



JOY UNIVERSITY
semper paratus

School of Life & Health Sciences

Department of Allied Health Sciences

B. Sc. Cardiac Perfusion Technology – I Semester

Sl. No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	AEEN1111	Communication Skills in English	3	0	0	3	3
2.	BSCT 1112	Human Anatomy I	3	0	4	7	5
3.	BSCT 1113	Human Physiology I	3	0	4	7	5
4.	BSCT 1114	General Biochemistry & Nutrition	3	0	4	7	5
		TOTAL	12	0	12	24	18

B. Sc. Cardiac Perfusion Technology – II Semester

Sl. No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	AEEV1121	Environmental Science	2	0	0	2	2
2.	BSCT 1122	Human Anatomy II	3	0	4	7	5
3.	BSCT 1123	Human Physiology II	3	0	4	7	5
4.	BSCT 1124	General Microbiology	3	0	4	7	5
5.	BSCT 1125	Basic Pathology & Haematology	3	0	4	7	5
6.	BSCT 1126	Nutrition	1	0	0	1	1
		TOTAL	15	0	16	31	23

B. Sc. Cardiac Perfusion Technology – III Semester

Sl. No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSCT 1211	Applied Pharmacology	4	1	0	5	5
2.	BSCT 1212	Applied Anatomy and Physiology of Cardiovascular System related to PT	4	1	4	9	7
3.	BSCT 1213	Basics of Perfusion Technology	3	1	4	8	6
4.	BSCT 1214	Organisational Behaviour	3	0	0	3	3
5.	SECT 1215	Medical Bioethics & IPR (SEC*)	3	0	0	3	3
			17	3	8	28	24

SEC*-Skill Enhancement Course

B. Sc. Cardiac Perfusion Technology – IV Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSCT 1221	Applied Physiology and Biochemistry	4	1	4	9	7
2.	BSCT 1222	Introduction of Perfusion Technology	4	1	4	9	7
3.	BSCT 1223	Medicine relevant to PT technology	3	1	0	4	4
4.	BSCT1224	Basic Principles of Hospital Management	3	1	0	4	4
5.	BSCT1225	Research Methodology	3	0	0	3	3
		TOTAL	17	4	8	29	25

B. Sc. Cardiac Perfusion Technology – V Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSCT 1311	Perfusion Technology: Clinical	4	1	4	9	7
2.	BSCT 1312	Perfusion Technology: Applied	4	1	4	9	7
3.	BSCT 1313	PT Directed Clinical EducationI	-	-	-	-	2
4.	BSCT 1314	Basics of Clinical Skills Learning	3	0	0	3	3
5.	BSCT1315	Health Care Management	3	0	0	3	3
6.	BSCT 1316	Indian Medicine and Telemedicine	2	0	0	2	2
		TOTAL	16	2	8	26	24

B. Sc. Cardiac Perfusion Technology – VI Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSCT 1321	Perfusion Technology : Advanced	4	1	4	9	7
2.	BSCT 1322	Recent advances in Cardiopulmonary bypass & Perfusion	4	1	4	9	7
3.	BSCT 1323	PT Directed Clinical EducationII	-	-	-	-	2
4.	BSCT1324	Hospital Products, Promotion, Sales & Public relations (or) Physician's Office Management	3	0	0	3	3
5.	BSCT1325	Biostatistics and Ethics	3	0	0	3	3
6.	BSCT 1326	Introduction to Quality & Patient safety	2	0	0	2	2
TOTAL			16	2	8	26	24

SN	Semester		Credits
1	VII Semester	Clinical Posting	15
2	VIII Semester	Clinical Posting	15

SEMESTER WISE CREDIT LOAD

S.No.	SEMESTER	L	T	P	C
1.	SEMESTER I	12	0	12	18
2.	SEMESTER II	15	0	16	23
3.	SEMESTER III	17	3	8	24
4.	SEMESTER IV	17	4	8	25
5.	SEMESTER V	16	2	8	24
6.	SEMESTER VI	16	2	8	24
7.	SEMESTER VII (Clinical Posting)	-	-	-	15
8.	SEMESTER VIII (Clinical Posting)	-	-	-	15
TOTAL		93	11	60	168

Total credits =168