Course File

***Subject Title/Subject Code : Ecommerce/6CS5-13***

Semester : VI Year : III

Name of the Faculty: Adnan PW

E-mail id: [aaditya@technonjr.org](mailto:aaditya@technonjr.org)

# Class Schedule

**Total Number of Lectures:** 42

# i) Course Objective

A fundamental principle of Ecommerce is the concept of

User-Centered Design places the user and their needs at the forefront of the design and development process for interactive systems. This principle emphasizes designing products, systems, or interfaces with a deep understanding of the users' characteristics, tasks, and goals.

## INDEX - COURSE FILE

| **S. No.** | **CONTENT / ITEM NO.** | **PAGE NO.** |  |
| --- | --- | --- | --- |
| **Status** |
| 1 | Vision And Mission Of The Institute |  |  |
| 2 | Vision And Mission Of The Department |  |  |
| 3 | Program Educational Objective Of Department (PEO’s) |  |  |
| 4 | Program Outcomes Of Department (PO’s) |  |  |
| 5 | Course Outcome (COs) |  |  |
| 6 | COs mapping with Pos and PSOs |  |  |
| 7 | Academic Calendar |  |  |
| 8 | Evaluation Scheme |  |  |
| 9 | Course Syllabus |  |  |
| 10 | Prescribed Books |  |  |
| 11 | Copy Of Time Table |  |  |
| 12 | Course Schedule Plan |  |  |
| 13 | Assignment Sheet (Unit Wise) |  |  |
| 14 | Quiz Questions (One From Each Unit) |  |  |
| 15 | Question Papers Of Mid Term Exam-I |  |  |
| 16 | Marks and Gap Analysis in Mid Term I |  |  |
| 17 | Remedial Action Taken To Remove the Gaps after mid Term I |  |  |
| 18 | Question Papers Of Mid Term Exam-II |  |  |
| 19 | Gap Analysis in Mid Term II |  |  |
| 20 | Remedial Action Taken To Remove the Gaps after mid Term II |  |  |
| 21 | Model Question Paper With Key Solution |  |  |
| 22 | University Question Paper (Last one year) |  |  |
| 23 | Student Performance Report |  |  |
| 24 | Result Analysis |  |  |

**VISSION & MISSION OF INSTITUTE**

*Vision*

Empowering student with recent and emerging technologies to create innovative technical leaders capable of contributing to industrial and societal needs for betterment of mankind across the globe.

*Mission*

**M1**: To provide dynamic learning environment to students by providing constant exposure to latest technologies by linking closely with the industries.

**M2**: To establish effective interface with industry to obtain live problems to enhance critical thinking and problem solving skills among students and consultancy projects for faculty.

**M3**: To provide avenues and opportunities to faculty for domain specific trainings and qualification upgradation.

**M4**: To develop ethical leaders with strong communication skills.

## VISION & MISSION OF DEPARTMENT

**Department Vision**

**To be among top five well known department of Computer Science and Engineering in the state of Rajasthan in placing the students at premier industry.**

# Department Mission

### M1: To equip students with ability to be innovative and excellence to face the challenges in the digital world.

**M2: To prepare students with high quality employability skills catering to current trends in industries, problem solving skills, innovative pursuits and ready to face challenges in the domain and allied disciplines.**

### M3: To provide ambience for entrepreneurship and start-ups through incubation center among students.

**M4: To encourage continuous faculty training on industry-based Development, and Innovation.**

**PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)**

**Technical Proficiency** Graduates will have a strong foundation in core concepts, tools, and technologies relevant to their discipline.

**Career Development** Graduate will be capable of pursuing diverse career paths in field of Computer Science & Engineering with proficiency in software development/ pursue higher education or become entrepreneurs.

**Problem-Solving** Graduates will have a strong math foundation so that they will be proficient problem solvers, capable of identifying, analyzing , and solving complex technical problems using critical thinking and creative approaches.

**Professional Attitude** Graduates will be sensitive to societal and professional environment, possess strong communication skills and will be skilled in working collaboratively within diverse teams adhering to ethical standards and professional practices.

**Learning Environment** To create a learning environment that ensures graduates continue learning throughout their careers, effortlessly adopting new technologies to stay innovative in their chosen fields and remain effective contributors in their chosen field.

## PROGRAM SPECIFIC OUTCOMES (PSO's)

**PSO1**: Students will be able to design, develop, test, debug, deploy, analyze , troubleshoot, maintain, manage, and ensure security during the complete product lifecycle.

**PSO2**: Student will be able to apply software engineering/ information system development skills to solve problems across diverse domains.

**PSO3**: Students will be well-prepared to initiate and oversee innovative startups within their respective sectors.

## PROGRAMME OUTCOMES (POs)

**A student will develop:**

**PO01. ENGINEERING KNOWLEDGE**: Apply the knowledge of mathematics, science,

engineering fundamentals, and an engineering specialization to the solution complex

engineering problems.

**PO02. PROBLEM ANALYSIS:** Identify, formulate, review research literature, and

analyze complex engineering problems reaching substantiated conclusions using

first principles of mathematics, natural sciences, and engineering sciences

**PO03. DESIGN/ DEVELOPMENT OF SOLUTION:** Design solutions for complex

engineering problems and design system components or processes that meet the specified

needs with appropriate consideration for the public health and safety,

and the cultural, societal, and environmental considerations.

**PO04. CONDUCTION OF INVESTIGATION OF COMPLEX PROBLEMS:** Use

research-based knowledge and research methods including design of experiments,analysis

and interpretation of data, and synthesis of the information to provide valid conclusions.

**PO05. MODERN TOOL USAGE:** Create, select, and apply appropriate techniques,

resources, and modern engineering and IT tools including prediction and modelling

to complex engineering activities with and understanding of the limitations.

**PO06. THE ENGINEERING AND SOCIETY:** Apply reasoning informed by the

contextual knowledge to assess societal, health, safety, legal and cultural issues and the

consequent responsibilities relevant to the professional engineering practice.

