

PAAVAI ENGINEERING COLLEGE
DEPARTMENT OF BIOMEDICAL ENGINEERING
REGULATION 2016
BATCH: 2018- 2022
CO ATTAINMENT

Semester	Course code	Course Name	Target	CO1	CO2	CO3	CO4	CO5	
I	C101	EN16101	Technical English I	50	59.4	58.6	59.8	59.6	58.4
	C102	MA16101	Matrices and Calculus	50	36	50	61.7	57	65
	C103	PH16101	Engineering Physics	50	36	50	69.4	69.8	71
	C104	CH16101	Engineering Chemistry	50	63.8	64.8	65.6	69.8	72.1
	C105	ME16101	Engineering Graphics	50	69.4	69.8	50	64.5	60
	C106	CS16101	Computer Programming	50	71.3	64.8	63.8	64.8	65.6
	C107	PC16102	Physics and Chemistry Laboratory	50	64	63.8	64.8	60	-
	C108	GE16101	Engineering Practices Laboratory	50	69.8	72.1	69.4	69.8	-
	C109	CS16102	Computer Programming Laboratory	50	60	54.2	51.8	53.8	-
II	C201	EN16201	Technical English II	50	59.8	59.6	64.5	60	57
	C202	MA16201	Differential Equations and Complex Analysis	50	57	65	36	50	61.7
	C203	PH16201	Solid State Physics	50	69.4	69.8	60	36	50
	C204	ME16205	Engineering Mechanics for Biomedical Engineers	50	51.8	53.8	54.2	69.8	65.6
	C205	CH16204	Fundamentals of Biochemistry	50	50	61.7	64.5	69.8	72.1
	C206	EC16201	Electric Circuit Analysis	50	36	50	64.5	60	57
	C207	CH16206	Biochemistry Laboratory	50	69.8	72.1	63.8	64.8	-
	C208	EN16202	English Communication Skills Laboratory	50	71.3	69.8	72.1	76	-
	C209	EE16202	Electric Circuit Laboratory	50	61.3	61.4	60.56	68.5	-
III	C301	MA16301	Transforms and Boundary Value Problems	50	69.73	68.5	71.93	60.56	61.23
	C302	BM16301	Electron Devices and Circuits	50	71	57	65	78	63
	C303	BM16302	Signals and Systems	50	71.1	60	71.3	72	75.5
	C304	BM16303	Digital Electronics	50	48	52	36	50	61.7
	C305	BM16304	Anatomy and Human Physiology	50	67	64.5	60	81	60.9
	C306	BM16305	Biosensors and Measurement Devices	50	64.7	71.7	70.7	69.8	74
	C307	BM16306	Biosensors and Measurement Devices Laboratory	50	72.4	76.3	75.6	74.8	-
	C308	BM16307	Digital Electronics Laboratory	50	68.2	66.8	69.4	69.8	-
	C309	BM16308	Electronic Devices and Circuits Laboratory	50	69.4	69.4	69.8	69.3	-
IV	C401	MA16402	Probability and Random Process	50	61.2	61.8	59.4	58.6	59.8
	C402	BM16401	Linear Integrated Circuits		77.27	67.5	69.5	74.5	54.7
	C403	BM16402	Medical Instrumentation - I	50	61.3	62	64	66.2	68
	C404	BM16403	Pathology and Microbiology	50	68.2	71.3	59.6	58.4	59.4
	C405	IT16407	Object Oriented Programming with C++	50	61.3	61.4	62.6	63.4	66.2
	C406	CH16401	Environmental Science and Engineering	50	71	72.3	79.3	79.4	76.8
	C407	BM16404	Linear Integrated Circuits	50	68.9	70.4	71.8	81.4	-

		Laboratory							
C408	BM16405	Pathology and Microbiology Laboratory	50	72	73	74.4	73.2	-	
C409	IT16408	Object Oriented Programming with C++ Laboratory	50	74.6	75.3	74.8	72	-	
C410	EN16402	Business English Course Laboratory	50	76	76.8	77.9	69.9	-	
V	C501	BM16501	Medical Instrumentation II	50	67.6	72.4	72.1	74.2	75.6
	C502	BM16502	Microprocessor and Microcontroller	50	51.8	53.8	54.2	53.9	56.4
	C503	BM16503	Biomedical Signal Processing	50	61.3	62.1	64.2	65	62.78
	C504	BM16504	Biomechanics	50	56.6	57.8	56.9	58	58.6
	C505	BM16151	Biomems	50	62	64	63.8	64.8	65.6
	C506	BM16505	Biomedical Signal Processing Laboratory	50	76.8	78.2	79.4	81.3	-
	C507	BM16506	Microprocessor and Microcontroller Laboratory	50	76.8	77	78.2	77.4	-
	C508	BM16507	Medical Instrumentation Laboratory	50	81.2	82.4	83.2	84.4	-
	C509	EN16501	Career Development Laboratory I	50	69.8	72.1	70.8	69.9	-
VI	C601	BA16151	Professional Ethics and Human Values	50	71.4	72	71.3	70.8	69.8
	C602	BM16601	Diagnostic and Therapeutic Equipment	50	70.7	71	70.2	78.2	80
	C603	BM16602	Biomaterials and Artificial organs	50	78.4	76.5	73.2	71.8	72.2
	C604	BM16603	Medical Imaging Techniques	50	70.4	71	70.3	74.8	78
	C605	BM16153	Telemedicine and PACS	50	86.7	86.6	79.4	74.2	76.9
	C607	BM16604	Diagnostic and Therapeutic Equipment Laboratory	50	76	76	70	76	-
	C608	BM16605	Mini Project	50	83	82	81.3	84	-
	C609	EN16601	Career Development Laboratory II	50	81.5	82.4	83	81	-



HOB/BME

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