| E | irst year | | |
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| Code | Course details | Faculty | |
| IDC 122 | Numeric Computing using C/C++ [0031] | Ad-hoc faculty | |
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| Sec | ond year | | | |
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| Code | Course details | Faculty | Unter | |
| DSC 311 | Mathematical Statistics [3003] | Maths | Minor | |
| DSC 312 | Optimization Techniques [2002] | Maths | | |
| DSC 313 | Database Management System [3003] | Mainak | | |
| DSC 314 | Data Structures [3003] | Dhanyamol | Minor | |
| DSC 315 | Computer Organization and Operating System [3003] | New 1 | | |
| DSC 316 | Machine Learning I [3003] | Saptarshi | Minor | |
| DSC 317 | Data Structures Lab [0021] | Dhanya | | |
| DSC 318 | Statistics Lab | Pranshu | | |
| IDC222 | Scientific Computing and Data Visualisation [0031] | Reji + ptjers | | |
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| | All courses: Vasanth 2025 | | | | | |
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| Third year | | | | | | |
| Code | Course details | | Other information | | | |
| DSC 321 | Design and Analysis of Algorithms [3 0 0 3] | Reji | Minor | | | |
| DSC 322 | Scientific Computing [3 0 3 4] | Amal | | | | |
| DSC 323 | Database Management System [3 0 0 3] | Mainak | | | | |
| DSC 324 | Machine Learning-II [3 0 0 3] | Alwin | 3rd year BSMS DSC students, PhD students in DSC | | | |
| DSC 325 | Data Science Lab-II [1 0 3 2] | Pranshu | | | | |
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| | | Fourth year | |
|------------------|--|-------------|---|
| Code | Course details | Faculty | Other information |
| DSC 421/ 6109 | Big Data Analytics [2 0 3 3] | New 2 | |
| DSC 422 | Humans and Data [1 0 0 1] | Anil | |
| DSC 423 | Gambler's Ruin Problem [3 0 0 3] | Priyanka | 4th year BSMS DSC students, PhD students in DSC |
| DSC4101/ 6108 | Survival Analysis [3 0 0 3] | Shyamal | Elective 4th year BSMS DSC students, PhD students in DSC |
| DSC4106/ 6106 | Al and Medical Imaging [3 0 0 3] | Raji | Elective 4th year BSMS DSC students, PhD students in DSC |
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| Only fif | fifth year | | Only PhD | | Only PhD | | |
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| Code | detaile | | Code | Course details | | | |
| | | | DSC6107 | Statistical Inference [3003] | | | |
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