

BOARD OF TECHNICAL EDUCATION , GOA STATE
PROGRAMME STRUCTURE- 28- MEDICAL ELECTRONICS

(Subjects not offered till May 2010 are deleted and not to be offered without consent of BTE)

| Sr. No | E/C | SUBJ CODE | SUBJECTNAME | TEACHING SCHEME | | EXAMINATION SCHEME | | | |
|---------------------|-----|-----------|------------------------------|-----------------|-------|--------------------|----------|--------|--------|
| | | | | Lect | Pract | MAX TH | MAX TEST | MAX PR | MAX TW |
| SEMESTER I | | | | | | | | | |
| 1 | C | 1001-S | COMMUNICATION SKILLS-I | - | 2 | 0 | 0 | 50 | 50 |
| 2 | C | 1002-S | ENGINEERING MATHS-I | 5 | - | 75 | 25 | 0 | 0 |
| 3 | C | 1004-S | APPLIED PHYSICS-I | 3 | 2 | 75 | 25 | 0 | 25 |
| 4 | C | 1006-S | APPLIED CHEMISTRY | 3 | 2 | 75 | 25 | 50 | 25 |
| 5 | C | 1010-S | COMPUTER TECHNIQUES | 1 | 3 | 0 | 0 | 50 | 50 |
| 6 | C | 2001-S | ENGINEERING DRAWING-I | 2 | 4 | 0 | 0 | 0 | 100 |
| 7 | C | 2003-S | BASIC WORKSHOP PRACT-I | - | 4 | 0 | 0 | 0 | 100 |
| SEMESTER II | | | | | | | | | |
| 1 | C | 1003-S | ENGINEERING MATHS-II | 5 | - | 75 | 25 | 0 | 0 |
| 2 | C | 1005-S | APPLIED PHYSICS-II | 3 | 2 | 75 | 25 | 50 | 25 |
| 3 | C | 2005-S | APPLIED MECHANICS-I | 3 | 2 | 75 | 25 | 0 | 25 |
| 4 | C | 3013-S | COMM. SKILLS-II | - | 2 | 0 | 0 | 50 | 50 |
| 5 | C | 3108-S | ENVIRONMENTAL STUDIES | 3 | 1 | 75 | 25 | 0 | 25 |
| 6 | C | 4132-S | BASIC ELECTRONICS | 3 | 4 | 75 | 25 | 50 | 25 |
| 7 | C | 4133-S | ELECTRONIC W/S & DRW | - | 4 | 0 | 0 | 0 | 50 |
| SEMESTER III | | | | | | | | | |
| 1 | C | 4134-S | DIGITAL ELECTRONICS-I | 3 | 2 | 75 | 25 | 50 | 25 |
| 2 | C | 4135-S | ELECTRONIC CIRCUITS | 4 | 4 | 75 | 25 | 50 | 50 |
| 3 | C | 4136-S | CIRCUITS & NETWORKS | 4 | 2 | 75 | 25 | 0 | 25 |
| 4 | C | 4191-S | HUMAN BIO TECH. & APPL.-I | 3 | 3 | 75 | 25 | 0 | 25 |
| 5 | C | 4192-S | MEDICAL INSTRUMENTS-I | 3 | 3 | 75 | 25 | 50 | 25 |
| SEMESTER IV | | | | | | | | | |
| 1 | C | 4138-S | DIGITAL ELECTRONICS-II | 3 | 2 | 75 | 25 | 0 | 25 |
| 2 | C | 4140-S | ANALOG ELECTRONICS | 4 | 2 | 75 | 25 | 50 | 25 |
| 3 | C | 4142-S | MICROPROCESSORS-I(8085) | 3 | 2 | 75 | 25 | 50 | 25 |
| 4 | C | 4193-S | HUMAN BIOLOGY TECH & APPL-II | 3 | 3 | 75 | 25 | 0 | 50 |
| 5 | C | 4194-S | MEDICAL INSTRUMENTS-II | 3 | 3 | 75 | 25 | 50 | 25 |
| 6 | C | 4200-S | ELECTR.SAFETY | 0 | 4 | 0 | 0 | 50 | 50 |
| SEMESTER V | | | | | | | | | |
| 1 | C | 4147-S | MICROPROCESSORS-II (PD&I) | 3 | 2 | 75 | 25 | 0 | 25 |
| 2 | C | 4196-S | MEDICAL INSTRUMENTS-III | 3 | 3 | 75 | 25 | 50 | 50 |
| 3 | C | 5148-S | ELECTRONIC MAINT. & REPAIRS | 1 | 4 | 0 | 0 | 50 | 50 |
| 4 | C | 5190-S | BIO INFORMATICS | 3 | 2 | 0 | 0 | 50 | 50 |
| 5 | C | 5211-S | MEDICAL ASSISTANTSHIP | 3 | 3 | 0 | 0 | 50 | 50 |
| 6 | C | 5212-S | PC HARDWARE & MAINTENANCE | 1 | 4 | 0 | 0 | 50 | 50 |
| SEMESTER VI | | | | | | | | | |
| 1 | C | 3007-S | ENTREPRENURSHIP DEVELOPMNT | 3 | 0 | 75 | 25 | 0 | 0 |
| 2 | C | 3014-S | MARKETING MANAGEMENT | 3 | 0 | 75 | 25 | 0 | 0 |
| 3 | C | 4197-S | MEDICAL INSTRUMENTS-IV | 3 | 3 | 75 | 25 | 50 | 50 |
| 4 | C | 4198-S | MEDICAL ELECTRONICS PROJECT | 0 | 6 | 0 | 0 | 100 | 100 |
| 5 | C | 4199-S | BIO STATISTICS | 3 | 2 | 0 | 0 | 100 | 100 |
| 6 | C | 5200-S | PCB DESIGNING | 1 | 4 | 0 | 0 | 100 | 50 |