

SEMESTER I

Subject Name	Subject Type	Subject Code	Subject Credit
Quantitative Physiology for Engineer	Professional Core	3BM1101	3
Medical Image Processing & Analysis	Professional Core	3BM1102	4
Advanced Rehabilitation Engineering	Professional Core	3BM1103	4
Advanced Bio-Instrumentation & Radiation	Professional Core	3BM1104	4
Virtual Instrumentation	Professional Core	3BM1105	1
Elective –I : Medical Microsystems	Professional Elective	3BM11PE01	3
Elective –I : Biomedical waste Management	Professional Elective	3BM11PE02	3

SEMESTER II

Subject Name	Subject Type	Subject Code	Subject Credit
Bioethics, Standards & IPR Issues	Professional Core	3BM2101	3
Statistical Methods for Bio-Engineering	Professional Core	3BM2102	4
Advanced Digital Signal Processing	Professional Core	3BM2103	4
Artificial Intelligence	Professional Core	3BM2104	4
Research Methodology	Professional Core	3BM2105	1
Elective –I: Advanced Biomaterials & Surface Engineering	Professional Elective	3BM21PE01	3
Elective –II : Robotics in Medical Applications	Professional Elective	3BM21PE02	3

**SEMESTER
III**

Subject Name	Subject Type	Subject Code	Subject Credit
Seminar	Professional Core	3BM301	2
Dissertation Part-I	Professional Core	3BM302	13

**SEMESTER
IV**

Subject Name	Subject Type	Subject Code	Subject Credit
Dissertation Part-II	Professional Core	3BM401	15

