



(Accredited by NAAC)

Jawahar Education Society's,
**INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH, NASHIK.**

(Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to Savitribai Phule Pune University)



2.5.1

Mechanism of internal/external assessment is transparent

**Survey No 48, Gowardhan, Gangapur Road,
Nashik - 422222. Maharashtra, India
www.jitnashik.edu.in**



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University Calendar

Savitribai Phule Pune University



Revised Circular No. 68 of 2025

Revised Dates of Commencement and Conclusion of the Academic Year 2024-25 for Affiliated Colleges and Institutes.

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of Courses, under the faculty of **Science & Technology**, for the academic year 2024-25 shall be as under:

Term – I

Sr. No.	Course, Programme, Year	Commencement	Conclusion	Tentative Commencement Exam	Vacation	
					From	To
1	Science	20-06-2024	11-10-2024	21-10-2024	21-10-2024	18-11-2024
2	B.E.: II/ III/ IV	01-07-2024	25-10-2024	19-11-2024	05-11-2024	03-12-2024
3	M.E.: II					
4	B.Arch.: II/ III/ IV/ V					
5	M.Arch.:II					
6	B.Pharm: II/ III/ IV					
7	M. Pharm: II					
8	MCA II					

Term – II

Sr. No.	Course, Programme, Year	Commencement	Conclusion	Tentative Commencement Exam	Vacation	
					From	To
1	Science	19-11-2024	30-04-2025	09-04-2025	01-05-2025	14-06-2025
2	B.E.: II/ III/ IV	01-01-2025	26-04-2025	13-05-2025	17-05-2025	30-06-2025
3	M.E.: II					
4	B.Arch.: II/ III/ IV/ V					
5	M.Arch.:II					
6	B.Pharm: II/ III/ IV					
7	M. Pharm: II					
8	MCA II					

NOTE :

1. The dates of commencement and conclusion of the all those courses whose admission is made under Common Entrance Test (CET) conducted by Government of Maharashtra / Savitribai Phule Pune University will be declared separately.
2. In case, the Head of the college requires to give additional holidays in exceptional circumstances, he/she may do so by compensating the same by keeping the college working on holidays.

Ref. No. PGS/698
Date: 18/03/2025

Rahul 18/3/2025
(Dr. M. V. Rasve)
Deputy Registrar

Copy to: for Information and necessary action

The Members of the Management Council.

The Deans of Faculties.

The Registrar.

The Director, Board of Examinations & Evaluation

The Principals of all Affiliated Colleges.

The Directors of all Recognized Institutes.

The Heads of all the Administrative Sections of the University Office.

Office of the Hon. Vice-Chancellor.

Office of the Hon. Pro-Vice-Chancellor.

BACK

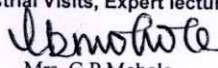
Institute Calendar

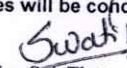
Institute Academic Calendar

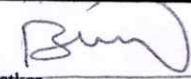
A.Y. 2024-25 (SEM-I)

Month	Date	University Activities	Institute Activities
JUNE	18-Jun to 22-Jun		SE to BE Student Registration
	22-Jun -30 Jun		IQAC Meeting, Value Added Course
			Display of TE/BE Time Tables to notice board
JULY	01-Jul	SE to BE Commencement of Teaching	TE/BE commencement of Teaching and reporting of students
	17-Jul		Ashadi Ekadashi/ Muharram
AUGUST	01-Aug		Display of Attendance and list of defaulters by Class Co-ordinators, Letters to parents
	5-Aug		College Development Committee(CDC) Meeting-I
	15-Aug		Independence day & Parsi new Year
	20-24 Aug		SE to BE Unit Test 1/Class Test 1, Mid Semester Feedback
	4th week of August		Women Grievance Redressal committee Meeting and SC/ST Cell Meeting
	4th week of August		Anti Ragging Committe Meeting and Anti Ragging Scout Committee Meeting
	4th week of August		Students Grievance Redressal Cell Meeting and Complaint Resolution Committee Meeting
		SE/TE/BE Insem Examinations	
SEPT	01-Sep		Display of Attendance and list of defaulters by Class Co-ordinators, Letters to parents, IQAC Meeting
	05-Sep		Teachers Day
	07-Sep		Ganesh Chaturdashi
	15-20 Sep		15-Engineers Day, Parents Meet
	16,17-09-2024		Eid, Anant Chaturdashi
OCT	01-Oct		Display of Attendance and list of defaulters by Class Co-ordinators, Letters to parents
	02-Oct		Gandhi Jayanti
	12-Oct		Dashera
	14-Oct		College Development Committee(CDC) Meeting-II
	14-18 Oct		SE to BE Unit Test 2/ Class Test 2, SE to BE Course Exit Survey Feedback
	25-Oct	SE to BE Teaching conclusion	Conclusion of Teaching
NOV	01-03 Nov		1-Diwali (Lakshami Pujan), 2-Balipratipada, 3- Bahu-Bij
	15-Nov		Gurunanak Jayanti
	19-Nov	SE to BE Endsem Examination (University) *(Tentative)	Tentative Commencement of END Sem Examination
	25-30 Nov		IQAC Meeting
DEC	25-Dec		Crismas
	31-Dec		1-Jan 2025 Commencement of II semester AY 2024-2025
INSEM,ENDSEM & OR/PR examination as per			As per univeristy schedule
Mentor Meeting (2nd and 4th Saturday Every Month)			Continuing Process
Technical Expert Lectures & soft Skills			FE to BE
Conducting Interview Sessions& GATE lectures			BE

Industrial Visits, Expert lectures & Other activities will be conduct in each month of July to December 2024


Mrs. G.P. Mohale
IAC


Mrs. S.A. Thete
IQAC


Dr. M.V. Bhatkar
Principal

Department Calendar

Department of Information Technology

Academic Planner (2024-25) Sem-I

Date:- 18/06/2024

First Term

Sr. No.	Details of Activity	Year	Date
1	Commencement of Teaching	SE,TE	01/07/2024
2	Conclusion of Teaching	SE,TE	25/10/2024
3	HOD-Faculty meeting	Dept. Level	Every fortnight
4	Unit Test-1	SE,TE	20/08/ 2024 to 24/08/2024
5	Unit Test-2	SE,TE	14/10/2024 to 18/10/ 2024
6	Value Added Course 1. C++ Course	SE,TE	i) 24/06/2024 -28/06/2024
7	Sending letters/Calling/Messages to parents of student	SE,TE	First week of Aug, Sept, Oct 2024
8	Industrial Visit	SE,TE	1 st week of Sept 2024
9	Parents Meet	SE,TE	2 nd week of Sept 2024
10	1) Departmental Events:- i) Bicycle Rally ii) Unveiling Beauty Through the Lens iii) River cleaning campaign in association with Rotary club	SE,TE	i) 12/08/2024 ii) 19/08/2024 iii) 22/09/2024
	2) Expert Seminars/Workshops: i) One day Workshop on "Computer Networking" ii) Seminar on "Entrepreneurship"	SE, TE	i) 15/07/2024 ii) 30/07/2024
11	Teachers Feedback	SE	4th week of Aug 2024 and 4th week of Oct 2024
12	Course Exit Survey	SE	21/10/2024
13	Project Progress Review	SE	-----
14	Monthly Review (DAC-HOD)	SE	First week of Aug, Sept, Oct 2024
15	OR/PR examination	SE	As Per University Schedule
16	Insem Examination	SE	1 st week of Sept 2024(Tentative)
17	End Sem Examination	SE	As Per University Schedule

Pre-requisite Test



Jawahar Education Society's Institute of Technology, Management and Research, Nashik

Information Technology [2024-25]

Title : Web Application Development Pre-requisite Test

Subject : Web Application Development - Theory

Faculty : Shoyeb Pathan

Year : 3rd Year - Semester 6

Date : Mon 13 Jan, 2025

Marks : 30

Duration : 30 Minutes

1] **Question :** Which of the following is the correct syntax to declare a pointer in C++? [Single Correct] [2 Marks]

- 1) ☒ int* ptr;
- 2) int ptr*;
- 3) int &ptr;
- 4) pointer int;

Explanation :

Bloom's Level: Remember

2] **Question :** Which operator is used to allocate memory dynamically in C++? [Single Correct] [2 Marks]

- 1) malloc()
- 2) calloc()
- 3) ☒ new
- 4) free()

Explanation :

Bloom's Level: Remember

3] **Question :** Which of the following is NOT a valid loop in C++? [Single Correct] [2 Marks]

- 1) for
- 2) while
- 3) do-while
- 4) ☒ repeat-until

Explanation :

Bloom's Level: Remember

4] **Question :** Which of the following keywords is used to define a constant in C++? [Single Correct] [2 Marks]

- 1) ☒ const
- 2) static
- 3) define

4) final

Explanation :

Bloom's Level: Remember

5] Question : Which of the following is the correct syntax to declare a function in C++? [Single Correct] [2 Marks]

1) function int add(int a, int b);

2) ☒ int add(int a, int b);

3) def add(int a, int b):

4) void add(int a, int b);

Explanation :

Bloom's Level: Remember, Analyze

6] Question : What will be the output of the following code? `int main() { int a = 5; int b = 10; cout` [Single Correct] [2 Marks]

1) ☒ 50

2) 15

3) 510

4) 5

Explanation :

Bloom's Level: Remember

7] Question : Which of the following will declare a reference variable in C++? [Single Correct] [2 Marks]

1) ☒ int& x;

2) int* x;

3) ref int x;

4) int x&;

Explanation :

Bloom's Level: Remember

8] Question : Which of the following is the correct way to declare a variable in Java? [Single Correct] [2 Marks]

1) ☒ int a = 5;

2) int a; = 5

3) a = 5 int;

4) int 5 = a;

Explanation :

Bloom's Level: Remember

9] Question : Which class is the superclass of every class in Java? [Single Correct] [2 Marks]

1) ☒ Object

2) Class

3) Thread

4) Super

Explanation :

Bloom's Level: Remember

10] Question : Which of the following is NOT a primitive data type in Java? [Single Correct] [2 Marks]

1) int

2) float

3) double

4) ☒ string

Explanation :

Bloom's Level: Remember

11] Question : What does JVM stand for in Java? [Single Correct] [2 Marks]

☐ Java Verified Method

2) ☒ Java Virtual Machine

3) Java Variable Manager

4) Java Version Manager

Explanation :

Bloom's Level: Remember

12] Question : Which of the following is used to handle exceptions in Java? [Single Correct] [2 Marks]

1) ☒ try-catch

2) catch-throw

3) try-finally

4) throw-catch

Explanation :

Bloom's Level: Remember

13] Question : Which of the following is the correct syntax to create an object of a class in Java? [Single Correct] [2 Marks]

1) ☒ Class obj = new Class();

2) obj = new Class;

3) new Class obj();

4) Class obj = new Class;

Explanation :

Bloom's Level: Remember, Create

14] Question : What is the result of the following code in Java? int a = 10; int b = 5; System.out.println(a / b); [Single Correct] [2 Marks]

1) ☒ 2

2) 2.0

3) 5



4) Compilation error

Explanation :

Bloom's Level: Remember

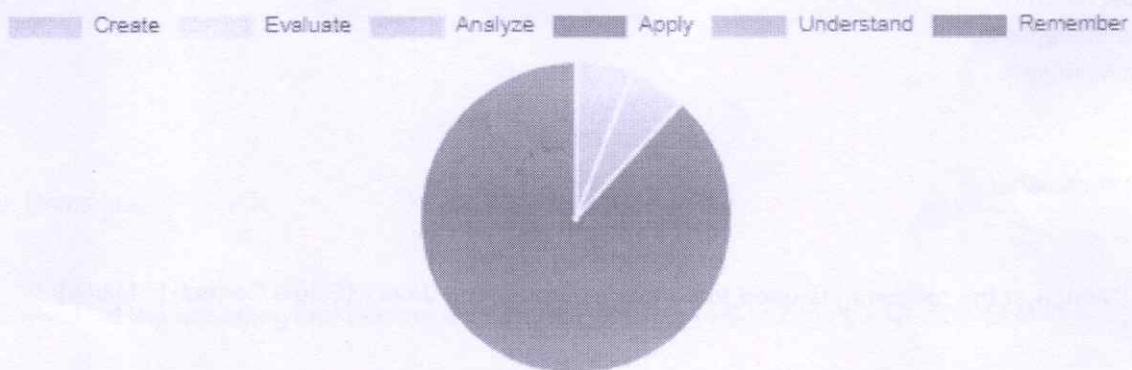
15] Question : What is the size of the int data type in Java? [Single Correct] [2 Marks]

- 1) 16 bits
- 2) ☒ 32 bits
- 3) 64 bits
- 4) 128 bits

Explanation :

Bloom's Level: Remember

Marks distribution as per Bloom's level



Bloom's Level	Linked Question Count	Marks	Percentage
Create	1	2	6.67
Evaluate	0	0	0.00
Analyze	1	2	6.67
Apply	0	0	0.00
Understand	0	0	0.00
Remember	15	30	100.00

NOTE : Percentage for each Bloom's level is calculated using following formula

Percentage = (Marks per Bloom's level / Total marks of all questions) * 100





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Department of Information Technology

SE Pre-requisite Test Marks

A.Y. 2024-25 [Sem - II]

Roll No.	Name of Student	EM-III	PA	DBMS	CG	SE
1	Ahire Pranjal Sahebrao	18	14	12	22	20
2	Ahirrao Stutika Dattu	16	14	12	16	20
3	Avhad Atharv Dashrath	26	12	20	16	18
4	Avhad Vishal Kailas	4	6	4	4	6
5	Balak Atharva Dnyaneshwar	22	10	14	24	14
6	Bhavar Minakshi Sunil	18	12	30	30	18
7	Bhavnath Prapti Manohar	16	24	22	28	14
8	Bhavsar Mansi Nitin	20	14	14	24	16
9	Bhirud Darshan Sanjay	14	14	14	22	16
10	Borhade Neha Madhav	18	14	12	24	22
11	Borse Kartik Bandu	16	18	10	24	14
12	Bramhankar Shravani Jitendra	12	12	10	8	10
13	Chand Ashutosh Murli	14	14	12	24	12
14	Chaudhari Tanmai Sandip	20	14	24	30	22
15	Chavan Dinesh Rameshwar	22	14	14	18	14
16	Dale Dakornath Tushar	18	18	14	22	16
17	Deore Janhavi Avinash	18	12	14	22	14
18	Dewassi Narayan Veeraram	18	18	18	24	16
19	Dhondage Rohit Karbhari	22	6	12	18	18
20	Dhondage Vaibhav Yuvraj	18	18	18	16	18
21	Dhone Vaibhav Shankar	16	14	6	16	6
22	Gosavi Sanket Rajendra	8	6	4	4	4
23	Jagatap Tejaswini Lahu	14	14	14	24	18
24	Jagdale Vaishnavi Pankaj	18	16	12	4	10
25	Kanchan Nilesh Bhamare	16	16	14	16	18
26	Katare Kanchan Macchindra	18	14	16	12	16

Roll No.	Name of Student	EM-III	PA	DBMS	CG	SE
27	Khairnar Nirnay Suresh	16	12	16	20	14
28	Mali Durgesh Ravindra	26	28	14	14	16
29	Mali Kuldip Vithoba	6	4	4	4	2
30	Matsagar Priti Ganesh	22	10	28	26	20
31	More Sanskruti Rajendra	18	8	24	28	22
32	Om Dnyaneshwar Nathe	4	6	8	6	6
33	Ozarkar Dhroova Sunil	16	18	10	6	8
34	Pagare Nikita Rajendra	26	18	14	18	20
35	Patil Aditya Vijay	18	14	10	8	8
36	Patil Deep Manohar	4	8	4	8	8
37	Patil Hemangi Himmatrao	18	20	14	20	18
38	Patil Janhavi Kewal	16	20	12	14	18
39	Patil Nandini Dhirendra	20	12	12	24	18
40	Pawar Khushal Vilas	14	18	16	28	14
41	Pawar Sakshi Dasharath	18	14	14	14	12
42	Pawar Sanket Rajendra	14	20	14	22	20
43	Pendhare Mahesh Dhanraj	12	18	22	26	20
44	Pimpale Vishu Sunil	14	18	14	20	12
45	Ramayane Harshad Raju	16	18	24	30	18
46	Rathod Vaishali Ramesh	16	18	24	24	14
47	Roshani Bhausaheb Bhosale	14	14	16	24	20
48	Sapkal Vishal Annasaheb	12	12	26	26	18
49	Shaikh Tanveer Zafar	18	14	18	20	14
50	Shelar Yash Manoj	18	12	26	20	20
51	Shewale Yash Sanjay	14	20	20	24	18
52	Shimpi Vishalkumar T.	12	20	14	12	14
53	Shinde Kirti Vikram	20	10	26	20	16
54	Shirsath Rohit Sunil	20	10	16	22	16
55	Solanke Dnyaneshwar Komal	12	14	14	10	14
56	Solanke Shraddha Gajanan	18	10	12	10	20
57	Sonawane Ganesh Pramod	18	10	16	18	20
58	Sonawane Nilesh Ravindra	14	14	12	26	22
59	Sonkamble Ashish Laxman	6	4	8	6	4
60	Sukenkar Aarya Navnath	20	12	18	16	10

Roll No.	Name of Student	EM-III	PA	DBMS	CG	SE
61	Suryavanshi Lavkesh Jitendra	28	16	14	4	18
62	Thorat Prem Sanjay	26	14	16	16	12
63	Umap Pallavi Satish	16	14	20	26	14
64	Wagh Tejaswini Bhaskar	16	22	28	30	22
65	Waghmare Manasi Murlidhar	14	14	26	20	26
66	Waidande Shravani Ramesh	16	28	16	16	18
67	Wani Aniket Shyamkant	14	8	16	14	16
68	Wankhade Nikhil Raju	12	6	14	22	14
69	Wendole Prathmesh Vijay	18	18	14	12	10
70	Yash Shashikant Motkari	18	8	24	28	16
71	Yeshi Omkar Kishor	14	8	12	10	12
Subject Teacher Sign						


Ms. D. D. Survase
 Class Co-ordinator


Mr. S. B. Patil
 HOD
 (Dept. of Information Technology)

BACK



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Teaching Plan

Teaching Plan 2024-25

Name of Faculty:	Prof. J. P. Patil	Designation:	Assistant Professor
Subject:	Computer Graphics	Subject Code:	214453 [SEM-II]
Class:	S.E. Information Technology	Marks:	100(70TH+30 Insem)
TH/ PR (Hrs/Week):	3 Hrs/Week	Total Hrs as per SPPU	36 Hrs
Credits:	03	Extra Lecture requires:	00 Hrs

Lect No.	Month & Week	Topics to be covered	Tools Used
Unit – I: Computer Graphics Basic, OpenGL and Line, Circle Drawing (6 Hours)			
01	6/01/2025 to 10/01/2025	Introduction CG :Introduction to computer graphics, basics of graphics systems, raster and random scan, basic display processor	Projector, Laptop, Speaker
02		OpenGL – Introduction – Graphics function, OpenGL Interface, primitives and attributes, Control functions, programming events.	Projector, Laptop, Speaker
03		Line Drawing: DDA Line drawing algorithm, Bresenham Line drawing algorithm	Projector, Laptop, Speaker
04	13/01/2025 to 17/01/2025	Circle Drawing: Bresenham circle drawing algorithm.	Green board, Chalk, Duster
05		Character Generation: Stroke principle, starburst principle, bitmap method.	Green board, Chalk, Duster
06		Introduction to aliasing and anti-aliasing.	Green board, Chalk, Duster
Assignment No:1			
IMP Questions on Unit -1			
Unit – II: Polygons, 2D Transformations (6 Hours)			
07	20/01/2025 to 24/01/2025	Polygons: Polygons and its types, inside test,	Projector, Laptop, Green board, Chalk, Duster
08		Polygon filling methods: Seed Fill – Flood fill and Boundary Fill	Green board, Chalk, Duster
09		Scan-line Fill algorithms,	Green board, Chalk, Duster
10	27/01/2025 to 31/01/2025	2D Transformations: Translation, Scaling,	Projector, Laptop, Green board, Chalk, Duster
11		Rotation, Reflection and Shearing,	Projector, Laptop, Green board, Chalk, Duster
12		Matrix representation and homogeneous coordinate system, composite transformations.	Green board, Chalk, Duster
Assignment No:2			
IMP Questions on Unit -2			
Class Test-1 / Unit Test-1			
Unit – III: Windowing, Clipping,3D Transformation, Projections (6 Hours)			
13	3/02/2025 to 7/02/2025	Windowing: Concept of window and viewport, viewing transformations	Green board, Chalk, Duster
14		Line Clipping: Cohen Sutherland method of line clipping	Green board, Chalk, Duster

15		Polygon Clipping: Sutherland Hodgeman method for convex and concave polygon clipping.	Projector, Laptop, Green board, Chalk, Duster
16	10/02/2025 to 14/02/2025	3D Transformation: Translation, scaling, rotation about X, Y, Z & arbitrary axis, and reflection about XY, YZ, XZ & arbitrary plane.	Projector, Laptop, Green board, Chalk, Duster
17		Projections: Types of projections- Parallel, Perspective, and Perspective: vanishing points as 1 point, 2 point and 3 point.	Projector, Laptop, Green board, Chalk, Duster
18		Parallel: oblique – Cavalier, Cabinet, Orthographic – isometric, diametric, trimetric	Projector, Laptop, Green board, Chalk, Duster

Assignment No:3

IMP Questions on Unit -3

UNIT- IV: Segments, Illumination models, colour models and shading (6 Hours)

19	17/02/2025 to 21/02/2025	Segments: Introduction, Segment table, segment creation, closing, deleting, renaming, and visibility.	Green board, Chalk, Duster
20		Illumination models: Light sources, ambient light, diffuse light, specular reflection,	Green board, Chalk, Duster
21		the Phong model, combined diffuse and specular reflections with multiple light sources.	Green board, Chalk, Duster
22	24/02/2025 to 28/02/2025	Color Models: CIE Chromaticity Diagram, Color Gamut, RGB,	Green board, Chalk, Duster
23		CMY, YCbCr, HSV color models.	Green board, Chalk, Duster
24		Shading Algorithms: Constant intensity shading, Halftone, Gourand and Phong Shading.	Green board, Chalk, Duster

Assignment No:4

IMP Questions on Unit -4

UNIT – V: Curves, fractals and Animation (6 Hours)

25	3/03/2025 to 7/03/2025	Curves: Introduction, interpolation and approximation, Spline Interpolation Methods – hermite interpolation, Bezier curves, B-Splines.	Projector, Laptop, Green board, Chalk, Duster
26		Fractals: Introduction, Classification, fractal Dimension, Fractal dimension and surfaces, Hilbert curve, Koch Curve.	Projector, Laptop, Green board, Chalk, Duster
27		Animation: Basics of animation, types of animation, principles of animation, design of animation sequences,	Projector, Laptop, Green board, Chalk, Duster
28	10/03/2025 to 14/03/2025	Animation languages, key frame, morphing, motion specification.	Projector, Laptop, Green board, Chalk, Duster
29		Methods of controlling animation, frame-by-frame animation techniques,	Projector, Laptop, Green board,
30		Real-time animation techniques.	Projector, Laptop, Green board, Chalk, Duster

Assignment No: 5

IMP Questions on Unit -5

UNIT – VI: Virtual Reality (6 Hours)

31	17/03/2025 to 21/03/2025	Introduction of Virtual Reality: Fundamental Concept, Three I's of virtual reality and Classic Components of VR systems,	Projector, Laptop, Green board, Chalk, Duster
32		Applications of VR systems. Multiple Modals of Input and Output Interface in Virtual Reality: Input – 3D position Trackers and its types,	Projector, Laptop, Green board, Chalk, Duster

33		Navigation and Manipulation Interfaces, Gesture Interfaces,	Projector, Laptop, Green board, Chalk, Duster
34	24/03/2025 to 28/03/2025	Graphics Displays – HMD and CAVE, Sound Displays, Haptic Feedback	Projector, Laptop, Green board, Chalk, Duster
35		Rendering Pipeline: Graphics rendering Pipeline, Haptics Rendering Pipeline Modeling in Virtual Reality: Concepts of Geometric Modeling, Kinematic Modeling,	Projector, Laptop
36		Physical modeling and Behavior modeling.	Projector, Laptop,
IMP Questions on Unit -6			
Assignment No:6			
Class Test-2 / Unit Test-2 (Prelim)			



Mrs. J. P. Patil
Subject In-Charge




Mr. S. B. Patil
Head
(Dept. of Information Technology)

Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik

DEPARTMENT OF AI & DS
TEACHING PLAN 2024-2025

Name of Faculty:	Prof. Rohini Thete	Designation:	Assistant Professor
Subject:	Object Oriented Programming	Subject Code:	210243[SEM-I]
Class:	S.E. SEM-I	Marks:	100(30 In-Sem+70 End-Sem)
TH/ PR (Hrs/Week) :	3 Hrs/Week	Total Hrs as per SPPU	42Hrs
Credits:	03	Extra Lectures	00 Hrs

