

ANNA UNIVERSITY CHENNAI :: CHENNAI 600 025
AFFILIATED INSTITUTIONS
CURRICULUM 2008
B.TECH. INFORMATION TECHNOLOGY
3 & 4 SEMESTERS CURRICULUM AND SYLLABI
SEMESTER III

(Applicable to the students admitted from the Academic year 2008–2009 onwards)

| Code No. | Course Title | L | T | P | C |
|------------------|---|-----------|----------|----------|-----------|
| THEORY | | | | | |
| MA 2211 | Transforms and Partial Differential Equations | 3 | 1 | 0 | 4 |
| CS 2203 | Object Oriented Programming | 3 | 0 | 0 | 3 |
| CS 2202 | Digital Principles and Systems Design | 3 | 1 | 0 | 4 |
| IT 2201 | Data Structures and Algorithms | 3 | 0 | 0 | 3 |
| IT 2202 | Principles of Communication | 3 | 1 | 0 | 4 |
| GE 2021 | Environmental Science & Engineering | 3 | 0 | 0 | 3 |
| PRACTICAL | | | | | |
| CS 2207 | Digital Lab | 0 | 0 | 3 | 2 |
| IT 2205 | Data Structures and Algorithms Lab | 0 | 0 | 3 | 2 |
| CS 2209 | Object Oriented Programming Lab | 0 | 0 | 3 | 2 |
| TOTAL | | 18 | 3 | 9 | 27 |

SEMESTER IV

(Applicable to the students admitted from the Academic year 2008–2009 onwards)

| Code No. | Course Title | L | T | P | C |
|------------------|--|-----------|----------|----------|-----------|
| THEORY | | | | | |
| MA 2262 | Probability and Queuing Theory | 3 | 1 | 0 | 4 |
| CS 2255 | Data Base Management Systems | 3 | 0 | 0 | 3 |
| CS2252 | Microprocessors & Microcontrollers | 3 | 0 | 0 | 3 |
| CS 2253 | Computer Organization and Architecture | 3 | 1 | 0 | 4 |
| CS 2254 | Operating Systems | 3 | 0 | 0 | 3 |
| IT 2251 | Software Engineering and Quality Assurance | 3 | 0 | 0 | 3 |
| PRACTICAL | | | | | |
| CS 2258 | Database Management Systems Lab | 0 | 0 | 3 | 2 |
| CS 2257 | Operating System Lab | 0 | 0 | 3 | 2 |
| CS 2259 | Microprocessors Lab | 0 | 0 | 3 | 2 |
| TOTAL | | 18 | 2 | 9 | 26 |