

PAAVAI ENGINEERING COLLEGE									
DEPARTMENT OF BIOMEDICAL ENGINEERING									
REGULATION 2016									
BATCH: 2018-2022									
CO ATTAINMENT- DIRECT RESULT ANALYSIS									
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 – I	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 –I	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	C110	EN16201	Technical English II	50	59.8	59.6	64.5	60	57
	C111	M16201	Differential Equations and Complex	50	57	65	36	50	61.7
	C112	PH16201	Solid state Physics	50	69.4	69.8	60	36	50
	C113	CH16204	Fundamentals of Bio Chemistry	50	50	61.7	64.5	69.8	72.1
	C114	ME16205	Engineering Mechanics for Biomedical Engineers	50	51.8	53.8	54.2	69.8	65.6
	C115	EC16201	Electric ircuit Analysis	50	36	50	64.4	60	57
	C116	EN16202	English Communication Skills Laboratory	50	71.3	69.8	72.1	76	-
	C117	CH16206	Bio Chemistry Laboratory	50	69.8	64.5	63.8	64.8	-
	C118	EE16202	Electric Circuits Laboratory	50	61.3	61.4	60.6	68.5	-
III	C201	MA16301	Transforms and Boundary Value Problems	50	69.73	68.5	71.93	60.59	61.23
	C202	BM16301	Electron Devices and Circuits	50	71	57	65	78	63
	C203	BM16302	Signals and Systems	50	71.1	60	71.3	72	75.5
	C204	BM16303	Digital Electronics	50	48	52	36	50	61.7
	C205	BM16304	Anatomy and Human Physiology	50	67	64.5	60	81	60.9
	C206	BM16305	Biosensors and Measurement Devices	50	64.7	71.7	70.7	69.8	74
	C207	BM16306	Biosensors and Measurement Devices Laboratory	50	72.4	76.3	75.6	74.8	-
	C208	BM16307	Digital Electronics Laboratory	50	68.2	66.8	69.4	69.8	-
	C209	BM16308	Electronic Devices and Circuits Laboratory	50	69.4	69.4	69.8	69.3	-

IV	C210	MA16402	Probability and Random Process	50	61.2	61.8	59.4	58.6	59.8
	C211	BM16401	Linear Integrated Circuits		77.27	67.5	69.5	74.5	54.7
	C212	BM16402	Medical Instrumentation - I	50	61.3	62	64	66.2	68
	C213	BM16403	Pathology and Microbiology	50	68.2	71.3	59.6	58.4	59.4
	C214	IT16407	Object Oriented Programming with C++	50	61.3	61.4	62.6	63.4	66.2
	C215	CH16401	Environmental Science and Engineering	50	71	72.3	79.3	79.4	76.8
	C216	BM16404	Linear Integrated Circuits Laboratory	50	68.9	70.4	71.8	81.4	-
	C217	BM16405	Pathology and Microbiology Laboratory	50	72	73	74.4	73.2	-
	C218	IT16408	Object Oriented Programming with C++ Laboratory	50	74.6	75.3	74.8	72	-
	C219	EN16402	Business English Course Laboratory	50	76	76.8	77.9	69.9	-
V	C301	BM16501	Medical Instrumentation II	50	67.6	72.4	72.1	74.2	75.6
	C302	BM16502	Microprocessor and Microcontroller	50	51.8	53.8	54.2	53.9	56.4
	C303	BM16503	Biomedical Signal Processing	50	61.3	62.1	64.2	65	62.78
	C304	BM16504	Biomechanics	50	56.6	57.8	56.9	58	58.6
	C305	BM16151	Biomems	50	62	64	63.8	64.8	65.6
	C306	BM16505	Biomedical Signal Processing Laboratory	50	76.8	78.2	79.4	81.3	-
	C307	BM16506	Microprocessor and Microcontroller Laboratory	50	76.8	77	78.2	77.4	-
	C308	BM16507	Medical Instrumentation Laboratory	50	81.2	82.4	83.2	84.4	-
	C309	EN16501	Career Development Laboratory I	50	69.8	72.1	70.8	69.9	-
VI	C310	BA16151	Professional Ethics and Human Values	50	71.4	72	71.3	70.8	69.8
	C311	BM16601	Diagnostic and Therapeutic Equipment	50	70.7	71	70.2	78.2	80
	C312	BM16602	Biomaterials and Artificial organs	50	78.4	76.5	73.2	71.8	72.2
	C313	BM16603	Medical Imaging Techniques	50	70.4	71	70.3	74.8	78
	C314	BM16153	Telemedicine and PACS	50	86.7	86.6	79.4	74.2	76.9
	C315	BM16604	Diagnostic and Therapeutic Equipment Laboratory	50	76	76	70	76	-
	C316	BM16605	Mini Project	50	83	82	81.3	84	-
	C317	EN16601	Career Development Laboratory II	50	81.5	82.4	83	81	-
VII	C401	BM16701	Human Assist Devices	50	77.27	67.5	69.5	74.5	54.7
	C402	BM16703	Medical Image Processing	50	88.25	65.76	66.41	79.65	81.39
	C403	BM16702	Biocontrol Systems	50	60	62	66	50	78
	C404	BM16352	Rehabilitation Engineering	50	70.7	71	70.2	78.2	80
	C405	BM16452	Fundamentals of Biomedical Nanotechnology	50	77.6	69.82	73.9	57.5	63.3
	C406	BM16705	Medical Image Processing Laboratory	50	82.5	82.1	85.1	82.3	-
	C407	BM16704	Hospital Internship Training	50	81.6	83	85	87.4	-
	C408	BM16706	Project Work Phase I	50	81.4	83.6	84.8	86.4	-
VIII	C409	BM16801	Healthcare and Hospital Management	50	58.2	55.2	57.3	53.2	59.6
	C410	MD16551	Artificial organs and implants	50	58.2	55.2	57.3	53.2	59.6
	C411	MD16653	Quality control in biomedical engineering	50	65.5	66.9	67.2	72.6	70.4
	C412	MD16801	Project work phase II	50	85	84.6	85	84	86

HOD / BME

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