**PO07. ENVIRONMENT & SUSTAINABILITY:** Understand the impact of the professional

engineering solutions in societal and environmental contexts, and demonstrate the knowledge

of, and need for sustainable development.

**PO08. ETHICS:** Apply ethical principles and commit to professional ethics and responsibilities

and norms of the engineering practice.

**PO09. INDIVIDUAL AND TEAM WORK:** Function effectively as a individual, and as a

member or leader in diverse teams, and in multi disciplinary settings.

**PO10. COMMUNICATION:** Communicate effectively on complex engineering activities with

the engineering community and with society at large, such as, being able to comprehend and write

effective reports and design documentation, make effective presentations, and give and receive

clear instructions.

**PO11. PROJECT MANAGEMENT & FINANCE:** Demonstrate knowledge and understanding

of the engineering and management principles and apply these to one’s own work, as a member and

leader in a team, to manage projects and in multidisciplinary environments.

**PO12. LIFE-LONG LEARNING:** Recognize the need for, and have the preparation and ability to

engage in independent and life-long learning in the broadest context of technological change.

## COURSE OUTCOMES (COs) OF THE SUBJECT

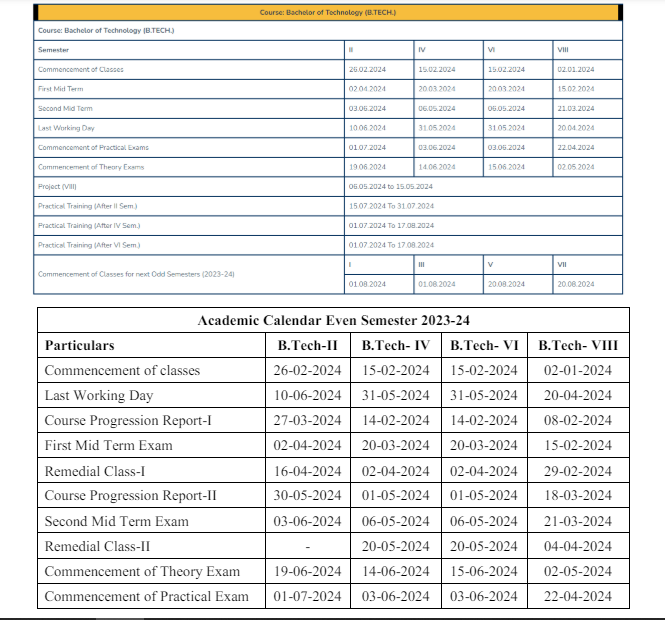
| CO No. | Mapping | Statement |
| --- | --- | --- |
| CO36513.1 | Applying | Students will be able to Explain the characteristics of E-  Commerce and ERP systems. |
| CO36513.2 | Analyzing | Analyze the impact of E-Commerce on business models and  strategies. |
| CO36513.3 | Applying | Evaluate the role of ERP systems in streamlining business  processes. |
| CO36513.4 | Applying | Design and implement E-Commerce solutions considering  security and usability. |
| CO36513.5 | Applying | Configure and manage ERP systems for efficient resource  planning and management. |

**COS MAPPING WITH POs AND PSOs**

| **Course Outcome** | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** | **PSO1** | **PSO2** | **PSO3** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CO1** | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **CO2** | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **CO3** | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| **CO4** | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 |
| **CO5** | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 |

## UNIVERSITY ACADEMIC CALENDAR

Academic Calendar for Even Semester for Session



### Evaluation Scheme

FACULTY DETAILS:

Name of the Faculty : Adnan Pipawala

Designation : Assistant Professor

Department : CSE

1. TARGET:

* 1. Percentage Pass : 100%
  2. Percentage I class: 60%

1. METHOD OF EVALUATION
   1. Continuous Assessment Examinations (Mid-Term 1 & 2)
   2. Assignments / Seminars
   3. Mini Projects
   4. Quiz
   5. Semester Examination

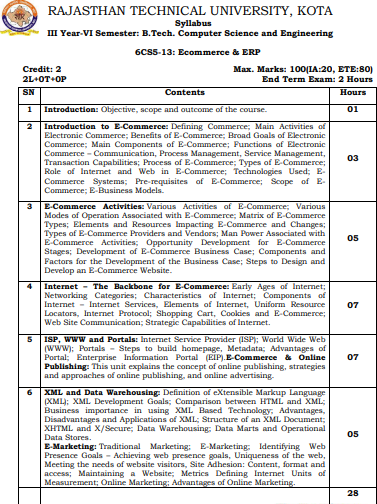
Others

1. List out any new topic(s) or any innovation you would like to introduce in teaching the subject in this Semester.
2. Take the help of creative tools to stimulate creativity. Include slide presentations,

demonstration or forms of visual exercises that will excite the young minds and capture their interest.

**Signature of Faculty: Signature of HOD**

## UNIVERSITY SYLLABUS



## WEEKLY TIME TABLE OF THE TEACHER

First Time Table: with effect from (Date):

| **Day** | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Monday | Ecommerce |  |  |  |  |  |  |
| Tuesday | Ecommerce |  |  |  |  |  |  |
| Wednesday |  |  |  |  |  |  |  |
| Thursday |  | Ecommerce |  |  |  |  |  |
| Friday |  |  |  | Ecommerce |  |  |  |
| Saturday |  |  |  |  |  |  |  |

