

Professional Issues in IT

| No. | Lesson |
|--------|--|
| PIIT-1 | Teamwork Concepts and Issues |
| PIIT-2 | Social Context of Computing |
| PIIT-3 | Professional Communications |
| PIIT-4 | Intellectual Property |
| PIIT-5 | Legal Issues in Computing / History of Computing |
| PIIT-6 | Organizational Context / Privacy and Civil Liberties |
| PIIT-9 | Professional and Ethical Issues & Responsibilities |

Fundamentals of Management

| No. | Lesson |
|------|---|
| FM-1 | Organization / Manager / Change and Innovation |
| FM-2 | Evolution of Management / Environment of management |
| FM-3 | Planning / Organizing / Leading |
| FM-4 | Controlling / Decision making |

Information Systems Security

| No. | Lesson |
|--------|---|
| SEC-1 | Security Issues in Information Systems |
| SEC-2 | Cryptography in Cryptosystems |
| SEC-3 | Symmetric Key Cryptographic Algorithm – 1 |
| SEC-4 | Symmetric Key Cryptographic Algorithm – 2 |
| SEC-5 | Asymmetric Key Cryptographic Algorithm – 1 |
| SEC-6 | Public Key Infrastructure – 1 |
| SEC-7 | Public Key Infrastructure – 2 |
| SEC-8 | Integrity of Messages / Security Policies and Assessments |
| SEC-9 | Network Security Protocols – 1 |
| SEC-10 | Network Security Protocols – 2 |
| SEC-11 | Internet Security Techniques |
| SEC-12 | Information Assurance – 1 |
| SEC-13 | Information Assurance – 2 |

Fundamentals of Multimedia

| No. | Lesson |
|-------|--|
| FMM-1 | Introduction to Multimedia |
| FMM-2 | Developing text-based objects |
| FMM-3 | Image Processing |
| FMM-4 | Audio Processing |
| FMM-5 | Video Processing |
| FMM-6 | Animation /Advanced Topics in Multimedia |

Computer Systems II

| No. | Lesson |
|-------|---|
| CS-1 | Introduction to Hypervisors / Introduction to Cloud computing |
| CS-2 | OS fundamentals (Process management) – 1 |
| CS-3 | OS fundamentals (Process management) – 2 |
| CS-4 | OS fundamentals (Memory management) |
| CS-5 | OS fundamentals (Storage management) |
| CS-6 | Uniprocessor Architecture (CPU Word length effects and floating point) |
| CS-7 | Multiprocessors (Flynn's classification / Shared memory multiprocessors) |
| CS-8 | Multiprocessors (Amdahl's law and extracting parallelism) |
| CS-9 | Uniprocessor Architecture (Memory hierarchy) |
| CS-10 | Uniprocessor Architecture (CPU paradigms / CPI, FLOPS, etc..and conversion from IPS to CPI) – 1 |
| CS-11 | Uniprocessor Architecture (CPU paradigms / CPI, FLOPS, etc..and conversion from IPS to CPI) – 2 |
| CS-12 | Uniprocessor Architecture (RISC architecture) – 1 |
| CS-13 | Uniprocessor Architecture (RISC architecture) – 2 |

Final Year Project

| No. | Lesson |
|---------|-----------------------------------|
| PROJ -1 | Topics will be confirmed tomorrow |
| PROJ -2 | Topics will be confirmed tomorrow |
| PROJ -3 | Topics will be confirmed tomorrow |
| PROJ -4 | Topics will be confirmed tomorrow |
| PROJ -5 | Topics will be confirmed tomorrow |
| PROJ -6 | Topics will be confirmed tomorrow |