

Semester V

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employ ability	Entrepre neurship	Skill Develop ment	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	EC346	Microprocessor System in Medicine	DC	3	1	0	40	20	60	40	100	3:1:0	4	√		√				
2	EC347	Bio-Control Systems	DC	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				
3	EC348	Biomedical Signal Processing	DC	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				
4	BE361	Hospital Management	DC	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				
5	BE362	Therapeutic Equipments	DC	3	1	0	40	20	60	40	100	3:1:0	4	√						
6	EC351	Computational Methods for Signal and Image Processing	DE	3	1	0	40	20	60	40	100	3:1:0	4	√						
	BE364	Biomedical Nanotechnology	DE	3	1	0	40	20	60	40	100	3:1:0	4	√		√		√		
PRACTICAL																				
7	EC349	Biomedical Signal Processing Lab	DC	0	0	4	40	20	60	40	100	0:0:2	2	√	√	√				
8	EC350	Microprocessor System Lab	DC	0	0	4	40	20	60	40	100	0:0:2	2	√	√	√				
9	BE363	Therapeutic Equipments Lab	DC	0	0	4	40	20	60	40	100	0:0:2		√	√	√				
				18	6	12	360	180	540	360	900	30	30							

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				L	T	P	CT	TA	Total	ESE				Employ ability	Entrepre neurship	Skill Develop ment	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	BE365	Tissue Engineering	DC	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√		√		
2	BE366	Biomedical Hazards & Safety	DC	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				
3		OpenElective-I	OE	3	1	-	40	20	60	40	100	3:1:0	4	√						
4	EC356	Diagnostic Imaging Systems	DC	3	1	0	40	20	60	40	100	3:1:0	4	√		√				
5	EC355	Biomedical Laser Instruments	DC	3	1	0	40	20	60	40	100	3:1:0	4	√		√				
6	EC359	X-Ray Imaging and Computed Tomography	DE	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√				
	BE368	Biophysics & Biochemistry	DE	3	1	0	40	20	60	40	100	3:1:0	4	√		√				
PRACTICAL																				
7	EC357	Electro Diagnosis Lab	DC	0	0	4	40	20	60	40	100	0:0:2	2	√	√	√				
8	EC358	Biosensors & Transducers Laboratory	DC	0	0	4	40	20	60	40	100	0:0:2	2	√	√	√				
9	BE367	Tissue Engineering Laboratory	DC	0	0	4	40	20	60	40	100	0:0:2	2	√	√	√				
Total				18	6	12	360	180	540	360	900	30	30							