## COURSE-PLAN

| UNIT | Lect. No. | TOPICS | **Teaching Methods/**  **Teaching Aids** |
| --- | --- | --- | --- |
| **1** | **1** | Introduction: Objective, scope and outcome of the course | White Board, demonstration |
| 2 | 2 | Defining Commerce, Activities of Ecommerce,  Goals of Ecommerce, Components and Functions of Ecommerce | White Board, PPT,  Demonstration |
| 2 | 3 | Communication, Process Management, Types of  Ecommerce | White Board |
| 2 | 4 | Role of Internet and Web in Ecommerce | White Board |
| 2 | 5 | Scope and Model of E-business | White Board |
| 2 | 6 | Models associated with Ecommerce | White Board |
| 3 | 7 | Elements and Resources associated with  Ecommerce | White Board, PPT |
| 3 | 8 | Opportunity Development of Business Case | White Board |
| 3 | 9 | Steps to design Ecommerce Websites | White Board, PPT, |
| 4 | 10 | Early ages of Ecommerce | White Board, PPT, Demonstration |
| 4 | 11 | Networking, Categories, Characteristics and  Components of Internet | White Board |
| 4 | 12 | Internet Services | White Board, PPT |
| 4 | 13 | Elements of Internet | White Board, |
| 4 | 14 | Internet Protocol | White Board |
| 4 | 15 | URL (Uniform Resource Locator) | White Board, |
| 4 | 16 | Factors for Development of business case | White Board Demonstration |
| 4 | 17 | Shopping Carts and Cookies | White Board, |
| 4 | 18 | Website Communication | White Board, |
| 4 | 19 | Strategic Capabilities of Internet | White Board |
| 4 | 20 | Business Case | White Board |
| 5 | 21 | ISP, WWW, Portals- build a homepage | White Board, PPT |
| 5 | 22 | Enterprise Information Portal | White Board |
| 5 | 23 | Ecommerce and Online Publishing | White Board |

| 6 | 24 | XML and Data Warehousing | White Board,  Demonstration |
| --- | --- | --- | --- |
| 6 | 25 | Applications, and Structure of XML | White Board |
| 6 | 26 | Operational Data Stores | White Board |
| 6 | 27 | Traditional Marketing | White Board |
| 6 | 28 | Online Marketing | White Board |

**Signature of Faculty: Signature of HOD**

## Assignment – 1 ()

Q1. Write Short note on:-

* + Ecommerce
  + ISP, WWW and Portals

Q2. What is Ecommerce Business Cases and Components. Explain? Q3. Describe the backbone of Ecommerce.

Q4. What are Strategic capabilities of Internet?

## Assignment – 2 ()

1. Justify XML structure and applications. **(CO3)**
2. Give explanation of E-marketing. **(CO4)**
3. What do you mean by data warehousing and data stores? **(CO4)**
4. Write a short note on Online Marketing. **(CO5)**
5. Explain about elements of Ecommerce Activities and Website. **(CO5)**

| 1. | What does ISP stand for? |  |
| --- | --- | --- |
| 2. | Which of the following are important in the design focus of Internet? |  |
| 3. | Which one of these is a good reason for taking care to design a good Data Warehouse? |  |
| 4. | Explain E-marketing? |  |
| 5. | Which one of these is a good reason to include Data Stores in warehousing? |  |
| 6. | Which of these examples of traditional marketing? |  |
| 7. | The term internet has only been in widespread use since the early stage. |  |
| 8. | What does XML stand for? |  |
| 9. | Which of these are the goals of a good design? |  |
| 10. | Which one of these is good marketing techniques? |  |
| 11. | What is usability? |  |
| 12. | What is Ecommerce Activities? |  |
| 13. | Goals of Ecommerce? |  |
| 14. | Which one of the following is the most likely used for shopping? |  |
| 15. | Internet draws which of the fields together? |  |

