

**Academic 2022-23 Automonous Scheme**  
**For**  
**B.Tech.InformationTechnologyProgramme**  
**CurriculumforSemester III**

| Sr.No | Category of Subject | Course Code | Course Name                        | Teaching Scheme |   |   | Evaluation Scheme |     |     |       | Credits |
|-------|---------------------|-------------|------------------------------------|-----------------|---|---|-------------------|-----|-----|-------|---------|
|       |                     |             |                                    | L               | T | P | CA                | MSE | ESE | Total |         |
| 1     | ESC                 | IT5T001     | Embedded System &IoT               | 3               | 0 | 0 | 20                | 20  | 60  | 100   | 3       |
| 2     | PCC                 | IT5T002     | Cyber Security & Cryptography      | 3               | 1 | 0 | 20                | 20  | 60  | 100   | 4       |
| 3     | PCC                 | IT5T003     | Design And Analysis of Algorithm   | 3               | 1 | 0 | 20                | 20  | 60  | 100   | 4       |
| 4     | PCC                 | ITOEC1      | Open Elective-1                    | 3               | 1 | 0 | 20                | 20  | 60  | 100   | 3       |
| 5     | PEC                 | IT5TE01     | Elective-I                         | 3               | 0 | 0 | 20                | 20  | 60  | 100   | 3       |
| 6     | ESC                 | IT5L001     | Embedded System &IoT(Lab)          | 0               | 0 | 2 | 60                | 20  | 40  | 100   | 1       |
| 7     | PCC                 | IT5L005     | Cyber Security & Cryptography(Lab) | 0               | 0 | 2 | 60                | 20  | 40  | 100   | 1       |

|    |         |         |   |    |   |   |     |     |     |     |       |
|----|---------|---------|---|----|---|---|-----|-----|-----|-----|-------|
| 8  | PCC     | IT5L006 | Design And Analysis of Algorithm(Lab)       | 0  | 0 | 2 | 60  | 0   | 40  | 100 | 1     |
| 9  | PROJECT | IT5T007 | Intenrship                                  | 0  | 0 | 0 | 0   | 0   | 0   | 0   | 1     |
| 10 | MC      | IT5T001 | Innovation and Enterpreneurship Development | 2  | 0 | 0 | 15  | 10  | 25  | 50  | Audit |
|    |         |         |   | 17 | 3 | 6 | 300 | 120 | 450 | 850 | 21    |

## B.Tech.InformationTechnologyProgramme

### CurriculumforSemester-IV[SecondYear]

| Sr.No | Category of Subject | Course Code | Course Name                         | Teaching Scheme |   |   | Evaluation Scheme |     |     |       | Credits |
|-------|---------------------|-------------|-------------------------------------|-----------------|---|---|-------------------|-----|-----|-------|---------|
|       |                     |             |                                     | L               | T | P | CA                | MSE | ESE | Total |         |
| 1     | PCC                 | IT4T001     | Theory of Computation               | 3               | 1 | 0 | 20                | 20  | 60  | 100   | 4       |
| 2     | PCC                 | IT4T002     | Java Programming                    | 3               | 0 | 0 | 20                | 20  | 60  | 100   | 3       |
| 3     | PCC                 | IT4T003     | Operating System                    | 3               | 0 | 0 | 20                | 20  | 60  | 100   | 3       |
| 4     | PCC                 | IT4T004     | Computer Networks                   | 2               | 1 | 0 | 20                | 20  | 60  | 100   | 3       |
| 5     | PCC                 | IT4T005     | DBMS                                | 3               | 0 | 0 | 20                | 20  | 60  | 100   | 3       |
| 6     | PCC                 | IT4T006     | Discrete Mathematics & Graph Theory | 3               | 0 | 0 | 20                | 20  | 60  | 100   | 3       |
| 7     | PCC                 | IT4L007     | DBMS(Lab)                           | 0               | 0 | 2 | 60                | 0   | 40  | 100   | 1       |
| 8     | PCC                 | IT4L008     | Computer Networks(Lab)              | 0               | 0 | 2 | 60                | 0   | 40  | 100   | 1       |
| 9     | PCC                 | IT4L009     | Java Programming(Lab)               | 0               | 0 | 2 | 60                | 0   | 40  | 100   | 1       |
| 10    | MC                  | IT4L0010    | Consumer Affairs                    | 2               | 0 | 0 | 15                | 10  | 25  | 50    | Audit   |
|       |                     |             |                                     | 19              | 2 | 6 | 300               | 120 | 530 | 950   | 22      |

