

B. Tech. Information Technology
Four-Year Programme
Academic Curriculum (2009 – 10 onwards)

Third Year

| | Course Code | Course Title | Contact Hours per Week | | | Credits | ETE Duration | Weightage (%) | | |
|------------------------|------------------|-----------------------------------|------------------------|-----------|----------|-----------|--------------|---------------|-------|-----|
| | | | L | T | P | | Hours | CW* | MTT** | ETE |
| | | | | | | | | | | |
| Autumn Semester | CS 301 | Design and Analysis of Algorithms | 3 | 1 | 0 | 4 | 3 | 10 | 40 | 50 |
| | CS 403 | Computer Networks | 3 | 1 | 0 | 4 | 3 | 10 | 40 | 50 |
| | CS 204 | Software Engineering | 3 | 1 | 0 | 4 | 3 | 10 | 40 | 50 |
| | CS 307 | Computer Graphics | 3 | 0 | 0 | 3 | 3 | 10 | 40 | 50 |
| | CS 309 | System Programming | 2 | 1 | 0 | 3 | 2 | 10 | 40 | 50 |
| | CS 224 | Software Engineering Laboratory-I | 0 | 0 | 2 | 1 | 2 | 20 | 40 | 40 |
| | CS 323 | Computer Graphics Laboratory | 0 | 0 | 4 | 2 | 3 | 20 | 40 | 40 |
| | CS 325 | System Programming Laboratory | 0 | 0 | 4 | 2 | 3 | 20 | 40 | 40 |
| | GE 301 | Interpersonal Communication | 0 | 0 | 2 | 1 | 2 | 20 | 40 | 40 |
| | GE 303 | Discipline | - | - | - | 1 | - | 100 | | |
| | Sub Total | | | 14 | 4 | 12 | 25 | | | |
| | GE 305 | Proficiency (Non Credit) † | - | - | - | 1 | | | | |

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|------------------------|------------------|---|------------------------|-----------|------------|------------|--------------|---------------|-------|-----|
| | | | L | T | P | | Hours | CW* | MTT** | ETE |
| | | | | | | | | | | |
| Spring Semester | EC 318 | Satellite Communication | 3 | 1 | 0 | 4 | 3 | 10 | 40 | 50 |
| | EC 202 | Microprocessors and Microcontrollers | 3 | 0 | 0 | 3 | 3 | 10 | 40 | 50 |
| | EC 316 | Advanced Digital Communication | 3 | 1 | 0 | 4 | 3 | 10 | 40 | 50 |
| | CS 303 | Theory of Computation | 3 | 1 | 0 | 4 | 3 | 10 | 40 | 50 |
| | CS 312 | Internet Technologies | 3 | 1 | 0 | 4 | 3 | 10 | 40 | 50 |
| | | Elective I | 3 | 1/0 | 0/2 | 4 | 3 | 10 | 40 | 50 |
| | EC 222 | Microprocessors and Microcontrollers Laboratory | 0 | 0 | 2 | 1 | 2 | 20 | 40 | 40 |
| | CS 324 | Internet Programming Laboratory | 0 | 0 | 4 | 2 | 3 | 20 | 40 | 40 |
| | GE 304 | Discipline | - | - | - | 1 | - | 100 | | |
| | Sub Total | | | 18 | 4/5 | 6/8 | 27 | | | |
| | GE 306 | Proficiency (Non Credit) † | - | - | - | 1 | | | | |