## SAMPLE QUIZ QUESTIONS



**Mid Term Paper-I**

A close-up of a document

Description automatically generated

A close-up of a document

Description automatically generated

**Mid Term Exam – I**

**Marks and Gap Analysis of Mid-Term I**

| RTU Roll Number | Name of the Student | M-1 Marks (70) | Remark ( Remedial Class need or not – Y/N ) |
| --- | --- | --- | --- |
| 21ETCCS001 | AARSH BHARTI | 57 | N |
| 21ETCCS002 | MS AASTHA DAKHERA | 63 | N |
| 21ETCCS003 | ABHISHEK PRAJAPAT | 50 | N |
| 21ETCCS005 | AKSHANSH SONI | 44 | N |
| 21ETCCS006 | AKSHAT SINGH CHOUHAN | 14 | Y |
| 21ETCCS007 | ANIRUDH SINGH RAJPUROHIT | 36 | N |
| 21ETCCS008 | ANISH SINGHAL | 50 | N |
| 21ETCCS009 | ANJALI SONI | 17 | Y |
| 21ETCCS010 | ANURAG MENARIA | 0 | Y |
| 21ETCCS011 | ANUSHKA VIJAY | 36 | N |
| 21ETCCS012 | APURVA LODHA | 56 | N |
| 21ETCCS013 | ARUN LOHAR | 58 | N |
| 21ETCCS014 | ARVIND SINGH | 29 | Y |
| 21ETCCS015 | ARVIND SUTHAR | 41 | N |
| 21ETCCS016 | AVANI JOSHI | 22 | Y |
| 21ETCCS017 | AYAN KHAN | 37 | N |
| 21ETCCS018 | AYUSH JHOTA | 67 | N |
| 21ETCCS019 | AYUSH TALESARA | 0 | Y |
| 21ETCCS020 | BHAVYA MEHTA | 0 | Y |
| 21ETCCS021 | BHERU SINGH PANWAR | 35 | Y |
| 21ETCCS022 | MS BHUMIKA VARDAR | 26 | Y |
| 21ETCCS025 | CHINMAY MENARIA | 36 | N |
| 21ETCCS026 | DAKSH VYAS | 30 | Y |
| 21ETCCS027 | DEEPAK DHAKAR | 40 | N |
| 21ETCCS029 | DHIREN SUHALKA | 10 | Y |
| 21ETCCS030 | DHRUV BAGORA | 18 | Y |
| 21ETCCS031 | DIKSHA AGARWAL | 59 | N |
| 21ETCCS032 | DINESH AUDICHYA | 35 | Y |
| 21ETCCS034 | DIVYANSHU MENARIA | 0 | Y |
| 21ETCCS035 | DIVYANSHU SAHU | 52 | N |
| 21ETCCS036 | DURGA SANKAR DANGI | 54 | N |
| 21ETCCS037 | GAGAN MANGAL | 26 | Y |
| 21ETCCS038 | GARVITA BAYA | 59 | N |
| 21ETCCS039 | GARVITA JAIN | 57 | N |
| 21ETCCS040 | GAZI AMAN KHAN | 18 | Y |
| 21ETCCS041 | HARSH | 23 | Y |
| 21ETCCS042 | HARSH SONI | 41 | N |
| 21ETCCS043 | HARSHAL PALIWAL | 39 | N |
| 21ETCCS044 | HARSHIT PUROHIT | 53 | N |
| 21ETCCS045 | HARSHIT SHARMA | 48 | N |
| 21ETCCS046 | HARSHITA RATHORE | 48 | N |
| 21ETCCS047 | HEET DOSI | 40 | N |
| 21ETCCS048 | MS HETAL SHARMA | 57 | N |
| 21ETCCS049 | JAHNAVI JOSHI | 60 | N |
| 21ETCCS050 | JAINIL JAIN | 50 | N |
| 21ETCCS051 | JASWANT SINGH RAO | 46 | N |
| 21ETCCS052 | JATIN VASHISHTHA | 41 | N |
| 21ETCCS053 | JAY JOSHI | 54 | N |
| 21ETCCS054 | JAYDEEP DANGI | 55 | N |
| 21ETCCS055 | JIGYASA CHATURVEDI | 56 | N |
| 21ETCCS056 | KAILASH JOSHI | 47 | N |
| 21ETCCS057 | KAMLESH KUMAR GHANCHI | 58 | N |
| 21ETCCS058 | KANISHKA PARMAR | 65 | N |
| 21ETCCS059 | KASHVI PANDEY | 33 | Y |
| 21ETCCS060 | KHUSHAL PALIWAL | 45 | N |
| 21ETCCS061 | KHUSHI GAHLOT | 39 | N |
| 21ETCCS062 | KHUSHI VANAWAT | 55 | N |
| 21ETCCS064 | KUNAL CHOUBISA | 34 | Y |
| 21ETCCS065 | KUNAL MENARIA | 0 | Y |
| 21ETCCS066 | KUNAL PALIWAL | 37 | N |
| 21ETCCS067 | KUNAL SHARMA | 33 | Y |
| 21ETCCS068 | KUNIKA KADECHA(RL) | 42 | N |
| 21ETCCS069 | LALITA DANGI | 56 | N |
| 21ETCCS070 | LAVISHA JAIN | 60 | N |
| 21ETCCS071 | LOKANTIK JAIN | 42 | N |
| 21ETCCS073 | MAHAK BANSAL | 52 | N |
| 21ETCCS074 | MANSI GEHLOT | 53 | N |
| 21ETCCS075 | MAYANK KANERIYA | 50 | N |
| 21ETCCS076 | MAYANK MALIWAL | 43 | N |
| 21ETCCS078 | MITANSH JAIN | 28 | Y |
| 21ETCCS079 | MOHAMMED OWAIS KHAN | 53 | N |
| 21ETCCS081 | NAVNEET ANAND | 52 | N |
| 21ETCCS082 | NEHAL DHING | 55 | N |
| 21ETCCS084 | NIPUN MALI | 47 | N |
| 21ETCCS085 | NISHA LOHAR | 68 | N |
| 21ETCCS086 | PRADHUMAN SINGH CHAUDHARY | 53 | N |
| 21ETCCS087 | PRANJAL SINGHVI | 55 | N |
| 21ETCCS088 | RAJAT PATIDAR | 45 | N |
| 21ETCCS089 | RIYA JAIN | 57 | N |
| 21ETCCS090 | ROHIN GANG | 18 | Y |
| 21ETCCS091 | RUPAL SONI | 53 | N |
| 21ETCCS092 | SAHIL SOLANKI | 45 | N |
| 21ETCCS093 | SARGAM JAIN | 63 | N |
| 21ETCCS094 | SATYEN KHARADI | 56 | N |
| 21ETCCS095 | SHASHANK MENARIA | 31 | Y |
| 21ETCCS096 | SHUBHAM DAS | 43 | N |
| 21ETCCS097 | SUDEEP ROY | 6 | Y |
| 21ETCCS098 | SUMIT VASITA | 18 | Y |
| 21ETCCS099 | SUYASH SONI | 44 | N |
| 21ETCCS100 | MS TANISHA KUMAWAT | 50 | N |
| 21ETCCS101 | TUSHAR YADAV | 9 | Y |
| 21ETCCS102 | VAIBHAV GARG | 45 | N |
| 21ETCCS103 | VAIBHAV SONI | 60 | N |
| 21ETCCS104 | VARUN SHARMA | 15 | Y |
| 21ETCCS105 | VEDANSHI PAREEK | 49 | N |
| 21ETCCS106 | VEDAS DIXIT | 55 | N |
| 21ETCCS107 | VIKRAM SINGH SISODIYA | 43 | N |
| 21ETCCS108 | VIMANYU P SHARMA | 0 | Y |
| 21ETCCS109 | VISHAL KUMAWAT | 25 | Y |
| 21ETCCS110 | VISHAL PUSHKARNA | 36 | N |
| 21ETCCS111 | VYOM BHATT | 58 | N |
| 21ETCCS112 | YASH JAIN | 38 | N |
| 21ETCCS113 | YASH JOSHI | 58 | N |
| 21ETCCS114 | YASH PURI GOSWAMI | 40 | N |
| 21ETCCS115 | YOGESH JAIPAL | 18 | Y |
| 21ETCCS116 | MS YUVIKA CHOUDHARY | 48 | N |
| 21ETCCS117 | YUVRAJ SINGH KANAWAT | 51 | N |
| 21ETCCS300 | NEELAM KATARIYA | 0 | Y |
| 21ETCCS400 | Shabbir Husain | 0 | Y |
| 21ETCCS401 | Ali Hussain | 0 | Y |
| 22ETCCS200 | Saurabh Soni | 42 | N |

