**Lesson-Plan**

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| **Name of Faculty** | | | Pawan Verma | | |
| **Discipline** | | | Electronics & Communication Engineering | | |
| **Semester** | | | 4th & 6th | | |
| **Subject** | | | MOOCS Elective (E-COMMERCE Technologies) and Minor/Major Project | | |
| **Week** | **Day** | **Theory Topic/ Assignment/ Test** | | **No.** | **Practical** |
| 1st | 1 | Introduction to ELECTRONIC COMMERCE (E-Commerce) | | 1 | Introduction about the scope and importance of Minor/Major Project |
| 2 | Categories and Frame-work of E-Commerce | |
| 2nd | 3 | Advantages & Disadvantages of E-Commerce, Types of E-Commerce | | 2 | Preparation the synopsis of the selected Minor/Major Project |
| 4 | Threats and Features of E-Commerce | |
| 3rd | 5 | Concept of Business Model of E-Commerce and E-Governance | | 3 | Review on the submitted synopsis of the selected Minor/Major Project |
| 6 | Different Types of Networking For E-Commerce: Concept of Internet with its applications | |
| 4th | 7 | Concept of Wireless Application Protocol | | 4 | Asking to student for a brief presentation on their selected Minor/Major Project |
| 8 | Anatomy of Convergence: Technological Convergence | |
| 5th | 9 | Technology Implications and Collaborative Product Development | | 5 | Works on selected Schematic Capture of PCB |
| 10 | Concept of Content Management System, Web Traffic and Content Marketing | |
| 6th | 1 | Concept of Supply Chain Management: Introduction, Features and Components, Advantages and Disadvantages | | 6 | [Create a Blank PCB Layout](https://resources.altium.com/p/10-easy-steps-comprehensively-designing-circuit-board-altium-designer#step-2) |
| 2 | Introduction about E-Payment Systems, Types of E-Payment Systems | |
| 7th | 1 | E-cash System and Electronic Checks | | 7 | 1. [Designing PCB Stack-up](https://resources.altium.com/p/10-easy-steps-comprehensively-designing-circuit-board-altium-designer#step-4) |
| 2 | Concept of Smart Cards & Electronic Payment Systems | |
| 8th | 1 | Discussion of Electronic Payments Issues | | 8 | Implement the Etching process for designing of PCB |
| 2 | Introduction of Electronic Data Interchange(EDI) | |
| 9th | 1 | Layered Architecture of EDI and its Applications | | 9 | Placing the components on PCB |
|  | 2 | Concept of EDI Protocols | |  |  |
|  | 1 | Discussion about E-Marketing and Tele-Marketing | |  |  |
| 10th | 2 | Security Threats of E-Commerce | | 10 | Placing the components on PCB |
| 11th | 1 | Security Requirements of E-Commerce | | 11 | Testing the PCB accordingly to designed project |
|  | 2 | Security Policies for E-Commerce | |  |  |
|  | 1 | Concept of Enterprise Resource Planning (ERP) | |  | 1.Submission of Minor/Major Project |
| 12th | 2 | Functional areas and Benefits of ERP | | 12 |  |
| 13th | 1 | Business Modules in ERP:  Finance, Investment Management, Plant Maintenance | | 13 | 1. Viva-Voice on submitted Minor/Major Project |
| 2 | Business Modules in ERP:  Quality Management, Materials Management | |
| 14th | 1 | Introduction of Enterprise application integration (EAI) | | 14 | Viva-Voice on submitted Minor/Major Project |
|  | 2 | Advantages and Disadvantages of EAI | |  |  |