Lecture No.	Date	Topics to be covered	
UNIT -I Fundamentals of Object Oriented Programming (07 Hours)			
1	3rd July -10 th July	General Introduction of the Subject, Syllabus, Lesson Plan & Examination Pattern, Pre-requisite test	Green Board, Chalk, Duster
2		Introduction to object-oriented programming, Need of Object-Oriented Programming (OOP), Fundamentals of object-oriented programming: Namespaces, objects, classes, data members, methods	Green Board, Chalk, Duster
3		Messages, data encapsulation, data abstraction and information hiding, inheritance, polymorphism. Benefits of OOP, C++ as object oriented programming language	Green Board, Chalk, Duster
4	10th July-16 th July	C++ Programming- C++ programming Basics, Data Types, Structures, Enumerations, control structures, Arrays and Strings	Green Board, Chalk, Duster
5		Class, Object, class and data abstraction, Access specifiers, separating interface from implementation	Green Board, Chalk, Duster
6		Functions- Function, function prototype, accessing function and utility function, Constructors and destructor	Green Board, Chalk, Duster
7	18 th July-24 th July	Types of constructor, Objects and Memory requirements Static members: variable and functions, inline function, friend function	Green Board, Chalk, Duster
UNIT - II Inheritance and Pointers (07 Hours)			
8	29July-31 th July	Inheritance- Base Class and derived Class, protected members, relationship between base Class and derived Class	Green Board, Chalk, Duster
9		Constructor and destructor in Derived Class, Overriding Member Functions,	Green Board, Chalk, Duster
10	1 st Aug -	Class Hierarchies, Public and Private Inheritance,	Green Board, Chalk, Duster

	3 rd Aug	Types of Inheritance,	
11		Ambiguity in Multiple Inheritance, Virtual Base Class, Abstract class, Friend Class, Nested Class.	Green Board, Chalk, Duster
12		Pointers: declaring and initializing pointers, indirection Operators,	Green Board, Chalk, Duster
13		Memory Management: new and delete, Pointers to Objects, this pointer,	Green Board, Chalk, Duster
14	5 th Aug-7 th Aug	Pointers Vs Arrays, accessing Arrays using pointers, Arrays of Pointers, Function pointers Pointers to Pointers, Pointers to Derived classes, Passing pointers to functions, Return pointers from functions, Null pointer, void pointer	Green Board, Chalk, Duster
UNIT - III Polymorphism (07 Hours)			
15	9 th Aug-12 th Aug	Polymorphism- Introduction to Polymorphism, Types of Polymorphism, Operator Overloading-concept of overloading, operator overloading,	Green Board, Chalk, Duster
16		Overloading Unary Operators, Overloading Binary Operators,	Green Board, Chalk, Duster
17	13 th Aug-14 th Aug	Data Conversion, Type casting (implicit and explicit), Pitfalls of Operator Overloading and Conversion,	Green Board, Chalk, Duster
18		Keywords explicit and mutable. Function overloading,	Green Board, Chalk, Duster
19	19 th Aug-	Run Time Polymorphism- Pointers to Base class, virtual function and its significance in C++,	Green Board, Chalk, Duster
20	20 th Aug	pure virtual function	Green Board, Chalk, Duster
21		virtual table, virtual destructor, abstract base class	Green Board, Chalk, Duster
UNIT-IV Files and Streams (07 Hours)			
22		Data hierarchy, Stream and files,	Green Board, Chalk, Duster
23	21 st Aug-23 rd Aug	Stream Classes, Stream Errors, Disk File I/O with Streams,	Green Board, Chalk, Duster
24		File Pointers, and Error Handling in File I/O	Green Board, Chalk, Duster
25	26 th Aug	File I/O with Member Functions,	Green Board, Chalk, Duster
26	-30 th Aug	Overloading the Extraction and Insertion Operators,	Green Board, Chalk, Duster
27		memory as a Stream Object,	Green Board, Chalk, Duster
28	2 nd Sep-6 th Sep	Command-Line Arguments, Printer output.	Green Board, Chalk, Duster
UNIT-V Exception Handling and Templates (07 Hours)			
29	2 nd Sep-6 th Sep	Exception Handling- Fundamentals, other error handling techniques,	Green Board, Chalk, Duster
30		simple exception handling- Divide by Zero, Multiple catching, re-throwing an exception,	Green Board, Chalk, Duster
31		exception specifications, user defined exceptions, processing unexpected exceptions,	Green Board, Chalk, Duster
32	9 th Sep – 12 th Sep	constructor, destructor and exception handling, exception and inheritance.	Green Board, Chalk, Duster
33		Templates- The Power of Templates, Function template,	Green Board, Chalk, Duster
34	16 th Sep-20 th Sep	overloading Function templates, and class template, class template and Nontype parameters,	Green Board, Chalk, Duster

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Department of Information Technology

Teaching Plan 2024-25			
Name of Faculty:	Prof. D. D. Survase	Designation:	Assistant Professor
Subject:	Data Science and Big Data Analytics	Subject Code: 314452	[SEM-II]
Class:	T.E. Information Technology	Marks:	100 (70TH+30 Insem)
TH/ PR (Hrs/Week) :	3 Hrs/Week	Total Hrs as per SPPU	36 Hrs
Credits:	03	Extra Lecture require:	Hrs

Lect. No.	Month & Week	Topics to be covered	Tools Used
Unit – I: Introduction: Data Science And Big Data (6 Hours)			
01	6/01/2025 to 10/01/2025	Introduction to Data science and Big Data, Defining Data science and Big Data, Big Data examples	Projector, CPU, Speaker, Green board, Chalk, Duster
02		Data Explosion: Data Volume, Data Variety, Data Velocity and Veracity	Projector, CPU, Speaker, Green board, Chalk, Duster
03		Big data infrastructure and challenges, Big Data Processing Architectures: Data Warehouse, Re-Engineering the Data Warehouse	Projector, CPU, Speaker, Green board, Chalk, Duster
04	13/01/2025 to 17/01/2025	shared everything and shared nothing architecture, Big data learning approaches.	Projector, CPU, Speaker, Green board, Chalk, Duster
05		Data Science – The Big Picture: Relation between AI, Statistical Learning, Machine Learning	Projector, CPU, Speaker, Green board, Chalk, Duster
06		Data Mining and Big Data Analytics	Projector, CPU, Speaker, Green board, Chalk, Duster
Assignment No:1			
IMP Questions on Unit -1			
Unit – II: Mathematical Foundation Of Big Data(7 Hours)			
07	20/01/2025 to 24/01/2025	Probability: Random Variables and Joint Probability, Conditional Probability	Projector, CPU, Green board, Chalk, Duster
08		concept of Markov chains, Tail bounds, Markov chains and random walks	Projector, CPU, Green board, Chalk, Duster
09		Pair-wise independence and universal hashing	Projector, CPU, Green board, Chalk, Duster
10	27/01/2025 to 31/01/2025	Approximate counting, Approximate median.	Projector, CPU, Green board, Chalk, Duster
11		Data Streaming Models and Statistical Methods: Flajolet Martin algorithm, Distance Sampling and Random Projections	Projector, CPU, Green board, Chalk, Duster

12		Bloom filters, Mode, Variance, standard deviation	Projector, CPU, Green board, Chalk, Duster
13		Correlation analysis and Analysis of Variance	

Assignment No:2

IMP Questions on Unit -2

Class Test-1 / Unit Test-1

Unit – III Big Data Processing (6 Hours)

14	3/02/2025 to 7/02/2025	Big Data Analytics- Ecosystem and Technologies	Projector, CPU Green board, Chalk, Duster
15		Introduction to Google file system, Hadoop Architecture	Projector, CPU ,Green board, Chalk, Duster
16		Hadoop Storage: HDFS, Common Hadoop Shell commands, Anatomy of File Write and Read	Projector, CPU, Green board, Chalk, Duster
17	10/02/2025 to 14/02/2025	NameNode, Secondary NameNode, and DataNode, Hadoop MapReduce paradigm	Projector, CPU, Green board, Chalk, Duster
18		Map Reduce tasks, Job, Task trackers - Cluster Setup – SSH & Hadoop Configuration	Projector, CPU, Green board, Chalk, Duster
19		Introduction to NOSQL, Textual ETL processing	Projector, CPU ,Green board, Chalk, Duster

Assignment No:3

IMP Questions on Unit -3

UNIT- IV Big Data Analytics (6 Hours)

20	17/02/2025 to 21/02/2025	Big Data Analytics- Architecture and Life Cycle	Projector, CPU ,Green board, Chalk, Duster
21		Types of analysis, Analytical approaches, Data Analytics with Mathematical manipulations	Projector, CPU ,Green board, Chalk, Duster
22		Data Ingestion from different sources (CSV, JSON, html, Excel, mongoDB, mysql, sqlite)	Projector, CPU ,Green board, Chalk, Duster
23	24/02/2025 to 28/02/2025	Data cleaning, Handling missing values, data imputation, Data transformation	Projector, CPU ,Green board, Chalk, Duster
24		Data Standardization, handling categorical data with 2 and more categories	Projector, CPU ,Green board, Chalk, Duster
25		statistical and graphical analysis methods, Hive Data Analytics	Projector, CPU ,Green board, Chalk, Duster

Assignment No:4

IMP Questions on Unit -4

UNIT – V: Big Data Visualization (6 Hours)

26	3/03/2025 to 7/03/2025	Introduction to Data visualization, Challenges to Big data visualization	Projector, CPU, Green board, Chalk, Duster
27		Conventional datavisualization tools, Techniques for visual data representations	Projector, CPU, Green board, Chalk, Duster
28		Types of data visualization, Visualizing Big Data, Tools used in data visualization	Projector, CPU, Green board, Chalk, Duster
29	10/03/2025 to 14/03/2025	Types of data visualization, Visualizing Big Data, Tools used in data visualization	Projector, CPU, Green board, Chalk, Duster

30		Case Study: Analysis of a business problem of Zomato using visualization, Analytical techniques used in Big data visualization	Projector, CPU, Green board, Chalk, Duster
31		Data Visualization using Tableau Introduction to: Candela, D3.js, Google Chart API	Projector, CPU, Green board, Chalk, Duster

Assignment No:5

IMP Questions on Unit -5

UNIT – VI: Big Data Technologies Application And Impact (5 Hours)

32	17/03/2025 to 21/03/2025	Social media analytics, Text mining, Mobile analytics	Projector, CPU, Green board, Chalk, Duster
33		Data analytics life cycle of case studies, Organizational impact, understanding decision theory	Projector, CPU, Green board, Chalk, Duster
34		creating big data strategy, big data value creation drivers	Projector, CPU, Green board, Chalk, Duster
35	24/03/2025 to 28/03/2025	Michael Porter's valuation creation models, Big data user experience ramifications	Projector, CPU, Green board, Chalk, Duster
36		Identifying big data use cases, Big Data Analytics Challenges and Research directions	Projector, CPU, Green board, Chalk, Duster

IMP Questions on Unit -6

Assignment No:6

Class Test-2 / Unit Test-2 (Prelim)


Ms. D. D. Survase
Subject In-Charge




Mr. S. B. Patil
Head
(Dept. of Information Technology)

Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik

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Lab Plan



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MANAGEMENT & RESEARCH, NASHIK.**

(Approved by AICTE, New Delhi DTE, Government of Maharashtra, Affiliated to Savitribai Phule Pune University)

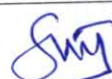
Lab Plan 2024-25 [Semr- II]

Name of Faculty:	Prof. J. P. Patil	Designation:	Assistant Professor
Subject:	Computer Graphics Lab	Subject Code:	214457 [Sem - II]
Class:	S.E. Information Technology	Marks:	PR: 25, TW: 25
TH/ PR (Hrs/Week):	2 Hrs/Week	Batch:	S1
Credits:	02	Extra Lecture requires:	—

Prc t. No.	Month & Week	Topics to be covered	Tools Used
01	6/01/2025 to 10/01/2025	Install and explore the OpenGL	Projector, CPU, Green board, Chalk, Duster
02	13/01/2025 to 24/01/2025	Implement DDA and Bresenham line drawing algorithm to draw: i) Simple Line ii) Dotted Line iii) Dashed Line iv) Solid line; using mouse interface Divide the screen in four quadrants with center as (0, 0). The line should work for all the slopes positive as well as negative.	Projector, CPU, Green board, Chalk, Duster
03	27/01/2025 to 07/02/2025	Implement Bresenham circle drawing algorithm to draw any object. The object should be displayed in all the quadrants with respect to center and radius.	Projector, CPU, Green board, Chalk, Duster
04	10/02/2025 to 14/02/2025	Implement the following polygon filling methods : i) Flood fill / Seed fill ii) Boundary fill ; using mouse click, keyboard interface and menu driven programming.	Projector, CPU, Green board, Chalk, Duster
05	17/02/2025 to 21/02/2025	Implement Cohen Sutherland polygon clipping method to clip the polygon with respect the viewport and window. Use mouse click, keyboard interface.	Projector, CPU, Green board, Chalk, Duster
06	24/02/2025 to 07/03/2025	Implement following 2D transformations on the object with respect to axis : – i) Scaling ii) Rotation about arbitrary point iii) Reflection	Projector, CPU, Green board, Chalk, Duster
07	10/03/2025 to 21/03/2025	Generate fractal patterns using i) Bezier ii) Koch Curve	Projector, CPU, Green board, Chalk, Duster
08	24/03/2025 to 28/03/2025	Implement animation principles for any object	Projector, CPU, Green board, Chalk, Duster


Mrs. J. P. Patil
Subject In-Charge




Mr. S. B. Patil
Head,
Dept. of Information Technology
Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik

Department of Information Technology

A. Y. 2024 - 25 (Sem-II)

List of Experiments

Subject: Computer Graphics Lab (214457)

Class: SEIT (2019 Course)

Course Outcomes:

On completion of this course student will be able to –

CO1: Apply line & circle drawing algorithms to draw the objects.

CO2: Apply polygon filling methods for the object.

CO3: Apply polygon clipping algorithms for the object.

CO4: Apply the 2D transformations on the object.

CO5: Implement the curve generation algorithms.

CO6: Demonstrate the animation of any object using animation principles.

Sr.No.	Name of Experiment	CO
1	Install and explore the OpenGL	--
2	Implement DDA and Bresenham line drawing algorithm to draw: i) Simple Line ii) Dotted Line iii) Dashed Line iv) Solid line ; using mouse interface Divide the screen in four quadrants with center as (0, 0). The line should work for all the slopes positive as well as negative.	CO1
3	Implement Bresenham circle drawing algorithm to draw any object. The object should be displayed in all the quadrants with respect to center and radius	CO1

4	Implement the following polygon filling methods : i) Flood fill / Seed fill ii) Boundary fill ; using mouse click, keyboard interface and menu driven programming	CO2
5	Implement Cohen Sutherland polygon clipping method to clip the polygon with respect the viewport and window. Use mouse click, keyboard interface	CO3
6	Implement following 2D transformations on the object with respect to axis : i) Scaling ii) Rotation about arbitrary point iii) Reflection	CO4
7	Generate fractal patterns using i) Bezier ii) Koch Curve	CO5
8	Implement animation principles for any object	CO6


Asst. Prof. J. P. Patil
Subject Teacher


Prof. S. B. Patil
Head,
Dept. of Information Technology



BACK

Unit Test (Internal)

Date: 06/02/2025

Department of Electrical Engineering

Notice

All Second, Third & Fourth year students of electrical engineering department are informed that Unit Test-I for academic year 2024-2025(SEM II) is scheduled as follow

Sr. No.	Year	Syllabus	Subjects	Date	Time
1	SE	Unit I and II for all Subject	FMA	10/02/2025	10:00 am to 11:00 am
			PS-I	10/02/2025	01:00 pm to 02:00 pm
			NMCP	11/02/2025	10:00 am to 11:00 am
			EM-I	11/02/2025	01:00 pm to 02:00 pm
			NA	12/02/2025	10:00 am to 11:00 am
2	TE	Unit I and II for all Subject	PS-II	10/02/2025	10:00 am to 11:00 am
			CSE	10/02/2025	01:00 pm to 02:00 pm
			CADEM	11/02/2025	10:00 am to 11:00 am
			EM	11/02/2025	01:00 pm to 02:00 pm
3	BE	Unit I and II for all Subject	AEDC	10/02/2025	10:00 am to 11:00 am
			SGP	10/02/2025	01:00 pm to 02:00 pm
			SG	11/02/2025	10:00 am to 11:00 am
			IE	11/02/2025	01:00 pm to 02:00 pm


Prof. D.D. Gaikwad
 Exam Coordinator




Prof. S.A. Thete
 HOD-Electrical Dept.

Head
 Department of Electrical Engineering
 Institute of Technology, Management & Research
 Nashik.

Date: 06/02/2025

Department of Electrical Engineering

Notice

All teaching faculty of electrical department are here by informed that Unit Test-I for academic year 2024-2025(SEM II) is scheduled as follows. All subject teachers please note supervision scheduled as follows:

Kindly submit Unit test-I question paper to exam co-ordinator on or before 08/02/2025.

Gr. No.	Year	Syllabus	Subjects	Date	Time	Supervision
1	SE	Unit I and II for all Subject	FMA	10/02/2025	10:00 am to 11:00 am	Ms.S.G.Bid
			PS-I	10/02/2025	01:00 pm to 02:00 pm	Mr.M.N.Pa
			NMCP	11/02/2025	10:00 am to 11:00 am	Mr.M.N.Pa
			EM-I	11/02/2025	01:00 pm to 02:00 pm	Mr.R.R.Gh
			NA	12/02/2025	10:00 am to 11:00 am	Mr.R.R.Gh
2	TE	Unit I and II for all Subject	PS-II	10/02/2025	10:00 am to 11:00 am	Mr.D.D.Gaik
			CSE	10/02/2025	01:00 pm to 02:00 pm	Mr.N.B.Sha
			CADEM	11/02/2025	10:00 am to 11:00 am	Ms.N.S.Om
			EM	11/02/2025	01:00 pm to 02:00 pm	Ms.J.G Wa
3	BE	Unit I and II for all Subject	AEDC	10/02/2025	10:00 am to 11:00 am	Mr.D.D.Gaik
			SGP	10/02/2025	01:00 pm to 02:00 pm	Mr.N.B.Sha
			SG	11/02/2025	10:00 am to 11:00 am	Mr.N.S.Om
			IE	11/02/2025	01:00 pm to 02:00 pm	Ms.J.G Wa


Prof.D.D.Gaikwad
Exam Coordinator




Prof.S.A.Thete

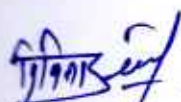
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Department of Electrical Engineering
Institute of Technology, Management & Research
Nashik

Department of Electrical Engineering

Date: 06/02/2025

Seating Arrangement (Unit Test -I)

Sr. No.	Year	Subjects	Date	Time	Class Room	Roll No.
1	SE	FMA	10/02/2025	10:00 am to 11:00 am	134	1-30
					135	31-62
		PS-I	10/02/2025	01:00 pm to 02:00 pm	134	1-30
					135	31-62
		NMCP	11/02/2025	10:00 am to 11:00 am	134	1-30
					135	31-62
		EM-I	11/02/2025	01:00 pm to 02:00 pm	134	1-30
					135	31-62
		NA	12/02/2025	10:00 am to 11:00 am	134	1-30
					135	31-62
2	TE	PS-II	10/02/2025	10:00 am to 11:00 am	134	1-32
		CSE	10/02/2025	01:00 pm to 02:00 pm	134	1-32
		CADEM	11/02/2025	10:00 am to 11:00 am	134	1-32
		EM	11/02/2025	01:00 pm to 02:00 pm	134	1-32
3	BE	AEDC	10/02/2025	10:00 am to 11:00 am	134	1-5
		SGP	10/02/2025	01:00 pm to 02:00 pm	134	1-5
		SG	11/02/2025	10:00 am to 11:00 am	134	1-5
		IE	11/02/2025	01:00 pm to 02:00 pm	134	1-5



Prof. N.S. Omase
Unit Test Coordinator




Prof. S.A. Thete
Head
Department of Electrical Engineering
Institute of Technology, Management & Research
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**Department of Electrical Engg-2024-25(SEM II)
SE Class Attendance Sheet for Unit Test -I**

Roll No.	Name of Students	Attendance sheet					
		Date	10-02-2025	10-02-2025	11-02-2025	11-02-2025	12/2/25
		Subject	FMA	PS-I	NMCP	EM-I	NT
1	AHIRE AKSHAY VILAS		AB	AB	AB	AB	AB
2	AHIRE PRIYANKA SANJAY		AB	AB	AB	AB	AB
3	BADGUJAR DIPAK GIRISH		AB	AB	AB	AB	AB
4	BAHIRAM VAIBHAV VISHNU		AB	AB	AB	AB	AB
5	BONDE ASHISH VINOD		AB	AB	AB	AB	AB
6	BORSE SHUBHAM VIJAY		AB	AB	AB	AB	AB
7	CHAVAN PRATHMESH AMIT		AB	AB	AB	AB	AB
8	DARSHAN AMRUT BHAMARE		AB	AB	AB	AB	AB
9	DEGRE HEMRAJ SAKHARCHAND		AB	AB	AB	AB	AB
10	DESALE CHETAN BHAUSAHEB		AB	AB	AB	AB	AB
11	DESALE CHETAN BHAUSAHEB		AB	AB	AB	AB	AB
12	DHOBAL SIDDHI SANTOSH		AB	AB	AB	AB	AB
13	DHOKALE RAHUL RAJENDRA		AB	AB	AB	AB	AB
14	GAVALI JAYASHREE BHAUSAHEB		AB	AB	AB	AB	AB
15	GOSAVI OM RAJENDRA		AB	AB	AB	AB	AB
16	GUJAR SAHIL SHAILENDRA		AB	AB	AB	AB	AB
17	HIRAY PRANJAL ANIL		AB	AB	AB	AB	AB
18	JADHAV ROHIT YADAVRAO		AB	AB	AB	AB	AB
19	KHARAT ABHISHEK KIRAN		AB	AB	AB	AB	AB
20	KORDE OMKAR SHAMRAO		AB	AB	AB	AB	AB
21	LADHE YASH PRAVIN		AB	AB	AB	AB	AB
22	LAWARE AMAR DNYANESHWAR		AB	AB	AB	AB	AB
23	LOKHANDE MUKUL LAXMIDAS		AB	AB	AB	AB	AB
24	LOLGE SAKSHI RAJENDRA		AB	AB	AB	AB	AB
25	MILIND SUNIL TRIBHUVAN		AB	AB	AB	AB	AB
26	NIKAM ROSHAN SHIVAJI		AB	AB	AB	AB	AB
27	NIKAM YASH DATTATREY		AB	AB	AB	AB	AB
28	OM SANTOSH BORSE		AB	AB	AB	AB	AB
29	PAGAR MAYUR GOKUL		AB	AB	AB	AB	AB
30	PATHARKAR SACHIN RANGNATH		AB	AB	AB	AB	AB
31	PATIL KIRAN ONKAR		AB	AB	AB	AB	AB
32	PATIL SHRAVANI YOGESH		AB	AB	AB	AB	AB
33	PATIL VRUNDA MAHESH		AB	AB	AB	AB	AB
34	PAWAR KAUSTUBH PRATAP		AB	AB	AB	AB	AB

**Department of Electrical Engg-2024-25(SEM II)
TE Attendance Sheet for Unit Test -I**

Roll No.	Name of Students	Attendance sheet			
		Date:-	10-02-2025	10-02-2025	10-02-2025
		Subject:-	PS II	CSE CADEM	CAD EM
1	AAKASH ANNASAHEB JAGTAP		AB	AB	AB
2	AHER KANCHAN SARJERAO		AB	AB	AB
	ANIL SHIVAJI GAYAKE		AB	AB	AB
4	BAGAL VAISHALI NARAYAN		AB	AB	AB
5	BANERAO NILIMA TATYA		AB	AB	AB
6	BHAVAR YASH ARUN		AB	AB	AB
7	BORSE NILESH RAVINDRA		AB	AB	AB
8	GAIDHANI KAVERI VINAYAK		AB	AB	AB
9	GHUGE NIKHIL SURESH		AB	AB	AB
10	GURAV YASH VITTHAL		AB	AB	AB
11	JADHAV DIVYA RAMESH		AB	AB	AB
12	KHAIRNAR MAHENDRA BABULAL		AB	AB	AB
13	MAGARE SHRUTI SUBHASH		AB	AB	AB
14	MATSAGAR SACHIN SAHEBRAO		AB	AB	AB
15	NAGPURE HINDVI PYARELAL		AB	AB	AB
16	PANDE SUDHAKAR ANIL		AB	AB	AB
17	PATIL BHUPESH DIVAKAR		AB	AB	AB
18	PATIL YOGESH SATISH		AB	AB	AB
19	PRATIKSHA PANDHARINATH PATIL		AB	AB	AB
20	SAYALI SANTOSH KHAIRNAR		AB	AB	AB
21	SHASHANK ASHOK LANDGE		AB	AB	AB
22	SHELKE KIRAN SOMNATH		AB	AB	AB
23	SHINDE ROHIT VILAS		AB	AB	AB
24	SHINDE SHEKHAR MACHHINDRA		AB	AB	AB
25	SONAWANE RAJESH POPAT		AB	AB	AB
26	SURAJ SHANTARAM SHEWALE		AB	AB	AB
27	UGALE PRAGATI SHIVAJI		AB	AB	AB
28	VIKHAR SARVESH SANTOSH		AB	AB	AB
29	VIKRAM PRABHAKAR SANAP		AB	AB	AB
30	WAGH DEVESH PRASHANT		AB	AB	AB
31	WARLE LOKESH NAGORAO		AB	AB	AB
32	Rohan Bhausaheb Karate		AB	AB	AB

Mr. D.D. Gaikwad
Exam Coordinator



Mrs. S.A.Theke
HOD (EE)

Head
Department of Electrical Engineering
Institute of Technology, Management & Research
Nashik.