**\***(Y, if obtained marks are <50%)

**Signature of Faculty: Signature of HOD**

**Mid Term Paper-II**

A close-up of a document

Description automatically generated

A close-up of a document

Description automatically generated

**Mid Term Exam – II**

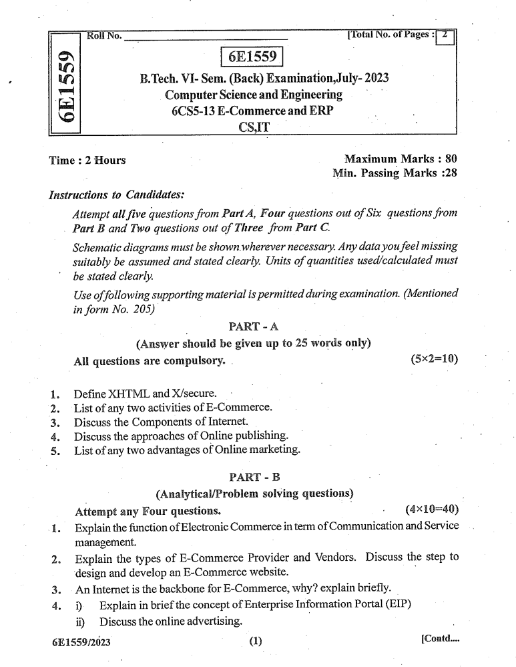
**Marks and Gap Analysis of Mid-Term II**

| RTU Roll Number | Name of the Student | M-2 Marks (70) | Remark ( Remedial Class need or not – Y/N ) |
| --- | --- | --- | --- |
| 21ETCCS001 | AARSH BHARTI | 57 | N |
| 21ETCCS002 | MS AASTHA DAKHERA | 63 | N |
| 21ETCCS003 | ABHISHEK PRAJAPAT | 50 | N |
| 21ETCCS005 | AKSHANSH SONI | 44 | N |
| 21ETCCS006 | AKSHAT SINGH CHOUHAN | 14 | Y |
| 21ETCCS007 | ANIRUDH SINGH RAJPUROHIT | 36 | N |
| 21ETCCS008 | ANISH SINGHAL | 50 | N |
| 21ETCCS009 | ANJALI SONI | 17 | Y |
| 21ETCCS010 | ANURAG MENARIA | 0 | Y |
| 21ETCCS011 | ANUSHKA VIJAY | 36 | N |
| 21ETCCS012 | APURVA LODHA | 56 | N |
| 21ETCCS013 | ARUN LOHAR | 58 | N |
| 21ETCCS014 | ARVIND SINGH | 29 | Y |
| 21ETCCS015 | ARVIND SUTHAR | 41 | N |
| 21ETCCS016 | AVANI JOSHI | 22 | Y |
| 21ETCCS017 | AYAN KHAN | 37 | N |
| 21ETCCS018 | AYUSH JHOTA | 67 | N |
| 21ETCCS019 | AYUSH TALESARA | 0 | Y |
| 21ETCCS020 | BHAVYA MEHTA | 0 | Y |
| 21ETCCS021 | BHERU SINGH PANWAR | 35 | Y |
| 21ETCCS022 | MS BHUMIKA VARDAR | 26 | Y |
| 21ETCCS025 | CHINMAY MENARIA | 36 | N |
| 21ETCCS026 | DAKSH VYAS | 30 | Y |
| 21ETCCS027 | DEEPAK DHAKAR | 40 | N |
| 21ETCCS029 | DHIREN SUHALKA | 10 | Y |
| 21ETCCS030 | DHRUV BAGORA | 18 | Y |
| 21ETCCS031 | DIKSHA AGARWAL | 59 | N |
| 21ETCCS032 | DINESH AUDICHYA | 35 | Y |
| 21ETCCS034 | DIVYANSHU MENARIA | 0 | Y |
| 21ETCCS035 | DIVYANSHU SAHU | 52 | N |
| 21ETCCS036 | DURGA SANKAR DANGI | 54 | N |
| 21ETCCS037 | GAGAN MANGAL | 26 | Y |
| 21ETCCS038 | GARVITA BAYA | 59 | N |
| 21ETCCS039 | GARVITA JAIN | 57 | N |
| 21ETCCS040 | GAZI AMAN KHAN | 18 | Y |
| 21ETCCS041 | HARSH | 23 | Y |
| 21ETCCS042 | HARSH SONI | 41 | N |
| 21ETCCS043 | HARSHAL PALIWAL | 39 | N |
| 21ETCCS044 | HARSHIT PUROHIT | 53 | N |
| 21ETCCS045 | HARSHIT SHARMA | 48 | N |
| 21ETCCS046 | HARSHITA RATHORE | 48 | N |
| 21ETCCS047 | HEET DOSI | 40 | N |
| 21ETCCS048 | MS HETAL SHARMA | 57 | N |
| 21ETCCS049 | JAHNAVI JOSHI | 60 | N |
| 21ETCCS050 | JAINIL JAIN | 50 | N |
| 21ETCCS051 | JASWANT SINGH RAO | 46 | N |
| 21ETCCS052 | JATIN VASHISHTHA | 41 | N |
| 21ETCCS053 | JAY JOSHI | 54 | N |
| 21ETCCS054 | JAYDEEP DANGI | 55 | N |
| 21ETCCS055 | JIGYASA CHATURVEDI | 56 | N |
| 21ETCCS056 | KAILASH JOSHI | 47 | N |
| 21ETCCS057 | KAMLESH KUMAR GHANCHI | 58 | N |
| 21ETCCS058 | KANISHKA PARMAR | 65 | N |
| 21ETCCS059 | KASHVI PANDEY | 33 | Y |
| 21ETCCS060 | KHUSHAL PALIWAL | 45 | N |
| 21ETCCS061 | KHUSHI GAHLOT | 39 | N |
| 21ETCCS062 | KHUSHI VANAWAT | 55 | N |
| 21ETCCS064 | KUNAL CHOUBISA | 34 | Y |
| 21ETCCS065 | KUNAL MENARIA | 0 | Y |
| 21ETCCS066 | KUNAL PALIWAL | 37 | N |
| 21ETCCS067 | KUNAL SHARMA | 33 | Y |
| 21ETCCS068 | KUNIKA KADECHA(RL) | 42 | N |
| 21ETCCS069 | LALITA DANGI | 56 | N |
| 21ETCCS070 | LAVISHA JAIN | 60 | N |
| 21ETCCS071 | LOKANTIK JAIN | 42 | N |
| 21ETCCS073 | MAHAK BANSAL | 52 | N |
| 21ETCCS074 | MANSI GEHLOT | 53 | N |
| 21ETCCS075 | MAYANK KANERIYA | 50 | N |
| 21ETCCS076 | MAYANK MALIWAL | 43 | N |
| 21ETCCS078 | MITANSH JAIN | 28 | Y |
| 21ETCCS079 | MOHAMMED OWAIS KHAN | 53 | N |
| 21ETCCS081 | NAVNEET ANAND | 52 | N |
| 21ETCCS082 | NEHAL DHING | 55 | N |
| 21ETCCS084 | NIPUN MALI | 47 | N |
| 21ETCCS085 | NISHA LOHAR | 68 | N |
| 21ETCCS086 | PRADHUMAN SINGH CHAUDHARY | 53 | N |
| 21ETCCS087 | PRANJAL SINGHVI | 55 | N |
| 21ETCCS088 | RAJAT PATIDAR | 45 | N |
| 21ETCCS089 | RIYA JAIN | 57 | N |
| 21ETCCS090 | ROHIN GANG | 18 | Y |
| 21ETCCS091 | RUPAL SONI | 53 | N |
| 21ETCCS092 | SAHIL SOLANKI | 45 | N |
| 21ETCCS093 | SARGAM JAIN | 63 | N |
| 21ETCCS094 | SATYEN KHARADI | 56 | N |
| 21ETCCS095 | SHASHANK MENARIA | 31 | Y |
| 21ETCCS096 | SHUBHAM DAS | 43 | N |
| 21ETCCS097 | SUDEEP ROY | 6 | Y |
| 21ETCCS098 | SUMIT VASITA | 18 | Y |
| 21ETCCS099 | SUYASH SONI | 44 | N |
| 21ETCCS100 | MS TANISHA KUMAWAT | 50 | N |
| 21ETCCS101 | TUSHAR YADAV | 9 | Y |
| 21ETCCS102 | VAIBHAV GARG | 45 | N |
| 21ETCCS103 | VAIBHAV SONI | 60 | N |
| 21ETCCS104 | VARUN SHARMA | 15 | Y |
| 21ETCCS105 | VEDANSHI PAREEK | 49 | N |
| 21ETCCS106 | VEDAS DIXIT | 55 | N |
| 21ETCCS107 | VIKRAM SINGH SISODIYA | 43 | N |
| 21ETCCS108 | VIMANYU P SHARMA | 0 | Y |
| 21ETCCS109 | VISHAL KUMAWAT | 25 | Y |
| 21ETCCS110 | VISHAL PUSHKARNA | 36 | N |
| 21ETCCS111 | VYOM BHATT | 58 | N |
| 21ETCCS112 | YASH JAIN | 38 | N |
| 21ETCCS113 | YASH JOSHI | 58 | N |
| 21ETCCS114 | YASH PURI GOSWAMI | 40 | N |
| 21ETCCS115 | YOGESH JAIPAL | 18 | Y |
| 21ETCCS116 | MS YUVIKA CHOUDHARY | 48 | N |
| 21ETCCS117 | YUVRAJ SINGH KANAWAT | 51 | N |
| 21ETCCS300 | NEELAM KATARIYA | 0 | Y |
| 21ETCCS400 | Shabbir Husain | 0 | Y |
| 21ETCCS401 | Ali Hussain | 0 | Y |
| 22ETCCS200 | Saurabh Soni | 42 | N |