**Curriculum for Semester-V [Third Year] Autonomous  
Scheme**

| Sr.No | Category of Subject | Course Code | Course Name                                 | Teaching Scheme |   |   | Evaluation Scheme |     |     |       | Credits |
|-------|---------------------|-------------|---|-----------------|---|---|-------------------|-----|-----|-------|---------|
|       |                     |             |   | L               | T | P | CA                | MSE | ESE | Total |         |
| 1     | ESC                 | IT5T001     | Embedded System & IoT                       | 3               | 0 | 0 | 20                | 20  | 60  | 100   | 3       |
| 2     | PCC                 | IT5T002     | Cyber Security & Cryptography               | 3               | 1 | 0 | 20                | 20  | 60  | 100   | 4       |
| 3     | PCC                 | IT5T003     | Design And Analysis of Algorithm            | 3               | 1 | 0 | 20                | 20  | 60  | 100   | 4       |
| 4     | PCC                 | ITOEC1      | Open Elective-1                             | 3               | 1 | 0 | 20                | 20  | 60  | 100   | 3       |
| 5     | PEC                 | IT5TE01     | Elective-I                                  | 3               | 0 | 0 | 20                | 20  | 60  | 100   | 3       |
| 6     | ESC                 | IT5L001     | Embedded System & IoT(Lab)                  | 0               | 0 | 2 | 60                | 20  | 40  | 100   | 1       |
| 7     | PCC                 | IT5L005     | Cyber Security & Cryptography(Lab)          | 0               | 0 | 2 | 60                | 20  | 40  | 100   | 1       |
| 8     | PCC                 | IT5L006     | Design And Analysis of Algorithm(Lab)       | 0               | 0 | 2 | 60                | 0   | 40  | 100   | 1       |
| 9     | PROJECT             | IT5T007     | Intenrship                                  | 0               | 0 | 0 | 0                 | 0   | 0   | 0     | 1       |
| 10    | MC                  | IT5T001     | Innovation and Entrepreneurship Development | 2               | 0 | 0 | 15                | 10  | 25  | 50    | Audit   |
|       |                     |             |   | 17              | 3 | 6 | 300               | 120 | 450 | 850   | 21      |

**B.Tech.InformationTechnologyProgramme**  
**CurriculumforSemester-VI Semester**  
**Autonomous Scheme**

| Sr.No | Category of Subject | Course Code | Course Name                  | Teaching Scheme |   |    | Evaluation Scheme |     |     |       | Credits |
|-------|---------------------|-------------|------------------------------|-----------------|---|----|-------------------|-----|-----|-------|---------|
|       |                     |             |                              | L               | T | P  | CA                | MSE | ESE | Total |         |
| 1     | ESC                 | IT6T001     | Adhoc Wireless Networks      | 3               | 0 | 0  | 20                | 20  | 60  | 100   | 3       |
| 2     | PCC                 | IT6T002     | Machine Learning             | 3               | 1 | 0  | 20                | 20  | 60  | 100   | 4       |
| 3     | PEC                 | IT6TE02     | Elective-II                  | 3               | 0 | 0  | 20                | 20  | 60  | 100   | 3       |
| 4     | PEC                 | IT6TE03     | Elective-III                 | 3               | 0 | 0  | 20                | 20  | 60  | 100   | 3       |
| 5     | OEC                 | ITOEC2      | Open Elective 2              | 3               | 1 | 0  | 20                | 20  | 60  | 100   | 4       |
| 6     | ESC                 | IT6L003     | Adhoc Wireless Networks(Lab) | 0               | 0 | 2  | 60                | 0   | 40  | 100   | 1       |
| 7     | PCC                 | IT6L004     | Machine Learning(Lab)        | 0               | 0 | 2  | 60                | 0   | 40  | 100   | 1       |
| 8     | PCC                 | IT6L005     | Mutimedia(lab)               | 0               | 0 | 2  | 60                | 0   | 40  | 100   | 1       |
| 9     | PROJECT             | IT6P006     | Mini Project                 | 0               | 0 | 4  | 25                | 0   | 25  | 50    | 3       |
| 10    | MC                  | IT6T007     | Intellectual Property Rights | 2               | 0 | 0  | 15                | 10  | 25  | 50    | Audit   |
|       |                     |             |                              | 17              | 2 | 10 | 325               | 100 | 475 | 900   | 23      |



|   |         |         |              |   |   |   |     |    |     |     |    |
|---|---------|---------|--------------|---|---|---|-----|----|-----|-----|----|
| 4 | PROJECT | IT8P002 | MajorProject | 0 | 0 | 6 | 75  | 0  | 75  | 150 | 6  |
|   |         |         |              | 6 | 1 | 6 | 155 | 40 | 175 | 350 | 14 |