

| Name of the Programme: B.Tech Computer Science (Data Science) | | | | | | | Year of the Programme: First Year | | | | | Semester: I & II | | | | | | | | | | Templat e Codes | GR Applicabl e (yes /No) | Remarks |
|---|--------------------------|--|----------------------------------|--|---|---|-----------------------------------|----------------------------------|----------|--|--------------------------------|------------------|---------------|----------------|------------------------|------------------------|-------------------------|-------------------------|-------|--------------------|-------|--------------------|-----------------------------------|---------|
| Sr. No. | Module / Subject Code | Name of the Module | Theory (Hours per week) | Practica ls (Hours per week) | Tutori als (Hours per week) | Total no. of hours for the subject (In term) | Credit/s | Duration of Examination (Hrs) | | Mode of Exam Written / OffLine/On line/Computer based / Practical/Viva /Jury/ Presentation | Examination Scheme (Weightage) | | | | | | | Total | | | | | | |
| | | | | | | | | Written | Only ICA | | ICA | | | TEE | | Marks to (Marks) | Scaled to (Marks) | | Marks | Weig htage % | | | | |
| Semester -I | | | | | | | | | | | Test I | Test II | Term work* | Total Marks | Marks to (Marks) | | | Scaled to (Marks) | | | Marks | Weig htage % | | |
| 1 | BTCDS1001 | Introduction to business Analytics and Business intelligence | 3 | 0 | 0 | 45 | 3 | 3 Hrs | | Written | 10 | 10 | 30 | 50 | 50 | 100 | 50 | 100 | 100 | 7031 | Yes | | | |
| 2 | BTCDS1002 | Business Calculus | 3 | 0 | 1 | 60 | 4 | 3 Hrs | | Written | 10 | 10 | 30 | 50 | 50 | 100 | 50 | 100 | 100 | 7031 | Yes | | | |
| 3 | BTCDS1003 | Foundation of Business | 3 | 0 | 0 | 45 | 3 | 3 Hrs | | Written | 10 | 10 | 30 | 50 | 50 | 100 | 50 | 100 | 100 | 7031 | Yes | | | |
| 4 | BTCDS1004 | Communication Skills-I | 3 | 0 | 0 | 45 | 3 | 3 Hrs | | Written | 10 | 10 | 30 | 50 | 50 | 100 | 50 | 100 | 100 | 7031 | Yes | | | |
| 5 | BTCDS1005 | Introductory psychology | 3 | 0 | 0 | 45 | 3 | 3 Hrs | | Written | 10 | 10 | 30 | 50 | 50 | 100 | 50 | 100 | 100 | 7031 | Yes | | | |
| 6 | BTCDS1006 | Engineering Graphics and Design | 0 | 2 | 0 | 30 | 1 | | ONLY ICA | Practical | 10 | 10 | 30 | 50 | 50 | - | - | 50 | 100 | 7032 | No | | | |
| 7 | BTCDS1007 | Programming for Problem solving | 2 | 2 | 0 | 60 | 3 | | ONLY ICA | Practical | 10 | 10 | 30 | 50 | 50 | - | - | 50 | 100 | 7032 | No | | | |
| 8 | BTCDS1008 | Basic of Electrical and Electronics Engineering | 2 | 2 | 0 | 60 | 3 | 3 Hrs | | Written | 10 | 10 | 30 | 50 | 50 | 100 | 50 | 100 | 100 | 7031 | Yes | | | |
| Total | | | 19 | 6 | 1 | 390 | 23 | | | | 80 | 80 | 240 | 400 | 400 | 600 | 300 | 700 | | | | | | |
| Semester -II | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | BTCDS2001 | Principles of Accounting -I | 3 | 0 | 0 | 45 | 3 | 3 Hrs | | Written | 10 | 10 | 30 | 50 | 50 | 100 | 50 | 100 | 100 | 7031 | Yes | | | |
| 2 | BTCDS2002 | Principles of Economics -I | 3 | 0 | 0 | 45 | 3 | 3 Hrs | | Written | 10 | 10 | 30 | 50 | 50 | 100 | 50 | 100 | 100 | 7031 | Yes | | | |
| 3 | BTCDS2003 | Introduction to Business Statistics, Analytics & Modeling | 2 | 0 | 1 | 45 | 3 | 3 Hrs | | Written | 10 | 10 | 30 | 50 | 50 | 100 | 50 | 100 | 100 | 7031 | Yes | | | |
| 4 | BTCDS2004 | Communication Skills-II | 3 | 0 | 0 | 45 | 3 | 3 Hrs | | Written | 10 | 10 | 30 | 50 | 50 | 100 | 50 | 100 | 100 | 7031 | Yes | | | |
| 5 | BTCDS2005 | Object Oriented Programming | 2 | 2 | 0 | 60 | 3 | | ONLY ICA | Practical | 10 | 10 | 30 | 50 | 50 | - | - | 50 | 100 | 7032 | No | | | |
| 6 | BTCDS2006 | Critical Thinking in Humanities | 3 | 0 | 0 | 45 | 3 | 3 Hrs | | Written | 10 | 10 | 30 | 50 | 50 | 100 | 50 | 100 | 100 | 7031 | Yes | | | |
| 7 | BTCDS2007 | Physics * | 2 | 2 | 0 | 60 | 3 | | ONLY ICA | Practical | 10 | 10 | 30 | 50 | 50 | - | - | 50 | 100 | 7032 | No | | | |
| 8 | BTCDS2008 | Computer Organization and Architecture | 2 | 2 | 0 | 60 | 3 | | ONLY ICA | VIVA | 10 | 10 | 30 | 50 | 50 | - | - | 50 | 100 | 7032 | No | | | |
| Total | | | 20 | 6 | 1 | 405 | 24 | | | | 80 | 80 | 240 | 400 | 400 | 500 | 250 | 650 | | | | | | |

* Term Work = Viva / Presentations/ Journals/ assignments/ quizzes / MCQs/Business plans/Role plans etc.

HoD,

Dean, MPSTME