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Department of Electrical Engg-2024-25(SEM II)
BE Attendance Sheet for Unit Test -I

Roll No.	Name of Students	Attendance sheet			
		Date:-	10-02-2025	10-02-2025	11-02-2025
		Subject:-	AEDC	SGP	IE
1	DEORE MAYUR SATISH		<i>[Signature]</i> AB	<i>[Signature]</i> AB	<i>[Signature]</i> AB
2	PATIL AISHWARYA BABAJI		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	SHINDE TANMAY ASHOK				

[Signature]
Mr. D.D. Gaikwad
Exam Cordinator

[Signature]
Mrs. S.A.Thete
HOD (EE)

Head
Department of Electrical Engineering
Institute of Technology, Management & Research
Nashik.





Jawahar Education Society's
Institute of Technology, Management & Research, Nashik
Approved by NICTE and DTE, Government of Maharashtra, Affiliated to University of Pune

Department of Electrical Engineering

Unit Test-1 (SEM -II)

Mark Evaluation Sheet

Second Year (A.Y.-2024-2025)

Sr.N o.	Roll No.	Name of Students	FMA(30) 10-02-2025	PS-I(30) 10-02-2025	NMCP(30) 11-02-2025	EM-I(30) 11-02-2025	NA(30) 12-02-2025
1	1	AHIRE AKSHAY VILAS	17	14	16	18	14
2	2	BADGUJAR DIPAK GIRISH	16	17	15	AB	18
3	3	BAHIRAM VAIBHAV VISHNU	14	16	14	17	16
4	4	BONDE ASHISH VINOD	15	13	12	16	AB
5	5	BORSE SHUBHAM VIJAY	13	15	15	AB	13
6	6	CHAVAN PRATHMESH AMIT	AB	AB	AB	15	AB
7	7	DARSHAN AMRUT BHAMARE	15	16	11	AB	18
8	8	DEORE HEMRAJ SAKHARCHAND	AB	AB	AB	20	AB
9	9	DESALE CHETAN BHAUSAHEB	12	17	16	16	AB
10	10	DHOBAL SIDDHI SANTOSH	14	15	15	14	18
11	11	DHOKALE RAHUL RAJENDRA	13	12	AB	AB	13
12	12	GAVALI JAYASHREE BHAUSAHEB	11	13	11	12	12
13	13	GOSAVI OM RAJENDRA	15	17	14	13	15
14	14	GUJAR SAHIL SHAILENDRA	16	15	15	16	13
15	15	HIRAY PRANJAL ANIL	13	16	10	17	19
16	16	JADHAV ROHIT YADAVRAO	AB	AB	AB	16	AB
17	17	KHARAT ABHISHEK KIRAN	AB	AB	AB	AB	AB
18	18	KORDE OMKAR SHAMRAO	12	15	12	AB	12
19	19	LADHE YASH PRAVIN	14	12	17	15	12
20	20	LAWARE AMAR DNYANESHWAR	14	14	13	12	12
21	21	LOKHANDE MUKUL LAXMIDAS	AB	AB	AB	13	AB
22	22	LOLGE SAKSHI RAJENDRA	13	16	15	11	12
23	23	MILIND SUNIL TRIBHUVAN	AB	17	14	AB	11
24	24	NIKAM ROSHAN SHIVAJI	AB	AB	AB	12	14
25	25	NIKAM YASH DATTATREY	12	14	12	14	13
26	26	OM SANTOSH BORSE	14	15	14	17	11
27	27	PAGAR MAYUR GOKUL	13	17	20	20	20
28	28	PATHARKAR SACHIN RANGNATH	AB	AB	AB	11	AB
29	29	PATIL KIRAN ONKAR	13	12	14	17	12
30	30	PATIL SHRAVANI YOGESH	AB	AB	AB	AB	12
31	31	PATIL VRUNDA MAHESH	AB	AB	AB	14	AB
32	32	PAWAR KAUSTUBH PRATAP	14	13	12	13	15
33	33	PAWAR NISHA MADHUKAR	15	AB	13	AB	16
34	34	PAWAR PRATIK HARI	AB	AB	AB	12	16
35	35	PAWAR YOGITA GORAKH	16	15	12	11	14
36	36	PRANAV MOHAN NAIK	16	16	11	15	18
37	37	PRATHAMESH NARAYAN	15	17	14	16	18
38	38	PRITESH MANGESH CHAVAN	14	15	AB	AB	AB



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Department of Electrical Engineering
Unit Test-I (SEM II)
Mark Evaluation Sheet
Third Year (A.Y.-2024-2025)

Sr.No.	Roll No.	Name of Students	PS II(30)	CADEM(30)	CSE(30)	EM(30)
			10-02-2025	10-02-2025	11-02-2025	11-02-2025
1	1	AAKASH ANNASHEB JAGTAP	16	15	18	17
2	2	AHER KANCHAN SARJERAO	AB	14	AB	AB
3	3	ANIL SHIVAJI GAYAKE	-AB-	AB	AB	AB
4	4	BAGAL VAISHALI NARAYAN	18	17	19	18
5	5	BANERAO NILIMA TATYA	21	20	18	20
6	6	BHAVAR YASH ARUN	-AB-	12	AB	AB
7	7	BORSE NILESH RAVINDRA	-AB-	AB	AB	AB
8	8	GAIDHANI KAVERI VINAYAK	-AB-	AB	AB	AB
9	9	GHUGE NIKHIL SURESH	-AB-	AB	AB	AB
10	10	GURAV YASH VITTHAL	-AB-	AB	AB	21
11	11	JADHAV DIVYA RAMESH	21	20	22	22
12	12	KHAIRNAR MAHENDRA BABULAL	19	18	AB	AB
13	13	MAGARE SHRUTI SUBHASH	18	19	17	18
14	14	MATSAGAR SACHIN SAHEBRAO	22	23	19	AB
15	15	NAGPURE HINDVI PYARELAL	21	24	22	17
16	16	PANDE SUDHAKAR ANIL	-AB-	AB	AB	AB
17	17	PATIL BHUPESH DIVAKAR	-AB-	AB	AB	AB
18	18	PATIL YOGESH SATISH	-AB-	AB	AB	AB
19	19	PRATIKSHA PANDHARINATH PATIL	21	22	23	22
20	20	SAYALI SANTOSH KHAIRNAR	18	11	20	20
21	21	SHASHANK ASHOK LANDGE	17	15	20	21
22	22	SHELKE KITRAN SOMNATH	AB	11	AB	24
23	23	SHINDE ROHIT VILAS	18	17	17	18
24	24	SHINDE SHEKHAR MACHHINDRA	AB	AB	AB	AB
25	25	SONAWANE RAJESH POPAT	AB	AB	AB	AB
26	26	SURAJ SHANTARAM SHEWALE	14	11	15	17
27	27	UGALE PRAGATI SHIVAJI	23	26	25	19
28	28	VIKHAR SARVESH SANTOSH	19	18	18	20
29	29	VIKRAM PRABHAKAR SANAP	18	17	19	21
30	30	WAGH DEVESH PRASHANT	AB	AB	AB	AB
31	31	WARLE LOKESH NAGORAO	17	15	20	22
32	32	ROHAN KARATE	18	16	21	18

Prof. N. S. Omase
Unit Test Incharge



Prof. S. A. Thete
Head of Department

Department of Electrical Engineering
Institute of Technology, Management & Research
Nashik



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Department of Electrical Engineering
Unit Test-I (SEM II)
Mark Evaluation Sheet
Final Year (A.Y.-2024-2025)

Sr.No.	Roll No.	Name of Students	AEDC(30)	SGP(30)	IE(30)	SG(30)
			10-02-2025	10-02-2025	11-02-2025	11-02-2025
1	1	DEORE MAYUR SATISH	20	16	19	21
2	2	PATIL AISHWARYA BABAJI	<u>AB</u>	<u>AB</u>	<u>AB</u>	<u>AB</u>
3	3	SHINDE TANMAY ASHOK	22	14	20	23


Prof. N. S. Omase
Unit Test Incharge




Prof. S. A. Thete
Head of Department
Department of Electrical Engineering
Institute of Technology, Management & Research,
Nashik.

Date: 06/02/2025

Department of Information Technology

AC/DI/08/A Notice

All the students of Second and Third Year of Information Technology are hereby informed that your Class Test-I is scheduled as follows:

Year	Syllabus	Subjects	Date	Time
SE	Unit I & Unit II for all Subject	M-III	11/02/2025	2.00 pm to 3.00 pm
		PA	12/02/2025	10:00 am to 11:00 am
		DBMS	12/02/2025	12:10 pm to 1:10 pm
		CG	14/02/2025	10:00 am to 11:00 am
		SE	14/02/2025	12:10 pm to 1:10 pm

Year	Syllabus	Subjects	Date	Time
TE	Unit I & Unit II for all Subject	CNS	12/02/2025	10:00 am to 11:00 am
		DSBDA	12/02/2025	12:10 pm to 1:10 pm
		WAD	14/02/2025	10:00 am to 11:00 am
		SMD	14/02/2025	12:10 pm to 1:10 pm


Dr. Sonal Borase
Class Test Coordinator




Mr. S. B. Patil
Head
Dept. of Information Technology

Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik

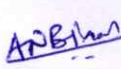
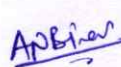
Date: 06/02/2025

Department of Information Technology

AC/DI/08/B Supervision Chart

A.Y. 2024-25 Sem- II

All the staff members of department of Information Technology are hereby informed that Class Test-1 Supervision duties are assigned as follows:

Subjects		Date	Time	Seating Arrangement - Classroom	Supervisor	Sign
SE	TE					
M-III	—	11/02/2025	2.00 pm to 3.00 pm	121 - SE Roll No.1 to 30	Ms. D. D. Survase	
				122 -SE Roll No.31 to 60 007-SE Roll No. 61 to 71	Ms. A. D. Patil	
PA	CNS	12/02/2025	10:00 am to 11:00 am	121 - SE Roll No.1 to 30 TE Roll No. 1 to 20	Ms. A. D. Patil	
				122 -SE Roll No.31 to 60 TE Roll No. 21 to 41 007-SE Roll No. 61 to 71	Mrs. J. P. Patil	
DBMS	DSBDA	12/02/2025	12:10 pm to 1:10 pm	121 - SE Roll No.1 to 30 TE Roll No. 1 to 20	Ms. A. D. Patil	
				122 -SE Roll No.31 to 60 TE Roll No. 21 to 41 007-SE Roll No. 61 to 71	Dr. S.Y. Borase	
CG	WAD	14/02/2025	10:00 am to 11:00 am	121 - SE Roll No.1 to 30 TE Roll No. 1 to 20	Mrs. A. N. Birari	
				122 -SE Roll No.31 to 60 TE Roll No. 21 to 41 007-SE Roll No. 61 to 71	Dr. S.Y. Borase	
SE	SMD	14/02/2025	12:10 pm to 1:10 pm	121 - SE Roll No.1 to 30 TE Roll No. 1 to 20	Ms. D. D. Survase	
				122 -SE Roll No.31 to 60 TE Roll No. 21 to 41 007-SE Roll No. 61 to 71	Mrs. A. N. Birari	


Dr. Sonal Borase
Class Test Coordinator




Mr. S. B. Patil
Head,

Dept. of Information Technology

Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik



(Accredited by NAAC)

Jawahar Education Society's,
**INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH, NASHIK.**

(Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to Savitribai Phule Pune University)

Department of Information Technology

**AC/DI/08/C Seating Arrangement
Class/Unit Test – I**

Academic Year : 2024-25

**Semester : II
Date: 06/02/2025**

Following is the seating arrangement for Class Test – I:

● **SE, TE IT :-**

Sr. No.	Date	Time	Class	Subject	Classroom	Roll No.
1	11/02/2025	2.00 pm to 3.00 pm	SE	M-III	121	1 to 30
					122	31 to 60
					007	61 to 71
2	12/02/2025	10:00 am to 11:00 am	SE	PA	121	1 to 30
			TE	CNS	121	1 to 20
			SE	PA	122	31 to 60
			TE	CNS	122	21 to 41
			SE	PA	007	61 to 71
3	12/02/2025	12:10 pm to 1:10 pm	SE	DBMS	121	1 to 30
			TE	DSBDA	121	1 to 20
			SE	DBMS	122	31 to 60
			TE	DSBDA	122	21 to 41
			SE	DBMS	007	61 to 71
4	14/02/2025	10:00 am to 11:00 am	SE	CG	121	1 to 30
			TE	WAD	121	1 to 20
			SE	CG	122	31 to 60
			TE	WAD	122	21 to 41
			SE	CG	007	61 to 71
5	14/02/2025	12:10 pm to 1:10 pm	SE	SE	121	1 to 30
			TE	SMD	121	1 to 20
			SE	SE	122	31 to 60
			TE	SMD	122	21 to 41
			SE	SE	007	61 to 71


Dr. Sonal Borase
Class Co-ordinator




Mr. S. B. Patil
Head,
(Dept. of Information Technology)
Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik

AC/DI/08/D**Department : Information Technology**

Academic Year : 2024-25 (Semester II)

Mock In-Sem Exam

Class : T.E. Marks : 50

Date: 12/02/2025

Time : 12:10 pm to 01:10 pm

Duration : 1 Hr.

Course : Data Science and Big Data Analytics (314452)**Instructions:**

1. Mock In Sem Exam based on 1,2 Units
2. Draw neat and clean diagram
3. Assume suitable data if necessary

CO	BLOOM S Level (1-6)	QN	Questions	Marks	Unit No.	Marking Scheme
1	4	Q 1 A)	Explain 5 V's of Big Data.	7	1	Explain 7 Marks
1	2	Q 1 B)	Draw and Explain DIKW Pyramid	8	1	Diag- 2 Marks, Explain -6 Marks
OR						
1	2	Q 2 A)	What is data warehouse? Explain design & architecture of data warehouse?	7	1	Diagram: 2, Explanation : 5
1	2	Q 2 B)	Explain shared everything & shared nothing architecture in detail	8	1	Diagram: 2, Explanation : 6
2	4	Q 3 A)	Write short note on ANOVA.	7	2	Explain 7 Marks
2	5	Q 3 B)	With an example , explain mean of the dataset	8	2	Example- 4 Marks, Explain - 4 Marks
OR						
2	2	Q 4 A)	Explain Markov Process.	7	2	Exolpination: 3 Marks Example - 4 Marks
2	5	Q 4 B)	Write short note on random walk	8	2	Diagram: 2 Marks, Explanation - 6 Marks

CO	Course Outcome
CO1	Understand Big Data primitives.
CO2	Learn and apply different mathematical models for Big Data.



Department of Information Technology

AC/DI/08/E

A.Y.2024-25 SEM – II

Class Test – I Attendance Report

Class: SE IT

Sr.No.	Name of Student	Date	11/02/2025	12/02/2025	12/02/2025	14/02/2025	14/02/2025
		Subject	M III	PA	DBMS	CG	SE
1	Ahire Pranjal Sahebrao		<u>Pr</u>	<u>Pr</u>	<u>Pr</u>	<u>Pr</u>	<u>Pr</u>
2	Ahirrao Stutika Dattu		<u>Stutika</u>	<u>Stutika</u>	<u>Stutika</u>	<u>Stutika</u>	<u>Stutika</u>
3	Avhad Atharv Dashrath		<u>Athad</u>	<u>Athad</u>	<u>Athad</u>	<u>Athad</u>	<u>Athad</u>
4	Avhad Vishal Kailas		<u>Vishal</u>	<u>Vishal</u>	<u>Vishal</u>	<u>Vishal</u>	<u>Vishal</u>
5	Balak Atharva Dyaneshwar		<u>Balak</u>	<u>Balak</u>	<u>Balak</u>	<u>Balak</u>	<u>Balak</u>
6	Bhavar Minakshi Sunil		<u>Minakshi</u>	<u>Minakshi</u>	<u>Minakshi</u>	<u>Minakshi</u>	<u>Minakshi</u>
7	Bhavath Prapti Manohar		<u>Prapti</u>	<u>Prapti</u>	<u>Prapti</u>	<u>Prapti</u>	<u>Prapti</u>
8	Bhavsar Mansi Nitin		<u>Mhansar</u>	<u>Mhansar</u>	<u>Mhansar</u>	<u>Mhansar</u>	<u>Mhansar</u>
9	Bhirud Darshan Sanjay		<u>Darshan</u>	<u>Darshan</u>	<u>Darshan</u>	<u>Darshan</u>	<u>Darshan</u>
10	Borhade Neha Madhav		<u>Neha</u>	<u>Neha</u>	<u>Neha</u>	<u>Neha</u>	<u>Neha</u>
11	Borse Kartik Bandu		<u>Kartik</u>	<u>Kartik</u>	<u>Kartik</u>	<u>Kartik</u>	<u>Kartik</u>
12	Bramhankar Shravani Jitendra		<u>Shravani</u>	<u>Shravani</u>	<u>Shravani</u>	<u>Shravani</u>	<u>Shravani</u>
13	Chand Ashutosh Murl		<u>Ashutosh</u>	<u>Ashutosh</u>	<u>Ashutosh</u>	<u>Ashutosh</u>	<u>Ashutosh</u>
14	Chaudhari Tanmai Sandip		<u>Tanmai</u>	<u>Tanmai</u>	<u>Tanmai</u>	<u>Tanmai</u>	<u>Tanmai</u>
15	Chavan Dinesh Rmeshwar		<u>Dinesh</u>	<u>Dinesh</u>	<u>Dinesh</u>	<u>Dinesh</u>	<u>Dinesh</u>
16	Dale Dakornath Tushar		<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>	<u>Tushar</u>
17	Deore Janhavi Avinash		<u>Janhavi</u>	<u>Janhavi</u>	<u>Janhavi</u>	<u>Janhavi</u>	<u>Janhavi</u>
18	Dewassi Narayan Veeraram		<u>Narayan</u>	<u>Narayan</u>	<u>Narayan</u>	<u>Narayan</u>	<u>Narayan</u>
19	Dhondage Rohit Karbhari		<u>Rohit</u>	<u>Rohit</u>	<u>Rohit</u>	<u>Rohit</u>	<u>Rohit</u>
20	Dhondge Vaibhav Yuvraj		<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>
21	Dhone Vaibhav Shankar		<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>	<u>Vaibhav</u>
22	Gosavi Sanket Rajendra		<u>Sanket</u>	<u>Sanket</u>	<u>Sanket</u>	<u>Sanket</u>	<u>Sanket</u>

Sr.No.	Name of Student	Date	11/02/2025	12/02/2025	12/02/2025	14/02/2025	14/02/2025
		Subject	M III	PA	DBMS	CG	SE
23	Jagtap Tejaswini Lahu		<u>Jy</u>	<u>Jy</u>	<u>Jy</u>	<u>Jy</u>	<u>Jy</u>
24	Jagdale Vaishnavi Pankaj		<u>Vadale</u>	<u>Vadale</u>	<u>Vagabp</u>	<u>Vagdale</u>	<u>Vadale</u>
25	Kanchan Nilesh Bhamare		<u>Kanuu</u>	<u>Kanuu</u>	<u>Kanuu</u>	<u>Kanuu</u>	<u>Kanuu</u>
26	Katare Kanchan Macchindra		<u>Kancha</u>	<u>Kandaa</u>	<u>Kanchu</u>	<u>Kanchu</u>	<u>Kanue</u>
27	Khairnar Nirnay Suresh		<u>Khu</u>	<u>Khu</u>	<u>Ku</u>	<u>Khu</u>	<u>Khu</u>
28	Mali Durgesh Ravindra		<u>Kemali</u>	<u>Kemali</u>	<u>Kemali</u>	<u>Kemali</u>	<u>Kemali</u>
29	Mali Kuldeep Vithoba		<u>Mkai</u>	<u>Mkai</u>	<u>Mkai</u>	<u>Mkai</u>	<u>Mkai</u>
30	Matsagar Priti Ganesh		<u>Prtyz</u>	<u>Prtyz</u>	<u>Prtyz</u>	<u>Prtyz</u>	<u>Prtyz</u>
31	More Sanskruti Rajendra		<u>Smay</u>	<u>Smay</u>	<u>Smay</u>	<u>Smay</u>	<u>Smay</u>
32	Om Dnyaneshwar Nathe		<u>Om</u>	<u>Om</u>	<u>Om</u>	<u>Om</u>	<u>Om</u>
33	Ozarkar Dhroova Sunil		<u>Oz</u>	<u>Oz</u>	<u>Oz</u>	<u>Oz</u>	<u>Oz</u>
34	Pagare Nikita Rajendra		<u>Pure</u>	<u>Purea</u>	<u>Pure</u>	<u>Purea</u>	<u>Purea</u>
35	Patil Aditya Vijay		<u>Paditya</u>	<u>Paditya</u>	<u>Paditya</u>	<u>Paditya</u>	<u>Paditya</u>
36	Patil Deep Manohar		<u>Dmpahil</u>	<u>Dmpahil</u>	<u>Dmpahil</u>	<u>Dmpahil</u>	<u>Dmpahil</u>
37	Patil Hemangi Himmatrao		<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
38	Patil Janhavi Kewal		<u>Jat</u>	<u>Jat</u>	<u>Jat</u>	<u>Jat</u>	<u>Jat</u>
39	Patil Nandini Dharendra		<u>Nandini</u>	<u>Nandini</u>	<u>Nandini</u>	<u>Nandini</u>	<u>Nandini</u>
40	Pawar Khushal Vilas		<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>
41	Pawar Sakshi Dasharath		<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>
42	Pawar Sanket Rajendra		<u>Sanket</u>	<u>Sanket</u>	<u>Sanket</u>	<u>Sanket</u>	<u>Sanket</u>
43	Pendhare Mahesh Dhanraj		<u>PMD</u>	<u>PMD</u>	<u>PMD</u>	<u>PMD</u>	<u>PMD</u>
44	Pimpale Vishu Sunil		<u>Vhu</u>	<u>Vhu</u>	<u>Vhu</u>	<u>Vhu</u>	<u>Vhu</u>
45	Ramayane Harshad Raju		<u>Harshad</u>	<u>Harshad</u>	<u>Harshad</u>	<u>Harshad</u>	<u>Harshad</u>
46	Rathod Vaishali Ramesh		<u>Ratol</u>	<u>Ratol</u>	<u>Ratol</u>	<u>Ratol</u>	<u>Ratol</u>
47	Roshani Bhausaheb Bhosale		<u>Roshani</u>	<u>Roshani</u>	<u>Roshani</u>	<u>Roshani</u>	<u>Roshani</u>
48	Sapkal Vishal Annasaheb		<u>SNA</u>	<u>SNA</u>	<u>SNA</u>	<u>SNA</u>	<u>SNA</u>
49	Shaikh Tanveer Zafar		<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>	<u>Shaikh</u>
50	Shelar Yash Manoj		<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>
51	Shewale Yash Sanjay		<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>	<u>Yash</u>
52	Shimpi Vishalkumar T.		<u>Shimpi</u>	<u>Shimpi</u>	<u>Shimpi</u>	<u>Shimpi</u>	<u>Shimpi</u>
53	Shinde Kirti Vikram		<u>Kirti</u>	<u>Kirti</u>	<u>Kirti</u>	<u>Kirti</u>	<u>Kirti</u>

Sr.No.	Name of Student	Date	11/02/2025	12/02/2025	12/02/2025	14/02/2025	14/02/2025
		Subject	M III	PA	DBMS	CG	SE
54	Shirsath Rohit Sunil		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
55	Solanke Dnyaneshwar Komal		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
56	Solanke Shraddha Gajanan		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
57	Sonawane Ganesh Pramod		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
58	Sonawane Nilesh Ravindra		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
59	Sonkamble Ashish Laxman		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
60	Sukenkar Aarya Navnath		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
61	Suryavanshi Lavkesh Jitendra		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
62	Thorat Prem Sanjay		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
63	Umap Pallavi Satish		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
64	Wagh Tejaswini Bhaskar		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
65	Waghmare Manasi Murlidhar		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
66	Waidande Shravani Ramesh		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
67	Wani Aniket Shyamkant		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
68	Wankhade Nikhil Raju		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
69	Wendole Prathmesh Vijay		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
70	Yash Shashikant Motkari		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
71	Yeshi Omkar Kishor		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

[Signature]
Dr. Sonal Borase
 Class Test Coordinator

[Signature]
Mr. S. B. Patil
 Head
 (Dept. of Information Technology)

Head
 Department of Information Technology
 Institute of Technology, Management
 and Research, Nashik





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Department of Information Technology

A.Y.2024-25 SEM – II

Class Test - I Attendance Report

Class: TE IT

Sr.No.	Name of Student	Date	11/02/2025	12/02/2025	12/02/2025	14/02/2025
		Subject	CNS	DSBDA	WAD	SMD
1	Bhalerao Perna Vijay		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2	Bharambe Pushpak C.		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3	Borse Pranjal Kailas		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4	Deokar Yash Suresh		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5	Deshpande Swarali N.		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
6	Gaikar Vaishnavi Narayan		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
7	Gaikwad Siddhesh R.		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
8	Gangurde Sakshi Hemant		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
9	Gangurde Yash Satish		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
10	Gunjal Mrunal Madan		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
11	Jadhav Anushka Dinesh		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
12	Jadhav Gauri Raju		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
13	Kahane Siddharth Manoj		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
14	Kanawade Arnav Jaysing		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
15	Kawade Jayashree B.		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
16	Kekane Sameer Sopan		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
17	Khairnar Tushar Dilip		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
18	Kshatriya Mohanish R.		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
19	Kshirsagar Srushti Sharad		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

