Academic Coursework
Birla Institute of Applied Sciences

This coursework excludes the lab courses.

- Linear Algebra (TMA 101)
- Calculus (TMA 101)
- Engineering Physics (PPH 101)
- Basic Technical Communication (THM 101)
- Fundamentals of Computer Programming (TCS 101)
- Environmental Studies (TES 101)
- Engineering Chemistry (TCY 101)
- Fundamentals of Electronics Engineering (TEC 101)
- Discrete Structures & Combinatorics (TCS 301)
- Computer Based Numerical & Statistical Techniques (TCS 302)
- Data Structures (TCS 303)
- Digital Electronics & Design Aspect (TEC 301)
- Object Oriented Programming (TCS 304)
- Engineering Economics & Costing (THU 301)
- Computer Organization (TCS 401)
- Unix & Shell Programming (TCS 402)
- Theory Of Automata & Formal Language (TCS 403)
- Database Management System (TCS 404)
- Microprocessor (TCS 405)
- Software Engineering (TCS 406)
- Computer Graphics (TCS 501)
- Computer Networks (TCS 502)
- Design and Analysis of Algorithms (TCS 503)
- Principles of Programming Languages (TCS 504)
- Advanced Java Programming (TCS 505)
- Modelling and Simulation (TCS 506)
- Operating Systems (TCS 601)
- Compiler Design (TCS 602)
- Introduction to Artificial Intelligence (TCS 603)
- Graph Theory (TCS 604)
- Visual Programming and .NET Technologies (TCS 605)
- Principles of Management (THU 608)
- System Administration (TCS 701)
- Advance Computer Architecture (TCS 702)
- Data Warehousing & Mining (TCS 703)
- Soft Computing (TCS 072)
- Quality Assurance (TOE 08)