

PAAVAI ENGINEERING COLLEGE (Autonomous)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

BATCH: 2019 - 2023

Semester	Course code		Course Name	Target	CO1	CO2	CO3	CO4	CO5
I	C101	EN19101	English Communication Skills I (Integrated Theory Laboratory)	50	61.2	56.7	50.3	53.4	51.2
	C102	MA19101	Matrices and Calculus	50	62.5	62.3	59.7	60.1	61.2
	C103	PH19101	Engineering Physics (Integrated Theory Laboratory)	60	62.5	61.8	60.5	62	63.5
	C104	CH19101	Engineering Chemistry (Integrated Theory Laboratory)	50	65.3	62.3	61.4	58.6	56.3
	C105	CS19102	Programming in Python	60	64.2	62.6	68.1	65.3	64.7
	C106	ME19101	Engineering Graphics Laboratory	60	83.4	79.2	80.3	81.6	-
	C107	EN19201	English Communication Skills II (Integrated Theory Laboratory)	60	84.2	83.4	86.1	87.2	-
II	C108	MA19201	Complex Variables and Differential Equations	50	80	79	81	79	-
	C109	PH19201	Physics for Electronics Engineering (Integrated Theory Laboratory)	60	61.4	61.2	63.4	60.7	61.9
	C110	CH19201	Material Chemistry (Integrated Theory Laboratory)	50	64.4	60.7	56.8	54.1	56.3
	C111	ME19202	Basics Civil and Mechanical Engineering	60	64.4	60.7	56.8	54.1	62.4
	C112	EE19202	Circuit Theory	60	63.2	60.1	59.2	58.2	71.3
	C113	GE19201	Engineering Practices Laboratory	50	86.2	88.9	84.3	88.2	-
	C114	EE19203	Circuit Theory Laboratory	50	92.1	90.6	88.4	92.4	-
III	C201	MA19301	Transforms and Boundary Value Problems	60	74.5	75.2	71.2	70.3	76.3
	C202	EE19301	Analog Electronic Circuits	60	85.6	90.4	81	91.4	84.6
	C203	EE19302	Electromagnetic Theory	60	82.6	84.7	87.5	86.3	80.4
	C204	EE19303	Electrical Machines - I	60	82.6	84.2	80.1	78.3	84.6
	C205	IT19305	Object Oriented Programming with C++	60	90.1	84.3	81.4	86.4	80.4
	C206	MC19301	Value Education	60	91.2	85.6	90.4	86.1	82.5

	C207	EE19304	Analog Electronics Laboratory	60	100	100	100	100	-
	C208	EE19305	Electrical Machines - I Laboratory	60	100	100	100	100	-
	C209	IT19308	C++ Programming Laboratory	60	96.3	94.2	97.6	97.6	-
IV	C210	MA19404	Numerical Methods	60	85.4	91.2	90.2	93.4	81.2
	C211	EE19401	Signals and Systems	60	78.3	85.6	82.6	84	81.2
	C212	EE19402	Electrical Machines - II	60	88.3	85.4	91.2	90.2	93.4
	C213	EE19403	Digital Logic Circuits	50	79.2	78.5	82.4	80.6	87.2
	C214	EE19404	Transmission and Distribution	50	88.1	84.3	86.1	84.3	85.2
	C215	MC19401	Environmental Science and Engineering	60	84.2	82.6	84.3	86.2	78.9
	C216	EE19405	Electrical Machines - I Laboratory	60	100	100	100	100	-
	C217	EN19401	English Proficiency Course Laboratory	60	100	100	100	100	-
V	C301	EE19501	Design of Electrical Apparatus	60	84.2	82.6	84.3	86.2	78.9
	C302	EE19502	Power Electronics	60	85.4	91.2	90.2	79.2	78.5
	C303	EE19503	Control Systems	60	78.5	82.4	80.6	88.1	84.3
	C304	EE19504	Measurement and Instrumentation	60	91.2	90.2	93.4	85.4	91.2
	C305	EE19505	Power System Analysis	60	85.6	82.6	84.2	78.3	85.6
	C306	EE19151	Biomedical Engineering	50	90.2	93.4	80.6	87.2	88.3
	C307	EE19506	Power Electronics Laboratory	60	100	100	100	100	-
	C308	EE19507	Control Systems laboratory	60	100	100	100	100	-
	C309	EN19501	Career Development Laboratory I	60	85.3	88.2	87.5	92.4	-
	C310	EE19601	Protection and Switchgear	60	90.2	93.4	85.4	90.2	79.2
	C311	EE19602	Solid State Drives	60	82.6	84.2	78.3	80.6	88.1
	C312	EE19603	Microprocessor and Microcontrollers	60	75	78	81	93.4	85.4
	C313	EE19604	Wind and Solar Energy Systems	60	63.4	60.5	62.8	84.2	78.3

VI	C314	EE19253	Flexible AC Transmission System	60	64.2	61	61.3	65.2	71.3
	C313	EE19901	Power Electronic System	60	60.2	62.4	61.3	60.3	68.4
	C314	EE19605	Electrical Drives Laboratory	60	84.2	88.6	87.4	84.2	-
	C315	EE19606	Microprocessors and Microcontrollers Laboratory	60	100	100	100	100	-
	C313	EN19601	Career Development Laboratory - II	60	100	100	100	100	-
VII	C401	BA19151	Entrepreneurship Development	60	78.3	81.2	72.5	71.3	72.6
	C402	EE19701	Power System Operation and Control	60	82.3	78.2	74.6	72.6	78.3
	C403	EE19702	High Voltage Engineering	60	71.2	75.6	81.3	72.4	70.6
	C404	EE19351	Special Electrical Machines(E-III)	60	70.3	78.2	74.6	81.3	80.4
	C405	EE19453	Electrical Energy Utilization and Conservation(E-IV)	60	78.2	76.3	74.2	81.2	73.2
	C406	EE19703	Wind and Solar Energy System Simulation Laboratory	60	92.3	94.2	94.6	92.4	-
	C407	EE19704	Project Work - I	60	97.3	96.2	94.2	91.4	-
VIII	C408	EE19801	Smart Grid	60	71.2	70.5	75.2	78.7	74.2
	C409	EE19552	Power Quality	60	70.5	75.2	72.4	77.2	75.6
	C410	EE19651	HVDC Transmission Systems	60	90.1	84.3	81.4	86.4	80.4
	C411	EE19802	Project Work	60	94.6	92.3	91.2	96.4	-

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