20	Mahale Saurav N.	<u>Dr</u>	<u>Dr</u>	<u>Dr</u>	<u>Dr</u>
21	Marathe Girish Devidas	<u>Emrah</u>	<u>Emrah</u>	<u>Emrah</u>	<u>Emrah</u>
22	Pagar Harshal Sanjay	<u>Pagar</u>	<u>Pagar</u>	<u>Pagar</u>	<u>Pagar</u>
23	Pandit Ashwajeet Shivaji	<u>Nawil</u>	<u>Nawil</u>	<u>Nawil</u>	<u>Nawil</u>
24	Patil Abhay Ramesh	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>	<u>Patil</u>
25	Pawar Darshan Sunil	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>	<u>Pawar</u>
26	Pehere Omkar Vijay	<u>Pehere</u>	<u>Pehere</u>	<u>Pehere</u>	<u>Pehere</u>
27	Potinde Suprabha Prakash	<u>Potinde</u>	<u>Potinde</u>	<u>Potinde</u>	<u>Potinde</u>
28	Ray Priya Rajmangal	<u>Ray</u>	<u>Ray</u>	<u>Ray</u>	<u>Ray</u>
29	Sabale Anushka Bansilal	<u>Sabale</u>	<u>Sabale</u>	<u>Sabale</u>	<u>Sabale</u>
30	Salve Vishal Bhausaheb	<u>Salve</u>	<u>Salve</u>	<u>Salve</u>	<u>Salve</u>
31	Shinde Srushti Dada	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
32	Shinde Viraj Rameshwar	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>	<u>Shinde</u>
33	Shirsath Vishal Amar	<u>Shirsath</u>	<u>Shirsath</u>	<u>Shirsath</u>	<u>Shirsath</u>
34	Somwanshi Purvesh S.	<u>Somwanshi</u>	<u>Somwanshi</u>	<u>Somwanshi</u>	<u>Somwanshi</u>
35	Sonawane Shivani Vijay	<u>Sonawane</u>	<u>Sonawane</u>	<u>Sonawane</u>	<u>Sonawane</u>
36	Susar Tushar Ashok	<u>Susar</u>	<u>Susar</u>	<u>Susar</u>	<u>Susar</u>
37	Tamkhane Tushar Satish	<u>Tamkhane</u>	<u>Tamkhane</u>	<u>Tamkhane</u>	<u>Tamkhane</u>
38	Tidame Sakshi Devchand	<u>Tidame</u>	<u>Tidame</u>	<u>Tidame</u>	<u>Tidame</u>
39	Vadnerkar Mohit Manoj	<u>Vadnerkar</u>	<u>Vadnerkar</u>	<u>Vadnerkar</u>	<u>Vadnerkar</u>
40	Khairnar Kalpesh Punaji	<u>Khairnar</u>	<u>Khairnar</u>	<u>Khairnar</u>	<u>Khairnar</u>
41	Sonar Vedant Rohit	<u>Sonar</u>	<u>Sonar</u>	<u>Sonar</u>	<u>Sonar</u>

Dr. Sonal Borase
Class Co-ordinator



Mr. S. B. Patil
Head
(Dept. of Information Technology)
Head
Department of Information Technology
Institute of Technology, Management
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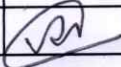
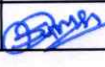
Department of Information Technology

SE Class Test-I Marks List

A.Y. 2024-25 [Sem - II]

Roll No.	Name of Student	M-III	PA	DBMS	CG	SE
1	Ahire Pranjal Sahebrao	20	21	20	19	18
2	Ahirrao Stutika Dattu	22	21	21	17	19
3	Avhad Atharv Dashrath	24	22	18	23	21
4	Avhad Vishal Kailas	12	13	16	15	19
5	Balak Atharva Dyaneshwar	15	14	15	13	16
6	Bhavar Minakshi Sunil	22	18	20	21	20
7	Bhavnath Prapti Manohar	17	16	22	21	21
8	Bhavsar Mansi Nitin	14	15	24	22	18
9	Bhirud Darshan Sanjay	22	24	18	17	16
10	Borhade Neha Madhav	25	26	15	14	15
11	Borse Kartik Bandu	17	16	18	22	24
12	Bramhankar Shravani Jitendra	14	15	19	25	26
13	Chand Ashutosh Murli	22	18	20	21	20
14	Chaudhari Tanmai Sandip	17	16	22	21	21
15	Chavan Dinesh Rmeshwar	20	21	20	22	18
16	Dale Dakornath Tushar	22	21	21	17	16
17	Deore Janhavi Avinash	24	22	18	14	15
18	Dewassi Narayan Veeraram	18	17	16	22	24
19	Dhondage Rohit Karbhari	15	14	15	25	26
20	Dhondge Vaibhav Yuvraj	20	21	20	17	16
21	Dhone Vaibhav Shankar	22	21	21	27	15
22	Gosavi Sanket Rajendra	18	17	16	16	18
23	Jagtap Tejaswini Lahu	22	18	20	21	20
24	Jagdale Vaishnavi Pankaj	17	16	22	21	21
25	Kanchan Nilesh Bhamare	14	15	24	22	18
26	Katare Kanchan Macchindra	22	24	18	17	16
27	Khairnar Nirnay Suresh	22	18	20	21	20

Roll No.	Name of Student	M-III	PA	DBMS	CG	SE
28	Mali Durgesh Ravindra	17	16	22	21	21
29	Mali Kuldip Vithoba	18	17	16	15	19
30	Matsagar Priti Ganesh	20	21	20	19	16
31	More Sanskruti Rajendra	22	21	21	25	15
32	Om Dnyaneshwar Nathe	10	10	18	23	24
33	Ozarkar Dhroova Sunil	15	16	16	15	17
34	Pagare Nikita Rajendra	20	21	20	19	16
35	Patil Aditya Vijay	22	21	21	18	15
36	Patil Deep Manohar	10	12	18	23	24
37	Patil Hemangi Himmatrao	18	17	16	15	26
38	Patil Janhavi Kewal	15	14	15	22	16
39	Patil Nandini Dhirendra	22	18	20	21	19
40	Pawar Khushal Vilas	17	16	22	21	17
41	Pawar Sakshi Dasharath	22	24	18	17	16
42	Pawar Sanket Rajendra	15	16	15	19	21
43	Pendhare Mahesh Dhanraj	24	15	13	16	18
44	Pimpale Vishu Sunil	26	20	21	20	16
45	Ramayane Harshad Raju	16	22	21	21	20
46	Rathod Vaishali Ramesh	19	24	22	21	21
47	Roshani Bhausaheb Bhosale	22	18	17	16	21
48	Sapkal Vishal Annasaheb	21	15	14	15	18
49	Shaikh Tanveer Zafar	19	18	22	21	20
50	Shelar Yash Manoj	22	21	21	18	15
51	Shewale Yash Sanjay	24	22	18	23	24
52	Shimpi Vishalkumar T.	18	17	16	15	26
53	Shinde Kirti Vikram	15	14	15	13	16
54	Shirsath Rohit Sunil	18	20	21	24	22
55	Solanke Dnyaneshwar Komal	16	22	21	18	17
56	Solanke Shraddha Gajanan	15	24	22	15	14
57	Sonawane Ganesh Pramod	24	18	17	22	18
58	Sonawane Nilesh Ravindra	26	15	14	17	16
59	Sonkamble Ashish Laxman	15	16	16	15	17
60	Sukenkar Aarya Navnath	17	16	15	20	21
61	Suryavanshi Lavkesh Jitendra	14	15	13	22	21

Roll No.	Name of Student	M-III	PA	DBMS	CG	SE
62	Thorat Prem Sanjay	18	20	21	24	22
63	Umap Pallavi Satish	16	22	21	18	17
64	Wagh Tejaswini Bhaskar	15	24	22	15	14
65	Waghmare Manasi Murlidhar	24	18	17	22	18
66	Waidande Shravani Ramesh	26	15	14	17	16
67	Wani Aniket Shyamkant	16	18	22	22	21
68	Wankhade Nikhil Raju	14	15	13	22	21
69	Wendole Prathmesh Vijay	18	20	21	24	22
70	Yash Shashikant Motkari	16	22	21	18	17
71	Yeshi Omkar Kishor	15	16	16	15	17
Subject Teacher Sign						


Ms. D. D. Survase
 Class Co-ordinator


Mr. S. B. Patil
 HOD
 (Dept. of Information Technology)




Department of Information Technology
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Department of Information Technology

TE Class Test-I Marks List

A.Y. 2024-25 [Sem - II]

Roll No.	Name of Student	CNS	DSBDA	WAD	EL-II (SMD)
1	Bhalerao Prerna Vijay	18	20	21	20
2	Bharambe Pushpak C.	12	10	12	12
3	Borse Pranjali Kailas	21	20	29	20
4	Deokar Yash Suresh	21	21	17	16
5	Deshpande Swarali N.	22	18	14	18
6	Gaikar Vaishnavi Narayan	17	16	22	20
7	Gaikwad Siddhesh R.	14	15	25	26
8	Gangurde Sakshi Hemant	21	20	23	16
9	Gangurde Yash Satish	21	21	14	15
10	Gunjal Mrunal Madan	17	16	16	18
11	Jadhav Anushka Dinesh	22	24	18	19
12	Jadhav Gauri Raju	22	18	20	26
13	Kahane Siddharth Manoj	10	16	22	21
14	Kanawade Arnav Jaysing	20	21	20	19
15	Kawade Jayashree B.	22	21	21	18
16	Kekane Sameer Sopan	24	22	18	23
17	Khairnar Tushar Dilip	18	17	16	15
18	Kshatriya Mohanish R.	15	14	15	13
19	Kshirsagar Srushti Sharad	22	18	20	21
20	Mahale Saurav N.	17	16	22	21
21	Marathe Girish Devidas	14	15	24	22
22	Pagar Harshal Sanjay	20	21	20	19
23	Pandit Ashwajeet Shivaji	22	21	14	18
24	Patil Abhay Ramesh	24	22	18	23
25	Pawar Darshan Sunil	12	10	12	10
26	Pehere Omkar Vijay	16	22	21	21
27	Potinde Suprabha Prakash	19	24	22	18
28	Ray Priya Rajmangal	22	18	17	16

Roll No.	Name of Student	CNS	DSBDA	WAD	EL-II (SMD)
29	Sabale Anushka Bansilal	18	22	24	20
30	Salve Vishal Bhausaheb	21	21	18	9
31	Shinde Srushti Dada	22	18	23	24
32	Shinde Viraj Rameshwar	24	18	17	22
33	Shirsath Vishal Amar	26	15	14	17
34	Somwanshi Purvesh S.	22	22	21	20
35	Sonawane Shivani Vijay	22	22	24	25
36	Susar Tushar Ashok	21	24	22	24
37	Tamkhane Tushar Satish	21	18	17	18
38	Tidame Sakshi Devchand	20	21	24	22
39	Vadnerkar Mohit Manoj	22	21	18	17
40	Khairnar Kalpesh Punaji	24	22	15	14
41	Sonar Vedant Rohit	18	17	22	18
Subject Teacher Sign					


Dr. S. Y. Borase
 Class Co-ordinator


Mr. S. B. Patil
 HOD
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Head
 Department of Information Technology
 Institute of Technology, Management
 and Research, Nashik

Department : Information Technology

Academic Year : 2024-25 (Semester I)

Class Test -1 (Mock In-Sem Exam)

Class : T.E.

Marks : 30

Date: 22/08/2024

Time : 01:00 pm to 02:00 pm

Duration : 1 Hr.

Course : Advanced Database Management System - (214444)**Instructions:**

1. Mock In Sem Exam based on 1,2 Units
2. Draw neat and clean diagram
3. Assume suitable data if necessary

CO	BLO OMS	QN	Questions	Ma rks	Uni t	Marking Scheme
1	1	Q 1 A)	Compare Relational and Object Oriented databases.	7	1	Any 7 suitable differences -8M
1	4	Q 1 B)	What is OID? Explain properties of OID.	8	1	OID Definition with example: 3M, Properties: 5M
OR						
1	1	Q 2 A)	Explain referential and domain integrity constraint with suitable example.	7	1	Referential integrity constraint :3.5M, and domain integrity constraint:3.5M
1	1	Q 2 B)	Explain database schema with suitable example.	8		D/B Schema: 4 M, example: 4 M
2	2	Q 3 A)	Explain Shared Memory and Shared Disk Parallel Database Architectures.	7	2	Explain Shared Memory: 3.5M, Shared Disk Parallel Database
2	2	Q 3 B)	Explain Fragmentation and Replication.	8	2	Fragmentation: 4M and Replication:4M
OR						
2	2	Q 4 A)	Explain types of Distributed database management system architectures.	7	2	List : 1M,Each type:2M
2	4	Q 4 B)	Explain Distributed Transaction Processing.	8	2	Explanation: 8M

CO	Course Outcome
CO1	Differentiate relational and object-oriented databases.
CO2	Illustrate parallel & distributed database architectures.



In -Semester Examination

Name : Shivani vijay sonawane Subject : ADDBMS

Year : FE/SE/TE/BE Semester : I/II Roll No./Seat No.:- 15

Seat No. in words : fifteen

Exam Centre Code :- _____ Date :- 22/8/24 Signature of Students S.V. Sonawane

No. of supplements : Main Answer book + 0 = 1 Jr. Supervisor Signature [Signature]

Que. No.	1(a)	1(b)	3(a)	3(b)	5	6	7	8	9	10	Total	Sign. of Evaluator
Marks Obtained	07	07	07	08							24/30	[Signature]

Que. No.	1	2	3	4	5	6	7	8	9	10	Total	Sign. of Evaluator
Marks Obtained												

("Start Writing From Here")

Q. No.	Object oriented database	Relational Database
1) maturity	Relatively old so mature	very old hence very mature
2) End of use to end user.	Easy and Enables to access to end user	ok for developers. SQL is access to end users
3) performance	Poor	very good.
4) supported Language	object oriented query Language SQL	Structured query language. (SQL)
5) system used	ODMG - 2.0	SQL-2

	Yes	No.
6) support to user of object oriented language		
7) Advantages	i) code Reusability ii) less coding	i) SQL dependencies ii) simple optimizer
8) Disadvantages	low performance because of complex optimization Not Scalable - limited Problem.	hard to handle complex applications
<u>07</u>		

b) OI.D.

i) In object oriented system, each object is assigned to object Identifier (OID) when it is created.

ii) Properties of OI.D.

there are 7 Properties of (OID)
Object Identifier. are given as below.

i) Uniqueness :- The uniqueness is system-wide.

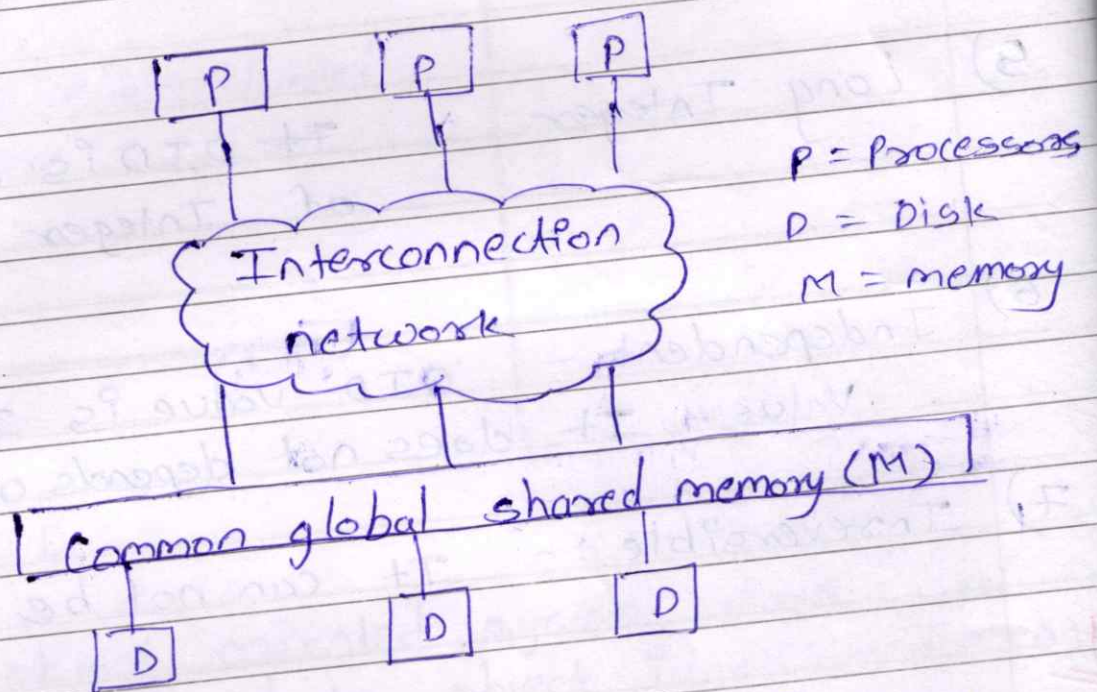
- 2) System generated :- It Automatic system generated. It OID cannot be manually generated.
- 3) Invariant :- once OID is generated for object, It cannot be assigned to same OID to other object.
- 4) Immutable :- Object Identifier once generated it can not be change in entire life.
- 5) Long Integer. - It OID is Long type of Integer.
- 6) Independent - OID value is Independent Value. It does not depends on anyone.
- 7) Irreversible :- It can not be reversible

or

Q 3 a) A) shared Memory.

i) multiple CPUs are attached to common global shared memory via intercommunication network or common bus.

ii) following figure shows architecture of shared memory.



shared memory architecture

iii) shared memory Architecture have large amount of coherent memory. if there is ^{resource} share memory is not divided & where it is possible.

iv) moreover, coherent is each memory is coherent. memory of processor should be updated.

v) Advantages.

- a) Efficient communication between Processors.
- b) Data can be send from one Processor to other Process without moving from location.

vi) Disadvantages

- a) Limited bandwidth.
- b) Not beyond 32 or 64 Processors.

b) Shared Disk.

i) multiple Processors are accessible / access to all disk via inter communication bus

ii) but Each Processors have local memory.

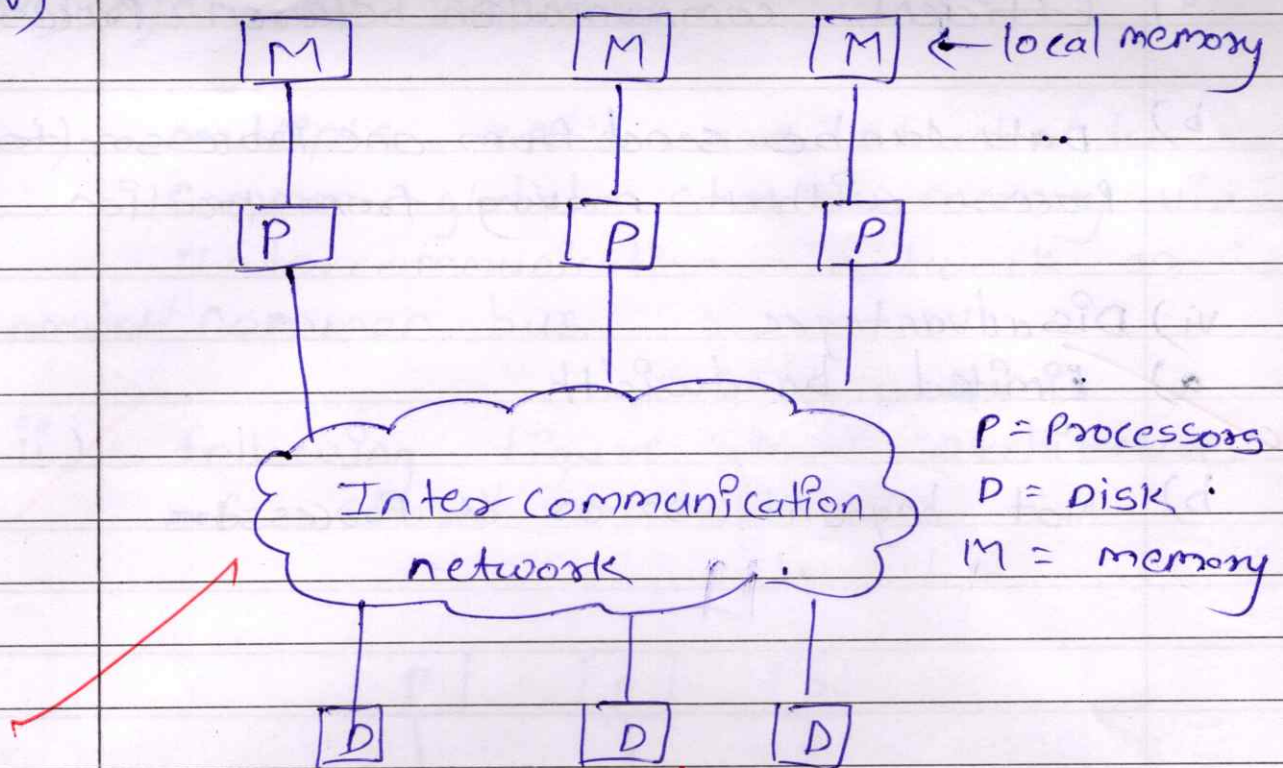
iii) Shared Disk have Advantages over shared memory.

a) system supports to perform sys simple operation on degree of fault fault fault tolerance

b) Each / Every CPU has its own local memory, ; so the processors is not bottleneck.

c) The system architecture is built beyond Processors. this is called clusters

iv)



Shared Disk Architectures.

v) Advantages.

- i) CPU has its own local memory; so the processors will not face the bottleneck.
- ii) High degree of fault tolerance is achieved.

vi) Disadvantages

- i) Some memory is added to each processor.
- ~~ex~~ ii) Limited scalability :- Not beyond certain point

3-b) A) Fragmentation.

i) we can divide data into small parts or packets. this process is called fragmentation.

ii) fragmentation is further divide into 3 parts. / types.

- ✓ a) horizontal fragmentation.
- b) vertical fragmentation
- c) mixed fragmentation,

B) Replication.

✓ — In Replication. Data set or packets are divided. but it stored in different location. according to its classification. for accessibility.

