

Scheme of
UNDERGRADUATE DEGREE COURSE

Information Technology



Rajasthan Technical University, Kota
Effective from session: 2018 – 2019



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech. : Information Technology 2nd Year - IV Semester

| THEORY | | | | | | | | | | | |
|------------------------------|----------|---------------------|---|------------------|---|----|---------|-----|-----|-------|------|
| SN | Category | Course | | Contact hrs/week | | | Marks | | | | Cr |
| | | Code | Title | L | T | P | Exm Hrs | IA | ETE | Total | |
| | | | | | | | | | | | |
| 1 | BSC | 4IT2-01 | Discrete Mathematics Structure | 3 | 0 | 0 | 3 | 30 | 120 | 150 | 3 |
| 2 | HSMC | 4IT1-03/ 4IT1-02 | Managerial Economics and Financial Accounting / Technical Communication | 2 | 0 | 0 | 2 | 20 | 80 | 100 | 2 |
| 3 | ESC | 4IT3-04 | Principle of Communication | 3 | 0 | 0 | 3 | 30 | 120 | 150 | 3 |
| 4 | PCC | 4IT4-05 | Database Management System | 3 | 0 | 0 | 3 | 30 | 120 | 150 | 3 |
| 5 | | 4IT4-06 | Theory of Computation | 3 | 0 | 0 | 3 | 30 | 120 | 150 | 3 |
| 6 | | 4IT4-07 | Data Communication and Computer Networks | 3 | 0 | 0 | 3 | 30 | 120 | 150 | 3 |
| Sub Total | | | | 17 | 0 | 0 | | 170 | 680 | 850 | 17 |
| PRACTICAL & SESSIONAL | | | | | | | | | | | |
| 8 | PCC | 4IT4-21 | Linux Shell Programming Lab | 0 | 0 | 2 | | 30 | 20 | 50 | 1 |
| 9 | | 4IT4-22 | Database Management System Lab | 0 | 0 | 3 | | 45 | 30 | 75 | 1.5 |
| 10 | | 4IT4-23 | Network Programming Lab | 0 | 0 | 3 | | 45 | 30 | 75 | 1.5 |
| 11 | | 4IT4-24 | Java Lab | 0 | 0 | 2 | | 30 | 20 | 50 | 1 |
| 12 | | 4IT4-25 | Web Technology Lab | 0 | 0 | 2 | | 30 | 20 | 50 | 1 |
| 13 | SODE CA | 4IT8-00 | Social Outreach, Discipline & Extra Curricular Activities | | | | | | | 25 | 0.5 |
| Sub- Total | | | | 0 | 0 | 12 | | 180 | 120 | 325 | 6.5 |
| TOTAL OF IV SEMEESTER | | | | 17 | 0 | 12 | | 350 | 800 | 1175 | 23.5 |

L: Lecture, **T:** Tutorial, **P:** Practical, **Cr:** Credits

ETE: End Term Exam, **IA:** Internal Assessment

Office of Dean Academic Affairs
Rajasthan Technical University, Kota