Professional Elective- II	EE	3	-	--		03	50	50	100	3
4.	PE	19EE74X	Professional Elective-III	EE	3	--	--		03	50	50	100	3
5.	OE	19EE7OEX	Open Elective- II	EE	3	-	--		03	50	50	100	3
6.	PC	19EES72	Seminar	EE	-	-	2		03	50	50	100	1
7.	PC	19EEL71	Power System Simulation Lab	EE	-	-	2		03	50	50	100	1
8.	PROJ	19EEP73	Project Work Phase – 1	EE	-		2		03	50	50	100	4
9.	INT	19EEIN74	Industrial Visit	EE	(To be carried out during the intervening vacations of VI and VII semesters)				-	-	-	-	1
		Total			16	-	06	1	24	400	400	800	22

ELECTIVES GROUP -II (Professional)								
19EE731	Electrical Drives and Applications							
19EE732	Programmable Logic Controller and SCADA							
19EE733	Distributed Generation							
ELECTIVES GROUP -III (Professional)								
19EE741	Power System Dynamics and Control							
19EE742	Introduction to Restructured Power System							

19EE743	MEMS							
	ELECTIVES GROUP -II (Open Elective)							
19EE7OE1	Wind and Solar Energy System							
19EE7OE2	Electrical Power Quality							
19EE7OE3	HVDC Transmission							

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VIII Semester													
Sl.No	Course and Course Code		Course Title	Teaching Department	Teaching Hours/Week				Examination				Credits
					Theory Lecture	Tutorial	Practical / Drawing	Self Study	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1.	PC	19EE81	Power System Operation & Control	EE	3	2	--		03	50	50	100	4
2.	PE	19EE82X	Professional Elective- IV	EE	3	-	--		03	50	50	100	3
3.	OE	19EE83X	Open Elective- III	EE	3	-	--		03	50	50	100	3
4.	MOOC	19EE8XX	Certification Course	--	--	--	--		--	--	--	--	1
5.	PROJ	19EEP84	Project Work Phase - 2	-	-		2		03	50	50	100	14
6.	INT	19EEI78	Internship	(Completed during the intervening vacations of VI and VII semesters and /or VII and VIII semesters.)									1
		Total			09	-	04		19	240	360	600	26

ELECTIVES GROUP -II (Professional)

19EE821	Power Electronic Converters							
19EE822	Testing and Commissioning of Electrical Equipment's							
19EE823	Smart Grid Technology							
	ELECTIVES GROUP -II (Open Elective)							
19OE831	OOPs/Python							
19OE832	Internet of Things							
19OE833	Energy Conservation and Audit							

