UPES
UNIVERSITY OF TOMORROW

School Of Computer Science
University Of Petroleum and Energy Studies
P.O.Bidholi, Via-Prem Nagar DEHRADUN-248007

Bachelors of Technolgy in Computer Science & Engineering

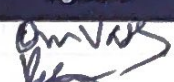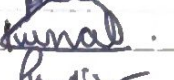Issue Date: 19/08/2025

Minor   Major ✓

Project Title	Developing ecommerce Platform using Three-tier application Deployment (DeVOPS and Cloud)	Mentor Name	Project Number: Sandeep Pratap Singh

S.No	Rollnumber	Branch	Name	Role	Signature
1	R214222023	CSE(DeVOPS)	Om Vats		Om Vats
2	R2142220142	CCVT	Rakshan Sharma		
3	R214222010	CCVT	Kunal Sinha		Kunal
4	R2142220121	CCVT	Panchika Gupta		Panchika

19/8/2025

Project Mentor   **Cluster Head**

Date	Understanding of Project	Project Working	Soft Skills 10 Marks	Report	Mentor Marks 85 MARKS	Total Marks	Project Status Activity Coordinator
R.No	25 Marks	35 Marks		15 MARKS	0	100 MARKS	
	0	0	0	0	0	0	
	0	0	0	0	0	0	
	0	0	0	0	0	0	
	0	0	0	0	0	0	

Synopsis Evaluation
Theoretical Understanding

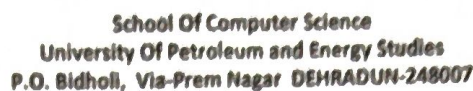| Rollno	Problem(4 Marks)	Algorithm(4 Marks)	Data/Data structure(4 Marks)	SWOT Analysis(4 Marks)	Area of Application(4 Marks)	Total Marks(20)

Panel Remark					
	Reviewer 1	Reviewer 2	Reviewer 3	Reviewer 4	Reviewer 5

Mid- Term Evaluation
DESIGN & DEVELOPMENT

Rollno	Technical Diagram(5 Marks)	Programming Concepts(5 Marks)	IPC(5 Marks)	Libraries(5 Marks)	SRS(10)	Total(20 Marks)

Panel Remark					
	Reviewer 1	Reviewer 2	Reviewer 3	Reviewer 4	Reviewer 5

End-Term Evaluation
Testing & Implementation

Rollno	Theoretical Knowledge(5)	Computational Knowledge(5)	TestCase (10)	Soft Skills (10)	Report(5)	Core Computational Skills(15)	Total (50)

Panel Remark					
	Reviewer 1	Reviewer 2	Reviewer 3	Reviewer 4	Reviewer 5

UPES
UNIVERSITY OF TOMORROW

Bachelors of Technolgy in Computer Science Engineering

| | | Minor | Major 1 |

| Project Title | Developing ecommerce Platform using Three-Tier application Deployment (DevOps) | Mentor Name | Sandeep Pratap Singh |

Abstract

A Secure, Scalable ecommerce Platform enabling product management, seamless transactions, and customer engagement with enterprise-grade protection and reliability.

Objective

Deliver a user-friendly online Store with Secure payments, robust data protection, efficient management, and Continuous monitoring.

Methodology

Implement microservices architecture, CI/CD pipelines, containerized deployment, cloud-native and monitoring tools, DevSecOps practices.

Progress 1

Marks	10	10	10	10	10	10	10	15
Roll Number	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Internal
Mentor Remark								
Date/Mentor Signature								

Progress 2

Marks	10	10	10	10	10	10	10	15
Roll Number	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Internal
Mentor Remark								
Date/Mentor Signature								

Guideline: 1) A project group can be of maximum 4 members and no alteration in the group member will be entertained later.
Guideline: 2) Methodology should have following steps Step1: Literature Review; Step2: Identification Of Requirement (Type Of Data source, Amount Of Data, & Format of Data); Step3: Identification of Algorithm; Step4 : Comparative study; Step5: Design and Development of System/Architecture; Step 6: Implementation; Step7: Results
Guideline:3) Student should upload softcopies of all the documents (reports and power point presentations) in "Project Directory", 24 hrs prior to evaluation.
Guideline:4) Panel member will give feedback to individual on the scale of 1 to 5 and this scale will change for defaulter i.e. 1 to 3 scale.
1: Poor   2: Average   3: Good   4: Excellent   5: Outstanding