03

Monthly Attendance

Academic Year: 2024-25

Department: Information Technology

Start Date - 01 January, 2025 | End Date - 31 January, 2025

Semester 4

Semester 4				Sr. No.	Roll No.	Student Name	Group	Engineering Mathematics- III (T)			Processor Architecture (T)			Database Management System (T)			Computer Graphics (T)			Software Engineering (T)			Total			Average (%)	Total Attendance (%)
Faculty Incharge							Archana Ugale			Sonal Borase			Sharad Patil			Jayashri Patil			Dipti Survase								
							%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions
1	1	Pranjal Ahire	Sem 4	70	7	10	100	9	9	91.67	11	12	100	14	14	80	8	10	89.09	49	55	88.33	89.09				
2	2	Stutika Ahirrao	Sem 4	70	7	10	66.67	6	9	91.67	11	12	100	14	14	90	9	10	85.45	47	55	83.67	85.45				
3	3	Atharv Avhad	Sem 4	100	10	10	100	9	9	91.67	11	12	100	14	14	90	9	10	96.36	53	55	96.33	96.36				
4	4	Vishal Avhad	Sem 4	100	10	10	100	9	9	66.67	8	12	100	14	14	80	8	10	89.09	49	55	89.33	89.09				
5	5	Atharva Balak	Sem 4	100	10	10	22.22	2	9	83.33	10	12	92.86	13	14	60	6	10	74.55	41	55	71.68	74.55				
6	6	Minakshi Bhavar	Sem 4	90	9	10	66.67	6	9	75	9	12	100	14	14	90	9	10	85.45	47	55	84.33	85.45				
7	7	Prapti Bhavnath	Sem 4	100	10	10	66.67	6	9	50	6	12	100	14	14	90	9	10	81.82	45	55	81.33	81.82				
8	8	Mansi Bhavsar	Sem 4	100	10	10	22.22	2	9	58.33	7	12	92.86	13	14	100	10	10	76.36	42	55	74.68	76.36				
9	9	Darshan Bhirud	Sem 4	90	9	10	77.78	7	9	75	9	12	92.86	13	14	90	9	10	85.45	47	55	85.13	85.45				
10	10	Neha Borhade	Sem 4	90	9	10	88.89	8	9	66.67	8	12	100	14	14	90	9	10	87.27	48	55	87.11	87.27				
11	11	Kartik Borse	Sem 4	90	9	10	77.78	7	9	75	9	12	100	14	14	80	8	10	85.45	47	55	84.56	85.45				
12	12	Shravani Bramhankar	Sem 4	100	10	10	66.67	6	9	91.67	11	12	92.86	13	14	100	10	10	90.91	50	55	90.24	90.91				
13	13	Ashutosh Chand	Sem 4	100	10	10	33.33	3	9	75	9	12	100	14	14	80	8	10	80	44	55	77.67	80				
14	14	Tanmai Chaudhari	Sem 4	100	10	10	77.78	7	9	66.67	8	12	85.71	12	14	90	9	10	83.64	46	55	84.03	83.64				
15	15	Dinesh Chavan	Sem 4	70	7	10	66.67	6	9	83.33	10	12	92.86	13	14	90	9	10	81.82	45	55	80.57	81.82				
16	16	Dakornath Dale	Sem 4	60	6	10	77.78	7	9	91.67	11	12	92.86	13	14	80	8	10	81.82	45	55	80.46	81.82				
17	17	Janhavi Deore	Sem 4	100	10	10	77.78	7	9	75	9	12	85.71	12	14	90	9	10	85.45	47	55	85.7	85.45				
18	18	Narayan Dewassi	Sem 4	100	10	10	22.22	2	9	75	9	12	92.86	13	14	60	6	10	72.73	40	55	70.02	72.73				
19	19	Rohit Dhondage	Sem 4	100	10	10	100	9	9	66.67	8	12	85.71	12	14	90	9	10	87.27	48	55	88.48	87.27				
20	20	Vaibhav Dhondge	Sem 4	90	9	10	44.44	4	9	75	9	12	85.71	12	14	90	9	10	78.18	43	55	77.03	78.18				
21	21	Vaibhav Dhone	Sem 4	80	8	10	77.78	7	9	66.67	8	12	100	14	14	100	10	10	85.45	47	55	84.89	85.45				
22	22	Sanket Gosavi	Sem 4	70	7	10	100	9	9	83.33	10	12	100	14	14	80	8	10	87.27	48	55	86.67	87.27				
23	23	Tejaswini Jagtap	Sem 4	80	8	10	33.33	3	9	75	9	12	100	14	14	90	9	10	78.18	43	55	75.67	78.18				
24	24	Vaishnavi Jagdale	Sem 4	60	6	10	66.67	6	9	83.33	10	12	92.86	13	14	90	9	10	80	44	55	78.57	80				
25	25	Kanchan Bhamare	Sem 4	100	10	10	77.78	7	9	83.33	10	12	92.86	13	14	80	8	10	87.27	48	55	86.79	87.27				
26	26	Kanchan Katare	Sem 4	70	7	10	77.78	7	9	66.67	8	12	92.86	13	14	90	9	10	80	44	55	79.46	80				
27	27	Nirnay Khairnar	Sem 4	70	7	10	66.67	6	9	83.33	10	12	92.86	13	14	90	9	10	81.82	45	55	80.57	81.82				
28	28	Durgesh Mali	Sem 4	60	6	10	66.67	6	9	50	6	12	92.86	13	14	90	9	10	72.73	40	55	71.91	72.73				
29	29	Kuldip Mali	Sem 4	40	4	10	66.67	6	9	83.33	10	12	78.57	11	14	90	9	10	72.73	40	55	71.71	72.73				
30	30	Priti Matsagar	Sem 4	50	5	10	100	9	9	83.33	10	12	92.86	13	14	90	9	10	83.64	46	55	83.24	83.64				

31	31	Sanskriti More	Sem 4	90	9	10	100	9	9	83.33	10	12	92.86	13	14	90	9	10	90.91	50	55	91.24	90.91
32	32	Om Nathe	Sem 4	60	6	10	22.22	2	9	75	9	12	85.71	12	14	80	8	10	67.27	37	55	64.59	67.27
33	33	Dhroova Ozarkar	Sem 4	60	6	10	55.56	5	9	66.67	8	12	92.86	13	14	80	8	10	72.73	40	55	71.02	72.73
34	34	Nikita Pagare	Sem 4	70	7	10	88.89	8	9	75	9	12	92.86	13	14	90	9	10	83.64	46	55	83.35	83.64
35	35	Aditya Patil	Sem 4	100	10	10	55.56	5	9	75	9	12	78.57	11	14	100	10	10	81.82	45	55	81.83	81.82
36	36	Deep Patil	Sem 4	90	9	10	88.89	8	9	83.33	10	12	85.71	12	14	90	9	10	87.27	48	55	87.59	87.27
37	37	Hemangi Patil	Sem 4	70	7	10	77.78	7	9	83.33	10	12	85.71	12	14	100	10	10	83.64	46	55	83.36	83.64
38	38	Janhavi Patil	Sem 4	70	7	10	88.89	8	9	75	9	12	100	14	14	100	10	10	87.27	48	55	86.78	87.27
39	39	Nandini Patil	Sem 4	80	8	10	100	9	9	83.33	10	12	100	14	14	100	10	10	92.73	51	55	92.67	92.73
40	40	Khushal Pawar	Sem 4	90	9	10	88.89	8	9	91.67	11	12	92.86	13	14	80	8	10	89.09	49	55	88.68	89.09
41	41	Sakshi Pawar	Sem 4	100	10	10	100	9	9	83.33	10	12	92.86	13	14	90	9	10	92.73	51	55	93.24	92.73
42	42	Sanket Pawar	Sem 4	90	9	10	88.89	8	9	75	9	12	100	14	14	100	10	10	90.91	50	55	90.78	90.91
43	43	Maresh Pendhare	Sem 4	50	5	10	66.67	6	9	50	6	12	85.71	12	14	80	8	10	67.27	37	55	66.48	67.27
44	44	Vishu Pimpale	Sem 4	50	5	10	66.67	6	9	66.67	8	12	78.57	11	14	80	8	10	69.09	38	55	68.38	69.09
45	45	Harshad Ramayane	Sem 4	100	10	10	100	9	9	91.67	11	12	92.86	13	14	100	10	10	96.36	53	55	96.91	96.36
46	46	Vaishali Rathod	Sem 4	100	10	10	100	9	9	91.67	11	12	100	14	14	100	10	10	98.18	54	55	98.33	98.18
47	47	Roshani Bhosale	Sem 4	80	8	10	77.78	7	9	83.33	10	12	92.86	13	14	100	10	10	87.27	48	55	86.79	87.27
48	48	Vishal Sapkal	Sem 4	100	10	10	88.89	8	9	83.33	10	12	100	14	14	80	8	10	90.91	50	55	90.44	90.91
49	49	Tanveer Shaikh	Sem 4	90	9	10	100	9	9	91.67	11	12	100	14	14	90	9	10	94.55	52	55	94.33	94.55
50	50	Yash Shelar	Sem 4	70	7	10	88.89	8	9	83.33	10	12	92.86	13	14	90	9	10	85.45	47	55	85.02	85.45
51	51	Yash Shewale	Sem 4	60	6	10	77.78	7	9	66.67	8	12	92.86	13	14	80	8	10	76.36	42	55	75.46	76.36
52	52	Vishalkumar Shimpi	Sem 4	90	9	10	66.67	6	9	75	9	12	92.86	13	14	90	9	10	83.64	46	55	82.91	83.64
53	53	Kirti Shinde	Sem 4	50	5	10	66.67	6	9	50	6	12	92.86	13	14	100	10	10	72.73	40	55	71.91	72.73
54	54	Rohit Shirsath	Sem 4	80	8	10	66.67	6	9	91.67	11	12	100	14	14	80	8	10	85.45	47	55	83.67	85.45
55	55	Dnyaneshwar Solanke	Sem 4	90	9	10	22.22	2	9	66.67	8	12	92.86	13	14	90	9	10	74.55	41	55	72.35	74.55
56	56	Shraddha Solanke	Sem 4	100	10	10	100	9	9	75	9	12	92.86	13	14	100	10	10	92.73	51	55	93.57	92.73
57	57	Ganesh Sonawane	Sem 4	60	6	10	88.89	8	9	91.67	11	12	92.86	13	14	90	9	10	85.45	47	55	84.68	85.45
58	58	Nilesh Sonawane	Sem 4	90	9	10	88.89	8	9	83.33	10	12	92.86	13	14	80	8	10	87.27	48	55	87.02	87.27
59	59	Ashish Sonkamble	Sem 4	90	9	10	100	9	9	75	9	12	100	14	14	100	10	10	92.73	51	55	93	92.73
60	60	Aarya Sukenkar	Sem 4	70	7	10	33.33	3	9	66.67	8	12	92.86	13	14	90	9	10	72.73	40	55	70.57	72.73
61	61	Lavkesh Suryavanshi	Sem 4	90	9	10	55.56	5	9	75	9	12	92.86	13	14	80	8	10	80	44	55	78.68	80
62	62	Prem Thorat	Sem 4	80	8	10	100	9	9	100	12	12	92.86	13	14	100	10	10	94.55	52	55	94.57	94.55
63	63	Pallavi Umap	Sem 4	80	8	10	100	9	9	75	9	12	92.86	13	14	80	8	10	85.45	47	55	85.57	85.45
64	64	Tejaswini Wagh	Sem 4	90	9	10	77.78	7	9	83.33	10	12	85.71	12	14	80	8	10	83.64	46	55	83.36	83.64
65	65	Manasi Waghmare	Sem 4	90	9	10	100	9	9	75	9	12	100	14	14	90	9	10	90.91	50	55	91	90.91
66	66	Shravani Waidande	Sem 4	60	6	10	77.78	7	9	83.33	10	12	100	14	14	90	9	10	83.64	46	55	82.22	83.64
67	67	Aniket Wani	Sem 4	60	6	10	33.33	3	9	66.67	8	12	92.86	13	14	80	8	10	69.09	38	55	66.57	69.09
68	68	Nikhil Wankhade	Sem 4	70	7	10	44.44	4	9	83.33	10	12	92.86	13	14	80	8	10	76.36	42	55	74.13	76.36
69	69	Prathmesh Wendole	Sem 4	80	8	10	88.89	8	9	83.33	10	12	92.86	13	14	80	8	10	85.45	47	55	85.02	85.45
70	70	Yash Motkari	Sem 4	80	8	10	88.89	8	9	100	12	12	85.71	12	14	80	8	10	87.27	48	55	86.92	87.27
71	71	Omkar Yeshe	Sem 4	60	6	10	33.33	3	9	75	9	12	92.86	13	14	80	8	10	70.91	39	55	68.24	70.91



Academic Year: 2024-25

Department: Information Technology

Start Date - 01 January, 2025 | End Date - 28 February, 2025

Semester 4

Sr. No.	Roll No.	Student Name	Group	Engineering Mathematics- III (T)			Processor Architecture (T)			Database Management System (T)			Computer Graphics (T)			Software Engineering (T)			Total			Average (%)	Total Attendance (%)
Faculty Incharge				Archana Ugale			Sonal Borase			Sharad Patil			Jayashri Patil			Dipti Survase							
				%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions		
1	1	Pranjal Ahire	Sem 4	76.92	10	13	100	15	15	89.47	17	19	94.74	18	19	81.25	13	16	89.02	73	82	88.48	89.02
2	2	Stutika Ahirrao	Sem 4	69.23	9	13	73.33	11	15	89.47	17	19	94.74	18	19	81.25	13	16	82.93	68	82	81.6	82.93
3	3	Atharv Avhad	Sem 4	92.31	12	13	86.67	13	15	84.21	16	19	94.74	18	19	87.5	14	16	89.02	73	82	89.09	89.02
4	4	Vishal Avhad	Sem 4	100	13	13	86.67	13	15	73.68	14	19	89.47	17	19	75	12	16	84.15	69	82	84.96	84.15
5	5	Atharva Balak	Sem 4	100	13	13	53.33	8	15	84.21	16	19	89.47	17	19	68.75	11	16	79.27	65	82	79.15	79.27
6	6	Minakshi Bhavar	Sem 4	84.62	11	13	80	12	15	73.68	14	19	94.74	18	19	81.25	13	16	82.93	68	82	82.86	82.93
7	7	Prapti Bhavnath	Sem 4	100	13	13	73.33	11	15	57.89	11	19	94.74	18	19	81.25	13	16	80.49	66	82	81.44	80.49
8	8	Mansi Bhavsar	Sem 4	100	13	13	53.33	8	15	73.68	14	19	89.47	17	19	87.5	14	16	80.49	66	82	80.8	80.49
9	9	Darshan Bhirud	Sem 4	92.31	12	13	86.67	13	15	78.95	15	19	94.74	18	19	93.75	15	16	89.02	73	82	89.28	89.02
10	10	Neha Borhade	Sem 4	84.62	11	13	80	12	15	73.68	14	19	89.47	17	19	81.25	13	16	81.71	67	82	81.8	81.71
11	11	Kartik Borse	Sem 4	92.31	12	13	80	12	15	78.95	15	19	94.74	18	19	75	12	16	84.15	69	82	84.2	84.15
12	12	Shravani Bramhankar	Sem 4	100	13	13	80	12	15	89.47	17	19	94.74	18	19	93.75	15	16	91.46	75	82	91.59	91.46
13	13	Ashutosh Chand	Sem 4	100	13	13	53.33	8	15	73.68	14	19	100	19	19	81.25	13	16	81.71	67	82	81.65	81.71
14	14	Tanmai Chaudhari	Sem 4	100	13	13	86.67	13	15	68.42	13	19	89.47	17	19	81.25	13	16	84.15	69	82	85.16	84.15
15	15	Dinesh Chavan	Sem 4	76.92	10	13	60	9	15	89.47	17	19	89.47	17	19	81.25	13	16	80.49	66	82	79.42	80.49
16	16	Dakornath Dale	Sem 4	69.23	9	13	80	12	15	89.47	17	19	89.47	17	19	87.5	14	16	84.15	69	82	83.13	84.15
17	17	Janhavi Deore	Sem 4	100	13	13	73.33	11	15	73.68	14	19	89.47	17	19	81.25	13	16	82.93	68	82	83.55	82.93
18	18	Narayan Dewassi	Sem 4	100	13	13	53.33	8	15	73.68	14	19	89.47	17	19	68.75	11	16	76.83	63	82	77.05	76.83
19	19	Rohit Dhondage	Sem 4	100	13	13	93.33	14	15	73.68	14	19	89.47	17	19	81.25	13	16	86.59	71	82	87.55	86.59
20	20	Vaibhav Dhondge	Sem 4	84.62	11	13	53.33	8	15	68.42	13	19	89.47	17	19	81.25	13	16	75.61	62	82	75.42	75.61
21	21	Vaibhav Dhone	Sem 4	84.62	11	13	86.67	13	15	73.68	14	19	94.74	18	19	93.75	15	16	86.59	71	82	86.69	86.59
22	22	Sanket Gosavi	Sem 4	61.54	8	13	86.67	13	15	78.95	15	19	94.74	18	19	81.25	13	16	81.71	67	82	80.63	81.71
23	23	Tejaswini Jagtap	Sem 4	84.62	11	13	53.33	8	15	68.42	13	19	94.74	18	19	87.5	14	16	78.05	64	82	77.72	78.05
24	24	Vaishnavi Jagdale	Sem 4	53.85	7	13	66.67	10	15	89.47	17	19	94.74	18	19	87.5	14	16	80.49	66	82	78.45	80.49
25	25	Kanchan Bhamare	Sem 4	92.31	12	13	80	12	15	78.95	15	19	89.47	17	19	81.25	13	16	84.15	69	82	84.4	84.15
26	26	Kanchan Katore	Sem 4	69.23	9	13	66.67	10	15	73.68	14	19	89.47	17	19	81.25	13	16	76.83	63	82	76.06	76.83
27	27	Nirnay Khairnar	Sem 4	76.92	10	13	73.33	11	15	84.21	16	19	89.47	17	19	81.25	13	16	81.71	67	82	81.04	81.71
28	28	Durgesh Mali	Sem 4	61.54	8	13	73.33	11	15	63.16	12	19	94.74	18	19	81.25	13	16	75.61	62	82	74.8	75.61
29	29	Kuldip Mali	Sem 4	53.85	7	13	60	9	15	78.95	15	19	84.21	16	19	81.25	13	16	73.17	60	82	71.65	73.17
30	30	Priti Matsagar	Sem 4	61.54	8	13	93.33	14	15	84.21	16	19	94.74	18	19	93.75	15	16	86.59	71	82	85.51	86.59
31	31	Sanskriti More	Sem 4	92.31	12	13	100	15	15	78.95	15	19	89.47	17	19	93.75	15	16	90.24	74	82	90.9	90.24

32	32	Om Nathe	Sem 4	69.23	9	13	53.33	8	15	78.95	15	19	89.47	17	19	75	12	16	74.39	61	82	73.2	74.39
33	33	Dhroova Ozarkar	Sem 4	69.23	9	13	60	9	15	78.95	15	19	89.47	17	19	87.5	14	16	78.05	64	82	77.03	78.05
34	34	Nikita Pagare	Sem 4	69.23	9	13	80	12	15	73.68	14	19	94.74	18	19	93.75	15	16	82.93	68	82	82.28	82.93
35	35	Aditya Patil	Sem 4	100	13	13	60	9	15	78.95	15	19	84.21	16	19	93.75	15	16	82.93	68	82	83.38	82.93
36	36	Deep Patil	Sem 4	92.31	12	13	86.67	13	15	78.95	15	19	84.21	16	19	87.5	14	16	85.37	70	82	85.93	85.37
37	37	Hemangi Patil	Sem 4	76.92	10	13	66.67	10	15	89.47	17	19	89.47	17	19	87.5	14	16	82.93	68	82	82.01	82.93
38	38	Janhavi Patil	Sem 4	69.23	9	13	86.67	13	15	73.68	14	19	94.74	18	19	100	16	16	85.37	70	82	84.86	85.37
39	39	Nandini Patil	Sem 4	61.54	8	13	100	15	15	89.47	17	19	94.74	18	19	87.5	14	16	87.8	72	82	86.65	87.8
40	40	Khushal Pawar	Sem 4	92.31	12	13	93.33	14	15	89.47	17	19	94.74	18	19	81.25	13	16	90.24	74	82	90.22	90.24
41	41	Sakshi Pawar	Sem 4	92.31	12	13	100	15	15	84.21	16	19	89.47	17	19	87.5	14	16	90.24	74	82	90.7	90.24
42	42	Sanket Pawar	Sem 4	92.31	12	13	86.67	13	15	73.68	14	19	94.74	18	19	87.5	14	16	86.59	71	82	86.98	86.59
43	43	Mahesh Pendhare	Sem 4	61.54	8	13	80	12	15	63.16	12	19	89.47	17	19	75	12	16	74.39	61	82	73.83	74.39
44	44	Vishu Pimpale	Sem 4	61.54	8	13	80	12	15	73.68	14	19	84.21	16	19	87.5	14	16	78.05	64	82	77.39	78.05
45	45	Harshad Ramayane	Sem 4	92.31	12	13	93.33	14	15	94.74	18	19	89.47	17	19	87.5	14	16	91.46	75	82	91.47	91.46
46	46	Vaishali Rathod	Sem 4	100	13	13	100	15	15	89.47	17	19	94.74	18	19	87.5	14	16	93.9	77	82	94.34	93.9
47	47	Roshani Bhosale	Sem 4	84.62	11	13	80	12	15	78.95	15	19	89.47	17	19	87.5	14	16	84.15	69	82	84.11	84.15
48	48	Vishal Sapkal	Sem 4	100	13	13	86.67	13	15	84.21	16	19	100	19	19	87.5	14	16	91.46	75	82	91.68	91.46
49	49	Tanveer Shaikh	Sem 4	84.62	11	13	100	15	15	94.74	18	19	94.74	18	19	81.25	13	16	91.46	75	82	91.07	91.46
50	50	Yash Shelar	Sem 4	76.92	10	13	86.67	13	15	84.21	16	19	89.47	17	19	87.5	14	16	85.37	70	82	84.95	85.37
51	51	Yash Shewale	Sem 4	61.54	8	13	80	12	15	68.42	13	19	89.47	17	19	87.5	14	16	78.05	64	82	77.39	78.05
52	52	Vishalkumar Shimpi	Sem 4	92.31	12	13	80	12	15	73.68	14	19	94.74	18	19	81.25	13	16	84.15	69	82	84.4	84.15
53	53	Kirti Shinde	Sem 4	61.54	8	13	73.33	11	15	68.42	13	19	94.74	18	19	100	16	16	80.49	66	82	79.61	80.49
54	54	Rohit Shirsath	Sem 4	76.92	10	13	66.67	10	15	89.47	17	19	89.47	17	19	87.5	14	16	82.93	68	82	82.01	82.93
55	55	Dnyaneshwar Solanke	Sem 4	92.31	12	13	53.33	8	15	78.95	15	19	94.74	18	19	93.75	15	16	82.93	68	82	82.62	82.93
56	56	Shraddha Solanke	Sem 4	84.62	11	13	93.33	14	15	84.21	16	19	94.74	18	19	100	16	16	91.46	75	82	91.38	91.46
57	57	Ganesh Sonawane	Sem 4	61.54	8	13	73.33	11	15	89.47	17	19	94.74	18	19	87.5	14	16	82.93	68	82	81.32	82.93
58	58	Nilesh Sonawane	Sem 4	92.31	12	13	93.33	14	15	84.21	16	19	94.74	18	19	87.5	14	16	90.24	74	82	90.42	90.24
59	59	Ashish Sonkamble	Sem 4	92.31	12	13	93.33	14	15	84.21	16	19	94.74	18	19	100	16	16	92.68	76	82	92.92	92.68
60	60	Aarya Sukenkar	Sem 4	76.92	10	13	60	9	15	78.95	15	19	89.47	17	19	87.5	14	16	79.27	65	82	78.57	79.27
61	61	Lavkesh Suryavanshi	Sem 4	84.62	11	13	53.33	8	15	84.21	16	19	89.47	17	19	81.25	13	16	79.27	65	82	78.58	79.27
62	62	Prem Thorat	Sem 4	84.62	11	13	86.67	13	15	100	19	19	94.74	18	19	93.75	15	16	92.68	76	82	91.96	92.68
63	63	Pallavi Umap	Sem 4	84.62	11	13	86.67	13	15	68.42	13	19	89.47	17	19	87.5	14	16	82.93	68	82	83.34	82.93
64	64	Tejaswini Wagh	Sem 4	92.31	12	13	60	9	15	84.21	16	19	89.47	17	19	87.5	14	16	82.93	68	82	82.7	82.93
65	65	Manasi Waghmare	Sem 4	92.31	12	13	100	15	15	84.21	16	19	100	19	19	81.25	13	16	91.46	75	82	91.55	91.46
66	66	Shravani Waidande	Sem 4	69.23	9	13	80	12	15	78.95	15	19	100	19	19	81.25	13	16	82.93	68	82	81.89	82.93
67	67	Aniket Wani	Sem 4	69.23	9	13	53.33	8	15	73.68	14	19	89.47	17	19	87.5	14	16	75.61	62	82	74.64	75.61
68	68	Nikhil Wankhade	Sem 4	76.92	10	13	66.67	10	15	84.21	16	19	94.74	18	19	81.25	13	16	81.71	67	82	80.76	81.71
69	69	Prathmesh Wendole	Sem 4	84.62	11	13	80	12	15	89.47	17	19	89.47	17	19	75	12	16	84.15	69	82	83.71	84.15
70	70	Yash Motkari	Sem 4	84.62	11	13	80	12	15	94.74	18	19	89.47	17	19	81.25	13	16	86.59	71	82	86.02	86.59
71	71	Omkar Yeshi	Sem 4	69.23	9	13	53.33	8	15	84.21	16	19	89.47	17	19	81.25	13	16	76.83	63	82	75.5	76.83



