# Course Structure

| Courses | Credit hours |
|---|---|
| Management Courses | 27 |
| Analytical and Support Courses | 27 |
| Information Technology and Computing Courses | 60 |
| Elective Courses | 6 |
| Internship: Industrial Attachment Project | 6 |
| Total | 126 |

## First Semester

| Subject | Credit hours |
|---|---|
| MGT 201: English Composition | 3 |
| ENG 201: Principles of Management | 3 |
| MTH 201: Basic Mathematics | 3 |
| ITC 211: Computer Information System | 3 |
| ITC 212: Digital Logic | 3 |

## Second Semester

| Subject | Credit hours |
|---|---|
| SOC 201: Sociology | 3 |
| MTH 202: Discrete Mathematics | 3 |
| MGT 204: Business Communication | 3 |
| ITC 213: Structured Programming | 3 |
| ITC 214: Data Communication and Computer | 3 |

## Third Semester

| Subject | Credit hours |
|---|---|
| STT 201: Statistics | 3 |
| ITC 216: Object Oriented Programming | 3 |
| ITC 217: Microprocessor Programming | 3 |
| PSY 201: Psychology | 3 |
| ITC 215: Data Structure And Algorithm | 3 |

## Fourth Semester

| Subject | Credit hours |
|---|---|
| ACC 201: Financial Accounting | 3 |
| ECO 201: Micro Economics | 3 |
| ITC 218: Database Management System | 3 |
| ITC 219: Web Technology | 3 |
| ITC 220: Computer Organization | 3 |

## Fifth Semester

| Subject | Credit hours |
|---|---|
| ACC 202: Cost and Management Accounting | 3 |
| ECO 202: Macro Economics | 3 |
| ITC 221: Computer Graphics | 3 |
| ITC 222: JAVA Programming | 3 |
| ITC 223: Artificial Intelligence | 3 |

## Sixth Semester

| Subject | Credit hours |
|---|---|
| FIN 201: Business Finance | 3 |
| MGT 205: Operations Management | 3 |
| MKT 201: Principles of Marketing System | 3 |
| ITC 224: Client Server Computing | 3 |
| ITC 225: Software Engineering | 3 |

## Seventh Semester

| Subject | Credit hours |
| --- | --- |
| LOG 201: Decision Making and Critical Thinking | 3 |
| MGT 203: Organizational Relations | 3 |
| MGT 202: Human Resource Management | 3 |
| ITC 226: Management Information System | 3 |
| ITC 227: IT Entrepreneurship and Supply Chain Management | 3 |
| ITC 228: High Speed Network and Multimedia Networking | 3 |

## Eight Semester

| Subject | Credit hours |
| --- | --- |
| ITC 229: Computer Security and Cyber Law | 3 |
| ITC 230: Economics of Information and Communication | 3 |
| Elective I | 3 |
| Elective II | 3 |
| ITC 223: Internship: Industrial Attachment Project | 6 |

## Elective

| Subject | Credit hours |
| --- | --- |
| ITC 301: System Administration - Win NT | 3 |
| ITC 3xx: Object Oriented Analysis and Design | 3 |
| ITC 3xx: Object Oriented Database Management System | 3 |
| ITC 3xx: Software Project Management | 3 |
| ITC 302: Graphics User Interface Programming Using C++ | 3 |
| ITC 303: Computer Based Financial Engineering | 3 |
| ITC 304: Electronic Reporting and Auditing of Accounting Information | 3 |