**\***(Y, if obtained marks are <50%)

**Signature of Faculty: Signature of HOD**

## Model Question Paper



A paper with text on it

Description automatically generated

**STUDENT PERFORMANCE REPORT**

| RTU Roll Number | Name of the Student | M-1 Marks (70) | M-2 Marks (70) | AVG | ASSIGNMENT |
| --- | --- | --- | --- | --- | --- |
| 21ETCCS001 | AARSH BHARTI | 57 | 57 | 57 | A++ |
| 21ETCCS002 | MS AASTHA DAKHERA | 63 | 63 | 63 | A++ |
| 21ETCCS003 | ABHISHEK PRAJAPAT | 50 | 50 | 50 | A++ |
| 21ETCCS005 | AKSHANSH SONI | 44 | 44 | 44 | A++ |
| 21ETCCS006 | AKSHAT SINGH CHOUHAN | 14 | 14 | 14 | A++ |
| 21ETCCS007 | ANIRUDH SINGH RAJPUROHIT | 36 | 36 | 36 | A++ |
| 21ETCCS008 | ANISH SINGHAL | 50 | 50 | 50 | A++ |
| 21ETCCS009 | ANJALI SONI | 17 | 17 | 17 | A++ |
| 21ETCCS010 | ANURAG MENARIA | 0 | 0 | 0 | A++ |
| 21ETCCS011 | ANUSHKA VIJAY | 36 | 36 | 36 | A++ |
| 21ETCCS012 | APURVA LODHA | 56 | 56 | 56 | A++ |
| 21ETCCS013 | ARUN LOHAR | 58 | 58 | 58 | A++ |
| 21ETCCS014 | ARVIND SINGH | 29 | 29 | 29 | A++ |
| 21ETCCS015 | ARVIND SUTHAR | 41 | 41 | 41 | A++ |
| 21ETCCS016 | AVANI JOSHI | 22 | 22 | 22 | A++ |
| 21ETCCS017 | AYAN KHAN | 37 | 37 | 37 | A++ |
| 21ETCCS018 | AYUSH JHOTA | 67 | 67 | 67 | A++ |
| 21ETCCS019 | AYUSH TALESARA | 0 | 0 | 0 | A++ |
| 21ETCCS020 | BHAVYA MEHTA | 0 | 0 | 0 | A++ |
| 21ETCCS021 | BHERU SINGH PANWAR | 35 | 35 | 35 | A++ |
| 21ETCCS022 | MS BHUMIKA VARDAR | 26 | 26 | 26 | A++ |
| 21ETCCS025 | CHINMAY MENARIA | 36 | 36 | 36 | A++ |
| 21ETCCS026 | DAKSH VYAS | 30 | 30 | 30 | A++ |
| 21ETCCS027 | DEEPAK DHAKAR | 40 | 40 | 40 | A++ |
| 21ETCCS029 | DHIREN SUHALKA | 10 | 10 | 10 | A++ |
| 21ETCCS030 | DHRUV BAGORA | 18 | 18 | 18 | A++ |
| 21ETCCS031 | DIKSHA AGARWAL | 59 | 59 | 59 | A++ |
| 21ETCCS032 | DINESH AUDICHYA | 35 | 35 | 35 | A++ |
| 21ETCCS034 | DIVYANSHU MENARIA | 0 | 0 | 0 | A++ |
| 21ETCCS035 | DIVYANSHU SAHU | 52 | 52 | 52 | A++ |
| 21ETCCS036 | DURGA SANKAR DANGI | 54 | 54 | 54 | A++ |
| 21ETCCS037 | GAGAN MANGAL | 26 | 26 | 26 | A++ |
| 21ETCCS038 | GARVITA BAYA | 59 | 59 | 59 | A++ |
| 21ETCCS039 | GARVITA JAIN | 57 | 57 | 57 | A++ |
| 21ETCCS040 | GAZI AMAN KHAN | 18 | 18 | 18 | A++ |
| 21ETCCS041 | HARSH | 23 | 23 | 23 | A++ |
| 21ETCCS042 | HARSH SONI | 41 | 41 | 41 | A++ |
| 21ETCCS043 | HARSHAL PALIWAL | 39 | 39 | 39 | A++ |
| 21ETCCS044 | HARSHIT PUROHIT | 53 | 53 | 53 | A++ |
| 21ETCCS045 | HARSHIT SHARMA | 48 | 48 | 48 | A++ |
| 21ETCCS046 | HARSHITA RATHORE | 48 | 48 | 48 | A++ |
| 21ETCCS047 | HEET DOSI | 40 | 40 | 40 | A++ |
| 21ETCCS048 | MS HETAL SHARMA | 57 | 57 | 57 | A++ |
| 21ETCCS049 | JAHNAVI JOSHI | 60 | 60 | 60 | A++ |
| 21ETCCS050 | JAINIL JAIN | 50 | 50 | 50 | A++ |
| 21ETCCS051 | JASWANT SINGH RAO | 46 | 46 | 46 | A++ |
| 21ETCCS052 | JATIN VASHISHTHA | 41 | 41 | 41 | A++ |
| 21ETCCS053 | JAY JOSHI | 54 | 54 | 54 | A++ |
| 21ETCCS054 | JAYDEEP DANGI | 55 | 55 | 55 | A++ |
| 21ETCCS055 | JIGYASA CHATURVEDI | 56 | 56 | 56 | A++ |
| 21ETCCS056 | KAILASH JOSHI | 47 | 47 | 47 | A++ |
| 21ETCCS057 | KAMLESH KUMAR GHANCHI | 58 | 58 | 58 | A++ |