Academic Year: 2024-25

Department: Information Technology

Start Date - 01 January, 2025 | End Date - 31 March, 2025

Semester 4

Sr. No.	Roll No.	Student Name	Group	Engineering Mathematics- III (T)			Processor Architecture (T)			Database Management System (T)			Computer Graphics (T)			Software Engineering (T)			Total			Average (%)	Total Attendance (%)
Faculty Incharge				Archana Ugale			Sonal Borase			Sharad Patil			Jayashri Patil			Dipti Survas							
				%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions		
1	1	Pranjal Ahire	Sem 4	80.95	17	21	86.96	20	23	80	24	30	80	20	25	80.95	17	21	81.67	98	120	81.77	81.67
2	2	Stutika Ahirrao	Sem 4	80.95	17	21	78.26	18	23	76.67	23	30	80	20	25	85.71	18	21	80	96	120	80.32	80
3	3	Atharv Avhad	Sem 4	90.48	19	21	86.96	20	23	80	24	30	88	22	25	85.71	18	21	85.83	103	120	86.23	85.83
4	4	Vishal Avhad	Sem 4	100	21	21	78.26	18	23	76.67	23	30	92	23	25	76.19	16	21	84.17	101	120	84.62	84.17
5	5	Atharva Balak	Sem 4	80.95	17	21	69.57	16	23	80	24	30	92	23	25	76.19	16	21	80	96	120	79.74	80
6	6	Minakshi Bhavar	Sem 4	76.19	16	21	86.96	20	23	80	24	30	88	22	25	80.95	17	21	82.5	99	120	82.42	82.5
7	7	Prapti Bhavnath	Sem 4	85.71	18	21	82.61	19	23	70	21	30	88	22	25	85.71	18	21	81.67	98	120	82.41	81.67
8	8	Mansi Bhavsar	Sem 4	100	21	21	69.57	16	23	80	24	30	92	23	25	85.71	18	21	85	102	120	85.46	85
9	9	Darshan Bhirud	Sem 4	85.71	18	21	91.3	21	23	83.33	25	30	84	21	25	90.48	19	21	86.67	104	120	86.96	86.67
10	10	Neha Borhade	Sem 4	80.95	17	21	86.96	20	23	83.33	25	30	84	21	25	85.71	18	21	84.17	101	120	84.19	84.17
11	11	Kartik Borse	Sem 4	90.48	19	21	73.91	17	23	80	24	30	84	21	25	76.19	16	21	80.83	97	120	80.92	80.83
12	12	Shravani Bramhankar	Sem 4	80.95	17	21	86.96	20	23	86.67	26	30	84	21	25	95.24	20	21	86.67	104	120	86.76	86.67
13	13	Ashutosh Chand	Sem 4	100	21	21	69.57	16	23	76.67	23	30	100	25	25	85.71	18	21	85.83	103	120	86.39	85.83
14	14	Tanmai Chaudhari	Sem 4	85.71	18	21	91.3	21	23	76.67	23	30	84	21	25	85.71	18	21	84.17	101	120	84.68	84.17
15	15	Dinesh Chavan	Sem 4	85.71	18	21	73.91	17	23	76.67	23	30	84	21	25	80.95	17	21	80	96	120	80.25	80
16	16	Dakornath Dale	Sem 4	80.95	17	21	86.96	20	23	90	27	30	76	19	25	85.71	18	21	84.17	101	120	83.92	84.17
17	17	Janhavi Deore	Sem 4	100	21	21	82.61	19	23	83.33	25	30	92	23	25	80.95	17	21	87.5	105	120	87.78	87.5
18	18	Narayan Dewassi	Sem 4	100	21	21	69.57	16	23	76.67	23	30	92	23	25	76.19	16	21	82.5	99	120	82.89	82.5
19	19	Rohit Dhondage	Sem 4	85.71	18	21	95.65	22	23	83.33	25	30	84	21	25	85.71	18	21	86.67	104	120	86.88	86.67
20	20	Vaibhav Dhondge	Sem 4	85.71	18	21	69.57	16	23	70	21	30	84	21	25	85.71	18	21	78.33	94	120	79	78.33
21	21	Vaibhav Dhone	Sem 4	76.19	16	21	86.96	20	23	76.67	23	30	88	22	25	90.48	19	21	83.33	100	120	83.66	83.33
22	22	Sanket Gosavi	Sem 4	76.19	16	21	86.96	20	23	80	24	30	84	21	25	85.71	18	21	82.5	99	120	82.57	82.5
23	23	Tejaswini Jagtap	Sem 4	80.95	17	21	69.57	16	23	73.33	22	30	84	21	25	90.48	19	21	79.17	95	120	79.67	79.17
24	24	Vaishnavi Jagdale	Sem 4	66.67	14	21	78.26	18	23	86.67	26	30	96	24	25	90.48	19	21	84.17	101	120	83.62	84.17
25	25	Kanchan Bhamare	Sem 4	90.48	19	21	86.96	20	23	83.33	25	30	92	23	25	85.71	18	21	87.5	105	120	87.7	87.5
26	26	Kanchan Katore	Sem 4	66.67	14	21	73.91	17	23	80	24	30	84	21	25	85.71	18	21	78.33	94	120	78.06	78.33
27	27	Nirnay Khairnar	Sem 4	76.19	16	21	78.26	18	23	86.67	26	30	88	22	25	85.71	18	21	83.33	100	120	82.97	83.33
28	28	Durgesh Mali	Sem 4	71.43	15	21	82.61	19	23	76.67	23	30	88	22	25	85.71	18	21	80.83	97	120	80.88	80.83
29	29	Kuldip Mali	Sem 4	66.67	14	21	73.91	17	23	76.67	23	30	88	22	25	85.71	18	21	78.33	94	120	78.19	78.33
30	30	Priti Matsagar	Sem 4	76.19	16	21	95.65	22	23	86.67	26	30	88	22	25	90.48	19	21	87.5	105	120	87.4	87.5

31	31	Sanskriti More	Sem 4	90.48	19	21	100	23	23	76.67	23	30	84	21	25	90.48	19	21	87.5	105	120	88.33	87.5
32	32	Om Nathe	Sem 4	80.95	17	21	69.57	16	23	86.67	26	30	92	23	25	76.19	16	21	81.67	98	120	81.08	81.67
33	33	Dhroova Ozarkar	Sem 4	66.67	14	21	69.57	16	23	80	24	30	92	23	25	80.95	17	21	78.33	94	120	77.84	78.33
34	34	Nikita Pagare	Sem 4	66.67	14	21	82.61	19	23	80	24	30	88	22	25	95.24	20	21	82.5	99	120	82.5	82.5
35	35	Aditya Patil	Sem 4	100	21	21	73.91	17	23	83.33	25	30	68	17	25	90.48	19	21	82.5	99	120	83.14	82.5
36	36	Deep Patil	Sem 4	71.43	15	21	91.3	21	23	83.33	25	30	88	22	25	90.48	19	21	85	102	120	84.91	85
37	37	Hemangi Patil	Sem 4	85.71	18	21	78.26	18	23	93.33	28	30	92	23	25	90.48	19	21	88.33	106	120	87.96	88.33
38	38	Janhavi Patil	Sem 4	71.43	15	21	86.96	20	23	83.33	25	30	84	21	25	95.24	20	21	84.17	101	120	84.19	84.17
39	39	Nandini Patil	Sem 4	71.43	15	21	100	23	23	73.33	22	30	92	23	25	90.48	19	21	85	102	120	85.45	85
40	40	Khushal Pawar	Sem 4	80.95	17	21	95.65	22	23	80	24	30	92	23	25	85.71	18	21	86.67	104	120	86.86	86.67
41	41	Sakshi Pawar	Sem 4	85.71	18	21	100	23	23	73.33	22	30	84	21	25	85.71	18	21	85	102	120	85.75	85
42	42	Sanket Pawar	Sem 4	95.24	20	21	86.96	20	23	76.67	23	30	76	19	25	85.71	18	21	83.33	100	120	84.12	83.33
43	43	Mahesh Pendhare	Sem 4	71.43	15	21	82.61	19	23	76.67	23	30	76	19	25	76.19	16	21	76.67	92	120	76.58	76.67
44	44	Vishu Pimpale	Sem 4	71.43	15	21	82.61	19	23	80	24	30	76	19	25	90.48	19	21	80	96	120	80.1	80
45	45	Harshad Ramayane	Sem 4	85.71	18	21	95.65	22	23	86.67	26	30	84	21	25	90.48	19	21	88.33	106	120	88.5	88.33
46	46	Vaishali Rathod	Sem 4	100	21	21	100	23	23	90	27	30	88	22	25	90.48	19	21	93.33	112	120	93.7	93.33
47	47	Roshani Bhosale	Sem 4	90.48	19	21	86.96	20	23	80	24	30	80	20	25	90.48	19	21	85	102	120	85.58	85
48	48	Vishal Sapkal	Sem 4	100	21	21	91.3	21	23	76.67	23	30	96	24	25	90.48	19	21	90	108	120	90.89	90
49	49	Tanveer Shaikh	Sem 4	66.67	14	21	95.65	22	23	90	27	30	76	19	25	80.95	17	21	82.5	99	120	81.85	82.5
50	50	Yash Shelar	Sem 4	85.71	18	21	86.96	20	23	76.67	23	30	84	21	25	85.71	18	21	83.33	100	120	83.81	83.33
51	51	Yash Shewale	Sem 4	76.19	16	21	78.26	18	23	73.33	22	30	84	21	25	85.71	18	21	79.17	95	120	79.5	79.17
52	52	Vishalkumar Shimpi	Sem 4	85.71	18	21	86.96	20	23	80	24	30	80	20	25	80.95	17	21	82.5	99	120	82.72	82.5
53	53	Kirti Shinde	Sem 4	76.19	16	21	82.61	19	23	76.67	23	30	88	22	25	100	21	21	84.17	101	120	84.69	84.17
54	54	Rohit Shirsath	Sem 4	85.71	18	21	78.26	18	23	90	27	30	92	23	25	90.48	19	21	87.5	105	120	87.29	87.5
55	55	Dnyaneshwar Solanke	Sem 4	95.24	20	21	69.57	16	23	83.33	25	30	96	24	25	90.48	19	21	86.67	104	120	86.92	86.67
56	56	Shraddha Solanke	Sem 4	80.95	17	21	95.65	22	23	86.67	26	30	96	24	25	95.24	20	21	90.83	109	120	90.9	90.83
57	57	Ganesh Sonawane	Sem 4	71.43	15	21	82.61	19	23	90	27	30	76	19	25	85.71	18	21	81.67	98	120	81.15	81.67
58	58	Nilesh Sonawane	Sem 4	76.19	16	21	95.65	22	23	76.67	23	30	80	20	25	80.95	17	21	81.67	98	120	81.89	81.67
59	59	Ashish Sonkamble	Sem 4	95.24	20	21	95.65	22	23	80	24	30	96	24	25	100	21	21	92.5	111	120	93.38	92.5
60	60	Aarya Sukenkar	Sem 4	85.71	18	21	73.91	17	23	83.33	25	30	92	23	25	85.71	18	21	84.17	101	120	84.13	84.17
61	61	Lavkesh Suryavanshi	Sem 4	71.43	15	21	69.57	16	23	86.67	26	30	92	23	25	85.71	18	21	81.67	98	120	81.08	81.67
62	62	Prem Thorat	Sem 4	80.95	17	21	91.3	21	23	93.33	28	30	80	20	25	85.71	18	21	86.67	104	120	86.26	86.67
63	63	Pallavi Umap	Sem 4	90.48	19	21	91.3	21	23	76.67	23	30	92	23	25	90.48	19	21	87.5	105	120	88.19	87.5
64	64	Tejaswini Wagh	Sem 4	85.71	18	21	73.91	17	23	76.67	23	30	92	23	25	90.48	19	21	83.33	100	120	83.75	83.33
65	65	Manasi Waghmare	Sem 4	90.48	19	21	100	23	23	83.33	25	30	92	23	25	80.95	17	21	89.17	107	120	89.35	89.17
66	66	Shravani Waidande	Sem 4	80.95	17	21	82.61	19	23	76.67	23	30	80	20	25	80.95	17	21	80	96	120	80.24	80
67	67	Aniket Wani	Sem 4	80.95	17	21	69.57	16	23	76.67	23	30	92	23	25	85.71	18	21	80.83	97	120	80.98	80.83
68	68	Nikhil Wankhade	Sem 4	85.71	18	21	73.91	17	23	80	24	30	76	19	25	80.95	17	21	79.17	95	120	79.31	79.17
69	69	Prathmesh Wendole	Sem 4	90.48	19	21	82.61	19	23	93.33	28	30	92	23	25	80.95	17	21	88.33	106	120	87.87	88.33
70	70	Yash Motkari	Sem 4	80.95	17	21	82.61	19	23	86.67	26	30	80	20	25	76.19	16	21	81.67	98	120	81.28	81.67
71	71	Omkar Yeshi	Sem 4	76.19	16	21	69.57	16	23	83.33	25	30	88	22	25	80.95	17	21	80	96	120	79.61	80

Academic Year: 2024-25

Department: Information Technology

Start Date - 01 January, 2025 | End Date - 26 April, 2025

Semester 4

Sr. No.	Roll No.	Student Name	Group	Engineering Mathematics III (T)			Processor Architecture (T)			Database Management System (T)			Computer Graphics (T)			Software Engineering (T)			Total			Average (%)	Total Attendance (%)
Faculty Incharge				Archana Ugale			Sonal Borase			Sharad Patil			Jayashri Patil			Dipti Survas							
				%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions	%	Present Sessions	Total Sessions		
1	1	Pranjal Ahire	Sem 4	76.67	23	30	89.66	26	29	84.62	33	39	82.86	29	35	84.62	22	26	83.65	133	159	83.69	83.65
2	2	Stutika Ahirrao	Sem 4	83.33	25	30	82.76	24	29	76.92	30	39	80	28	35	88.46	23	26	81.76	130	159	82.29	81.76
3	3	Atharv Avhad	Sem 4	90	27	30	89.66	26	29	82.05	32	39	88.57	31	35	88.46	23	26	87.42	139	159	87.75	87.42
4	4	Vishal Avhad	Sem 4	80	24	30	75.86	22	29	82.05	32	39	88.57	31	35	80.77	21	26	81.76	130	159	81.45	81.76
5	5	Atharva Balak	Sem 4	76.67	23	30	75.86	22	29	79.49	31	39	91.43	32	35	80.77	21	26	81.13	129	159	80.84	81.13
6	6	Minakshi Bhavar	Sem 4	80	24	30	82.76	24	29	84.62	33	39	88.57	31	35	84.62	22	26	84.28	134	159	84.11	84.28
7	7	Prapti Bhavnath	Sem 4	90	27	30	86.21	25	29	76.92	30	39	88.57	31	35	88.46	23	26	85.53	136	159	86.03	85.53
8	8	Mansi Bhavsar	Sem 4	76.67	23	30	75.86	22	29	79.49	31	39	88.57	31	35	88.46	23	26	81.76	130	159	81.81	81.76
9	9	Darshan Bhirud	Sem 4	76.67	23	30	89.66	26	29	84.62	33	39	80	28	35	92.31	24	26	84.28	134	159	84.65	84.28
10	10	Neha Borhade	Sem 4	86.67	26	30	86.21	25	29	87.18	34	39	85.71	30	35	88.46	23	26	86.79	138	159	86.85	86.79
11	11	Kartik Borse	Sem 4	76.67	23	30	75.86	22	29	79.49	31	39	85.71	30	35	80.77	21	26	79.87	127	159	79.7	79.87
12	12	Shravani Bramhankar	Sem 4	76.67	23	30	86.21	25	29	89.74	35	39	88.57	31	35	96.15	25	26	87.42	139	159	87.47	87.42
13	13	Ashutosh Chand	Sem 4	76.67	23	30	75.86	22	29	79.49	31	39	94.29	33	35	88.46	23	26	83.02	132	159	82.95	83.02
14	14	Tanmai Chaudhari	Sem 4	90	27	30	89.66	26	29	82.05	32	39	85.71	30	35	88.46	23	26	86.79	138	159	87.18	86.79
15	15	Dinesh Chavan	Sem 4	76.67	23	30	75.86	22	29	79.49	31	39	88.57	31	35	84.62	22	26	81.13	129	159	81.04	81.13
16	16	Dakornath Dale	Sem 4	76.67	23	30	79.31	23	29	84.62	33	39	77.14	27	35	88.46	23	26	81.13	129	159	81.24	81.13
17	17	Janhavi Deore	Sem 4	76.67	23	30	75.86	22	29	87.18	34	39	88.57	31	35	84.62	22	26	83.02	132	159	82.58	83.02
18	18	Narayan Dewassi	Sem 4	76.67	23	30	75.86	22	29	79.49	31	39	88.57	31	35	80.77	21	26	80.5	128	159	80.27	80.5
19	19	Rohit Dhondage	Sem 4	76.67	23	30	89.66	26	29	84.62	33	39	88.57	31	35	84.62	22	26	84.91	135	159	84.83	84.91

20	20	Vaibhav Dhondge	Sem 4	83.33	25	30	75.86	22	29	76.92	30	39	82.86	29	35	84.62	22	26	80.5	128	159	80.72	80.5
21	21	Vaibhav Dhondge	Sem 4	76.67	23	30	89.66	26	29	82.05	32	39	85.71	30	35	84.62	22	26	83.65	133	159	83.74	83.65
22	22	Sanket Gosavi	Sem 4	76.67	23	30	79.31	23	29	79.49	31	39	80	28	35	84.62	22	26	79.87	127	159	80.02	79.87
23	23	Tejaswini Jagtap	Sem 4	76.67	23	30	75.86	22	29	79.49	31	39	85.71	30	35	92.31	24	26	81.76	130	159	82.01	81.76
24	24	Vaishnavi Jagdale	Sem 4	76.67	23	30	82.76	24	29	89.74	35	39	97.14	34	35	92.31	24	26	88.05	140	159	87.72	88.05
25	25	Kanchan Bhamare	Sem 4	76.67	23	30	89.66	26	29	84.62	33	39	94.29	33	35	84.62	22	26	86.16	137	159	85.97	86.16
26	26	Kanchan Katore	Sem 4	76.67	23	30	75.86	22	29	79.49	31	39	82.86	29	35	80.77	21	26	79.25	126	159	79.13	79.25
27	27	Nirnay Khairnar	Sem 4	76.67	23	30	79.31	23	29	82.05	32	39	77.14	27	35	84.62	22	26	79.87	127	159	79.96	79.87
28	28	Durgesh Mali	Sem 4	76.67	23	30	82.76	24	29	79.49	31	39	91.43	32	35	88.46	23	26	83.65	133	159	83.76	83.65
29	29	Kuldip Mali	Sem 4	76.67	23	30	75.86	22	29	82.05	32	39	85.71	30	35	80.77	21	26	80.5	128	159	80.21	80.5
30	30	Priti Matsagar	Sem 4	76.67	23	30	96.55	28	29	87.18	34	39	82.86	29	35	80.77	21	26	84.91	135	159	84.81	84.91
31	31	Sanskriti More	Sem 4	86.67	26	30	96.55	28	29	79.49	31	39	82.86	29	35	88.46	23	26	86.16	137	159	86.81	86.16
32	32	Om Nathe	Sem 4	76.67	23	30	75.86	22	29	87.18	34	39	91.43	32	35	80.77	21	26	83.02	132	159	82.38	83.02
33	33	Dhroova Ozarkar	Sem 4	76.67	23	30	75.86	22	29	82.05	32	39	88.57	31	35	76.92	20	26	80.5	128	159	80.01	80.5
34	34	Nikita Pagare	Sem 4	76.67	23	30	82.76	24	29	82.05	32	39	85.71	30	35	92.31	24	26	83.65	133	159	83.9	83.65
35	35	Aditya Patil	Sem 4	76.67	23	30	75.86	22	29	82.05	32	39	68.57	24	35	84.62	22	26	77.36	123	159	77.55	77.36
36	36	Deep Patil	Sem 4	76.67	23	30	89.66	26	29	84.62	33	39	85.71	30	35	84.62	22	26	84.28	134	159	84.26	84.28
37	37	Hemangi Patil	Sem 4	76.67	23	30	75.86	22	29	87.18	34	39	88.57	31	35	84.62	22	26	83.02	132	159	82.58	83.02
38	38	Janhavi Patil	Sem 4	76.67	23	30	89.66	26	29	84.62	33	39	85.71	30	35	96.15	25	26	86.16	137	159	86.56	86.16
39	39	Nandini Patil	Sem 4	76.67	23	30	93.1	27	29	76.92	30	39	91.43	32	35	92.31	24	26	85.53	136	159	86.09	85.53
40	40	Khushal Pawar	Sem 4	76.67	23	30	89.66	26	29	79.49	31	39	91.43	32	35	88.46	23	26	84.91	135	159	85.14	84.91
41	41	Sakshi Pawar	Sem 4	83.33	25	30	93.1	27	29	76.92	30	39	77.14	27	35	80.77	21	26	81.76	130	159	82.25	81.76
42	42	Sanket Pawar	Sem 4	76.67	23	30	86.21	25	29	79.49	31	39	77.14	27	35	80.77	21	26	79.87	127	159	80.06	79.87
43	43	Mahesh Pendhare	Sem 4	76.67	23	30	79.31	23	29	82.05	32	39	82.86	29	35	80.77	21	26	80.5	128	159	80.33	80.5
44	44	Vishu Pimpale	Sem 4	76.67	23	30	82.76	24	29	84.62	33	39	82.86	29	35	88.46	23	26	83.02	132	159	83.07	83.02
45	45	Harshad Ramayane	Sem 4	86.67	26	30	96.55	28	29	87.18	34	39	82.86	29	35	92.31	24	26	88.68	141	159	89.11	88.68
46	46	Vaishali Rathod	Sem 4	90	27	30	96.55	28	29	92.31	36	39	88.57	31	35	88.46	23	26	91.19	145	159	91.18	91.19
47	47	Roshani Bhosale	Sem 4	76.67	23	30	82.76	24	29	79.49	31	39	77.14	27	35	84.62	22	26	79.87	127	159	80.14	79.87
48	48	Vishal Sapkal	Sem 4	76.67	23	30	82.76	24	29	79.49	31	39	91.43	32	35	84.62	22	26	83.02	132	159	82.99	83.02



BACK

Assignment Assessment



**Jawahar Education Society's Institute of Technology, Management
and Research, Nashik**
Information Technology (2024-25)

Assignment Name : ADBMS UNIT1 Assignment

Assignment Set : ADBMS UNIT 2 Assignment

Subject : Elective-I (Advanced Database and Management System) - Theory (**Elective**)

Faculty : Jayashree Patil | **Group :** Semester 5 | **Marks :** 20

1) Explain Shared Memory and Shared Disk Parallel Database Architectures.

Mark(s) 5.00
Type DESCRIPTIVE

Course Outcome- CO2

Blooms Level- Evaluate, Understand

2) Explain Parallel Query optimization.

Mark(s) 5.00
Type DESCRIPTIVE

Course Outcome- CO2

Blooms Level- Evaluate, Understand

3) Explain Parallel join operation.

Mark(s) 5.00
Type DESCRIPTIVE

Course Outcome- CO2

Blooms Level- Evaluate, Understand

4) Explain Distributed Transaction Processing.

Mark(s) 5.00
Type DESCRIPTIVE

Course Outcome- CO2

Blooms Level- Evaluate, Understand



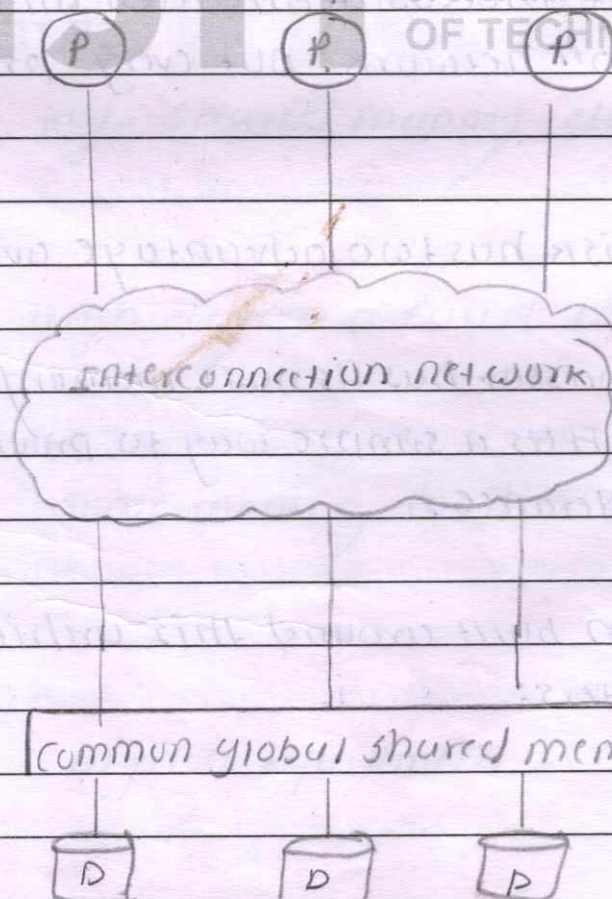
Assignment No-2

Q.1] Explain shared memory and shared disk parallel Database Architectures.

Shared memory system -

multiple CPUs are attached to a common global shared memory via interconnection networks or common bus.

Shared memory architectures usually have large memory caches at each processor, so that referencing of the shared memory is avoided whenever possible.



P = processor
D = disk
M = memory

Advantage -

- 1) Efficient commⁿ between processors
- 2) A processor can send message to processor much faster using memory with

Disadvantage -

- 1) Bandwidth Problem
- 2) more number of processor increases waiting time of processors.

2) Shared Disk System -

Multiple processor can access all disk directly inter commⁿ network. But every processor has its own memory.

Shared disk has two advantage over shared memory.

- 1) Each processor has its own memory
- 2) system offers a simple way to provide a degree of fault tolerance.

The system built around this architecture are called clusters.

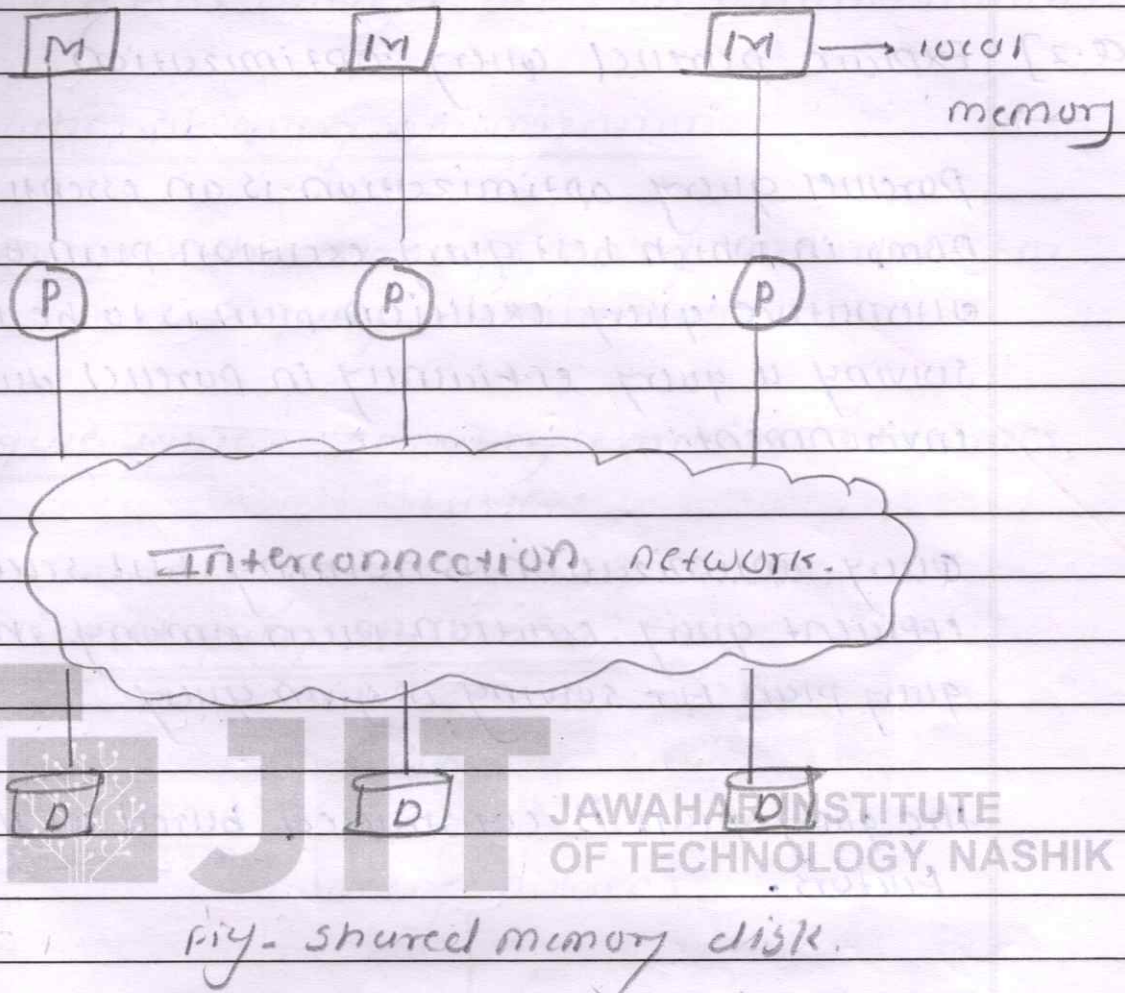


fig. shared memory disk.

