



Bachelor of Cardiac Care Technology (BCT)

First Year

S. No	Course Code	Course Title	Total Theory	Total Practical	Total Credits	Total Hours (Th + Practical)	IA	UE	Exam Hours
1.	BCT 101	General Anatomy	90	30	3	120	25	75	3 hrs
2.	BCT102	General Physiology	90	30	3	120	25	75	3 hrs
3.	BCT103	General Biochemistry	60	60	3	120	25	75	3 hrs
4.	BCT 104	General Microbiology	80	-	3	80	25	75	3 hrs
5.	BCT 105	General Nutrition	80	-	2	80	25	75	3 hrs
6.	BCT 106	General Pathology	60	-	2	60	25	75	3 hrs
7.	BCT 107	Basics of Computer	40	-	2	40	25	75	3 hrs
8.	BCT 108	English & Communication	40	-	2	40	25	75	3 hrs
9.	BCT 109	Clinical Hours	470 hrs						

Total Theory Hours – 660 hrs

Total Clinical Hours – 470 hrs

Second Year

S. No	Course Code	Course Title	Total Theory	Total Practical	Total Credits	Total Hours (Th + Practical)	IA	UE	Exam Hours
1.	BCT 201	Medical Electronics & Biophysics computer usage to cardiac care technology	60	20	2	80	25	75	3 hrs
2.	BCT202	Medicines relevant to cardiac care technology	80	-	2	80	25	75	3 hrs
3.	BCT203	Applied Pharmacology	80	-	2	80	25	75	3 hrs
4.	BCT 204	Introduction to Cardiac Care Technology	120	40	4	160	25	75	3 hrs
5.	BCT 205	Applied Microbiology & Pathology	60	-	2	60	25	75	3 hrs
9.	BCT 206	Clinical Hours	650 hrs						

Total Theory Hours - 460 hrs

Total Clinical Hours - 650 hrs



Third Year

S. No	Course Code	Course Title	Total Theory	Total Practical	Total Credits	Total Hours (Theory + Practical)	IA	UE	Exam Hours
1.	BCT 301	Cardiac Care Technology - Clinical	120	40	4	160	25	75	3 hrs
2.	BCT302	Cardiac Care Technology - Applied	120	40	4	160	25	75	3 hrs
3.	BCT303	Cardiac Care Technology - Advanced	120	40	4	160	25	75	3 hrs
4.	BCT 304	Introduction to Quality & Patient Safety	45	-	2	45	25	75	3 hrs
5.	BCT 305	Medical Psychology, Medical Law & Medical Ethics	50	-	2	50	25	75	3 hrs
6.	BCT 306	Research & Biostatistics	80	-	2	80	25	75	3 hrs
9.	BCT 109	Clinical Hours	750 hrs						

Total Theory Hours – 655 hrs

Total Clinical Hours - 750 hrs

Note – Cardiac Care Technology – Clinical (Clinical posting – 250 hours)
Cardiac Care Technology – Applied (Clinical posting – 250 hours)
Cardiac Care Technology – Advanced (Clinical posting – 250 hours)

Total Theory Course Hours – 1775 Hours

Total Clinical Course Hours – 1870 Hours

Note- Internship posting for 3 months