

DIPLOMA IN BIO-MEDICAL ENGINEERING (BM)

1ST YEAR		III SEMESTER		IV SEMESTER		V SEMESTER		VI	
Sub Code	Subject	Sub_ Code	Subject	Sub_ Code	Subject	Sub - Code	Subject	Sub - Code	Sub - Name
HU-101	English	SC-301	Advanced Engineering Mathematics	BM-401	Medical Embedded Systems	BM-501	Hospital Management and Entrepreneurship with Startups	BM-601	Industrial Training
SC-102	Engineering Mathematics	EC-302	Digital Electronics	EC-402	Linear Integrated Circuits and Applications	BM-502	Medical Imaging Technology		
SC-103	Engineering Physics	EC-303	Electronic Devices and Circuits	BM-403	Medical Informatics and Telemedicine	BM-503	Biomedical Signal and Image Processing		
SC-104	Engineering Chemistry	BM-304	Basic Human Anatomy and Physiology	BM-404	Biomedical Equipment	BM-504A/E C-504B	Medical Internet of Things / Cybersecurity		
EC-105	Basic Electronics	CS-305	Fundamentals of AI and ML	BM-405	Bio-Sensors and Medical Instrumentation	BM-505A/ ME-505B	Bio-Materials and Medical Implants Engineering / Systems Engineering		
EC-106	Fundamentals of Computer Programming	EC-306	Digital Electronics Lab	BM-406	Medical Embedded Systems Lab	BM-506	Biomedical Signal and Image Processing Lab using MATLAB		
ME-107	Engineering Drawing with CAD	EC-307	Electronic Devices and Circuits Lab	EC-407	Linear Integrated Circuits Lab	BM-507	Biomedical Equipment - II Lab		
EC-108	Basic Electronics Lab	BM-308	Biomedical Circuit Designing & Servicing Lab	EC-408	Networking Lab	BM-508	Medical Internet of Things Lab		
SC-109	Science Lab	CS-309	Fundamentals of AI and ML Lab	BM-409	Bio-Sensors and Medical Instrumentation Lab	ME-509	Innovation & Design Thinking Lab		
EC-110	C and Python Programming Lab	HU-310	Communication Skills and Life Skills Lab	BM-410	Biomedical Equipment - I Lab	BM-510	Project Work		

