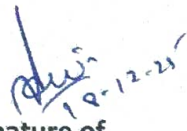


## Academic Lesson Plan of Summer 2026

|                        |                                                   |                                                         |
|------------------------|---------------------------------------------------|---------------------------------------------------------|
| Department: CSE        | Semester:6th                                      | Name of the Teaching Faculty: Nalini Kanta Mohapatra    |
| Subject:<br>E-commerce | No. of days/per<br>week class<br>allotted 4p/week | Semester from:22/12/20225                               |
|                        |                                                   | No. of weeks:15                                         |
|                        |                                                   | Topics to be covered:                                   |
| <b>WEEK</b>            | <b>DAY</b>                                        | <b>TOPIC</b>                                            |
| 1st week               | 1st                                               | Introduction to e-commerce                              |
|                        | 2nd                                               | Introduction to e-commerce                              |
|                        | 3rd                                               | what is e-commerce                                      |
|                        | 4th                                               | catagories of e-commerce application                    |
| 2nd week               | 1st                                               | E-business                                              |
|                        | 2nd                                               | Global trading environmentAdoption of e-commerce        |
|                        | 3rd                                               | Adoption of e-commerce                                  |
|                        | 4th                                               | comparission between traditional and e-commerce         |
| 3rd week               | 1st                                               | advantage and disadvantage                              |
|                        | 2nd                                               | Business models of e-commerce                           |
|                        | 3rd                                               | Introduction to business models of e-commerce           |
|                        | 4th                                               | B2C model                                               |
| 4th week               | 1st                                               | B2B model                                               |
|                        | 2nd                                               | Difference between B2c and B2B model                    |
|                        | 3rd                                               | C2C model                                               |
|                        | 4th                                               | B2B e-commerce and EDI                                  |
| 5th week               | 1st                                               | Introduction                                            |
|                        | 2nd                                               | Need for B2B                                            |
|                        | 3rd                                               | EDI                                                     |
|                        | 4th                                               | Paperless transaction                                   |
| 6th week               | 1st                                               | EDI standards                                           |
|                        | 2nd                                               | Data standards used in EDI                              |
|                        | 3rd                                               | Cost of EDI                                             |
|                        | 4th                                               | Reasons for slow acceptability                          |
| 7th week               | 1st                                               | electronic fund transfer                                |
|                        | 2nd                                               | XML and its application                                 |
|                        | 3rd                                               | Comparission between HTML and XML                       |
|                        | 4th                                               | Advantages of XML as a technology                       |
| 8th week               | 1st                                               | Business appliation of e-commerce & introduction        |
|                        | 2nd                                               | Trade cycle,supply chain                                |
|                        | 3rd                                               | E-procurement,Implemanting E-procurement                |
|                        | 4th                                               | compitative advantages                                  |
| 9th week               | 1st                                               | E-commerce application in manufacturing, wholesale      |
|                        | 2nd                                               | E-commerce application in retail and service sector     |
|                        | 3rd                                               | E-commerce technology, introduction                     |
|                        | 4th                                               | IT infrastructure                                       |
| 10th week              | 1st                                               | Internet, middleware, intranet                          |
|                        | 2nd                                               | Extranet,VPN,Firewall, cryptography                     |
|                        | 3rd                                               | Digital signature, digital envelope,certificate         |
|                        | 4th                                               | contents,electronic payment technology                  |
| 11th week              | 1st                                               | Introduction, Elec tronic payment mechanism             |
|                        | 2nd                                               | Types of payment system, risk associated with e-payment |
|                        | 3rd                                               | Risk management option , payment gateway                |
|                        | 4th                                               | Issues of E-payment technology, recommendations         |

|           |     |                                                             |
|-----------|-----|-------------------------------------------------------------|
| 12th week | 1st | Internet banking, security requirement, secure socket layer |
|           | 2nd | Biometrics, security issues in E-commerce                   |
|           | 3rd | Introduction, e-commerce security issues                    |
|           | 4th | Risk involved in E-commerce                                 |
| 13th week | 1st | Protecting E-commerce system                                |
|           | 2nd | common E-commerce security tools                            |
|           | 3rd | Client server network security                              |
|           | 4th | Client server network security                              |
| 14th week | 1st | Data and message security                                   |
|           | 2nd | Current trends in electronic world                          |
|           | 3rd | E-waste                                                     |
|           | 4th | E-surveillance                                              |
| 15th week | 1st | E-governance                                                |
|           | 2nd | E-care                                                      |
|           | 3rd | Doubt clearing class                                        |
|           | 4th | Previous year question and answer discussion                |

  
 Signature of  
 Faculty

  
 HOD  
 Sr. Lecture, CSE