

B.Sc Cardiac Technology

| Year | Sem | S.No | Subject | Theory Hrs | Practical Hrs | Clinical Hrs | Total Hrs |
|-------------------------------|---------|------|--|------------|---------------|--------------|-------------|
| I Year | I Sem | 1. | Anatomy | 60 | 30 | | 90 |
| | | 2. | Physiology | 60 | 30 | | 90 |
| | | 3. | Biochemistry | 60 | 30 | | 90 |
| | | C 1 | Communication and Soft Skills | 60 | | | 60 |
| | | | Library/Co-curricular | 30 | | | 30 |
| | | | Clinical Hours | | | 140 | 140 |
| | | | Total Hours | 270 | 90 | 140 | 500 |
| | II Sem | 4. | Pathology | 60 | 30 | | 90 |
| | | 5. | Microbiology | 60 | 30 | | 90 |
| | | C 2 | Computer Application | 30 | 30 | | 60 |
| | | C 3 | First Aid | 30 | 30 | | 60 |
| | | | Library/Co-curricular | 30 | | | 30 |
| | | | Clinical Hours | | | 270 | 270 |
| | | | Total Hours | 210 | 120 | 270 | 600 |
| I Year Overall Total | | | | 480 | 210 | 410 | 1100 |
| II Year | III Sem | 6. | Applied Anatomy & Physiology related to Cardiac Technology | 60 | | 320 | 380 |
| | | 7. | Applied Pharmacology | 60 | | 100 | 160 |
| | | C 4 | Sociology | 30 | | | 30 |
| | | | Library/Co-curricular | 30 | | | 30 |
| | | | Total Hours | 180 | | 420 | 600 |
| | IV Sem | 8. | Introduction to Cardiac Technology | 60 | | 320 | 380 |
| | | 9. | Medical Disorders Relevant to Cardiac Technology | 60 | | 100 | 160 |
| | | C 5 | Environmental Science | 30 | | | 30 |
| | | | Library/Co-curricular | 30 | | | 30 |
| | | | Total Hours | 180 | | 420 | 600 |
| | | | II Year Overall Total | 360 | | 490 | 1200 |
| III year | V Sem | 10. | Cardiac Technology Applied - I | 60 | | 230 | 290 |
| | | 11. | Cardiac Technology Applied - II | 60 | | 190 | 250 |
| | | C 6 | Medical Ethics | 30 | | | 30 |
| | | | Library/Co-curricular | 30 | | | 30 |
| | | | Total Hours | 180 | | 420 | 600 |
| | VI Sem | 12. | Advance Cardiac Technology - I | 60 | | 150 | 210 |
| | | 13. | Advance Cardiac Technology - II | 60 | | 270 | 330 |
| | | C 7 | Research Methodology & Bio-Statistics* | 30 | | | 30 |
| | | | Library/Co-curricular | 30 | | | 30 |
| | | | Total Hours | 180 | | 420 | 600 |
| III Year Overall Total | | | | 360 | | 840 | 1200 |
| IV year | | | Internship | | | | 1 year |

Note: C 1 to C 7 - Subsidiary Subjects

Internship Details (1 year)

| S.No | Clinical Area | In Months |
|-------------|------------------------------|------------------|
| 1. | Cath lab | 3 Months |
| 2. | ECHO | 3 Months |
| 3. | ECG/Tread mill | 3 Months |
| 4. | Operation Theatre (CABG) | 1 Month |
| 6. | Intensive Coronary Care Unit | 2 Months |
| | Total | 12 Months |