| 21ETCCS058 | KANISHKA PARMAR | 65 | 65 | 65 | A++ |
| 21ETCCS059 | KASHVI PANDEY | 33 | 33 | 33 | A++ |
| 21ETCCS060 | KHUSHAL PALIWAL | 45 | 45 | 45 | A++ |
| 21ETCCS061 | KHUSHI GAHLOT | 39 | 39 | 39 | A++ |
| 21ETCCS062 | KHUSHI VANAWAT | 55 | 55 | 55 | A++ |
| 21ETCCS064 | KUNAL CHOUBISA | 34 | 34 | 34 | A++ |
| 21ETCCS065 | KUNAL MENARIA | 0 | 0 | 0 | A++ |
| 21ETCCS066 | KUNAL PALIWAL | 37 | 37 | 37 | A++ |
| 21ETCCS067 | KUNAL SHARMA | 33 | 33 | 33 | A++ |
| 21ETCCS068 | KUNIKA KADECHA(RL) | 42 | 42 | 42 | A++ |
| 21ETCCS069 | LALITA DANGI | 56 | 56 | 56 | A++ |
| 21ETCCS070 | LAVISHA JAIN | 60 | 60 | 60 | A++ |
| 21ETCCS071 | LOKANTIK JAIN | 42 | 42 | 42 | A++ |
| 21ETCCS073 | MAHAK BANSAL | 52 | 52 | 52 | A++ |
| 21ETCCS074 | MANSI GEHLOT | 53 | 53 | 53 | A++ |
| 21ETCCS075 | MAYANK KANERIYA | 50 | 50 | 50 | A++ |
| 21ETCCS076 | MAYANK MALIWAL | 43 | 43 | 43 | A++ |
| 21ETCCS078 | MITANSH JAIN | 28 | 28 | 28 | A++ |
| 21ETCCS079 | MOHAMMED OWAIS KHAN | 53 | 53 | 53 | A++ |
| 21ETCCS081 | NAVNEET ANAND | 52 | 52 | 52 | A++ |
| 21ETCCS082 | NEHAL DHING | 55 | 55 | 55 | A++ |
| 21ETCCS084 | NIPUN MALI | 47 | 47 | 47 | A++ |
| 21ETCCS085 | NISHA LOHAR | 68 | 68 | 68 | A++ |
| 21ETCCS086 | PRADHUMAN SINGH CHAUDHARY | 53 | 53 | 53 | A++ |
| 21ETCCS087 | PRANJAL SINGHVI | 55 | 55 | 55 | A++ |
| 21ETCCS088 | RAJAT PATIDAR | 45 | 45 | 45 | A++ |
| 21ETCCS089 | RIYA JAIN | 57 | 57 | 57 | A++ |
| 21ETCCS090 | ROHIN GANG | 18 | 18 | 18 | A++ |
| 21ETCCS091 | RUPAL SONI | 53 | 53 | 53 | A++ |
| 21ETCCS092 | SAHIL SOLANKI | 45 | 45 | 45 | A++ |
| 21ETCCS093 | SARGAM JAIN | 63 | 63 | 63 | A++ |
| 21ETCCS094 | SATYEN KHARADI | 56 | 56 | 56 | A++ |
| 21ETCCS095 | SHASHANK MENARIA | 31 | 31 | 31 | A++ |
| 21ETCCS096 | SHUBHAM DAS | 43 | 43 | 43 | A++ |
| 21ETCCS097 | SUDEEP ROY | 6 | 6 | 6 | A++ |
| 21ETCCS098 | SUMIT VASITA | 18 | 18 | 18 | A++ |
| 21ETCCS099 | SUYASH SONI | 44 | 44 | 44 | A++ |
| 21ETCCS100 | MS TANISHA KUMAWAT | 50 | 50 | 50 | A++ |
| 21ETCCS101 | TUSHAR YADAV | 9 | 9 | 9 | A++ |
| 21ETCCS102 | VAIBHAV GARG | 45 | 45 | 45 | A++ |
| 21ETCCS103 | VAIBHAV SONI | 60 | 60 | 60 | A++ |
| 21ETCCS104 | VARUN SHARMA | 15 | 15 | 15 | A++ |
| 21ETCCS105 | VEDANSHI PAREEK | 49 | 49 | 49 | A++ |
| 21ETCCS106 | VEDAS DIXIT | 55 | 55 | 55 | A++ |
| 21ETCCS107 | VIKRAM SINGH SISODIYA | 43 | 43 | 43 | A++ |
| 21ETCCS108 | VIMANYU P SHARMA | 0 | 0 | 0 | A++ |
| 21ETCCS109 | VISHAL KUMAWAT | 25 | 25 | 25 | A++ |
| 21ETCCS110 | VISHAL PUSHKARNA | 36 | 36 | 36 | A++ |
| 21ETCCS111 | VYOM BHATT | 58 | 58 | 58 | A++ |
| 21ETCCS112 | YASH JAIN | 38 | 38 | 38 | A++ |
| 21ETCCS113 | YASH JOSHI | 58 | 58 | 58 | A++ |
| 21ETCCS114 | YASH PURI GOSWAMI | 40 | 40 | 40 | A++ |
| 21ETCCS115 | YOGESH JAIPAL | 18 | 18 | 18 | A++ |
| 21ETCCS116 | MS YUVIKA CHOUDHARY | 48 | 48 | 48 | A++ |
| 21ETCCS117 | YUVRAJ SINGH KANAWAT | 51 | 51 | 51 | A++ |
| 21ETCCS300 | NEELAM KATARIYA | 0 | 0 | 0 | A++ |
| 21ETCCS400 | Shabbir Husain | 0 | 0 | 0 | A++ |
| 21ETCCS401 | Ali Hussain | 0 | 0 | 0 | A++ |
| 22ETCCS200 | Saurabh Soni | 42 | 42 | 42 | A++ |

