

PAVAI ENGINEERING COLLEGE
DEPARTMENT OF MEDICAL ELECTRONICS
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	54	52.3	58	58.3	59
	C102	MA16101	Matrices and Calculus	50	64.83	59	65.93	56.48	58.4
	C103	PH16101	Engineering Physics	50	61.3	64.2	52.6	51.3	52.6
	C104	CH16101	Engineering Chemistry – I	50	56	57.2	58.2	58.3	54
	C105	ME16101	Engineering Graphics	50	52.2	54	54.2	52.6	56
	C106	CS16101	Computer Programming	50	74.6	78	63	61	68
	C107	PC16102	Physics and Chemistry Laboratory –I	50	68	72	72	74.8	-
	C108	GE16101	Engineering Practices Laboratory	50	74.2	75	62	64	-
	C109	CS16102	Computer Programming Laboratory	50	50	50	56.5	46.2	-
II	C110	EN16201	Technical English II	50	53.7	56	58.5	58.4	62
	C111	M16201	Differential Equations and Complex	50	39.89	58	64.63	62	56.48
	C112	PH16201	Solid state Physics	50	56.2	51.7	62	66.3	64
	C113	ME16205	Engineering Mechanics for Biomedical Engineers	50	51.9	61	58.4	58	56
	C114	EC16201	Electric circuit Analysis	50	39.7	56	56.3	55	53.4
	C115	EN16202	English Communication Skills Laboratory	50	64.5	60	62	64	-
	C116	EC16202	Electron Devices	50	64.83	59	65.93	56.48	58.4
	C117	EC16203	Circuits and Devices Laboratory	50	60	63	61	72	-
III	C201	MA16301	Transforms and Boundary Value Problems	50	64.83	64.6	65.9	56.4	39.8
	C202	MD16301	Electronic Circuits	50	51.2	53.1	52.2	54	54.2
	C203	MD16302	Digital Electronics	50	50	50	56.5	46.2	48
	C204	MD16303	Signals and Systems	50	63.8	70.2	69.9	71.3	70.4
	C205	MD16304	Anatomy and Human Physiology	50	62	64.5	60	71	60.9
	C206	MD16305	Measurements and Instrumentation	50	54	52.3	53.7	56	58.5
	C207	MD16306	Electronic circuits Laboratory	50	68	72	74.8	73.2	-
	C208	MD16307	Digital Electronics Laboratory	50	74.2	75	74.8	77.2	-
	C209	MD16308	Instrumentation Laboratory	50	75	76	75	75.4	-
IV	C210	MA16402	Probability and Random Process	50	58	58.3	59	58.4	62
	C211	MD16401	Linear Integrated Circuits	50	77.2	67	69.5	74.5	84
	C212	MD16402	Control Systems	50	63.8	70.2	69.9	71.3	70.4
	C213	MD16403	Analog and Digital communication	50	63	61	58	54	55.6
	C214	MD16404	Medical Instrumentation	50	77.2	67	69.5	74.5	84
	C215	IT16407	Object Oriented Programming With C++	50	63	62	64	63	61
	C216	IT16408	Object Oriented Programming with C++ Laboratory	50	78	79	81	83	-
	C217	MD16405	Linear Integrated Circuits Laboratory	50	64.2	64.1	73	78	-
	C218	MD16406	Medical Instrumentation Laboratory	50	68	72	74.6	78	-
	C219	EN16401	Business English Course Laboratory	50	69	72	74	78	-
V	C301	MD16501	Medical Informatics	50	72	74	73	71	75
	C302	MD16502	Microprocessor and Microcontroller	50	51.9	61	56	57.2	58.2
	C303	MD16503	Biomedical Signal Processing	50	68	67	66.6	63.8	64.8
	C304	MD16504	Biomechanics	50	59.8	61	63	62.8	61.7
	C305	CH16501	Environmental Science and Engineering	50	81.8	83	82	84	81
	C306	MD16505	Biomedical signal processing Laboratory	50	81	83	82	78	-
	C307	MD16506	Microprocessor and Microcontroller Laboratory	50	74	76	78	77	-
	C308	EN16501	Carrier Development Laboratory I	50	73	72	71	76	-
	C309	MD16153	Biomems	50	76.8	72	71	71.2	69.4

VI	C310	BA16151	Professional Ethics and Human Values	50	63.2	64.2	63.8	64.2	63.8
	C311	MD16601	Diagnostic and Therapeutic Equipment	50	75	76	79	71	75
	C312	MD16602	Biomaterials and Artificial Organs	50	56.2	51.7	52.6	51.3	52.6
	C313	MD16603	Medical Imaging Techniques	50	61.3	64.2	66.3	61.3	64
	C314	MD16604	Diagnostic and Therapeutic Equipment Laboratory	50	76	75	85	73	-
	C315	MD16605	Mini Project	50	78	76	77.2	74.2	74.1
	C316	EN16601	Career Development Laboratory II	50	76	68	72	71.3	-
	C317	MD16251	Medical Expert Systems	50	64.2	58.6	59.3	58.3	63.2
VII	C401	MD16703	Human Assist Devices	50	75	76	79	71.4	75
	C402	MD16702	Medical Image Processing	50	74	83.2	83.6	67	68
	C403	MD16701	Healthcare and Hospital Management	50	73.93	65.76	84.41	68.9	72.36
		MD16704	Medical Image Processing Laboratory	50	75.2	76.3	69.9	76.4	75.8
	C404	MD16705	Hospital Internship Training	50	83	82	81.3	84	-
	C405	MD16706	Project WorkPhase-I	50	75	76	79	71.4	75
	C407	MD16352	Rehabilitation Engineering	50	60.4	60.3	64.9	76.2	63.9
	C408	MD16452	Fundamentals of Biomedical Nanotechnology	50	82.1	81.2	78.5	85.1	78
VIII	C409	MD16551	Artificial Organs and Implants	50	58.2	55.2	57.3	53.2	59.6
	C410	MD16653	Quality Control in Biomedical Engineering	50	65.5	66.9	67.2	72.6	70.4
	C411	MD16801	Project Work Phase II	50	85	84.6	85	84	-


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