## II YEAR I SEMESTER

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| --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Course**  **Code** | **Course Title** | **L** | **T** | **P** | **Credit s** |
| 1 | A223404 | Analog Circuits | 3 | 0 | 0 | 3 |
| 2 | A223405 | Network analysis and Transmission Lines | 3 | 0 | 0 | 3 |
| 3 | A223406 | Digital Logic Design | 3 | 0 | 0 | 3 |
| 4 | A223407 | Signals and Systems | 3 | 1 | 0 | 4 |
| 5 | A223408 | Probability Theory and Stochastic Processes | 3 | 0 | 0 | 3 |
| 6 | A223481 | Digital logic Design Laboratory | 0 | 0 | 2 | 1 |
| 7 | A223482 | Basic Simulation Laboratory | 0 | 0 | 2 | 1 |
| 8 | A223483 | Electronic Devices and Analog Circuits  Laboratory | 0 | 0 | 2 | 1 |
| 9 | A223010 | Professional Communication | 3 | 0 | 0 | 1 |
|  |  | **Total Credits** | **18** | **1** | **6** | **20** |

1. **YEAR II SEMESTER**

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| --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | **Course Code** | **Course Title** | **L** | **T** | **P** | **Credit s** |
| 1 | A224012 | Complex analysis and Fourier transforms | 3 | 0 | 0 | 3 |
| 2 | A224410 | Electromagnetic Waves | 3 | 0 | 0 | 3 |
| 3 | A224411 | Analog and Digital Communications | 3 | 0 | 0 | 3 |
| 4 | A224412 | Linear IC Applications | 2 | 0 | 0 | 2 |
| 5 | A224413 | Electronic Circuit Analysis | 3 | 0 | 0 | 3 |
| 6 | A224484 | Analog and Digital Communications Laboratory | 0 | 0 | 2 | 1 |
| 7 | A224485 | Linear IC Applications Laboratory | 0 | 0 | 2 | 1 |
| 8 | A224486 | Electronic Circuit Analysis Laboratory | 0 | 0 | 2 | 1 |
| 9 | A2244P1 | Real Time Project/Field Based Project | 0 | 0 | 4 | 2 |
| 10 | A224013 | Quantitative methods & logical reasoning | 0 | 0 | 2 | 1 |
|  |  | **Total Credits** | **14** | **0** | **12** | **20** |