**Signature of Faculty: Signature of HOD**

### Indirect Assessment:

**Overall Teacher Self Assessment (at the completion of course) in terms of course objective and outcomes**

### Course Objectives:

The course introduces students to analysis, design, and evaluation of the interaction between people and information and communication technologies

### Course Outcomes:

Students will be able to Explain the characteristics of E-Commerce and ERP systems. Analyze the impact of E-Commerce on business models and strategies.

Evaluate the role of ERP systems in streamlining business processes.

Design and implement E-Commerce solutions considering security and usability. Configure and manage ERP systems for efficient resource planning and management.

### Methodology to identify bright student

Considered a range of criteria, including academic performance, creativity, critical thinking, problem-solving skills, and enthusiasm for learning. Bright students often excel in multiple areas. Observed how students perform in the classroom. In terms of active participation, engagement in discussions, leadership, and the ability to grasp complex concepts.

### Efforts to keep students engaged

* 1. Active Learning:
     + Incorporate active learning strategies, such as group discussions, problem- solving activities, and hands-on projects. Active participation keeps students engaged and encourages critical thinking.
  2. Varied Teaching Methods:
     + Use a variety of teaching methods, including lectures, group work, multimedia presentations, and interactive activities to cater to different learning preferences.
  3. Technology Integration:
     + Leverage technology, such as online platforms, educational apps, and interactive software, to make lessons more engaging and interactive.

Some extra learning for bright students

1. https://[www.youtube.com/watch?v=-7PljEN-NIo&list=PLV8vIYTIdSnbh5dOzzOGYABSZLdguEbUG](http://www.youtube.com/watch?v=-7PljEN-NIo&list=PLV8vIYTIdSnbh5dOzzOGYABSZLdguEbUG)
2. https://[www.youtube.com/watch?v=eoyO\_\_HPHOo](http://www.youtube.com/watch?v=eoyO__HPHOo)

### Methodology to identify weak student

Considered a range of criteria, including classroom observation, formative assessment, summative assessment, assignment review e.t.c. Weak students are struggling students with sensitivity and a desire to support their learning. Some measures, such as additional tutoring, personalized assignments, or alternative assessment methods, to help students succeed.

### Targeted inventions for weak student

* 1. **Additional Resources**

Offer supplementary learning materials, such as textbooks, online resources, or multimedia content, to provide alternative explanations and reinforce key concepts.

### Remedial classes

Establish a tutoring program where students can receive extra help from teachers.

### Flipped classroom

Students are assigned pre-class learning materials, often in the form of videos, readings, or online modules, to cover the foundational concepts before coming to class.

Some additional resources or links for student to improve their understanding for topic

1. https://[www.youtube.com/watch?v=-7PljEN-NIo&list=PLV8vIYTIdSnbh5dOzzOGYABSZLdguEbUG](http://www.youtube.com/watch?v=-7PljEN-NIo&list=PLV8vIYTIdSnbh5dOzzOGYABSZLdguEbUG)
2. https://[www.youtube.com/watch?v=eoyO\_\_HPHOo](http://www.youtube.com/watch?v=eoyO__HPHOo)
3. FRONTIERS OF ELECTRONIC COMMERCE – KALAKATA, WHINSTON, PEARSON