

PAAVAI ENGINEERING COLLEGE

(Autonomous)

DEPARTMENT OF BIOMEDICAL ENGINEERING

BATCH: 2019 – 2023

Semester	Course code	Course Name	Target	CO1	CO2	CO3	CO4	CO5	
1	C101	MA19101	MATRICES AND CALCULUS	55	59.4	58.6	59.8	59.6	58.4
	C102	EN19101	ENGLISH COMMUNICATION SKILLS I	55	85	83	82.1	87	-
	C103	PH19101	ENGINEERING PHYSICS	55	36	50	69.4	69.8	71
	C104	CH 19101	ENGINEERING CHEMISTRY	55	63.8	64.8	65.6	69.8	72.1
	C105	CS19102	PROGRAMMING IN PYTHON	55	69.4	69.8	50	64.5	60
	C106	ME19101	ENGINEERING GRAPHICS LABORATORY	55	71.3	64.8	63.8	64.8	
	C107	MA19201	COMPLEX VARIABLE AND DIFFERENTIAL EQUATION	55	64	63.8	64.8	60	65.6
	C108	EN19201	ENGLISH COMMUNICATION SKILLS II	55	88	89.2	84	80	-
	C109	PH19201	PHYSICS FOR ELECTRONICS ENGINEERING	55	60	54.2	51.8	53.8	-
	C110	CH19201	FUNDAMENTAL OF BIOCHEMISTRY	55	59.8	59.6	64.5	60	57
	C111	ME19203	ENGINEERING MECHANICS FOR BIOMEDICAL ENGINEERS	55	57	65	36	50	61.7
	C112	EE19201	BASIC ELECTRICAL ENGINEERING	55	69.4	69.8	60	36	50
	C113	GE19201	ENGINEERING PRACTICES LABORATORY	55	82.2	85	84	83.2	-
2	C201	MA19302	LINEAR ALGEBRA AND PARTIAL DIFFERENTIAL EQUATION	55	51.8	53.8	54.2	69.8	65.6
	C202	BM19301	ELECTRON DEVICES AND CIRCUITS	55	36	50	64.4	60	57
	C203	BM19302	SIGNALS AND SYSTEMS	55	71.3	69.8	72.1	76	69.8
	C204	BM19303	SENSOR AND MEASUREMENTS	55	69.8	64.5	63.8	64.8	71.93
	C205	BM19304	ANATOMY AND HUMAN PHYSIOLOGY	55	61.3	61.4	60.6	68.5	60.59
	C206	MC19301	VALUE EDUCATION	55	69.73	68.5	71.93	60.59	61.23
	C207	BM19305	ELECTRONIC DEVICES AND CIRCUITS LABORATORY	55	81.1	92	87	88	-

C208	BM19306	SENSOR AND MEASUREMENTS LABORATORY	55	87	83.2	85	87	-
C209	BM19401	ANALOG AND DIGITAL INTEGRATED CIRCUITS	55	48	52	36	50	61.7
C210	BM19402	BIOMEDICAL INSTRUMENTATION	55	67	64.5	60	81	60.9
C211	BM19403	PATHOLOGY AND MICROBIOLOGY	55	64.7	71.7	70.7	69.8	74
C212	MC19401	ENVIRONMENTAL SCIENCE AND ENGINEERING	55	72.4	76.3	75.6	74.8	69.8
C213	IT19404	OBJECT ORIENTED PROGRAMMING WITH C++	55	68.2	66.8	69.4	69.8	64.5
C214	BM19404	ANALOG AND DIGITAL INTEGRATED CIRCUITS LABORATORY	55	83	82	83.2	81	-
C215	BM19405	BIOMEDICAL INSTRUMENTATION LABORATORY	55	87	83	87	88	-
C216	IT19405	OBJECT ORIENTED PROGRAMMING WITH C++ LABORATORY	55	81	89	87	89.9	-
C217	EN19401	ENGLISH PROFICIENCY COURSE LABORATORY	55	61.3	62	64	66.2	-
C301	BM19501	BIOMECHANICS	55	68.2	71.3	59.6	58.4	59.4
C302	BM19502	BIOMEDICAL SIGNAL PROCESSING	55	67.2	65.3	70.5	64.5	68.9
C303	BM19503	MICROPROCESSOR AND MICROCONTROLLER	55	71	72.3	79.3	79.4	76.8
C304	BM19504	BIO CONTROL SYSTEMS	55	68.9	70.4	71.8	81.4	64.5
C305	BM19505	DIAGNOSTIC AND THERAPEUTIC EQUIPMENT I	55	72	73	74.4	73.2	79.4
C306	BM191 53	BIOMEMS	55	74.6	75.3	74.8	72	74.4
C307	BM19506	MICROPROCESSOR AND MICROCONTROLLER LABORATORY	55	88.2	81.3	86.2	89	-
C308	BM19507	BIOMEDICAL SIGNAL PROCESSING LABORATORY	55	67.6	72.4	72.1	74.2	-
C309	EN19501	CAREER DEVELOPMENT LABORATORY I	55	51.8	53.8	54.2	53.9	-
C310	BA19151	ENTREPRENEURSHIP DEVELOPMENT	55	61.3	62.1	64.2	65	62.78
C311	BM19601	DIAGNOSTIC AND THERAPEUTIC EQUIPMENT II	55	56.6	57.8	56.9	58	58.6
C312	BM19602	HUMAN ASSIST DEVICES	55	62	64	63.8	64.8	65.6
C313	BM19603	BIOMATERIALS	55	76.8	78.2	79.4	81.3	74.4

	C314	BM19253	PATTERN RECOGNITION AND NEURAL NETWORKS	55	76.8	77	78.2	77.4	76.8
	C315	BM19901	INDUSTRIAL NANOTECHNOLOGY	55	81.2	82.4	83.2	84.4	70.4
	C316	BM19604	DIAGNOSTIC AND THERAPEUTIC EQUIPMENT LABORATORY	55	83	82	83.2	81	-
	C317	BM19605	DESIGN PROJECT	55	85	83	82.1	87	-
	C318	EN19601	CAREER DEVELOPMENT LABORATORY II	55	88.2	81.3	86.2	89	-
4	C401	BM19701	MEDICAL IMAGE PROCESSING	55	78.4	76.5	73.2	71.8	72.2
	C402	BM19702	HEALTHCARE AND HOSPITAL MANAGEMENT	55	70.4	71	70.3	74.8	78
	C403	BM19351	FUNDAMENTALS OF BIOMEDICAL NANOTECHNOLOGY	55	86.7	86.6	79.4	74.2	76.9
	C404	BM19454	ARTIFICIAL INTELLIGENT FOR HEALTHCARE	55	76	76	70	76	72.1
	C405	BM19903	BASICS OF TELEMEDICINE	55	83	82	81.3	84	84.4
	C406	BM19703	MEDICAL IMAGE PROCESSING LABORATORY	55	81.5	82.4	83	81	-
	C407	BM19704	HOSPITAL INTERNSHIP TRAINING	55	82.2	85	84	83.2	-
	C408	BM19705	PROJECT WORK PHASE I	55	88.25	87	89	88.1	-
	C409	BM19801	RADIOLOGICAL EQUIPMENT	55	60	62	66	50	78
	C410	BM19551	ARTIFICIAL ORGANS AND IMPLANTS	55	70.7	71	70.2	78.2	80
	C411	BM19653	QUALITY CONTROL IN BIOMEDICAL ENGINEERING	55	62.4	61.5	66	78.6	60
	C412	BM19802	PROJECT WORK PHASE II	55	82.5	82.1	85.1	82.3	-



HOD /BME



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