Advantage-

High degree of fault tolerance is achieved

Disadvantage-

Some memory load is added to each processor.

Application-

Digital equipment corporation (DEC).

Q.2] Explain parallel query optimization.

→

parallel query optimization is an essential for many DBMS in which best query execution plan out of multiple alternative query execution plan is to be identified for solving a query efficiently in parallel database environment.

query optimization is nothing but selecting the efficient query execution plan among the available query plan for solving a given query.

the query plan is constructed based on multiple cost factors.

there is a trade-off between the amount of time spent to find out the best plan and the amount of resources required for running the plan.

Goals of query optimization.

Eliminate all unwanted data -

query optimization tries to eliminate unwanted tuples or rows from given relation.

Speed up queries - try to find out query which y

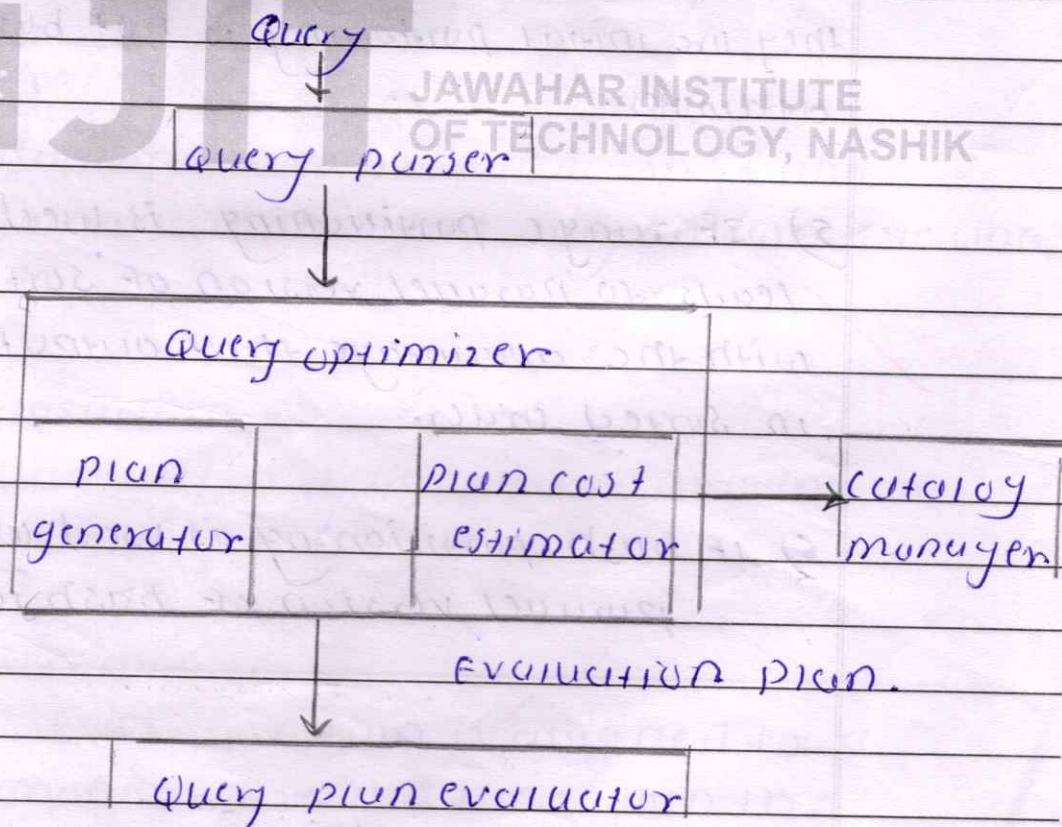
result very fast when executed on parallel database.

Approaches of query optimization.

use index - this strategy is very important for query optimization.

Aggregate table - so, query evaluation becomes faster.

Traditional query optimizers.



Q.3] → Explain parallel join operation.

1) The main behind parallelisation is to illustrate the use of merge and split operators.

2) parallel hash join is widely used type of join. It gives idea how sort-merge join can be parallelized.

3) Other join algorithm can be parallelized as well although not as effectively as these two algorithms.

4) ex. Suppose that we want to join two relation say R_1 and R_2 on the salary attributes we assume that they are initial partitioning is not based on the join attributes.

5) If range partitioning is used the algorithm leads to parallel version of sort merger join, with the advantage that output is available in sorted order.

6) If hash partitioning is used we obtain a parallel version of hash join.

Q.4] Explain Distributed Transaction processing.

A distributed database management system should be able to survive in a system failure conditions.

if a DBMS is having a system failure then it should be possible to restart the system without losing any of the information contained in the database.

this property can be offered by transaction processing as in centralised databases.

any transaction can be either local or global transaction.

1) local transaction - A local transaction is any transaction which works only on own site where it is located.

2) Global transaction -

Any transaction designed for working on multiple sites is a global transaction.

3) Transaction monitor -

Transaction is assigned to a transaction monitor and the time when the transaction first enters the distributed database system.

a) distributed commit —

A global site is set many local transactions due to which committing a global transactions becomes more difficult.

Transaction are either completed successfully or all aborted successfully.

Transaction processing is meant for concurrent execution and recovery from possible system failure in a DBMS.

Practical Evaluation-CPOT

INDEX

Exp. No.	Title	Date	Page No	CO	C (3)	P (4)	O (3)	Total (10)	Sign
1.	Searching & sorting	16/7/24	1-11	CO1 CO2 CO3 CO5	3	3	2	8	<i>[Signature]</i>
2.	Implementat ⁿ of stack	30/7/24	12-20	CO1 CO2 CO3	3	3	3	9	<i>[Signature]</i>
3.	Circular Queue	16/8/24	25-32	CO1 CO2	3	3	2	8	<i>[Signature]</i>
4.	Expression tree & traversal	09/8/24	33-40	CO1 CO3	3	3	3	9	<i>[Signature]</i>
5.	Binary search tree	5/9/24	41-49	CO1 CO3	3	3	3	9	<i>[Signature]</i>
6.	Threaded Binary tree	12/9/24	50-56	CO1 CO5	3	3	3	9	<i>[Signature]</i>
7.	Minimum Spanning tree	19/9/24	57-65	CO1 CO2 CO3	3	3	3	9	<i>[Signature]</i>
8.	Shortest path	26/9/24	66-73	CO5	3	3	2	8	<i>[Signature]</i>
9.	Heap sort	3/10/24	74-80	CO1 CO2	3	3	3	9	<i>[Signature]</i>
10.	Sequential file	11/10/24	81-91	CO1 CO2 CO3	3	3	3	9	<i>[Signature]</i>
	Organization								
CO1:	Perform basic analysis of algorithm with respect time & space complexity.								
CO2:	Select appropriate searching/sorting technique								
CO3:	Implement ADT and data structure for given application.								
CO4:	Design algorithm based on - force, divide-conquer, greedy etc.								
CO5:	Apply implement learned algorithm design technique.								
CO6:	Design different hashing function and analysis of algorithm.								
Abbreviations: C: Correction P: Performance O: Oral									



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Jawahar Education Society's,
**INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH, NASHIK.**

(Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to Savitribai Phule Pune University)

Department of Information Technology

Correction (03)	Performance (04)	Oral (03)	Total (10)	Signature
3	3	2	8	

Experiment No.	1
Title	Consider a student database of SEIT class (at least 15 records). Database contains different fields of every student like Roll No, Name and SGPA.(array of structure) a) Design a roll call list, arrange list of students according to roll numbers in ascending order (Use Bubble Sort) b) Arrange list of students alphabetically. (Use Insertion sort) c) Arrange list of students to find out first ten toppers from a class. (Use Quick sort) d) Search students according to SGPA. If more than one student having same SGPA, then print list of all students having same SGPA. e) Search a particular student according to name using binary search without recursion. (all the student records having the presence of search key should be displayed) (Note: Implement either Bubble sort or Insertion Sort.)
Date	16/7/24
Roll. No.	72
Batch	Batch-3
Class	SE IT
Subject	Data Structure And Algorithms Laboratory Lab : 214447
Course Outcome (CO)	CO1: To study data structures and their implementations and applications. CO2: To learn different searching and sorting techniques. CO3: To study some advanced data structures such as trees, graphs and tables. CO5: To learn algorithm development and analysis of algorithms.

Assignment - 1 : Searching and Sorting

Aim : To implement various searching and sorting algorithm on database of students implemented using array of structure.

Problem statement :

Consider a student database of SEIT class. database

Contain different fields of every student like Roll.No., Name

SGPA. 1) Design a roll call list, arrange list of students according to roll number in ascending order. 2) Arrange list of student alphabetically. 3) Search student according to SGPA.

Objective :

- 1) To student the concept of array of structure.
- 2) To understand the concept, algorithm and application of Sorting.
- 3) To understand the concept, algorithm and application of Searching.

Outcome :

- 1) understand linear data structure - array of structure.
- 2) Apply different sorting technique on array of structure.
- 3) Apply different searching technique on array of structure and display the output for every pass.
- 4) Calculate time complexity.

Theory:

1) Structure

Structure is collection of heterogeneous type of data. In C++ a structure collects different data items in such a way that they can be referenced as a single unit.

Creating a structures:

struct student

{ int roll-no;

char name [15];

float sgpa;

};

int

char name [15]

float

roll-no

(1 byte each)

SGPA 4 byte

2 bytes

Declaring structure variable:

After declaring a structure, you can define the structure variable, for instance, the following structure variable are defined with the structure datatype of automobile from previous section.

struct student s1, s2, s3;

Referencing structure members with dot operator.

Given the structure student and sl is variable of type struct student we can access the fields:

sl.roll-no;

sl.name

sl.sgpa;

Pointer to structure:

We can declare a pointer variable which is capable of storing the address of a structure variable as follow:

```
struct student * ptr;
```

```
struct student sl;
```

```
ptr = &sl;
```

using ptr can store access the fields of sl:

ptr -> name or (*ptr).name

Array of structure:

To declare array of structure:

```
struct student s[20];
```

```
cout << s[3].name;
```

Sorting:

It is the process of arranging or ordering information in the ascending or descending order of the key values.

Bubble Sort:

This is one of the simplest most popular sorting method. The basic data idea is pass through the array sequentially several time. In each pass we compare successive pairs of elements ($A[i]$ with $A[i+1]$) and swap if they are not in the required order.

Example:

Compare two consecutive element, if first element is greater than second then interchange the element else no change.

pass-1

-2	45	0	11	-9
-2	45	0	11	-9
-2	0	45	11	-9
-2	0	11	45	-9
-2	0	11	-9	45

Pass-2

-2	0	11	-9	45
-2	0	11	-9	45
-2	0	11	-9	45
-2	0	-9	11	45

Pass-3

-2	0	-9	11	45
-2	0	-9	11	45
-2	-9	0	11	45

Pass-4 -2 -9 0 11 45 8 2 2 1
 -9 -2 0 11 45 8 2 2 1

Insertion sort

Insertion sort works similarly as we sort cards in our hand in a card game. We assume that the first card is already sorted then, we select unsorted card. If the unsorted card is greater than the card in hand.

Analysis:

Worst case complexity - $O(n^2)$

Best case complexity - $O(n)$

Average case complexity - $O(n^2)$

Examples: need to sort array:

9 5 1 4 3

Step-1 9 5 1 4 3 Key = 5

9 5 1 4 3
5 9 1 4 3

Step-2 5 9 1 4 3 Key = 1

5 9 1 4 3
5 9 9 4 3
5 9 9 4 3
1 5 9 4 3

Step-3 1 5 9 4 3 Key = 4

1 5 9 9 3

1 5 5 9 3 24 11 0 2- 2- 0-2209
1 4 5 9 3 24 11 0 2- 2- 0-

Step-4 1 4 5 9 3 key=3

1 4 5 9 3
1 4 5 9 3
1 4 5 9 3
1 4 5 9 3
1 3 4 5 9

Quick Sort:

Quick sort an algorithm based on divide and conquer approach in which the array is split into sub array and these sub-array are recursively called sort the elements.

Analysis:

Worst case complexity - [Big O] - $O(n^2)$

Best case complexity - [Big-omega] - $O(n \log n)$

Average case complexity - [Big-theta] - $O(n \log n)$

Example:

26 22 12 29 19 35 33

↑

pivot

26 22 12 29 19 33 35

↑

pivot

26 22 12 19 29 33 35

26 22 12 19 29 33 35

↓
pivot

12 19 26 22 29 33 35

↓
pivot

12 19 22 26 29 33 35

Searching:

Searching is a process of retrieving or locating a record with a particular key value.

Linear Search:

Linear Search is the simplest searching algorithm that searches for an element in a list sequential order.

Analysis:

Time complexity - $O(n)$

Space Complexity - $O(1)$

Example:

12 5 10 15 31 20 25 2 40 Search=20

Step-1 12 5 10 15 31 20 25 2 40

no. to search == arr[0]

20 $\neq$ 12

Step-2 12 5 10 15 31 20 25 2 40

no. to search == arr[1]

22 $\neq$ 5

Step 3 12 5 10 15 31 20 25 2 40

no. to search == arr[2]

$20 \neq 10$

Step-4 12 5 10 15 31 20 25 2 40

no. of search == arr[3]

$20 \neq 15$

Step-5 12 5 10 15 31 20 25 2 40

no. of search == arr[4]

$20 \neq 31$

Step-6 12 5 10 15 31 20 25 2 40

no. of search == arr[5]

$20 = 20$

Yes 20 is present in array^{at} 5th position.

Binary Search :

This is a very efficient searching method used for linear / sequential data. In this search, data has to be in the sorted order either ascending or descending. Sorting has to be done based on the key values.

Analysis :

The process terminates when no more partitions are possible i.e. remaining file size = 1

$$n/2^k = 1$$

$$k = \log_2 n$$

Example:

Range middle point
4 5 7 11 12 15 15 21 40 45 key=11
0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9
4 5 7 11 12 15 15 21 40 45

0 1 2 3 4 5 6 7 8 9
4 5 7 11 12 15 15 21 40 45

0 1 2 3 4 5 6 7 8 9
4 5 7 11 12 15 15 21 40 45

Validation :

- 1) Limit of the array should not be -ve, and should not cross the lower and upper bound.
- 2) Roll numbers should not repeat should not -ve.
- 3) Name should only contain alphabets, space and should not allowed any other operation before the i/p list is entered by the user.

Test cases: Sorting

- i) Already sorted according to the requirement.
- ii) Sorted in reverse order.
- iii) partially sorted.
- iv) Completely Random list.

Expected output:

- 1) Test algorithm for above four test cases.
- 2) Analyze the algorithm based on no. of Comparison and swapping / shifting required.
- 3) check for sort stability factor.
- 4) No. of passes needed.
- 5) Memory space required to sort.

Searching:

Find the max and minimum comparison required to search element.

Calculate how many comparison are required for unsuccessful search.

Application:

useful in managing large amount of data.

②
Done

BACK

Termwork Evaluation

Department of Information Technology
Academic Year :2024-25 (Sem-II) PATTERN 2019

Class: TE			Term Work Assessment Sheet															Subject: CNS						
Roll No /Sr.No	Exam Seat No.	Name of The Student	Atten- dance (%)	Unit Test - I (30)	Unit Test - II (70)	Unit Test Marks (100))	Test Marks Out of (5)	Practical No.								Total Marks 80	PR Marks out of (5)	(A) PR Marks (5)	(B) OR Marks (Submi- ssion) (05)	(C) Test Marks (5)	(D) Assign- ments (5)	(E) Atten- dance (5)	TW (25)	Remark
								1	2	3	4	5	6	7	8									
1	T401140173	Bhalerao Prerna Vijay	88.89	15	40	55	3	9	8	9	9	8	9	9	9	70	4	4	4	3	4	3	18	
2	T401140174	Bharambe Pushpak Chandrakant	80.56	0	39	39	2	9	9	9	8	9	8	8	9	69	4	4	3	2	3	3	15	
3	T401140175	Bodke Kiran Navnath	94.44	12	25	37	2	9	9	9	9	8	9	8	9	70	4	4	4	2	3	3	16	
4	T401140176	Borse Pranjal Kailas	83.33	14	30	44	2	9	9	9	8	8	9	9	9	70	4	4	3	2	4	4	18	
5	T401140177	Daware Kalyani Sudam	94.44	10	24	34	2	9	9	8	9	8	9	9	9	70	4	4	4	2	3	3	16	
6	T401140178	Deokar Yash Suresh	86.11	13	22	35	2	9	8	8	9	9	9	9	9	70	4	4	3	2	4	4	17	
7	T401140179	Deshpande Swarali Nandkumar	83.33	12	39	51	3	9	9	9	8	9	8	9	9	70	4	4	4	3	4	3	18	
8	T401140180	Gade Shraddha Santosh	94.44	13	26	39	2	8	8	8	8	8	8	8	8	64	4	4	3	2	3	4	16	
9	T401140181	Gaikar Vaishnavi Narayan	88.89	24	45	69	3	8	8	8	8	8	8	8	8	64	4	4	4	3	5	5	21	
10	T401140182	Gaikwad Siddhesh Rajendra	80.56	14	45	59	3	9	9	9	8	9	8	9	9	70	4	4	4	3	4	5	20	
11	T401140183	Gangurde Sakshi Hemant	86.11	26	40	66	3	9	9	8	8	9	9	9	9	70	4	4	4	3	4	4	20	
12	T401140184	Gangurde Yash Satish	77.78	0	23	23	1	8	7	8	8	8	8	7	9	63	4	4	4	1	4	4	17	
13	T401140185	Gharate Sanket Gorakh	94.44	14	18	32	2	8	8	8	8	9	9	8	9	67	4	4	4	2	3	3	16	
14	T401140186	Gire Vinayak Aananda	86.11	12	38	50	3	7	7	8	8	7	7	7	8	59	4	4	4	3	3	3	16	
15	T401140187	Gunjal Mrunal Madan	83.33	14	45	59	3	9	9	9	9	9	8	8	9	70	4	4	5	3	5	5	22	
16	T401140188	Jadhav Anushka Dinesh	80.56	26	40	66	3	8	9	8	8	9	9	8	8	67	4	4	5	3	4	4	20	
17	T401140189	Jadhav Gauri Raju	83.33	25	34	59	3	9	9	9	8	9	9	9	9	71	4	4	4	3	4	4	19	
18	T401140190	Kahane Siddharth Manoj	77.78	3	35	38	2	9	9	8	9	9	8	9	9	70	4	4	3	2	3	4	16	
19	T401140191	Kanawade Arnav Jaysing	80.56	16	45	61	3	9	9	9	8	9	9	9	9	71	4	4	5	3	4	5	21	
20	T401140192	Kawade Jayashree Bhagwan	88.89	19	45	64	3	9	9	9	9	9	9	9	8	71	4	4	4	3	4	4	20	
21	T401140193	Kekane Sameer Sopan	86.11	10	25	35	2	7	7	8	8	8	8	8	8	62	4	4	4	2	4	4	18	
22	T401140194	Khairnar Kalpesh Punaji	86.11	10	40	50	3	9	8	9	8	8	9	8	8	67	4	4	3	3	3	3	16	
23	T401140195	Khairnar Tushar Dilip	94.44	13	50	63	3	9	9	8	9	9	9	9	9	71	4	4	4	3	5	4	21	
24	T401140196	Kshatriya Mohanish Rajesh	88.89	10	40	50	3	9	9	8	9	8	9	9	9	70	4	4	4	3	4	4	19	
25	T401140197	Kshirsagar Srushti Sharad	88.89	23	28	51	3	9	9	9	9	9	9	9	9	72	5	5	5	3	4	5	21	
26	T401140198	Mahale Saurav Nandkumar	83.33	6	50	56	3	9	9	8	9	9	8	8	9	69	4	4	4	3	5	4	20	

27	T401140199	Marathe Girish Devidas	80.56	15	30	45	2	9	9	8	8	9	9	9	9	70	4	4	4	2	3	4	18
28	T401140200	Pagar Harshal Sanjay	94.44	14	21	35	2	8	9	8	9	9	8	8	8	67	4	4	4	2	4	4	18
29	T401140201	Pandit Ashwajeet Shivaji	77.78	10	32	42	2	9	9	9	8	9	9	9	9	71	4	4	3	2	4	4	18
30	T401140202	Patil Abhay Ramesh	86.11	8	40	48	2	9	9	9	9	9	9	8	8	70	4	4	4	2	5	4	20
31	T401140203	Pawar Darshan Sunil	83.33	4	33	37	2	9	8	9	8	9	9	9	9	70	4	4	4	2	4	3	17
32	T401140204	Pehere Omkar Vijay	91.67	8	50	58	3	9	9	8	9	8	9	9	9	70	4	4	4	3	5	4	20
33	T401140205	Potinde Suprabha Prakash	88.89	7	28	35	2	9	9	8	9	8	9	9	9	70	4	4	4	2	5	4	19
34	T401140206	Ray Priya Rajmangal	88.89	19	36	55	3	9	9	9	9	8	9	9	9	71	4	4	5	3	4	4	20
35	T401140207	Sabale Anushka Bansilal	80.56	0	38	38	2	9	9	9	8	9	8	8	9	69	4	4	4	2	4	4	18
36	T401140208	Salve Vishal Bhausaheb	83.33	10	31	41	2	9	9	8	8	8	9	9	9	69	4	4	4	2	4	3	17
37	T401140209	Shendage Shubham Manik	91.67	13	37	50	3	7	7	7	7	7	7	7	7	56	4	4	4	3	3	3	16
38	T401140210	Shinde Srushti Dada	91.67	18	45	63	3	9	9	8	8	8	8	8	8	66	4	4	4	3	4	5	20
39	T401140211	Shinde Viraj Rameshwar	91.67	13	33	46	2	9	9	9	9	9	8	9	8	70	4	4	3	2	4	4	18
40	T401140212	Shirsath Vishal Amar	88.89	0	40	40	2	9	9	9	9	9	8	8	8	69	4	4	4	2	5	5	20
41	T401140213	Somwanshi Purvesh Sanjay	77.78	0	22	22	1	9	9	8	9	9	8	9	9	70	4	4	4	1	3	4	16
42	T401140214	Sonar Vedant Rohit	88.89	10	22	32	2	8	8	8	7	8	9	8	8	64	4	4	3	2	3	4	16
43	T401140215	Sonawane Shivani Vijay	94.44	23	50	73	4	9	9	9	9	9	9	9	9	72	5	5	5	4	4	5	22
44	T401140216	Susar Tushar Ashok	88.89	14	50	64	3	9	9	8	9	8	9	9	9	70	4	4	5	3	4	5	22
45	T401140217	Tamkhane Tushar Satish	86.11	6	40	46	2	9	9	9	8	8	9	9	9	70	4	4	3	2	4	5	19
46	T401140218	Tidame Sakshi Devchand	80.56	0	20	20	1	9	9	8	9	8	9	9	9	70	4	4	4	1	4	3	16
47	T401140219	Vadnerkar Mohit Manoj	83.33	12	30	42	2	9	9	8	9	8	9	9	9	70	4	4	3	2	3	4	16
48	T401140220	Yeole Tiksha Lalit	88.89	10	25	35	2	8	8	8	9	9	8	8	9	67	4	4	3	2	3	4	16

SWJ

Mr. S. B. Patil

Subject In-charge
(Dept. of Information Technology)



SWJ

Mr. S. B. Patil

Head,
(Dept. of Information Technology)

Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik

Department of Computer Engineering
Academic Year :2024-25 (Sem-II) PATTERN 2019

Class: TE			Term Work Assessment Sheet																				Subject: DSBDA									
Roll No /Sr.No	Exam Seat No.	Name of The Student	Attendance (%)	Unit Test -I (30)	Unit Test - II (70)	Test Marks Total (100)	Test Marks Out of (10)	Practical No.															Total Marks	PR Marks out of (10)	(A) PR Marks (10)	(B) OR Marks (10)	(C) Test Marks (10)	(D) Assignments (10)	(E) Attendance (10)	TW (50)	Remark	
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	150									
1	T401140103	AGRAWAL DARSHAN VINOD	76	25	45	70	7	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	127	8	8	7	7	8	8	38	38	
2	T401140104	AHIRRAO ADITYA JAYANT	95	16	54	70	7	10	9	10	9	9	9	9	10	9	9	9	10	9	9	9	139	9	9	9	7	10	10	45	45	
3	T401140106	BHAMARE SIDDHI PRADIP	88	15	57	72	7	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	127	8	8	7	7	9	9	40	40	
4	T401140107	BHAMARE YASH RAJENDRA	75	20	40	60	6	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	112	7	7	6	6	7	8	34	34	
5	T401140109	CHAUDHARI ADITYA BHARAT	76	20	51	71	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	97	6	6	6	7	7	8	34	34	
6	T401140110	CHAUDHARI SAUKHYDA ASHOK	96	24	52	76	7	9	10	9	9	10	9	10	9	9	9	10	10	9	10	9	141	9	9	9	7	10	10	45	45	
7	T401140111	CHAVAN PRATIK AANNA	77	26	33	59	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	105	7	7	7	6	6	8	34	34	
8	T401140112	CHAVHANKE RUSHIKESH SURESH	77	26	34	60	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	105	7	7	7	6	6	8	34	34	
9	T401140114	DATRE SANSKRUTI SANJAY	90	18	52	70	7	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	127	8	8	7	7	9	9	40	40	
10	T401140117	GANGURDE PREM SHANKAR	79	22	40	62	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	120	8	8	8	6	8	8	38	38	
11	T401140118	GARJE SACHIN AJINATH	75	24	AB	24	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	90	6	6	5	5	6	8	30	30	
12	T401140121	GURSAL PRATHAMESH SANDIP	90	26	47	73	7	10	10	9	9	9	9	10	10	9	9	9	9	10	9	9	140	9	9	9	7	10	9	44	44	
13	T401140122	JADHAV SNEHAL DADASAHEB	75	AB	30	30	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	8	AB	AB	
14	T401140123	KADAM SNEHA JANARDHAN	77	22	47	69	7	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	127	8	8	7	7	8	8	38	38	
15	T401140125	KARALE ABHAY RAMESH	77	24	44	68	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	120	8	8	7	7	8	8	38	38	
16	T401140126	KAWADE SHRUTI BABASAHEB	95	25	45	70	7	9	9	9	10	10	9	9	9	9	10	10	9	9	9	9	139	9	9	9	7	10	10	45	45	
17	T401140127	KHAIRATE SARTHAK KIRAN	76	18	49	67	7	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	112	7	7	8	7	8	8	38	38	
18	T401140128	KHAIRNAR KALPESH PRABHAKAR	88	19	56	75	8	9	9	9	8	9	9	9	9	9	8	9	9	9	9	9	133	9	9	9	8	9	9	44	44	
19	T401140130	MAHALE MAYUR SANTOSH	76	24	45	69	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	120	8	8	7	7	6	8	36	36	
20	T401140131	MANE POOJA RAMDAS	91	26	45	71	7	8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	127	8	8	7	7	9	9	40	40	
21	T401140132	MATALE ANJALI KONDAJI	80	18	48	66	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	120	8	8	7	7	8	8	38	38	
22	T401140133	MAULE KAMALAKAR RAMU	78	22	38	60	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	105	7	7	7	6	6	8	34	34	
23	T401140134	MORE SHRAVANI SUDHIR	96	24	37	61	6	7	8	8	9	9	9	8	8	9	9	9	9	10	9	9	130	9	9	5	6	10	10	40	40	
24	T401140135	NAGARE PRERNA VIJAY	96	18	39	57	6	8	8	8	8	7	8	8	8	8	8	8	8	8	9	8	120	8	8	6	6	10	10	40	40	
25	T401140139	PARTH ASHUTOSH KULKARNI	95	22	49	71	7	9	10	9	10	9	10	9	10	9	10	9	10	9	10	9	142	9	9	6	7	10	10	42	42	
26	T401140140	PATEL PRERANA SANJAY	97	24	56	80	8	9	9	10	10	9	9	10	10	9	9	9	9	10	10	9	141	9	9	10	8	10	10	47	47	
27	T401140141	PATHADE TRUPTI NARAYA	98	20	60	80	8	10	9	9	9	10	10	9	10	9	10	9	10	9	10	9	142	9	9	10	8	10	10	47	47	
28	T401140142	PATIL DARSHANA RAJENDRA	98	18	58	76	8	10	9	10	9	9	9	9	10	10	9	9	10	10	9	10	142	9	9	10	8	10	10	47	47	
29	T401140143	PATIL HARSHAL SURESH	96	18	51	69	7	8	9	9	9	8	9	9	9	10	10	9	10	10	9	9	137	9	9	6	7	10	10	42	42	
30	T401140144	PATIL RITESH ISHWAR	95	22	36	58	6	8	9	9	8	9	9	9	9	8	9	9	8	9	9	9	131	9	9	5	6	10	10	40	40	

401140145	PAWAR SAMARTH BAPU	78	24	30	54	5	6	7	6	7	6	7	6	7	6	7	6	7	6	97	6	6	7	5	9	8	35	35
T401140148	RITIKA NINAD SHETYE	95	18	42	60	9	9	10	9	10	9	10	9	10	9	10	9	10	9	142	9	9	7	6	10	10	42	42
T401140150	SAKSHI MADHUKAR THAKRE	97	22	50	72	7	9	10	9	10	9	9	9	9	10	9	10	9	9	139	9	9	9	7	10	10	45	45
T401140152	SHAIKH MOHD AREEB MOHD BASHIR	98	24	55	79	8	10	9	10	9	10	9	10	9	10	9	10	9	10	143	10	10	9	8	10	10	47	47
T401140154	SHIMPI AKSHAY VINOD	96	14	55	69	7	10	9	10	9	10	9	10	9	10	9	10	9	10	143	10	10	7	7	10	10	44	44
T401140157	SHIRSATH PAVAN BABASAHEB	88	18	42	60	6	9	9	9	9	9	9	9	9	9	9	9	9	9	135	9	9	6	6	10	9	40	40
T401140158	SHRAVANI SACHIN KORDE	79	20	56	76	7	8	9	8	9	8	9	8	9	8	9	8	9	8	127	8	8	8	7	8	8	39	39
T401140159	SONAWANE ASHMIT VAIBHAV	88	18	51	69	7	8	8	8	9	9	8	8	8	9	9	8	8	8	126	8	8	7	7	9	9	40	40
T401140161	SONAWANE VIRA RAJESH	95	22	48	70	7	9	9	9	9	9	9	9	9	9	10	10	9	9	137	9	9	8	7	10	10	44	44
T401140163	SURYAJOSHI PALASH VISHWAS	76	18	40	58	6	6	7	6	7	6	7	6	7	6	7	6	7	6	97	6	6	8	6	6	8	34	34
T401140164	SWAPNIL HEMANT CHAVHAN	95	18	55	73	6	9	8	9	9	9	9	8	9	9	9	8	9	9	132	9	9	5	6	10	10	40	40
T401140166	TEKE VAISHNAVI UDAY	79	18	50	68	7	8	9	8	9	8	9	8	9	8	9	8	9	10	130	9	9	8	7	8	8	40	40
T401140168	THAKARE SHREYA ASHOK	80	22	50	72	7	8	8	8	8	8	9	8	9	8	8	9	9	9	127	8	8	7	7	8	8	38	38
T401140169	THAKARE SHRUTIKA SUNIL	81	20	51	71	7	8	8	8	8	8	8	8	8	8	8	8	8	8	120	8	8	7	7	8	8	38	38
T401140170	VAIBHAV DEVIDAS SONAWANE	97	18	62	80	8	10	9	10	9	10	9	10	9	10	9	10	9	10	143	10	10	9	8	10	10	47	47
T401140171	WAGH SWAMI YOGESH	78	20	51	71	7	7	7	7	7	7	7	7	7	7	7	7	7	7	105	7	7	8	7	6	8	36	36
T401140146	RAJPUT UDAYSING BHARATSING	76	21	40	61	6	7	7	7	7	7	7	7	7	7	7	7	7	7	105	7	7	6	6	8	8	35	35
T401140129	LENGARE SAKSHI KAILAS	75	22	38	60	6	7	8	7	8	7	8	7	8	7	8	7	8	7	112	7	7	7	6	8	8	36	36
T401140102	ADITI ANNA BHADANGE	79	20	38	58	6	7	8	7	8	7	8	7	8	7	8	7	8	7	112	7	7	7	6	8	8	36	36
T401140155	SHINGOTE BHAGYASHREE DIPAK	77	18	39	57	6	7	7	7	7	7	7	7	7	7	7	7	7	7	105	7	7	7	6	7	8	35	35
T401140167	THAKARE HARSHAL RAJENDRA	76	17	43	60	6	8	7	8	7	8	7	8	7	8	7	8	7	8	113	8	8	8	6	6	8	36	36

Subject In-charge
(Dept. of Computer Engg.)



Head,
(Dept. of Computer Engg.)

Head
Department of Computer Engineering
Institute of Technology, Management & Research
Nashik



(Accredited by NAAC)

Jawahar Education Society's,
**INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH, NASHIK.**

(Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to Savitribai Phule Pune University)

Department of Computer Engineering

Submission Details Sem 2 (A.Y.2024-25)

Class/Div : SE A

Subject: Microprocessors

Roll No. Div A	PRN Number	Exam Seat No.	Name of Students	Insem Marks	TW Marks	Signature
1	72454475F	S401140141	AHER ADITI ASHOK	16	22	Aher
2	72339521H	S401140142	AHER PRATHAMESH DADASAHEB	18	11	Aher
3	72454476D	S401140143	AHIRE PAYAL ANIL	19	22	Ahire
4	72339527G		BACHHAV PIYUSH RAVINDRA	Admission Cancel ->		
5	72339529C	S401140145	BADE TEJAS RAMESH	24	21	Bade
6	72339531E	S401140146	BAGUL RUDRA KIRAN	21	20	Bagul
7	72339532C	S401140147	BAGUL TANMAY SHRINIWAS	21	21	Bagul
8	72339538B	S401140148	BHAGYASHRI HARESHWAR PATIL	05	11	Bhagya
9	72339540D	S401140149	BHAMARE YOGINI RAVINDRA	09	24	Bhamare
10	72339547M	S401140150	BORSE SWATI SANJAY	17	24	Borse
11	72339550M	S401140151	CHANDEL PIYUSH MAHENDRASINGH	14	16	Chandel
12	72454477B	S401140153	CHAUDHARI SWAYAM SUNIL	22	24	Chaudhari
13	72339552H	S401140154	CHAVAN NIKHIL SANJAY	13	17	Chavan
14	72339558G	S401140157	DESAI PRASAD ASHOK	12	11	Desai
15	72339560J	S401140158	DESHMUKH ANUSHKA SUNIL	21	22	Deshmukh
16	72339563C	S401140160	DHARBALE KARTIK BHIMRAJ	15	20	Dharbale
17	72339565K	S401140161	DHONDGE ADITYA SANJAY	24	20	Dhondge
18	72339567F	S401140162	DUMBARE SHUBHAM BALASAHEB	18	23	Dumbare
19	72339569B	S401140163	GADAKH ATHARVA YOGESH	14	19	Gadakh
20	72454478L	S401140164	GADWE TANAY NITIN	08	21	Gadwe
21	72454479J	S401140166	GANGURDE CHETAN SANDIP	18	24	Gangurde
22	72339578M	S401140169	HANDGE SARTHAK GANESH	14	15	Handge
23	72454480B	S401140170	HARSHADA DIPAK PATIL	13	22	Harshada
24	72339579K	S401140171	HIRE NIRBHAY SATISH	27	20	Hire
25	72454481L	S401140172	JADHAV ATHARV PANDIT	24	23	Jadhav
26	72454482J	S401140174	JADHAV TANISHKA PRASAD	26	23	Jadhav
27	72454483G	S401140175	JANJAL VAIBHAV BHAGWAN	29	23	Janjal
28	72339587L	S401140176	KADNOR KUNAL KAILAS	23	22	Kadnor
29	72339588J	S401140177	KALE GAURAV GANESH	22	23	Kale
30	72339589G	S401140178	KALE KULDEEPP ASHOK	24	20	Kale
31	72339590L	S401140179	KANASE KIRAN AUDUMBAR	16	20	Kanase
32	72339593E	S401140180	KHAIRE RAHUL SOMANATH	17	16	Khaire

33	72454484E	S401140181	KHANDBAHALE SHRIRAM SUNIL	22	10	Amis
34	72454485C	S401140183	KSHATRIYA SAMRUDDHI YOGESH	21	22	Samruddhi
35	72339597H	S401140184	KULDHAR PRATHAMESH SUNIL	18	15	Prathamesh
36	72339601K	S401140186	LOHAR PRANAV ASHOK	22	22	Pranav
37	72339602H	S401140187	LOHAR PRATIK ASHOK	20	20	Pratik
38	72339603F	S401140188	LONDHE ADITYA KHUSHAL	05	17	Aditya
39	72454486M	S401140189	MAHAJAN KIRTI KAILAS	14	24	Kirti
40	72339605B	S401140190	MAHAJAN YASHWANT WALMIK	09	22	Yashwant
41	72339610J	S401140191	MALSANE RUTUJA GANPAT	23	21	Rutuja
42	72339611G	S401140192	MARATHE HARSHADA DEVIDAS	15	21	Harshada
43	72339613C	S401140193	MASURKAR VIVEK GAJENDRA	12	16	Vivek
44	72339616H	S401140197	MOHAMMAD AFFAN ALTAFA SHAIKH	08	17	Affan
45	72339617F	S401140198	MOHITE PRATIKSHA RAMESH	06	21	Pratiksha
46	72454487K	S401140199	MORE SAKSHI BALKRISHNA	17	22	Sakshi
47	72339619B	S401140200	MORE UMESH SANJAY	19	22	Umesh
48	72339620F	S401140201	MUSALE OMKAR ABAJI	17	20	Omkar
49	72454488H	S401140203	NANAWARE RUSHIKESH RAVINDRA	14	20	Rushikesh
50	72339627C	S401140204	NAVALE VAIBHAV BANDU	13	20	Vaibhav

Mrs. M.S. Shelar
Mrs. M.S. Shelar.
Subject Teacher

Mrs. G.P. Mohole
Mrs. G.P. Mohole
H.O.D





(Accredited by NAAC)

Jawahar Education Society's,
**INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH, NASHIK.**

(Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to Savitribai Phule Pune University)

Department of Computer Engineering

TE Computer Tw Sheet Semester: II (A.Y. 2024-25)

Subject : *web Technology*

Faculty Name : *MR. G. P. Mohole*

Roll No.	Student Name	TW	Sign
1	AGRAWAL DARSHAN VINOD	20	<i>[Signature]</i>
2	AHIRRAO ADITYA JAYANT	23	<i>[Signature]</i>
3	BHAMARE SIDDHI PRADIP	18	<i>[Signature]</i>
4	BHAMARE YASH RAJENDRA	15	<i>[Signature]</i>
5	CHAUDHARI ADITYA BHARAT	22	<i>[Signature]</i>
6	CHAUDHARI SAUKHYDA ASHOK	22	<i>[Signature]</i>
7	CHAVAN PRATIK AANNA	14	<i>[Signature]</i>
8	CHAVHANKE RUSHIKESH SURESH	14	<i>[Signature]</i>
9	DATRE SANSKRUTI SANJAY	18	<i>[Signature]</i>
10	GANGURDE PREM SHANKAR	17	<i>[Signature]</i>
11	GARJE SACHIN AJINATH	14	<i>[Signature]</i>
12	GURSAL PRATHAMESH SANDIP	21	<i>[Signature]</i>
13	JADHAV SNEHAL DADASAHEB	Ab	<i>Absent</i>
14	KADAM SNEHA JANARDHAN	18	<i>[Signature]</i>
15	KARALE ABHAY RAMESH	17	<i>[Signature]</i>
16	KAWADE SHRUTI BABASAHEB	20	<i>[Signature]</i>
17	KHAIRATE SARTHAK KIRAN	16	<i>[Signature]</i>
18	KHAIRNAR KALPESH PRABHAKAR	20	<i>[Signature]</i>
19	MAHALE MAYUR SANTOSH	16	<i>[Signature]</i>
20	MANE POOJA RAMDAS	18	<i>[Signature]</i>
21	MATALE ANJALI KONDAJI	19	<i>[Signature]</i>
22	MAULE KAMALAKAR RAMU	Ab.	<i>Absent</i>
23	MORE SHRAVANI SUDHIR	21	<i>[Signature]</i>
24	NAGARE PRERNA VIJAY	20	<i>[Signature]</i>
25	PARTH ASHUTOSH KULKARNI	17	<i>[Signature]</i>
26	PATEL PRERANA SANJAY	20	<i>[Signature]</i>
27	PATHADE TRUPTI NARAYAN	23	<i>[Signature]</i>
28	PATIL DARSHANA RAJENDRA	18	<i>[Signature]</i>
29	PATIL HARSHAL SURESH	19	<i>[Signature]</i>

30	PATIL RITESH ISHWAR	20	Resh
31	PAWAR SAMARTH BAPU	16	Samarth
32	RITIKA NINAD SHETYE	16	Rita
33	SAKSHI MADHUKAR THAKRE	17	Sakshi
34	SHAIKH MOHD AREEB MOHD BASHIR	21	Mohd Bashir
35	SHIMPI AKSHAY VINOD	18	Akshay
36	SHIRSATH PAVAN BABASAHEB	17	Pavan
37	SHRAVANI SACHIN KORDE	15	Shravani
38	SONAWANE ASHMIT VAIBHAV	16	Ashmit
39	SONAWANE VIRA RAJESH	20	Vira
40	SURYAJOSHI PALASH VISHWAS	15	Palash
41	SWAPNIL HEMANT CHAVHAN	18	Swapnil
42	TEKE VAISHNAVI UDAY	17	Teke
43	THAKARE SHREYA ASHOK	18	Thakare
44	THAKARE SHRUTIKA SUNIL	18	Shrutika
45	VAIBHAV DEVIDAS SONAWANE	23	Vaibhav
46	WAGH SWAMI YOGESH	16	Wagh
47	RAJPUT UDAYSING BHARATSING	14	Rajput
48	LENGARE SAKSHI KAILAS	13	Lengare
49	ADITI ANNA BHADANGE	14	Aditi
50	SHINGOTE BHAGYASHREE DIPAK	13	Shingote
51	THAKARE HARSHAL RAJENDRA	14	Thakare


Mr. V. D. Badgujar
 Class Co-ordinator
G. P. Mohole




Mrs. G. P. Mohole
HOD
 Head
 Department of Computer Engineering
 Institute of Technology, Management & Research
 Nashik

Department of Mechanical Engineering
Academic Year :2024-25 (SEM-II)

Class: SE Mechanical Engineering

Termwork

Subject: Machine Shop [202051]

Roll No/ Sr.No	Exam Seat No.	Name of The Student	Attendance (%)	Practical No.						(A) PR Marks (20)	(B) OR Marks (10)	(C) Attendance (20)	TW (50)	Remark
				1	2	3	4	5	6					
1	S401140020	BADADALE GANESH RAMESH	80	8	8	8	8	8	8	16	3	16	35	<i>[Signature]</i>
2	S401140021	BAVISKAR RITESH KAILAS	100	7	7	7	7	7	7	14	1	20	35	<i>[Signature]</i>
3	S401140023	BHAVAR AKSHAY SANTOSH	100	8	8	8	8	8	8	16	6	20	42	<i>[Signature]</i>
4	S401140025	JAGDALE ROHIT JAGDISH	100	8	8	8	8	8	9	16	6	20	42	<i>[Signature]</i>
5	S401140026	KARKARE HRUSHIKESH	90	7	7	7	8	8	7	15	5	20	40	<i>[Signature]</i>
6	S401140027	KSHIRSAGAR JAYESH	100	7	8	8	7	7	7	15	5	20	40	<i>Jayesh</i>
7	S401140028	KUMAVAT PAVAN MURLIDHAR	90	7	6	6	7	7	7	13	2	20	35	<i>[Signature]</i>
8	S401140030	MOGAL SNEHA ASHOK	90	6	6	6	6	6	6	12	0	20	32	<i>[Signature]</i>
9	S401140032	PAWAR GAURAV RAOSAHEB	80	7	7	8	8	7	7	15	4	16	35	<i>[Signature]</i>
10	S401140033	SAKSHI SANJAY GAWARE	80	7	7	7	7	7	7	14	2	16	32	<i>[Signature]</i>
11	S401140036	SHREE SHEKHAR DEORE	100	6	7	7	7	7	7	13	0	20	33	<i>[Signature]</i>
12	S401140037	SISODIYA GAURANG	100	7	7	8	7	7	7	15	3	20	38	<i>[Signature]</i>
13	S401140038	SONI OM NAVIN	90	6	6	6	6	6	6	12	1	20	33	<i>[Signature]</i>

[Signature]
 Subject In-Charge
 (Dept. of Mechanical Engg.)



[Signature]
 HOD
 (Dept. of Mechanical Engg.)

AC/DI/07/A

Department of Mechanical Engineering

Academic Year :2024-25 (Sem-II)

Class: BE Mechanical Engineering

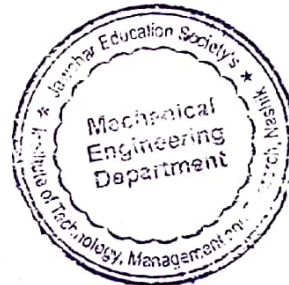
Termwork

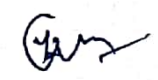
Subject: Mechanical Systems Analysis
Laboratory [402052]

Roll No/ Sr.No	Exam Seat No.	Name of The Student	Attendance (%)	Practical No.								(A) PR Marks (10)	(B) OR Marks (05)	(C) Attendance (10)	TW (25)	Remark
				1	2	3	4	5	6	7	8					
1	B401140021	Chaudhari Chaitnya Hemant	80	8	8	8	8	8	8	8	8	8	3	8		Absent
2	B401140026	Ghotekar Shubham	89	7	8	9	8	7	8	8	7	7	3	8		Absent

Note:- Students were Absent at the Examination


Subject In-charge
(Dept. of Mechanical Engg.)




Head,
(Dept. of Mechanical Engg.)

Department of Mechanical Engineering

Academic Year :2024-25 (Sem-II)

Class: BE Mechanical Engineering																<u>Termwork</u>								Subject: CIM 402048			
Roll No/ Sr.No	Exam Seat No.	Name of The Student	Atten- dance (%)	Practical No.								(A) PR Marks (10)	(B) OR Marks (05)	(C) Atten- dance (10)	TW (25)	Remark											
				1	2	3	4	5	6	7	8																
1	B401140021	Chaudhari Chaitnya Hemant	80	8	8	8	8	8	8	8	8	8	3	8	19	Absent											
2	B401140026	Ghotekar Shubham	89	7	8	9	8	7	8	8	7	7	3	8	18	Absent											


Subject In-charge
(Dept. of Mechanical Engg.)




Head,
(Dept. of Mechanical Engg.)

Department of Computer Engineering
Academic Year :2024-25 (Sem-II) PATTERN 2019

Class: TE			Term Work Assessment Sheet																			Subject: WTL			
Roll No /Sr.No	Exam Seat No.	Name of The Student	Attendance (%)	Unit Test -I (30)	Unit Test - II (70)	Test Marks Total (100)	Test Marks Out of (5)	Practical No.											Total Marks	PR Marks out of (5)	(A) PR Marks (5)	(B) Submi ssion Marks (5)	(D) Assign-ments (5)	TW (25)	Remark
								1	2	3	4	5	6	7	8	9	10	11							
1	T401140103	AGRAWAL DARSHAN VINOD	76	25	52	70	4	8	9	8	9	8	9	8	9	8	9	8	93	4	4	4	4	20	
2	T401140104	AHIRRAO ADITYA JAYANT	95	16	56	70	4	8	9	10	10	9	8	8	9	8	9	9	97	4	4	5	5	23	
3	T401140106	BHAMARE SIDDHI PRADIP	88	15	57	72	4	8	9	8	9	8	9	8	9	8	9	8	93	4	4	3	3	18	
4	T401140107	BHAMARE YASH RAJENDRA	75	20	53	60	3	7	8	7	8	7	8	7	8	7	8	7	82	4	4	3	2	15	
5	T401140109	CHAUDHARI ADITYA BHARAT	76	20	55	71	4	10	9	8	8	9	10	8	8	6	10	6	92	4	4	5	4	22	
6	T401140110	CHAUDHARI SAUKHYDA ASHOK	96	24	59	76	4	9	10	9	9	10	9	10	9	9	9	10	103	5	5	4	5	22	
7	T401140111	CHAVAN PRATIK AANNA	77	26	54	59	3	7	7	7	7	7	7	7	7	7	7	7	77	4	4	2	3	14	
8	T401140112	CHAVHANKE RUSHIKESH SURESH	77	26	52	60	3	7	7	7	7	7	7	7	7	7	7	7	77	4	4	2	2	14	
9	T401140114	DATRE SANSKRUTI SANJAY	90	18	56	70	4	8	9	8	9	8	9	8	9	8	9	8	93	4	4	3	3	18	
10	T401140117	GANGURDE PREM SHANKAR	79	22	54	62	3	8	8	8	8	8	8	8	8	8	8	8	88	4	4	3	3	17	
11	T401140118	GARJE SACHIN AJINATH	75	24	AB	24	1	7	8	8	8	9	9	8	8	7	8	10	90	4	2	5	2	14	
12	T401140121	GURSAL PRATHAMESH SANDIP	90	26	65	73	4	7	8	8	8	9	9	8	8	7	8	10	90	4	4	5	4	21	
13	T401140122	JADHAV SNEHAL DADASAHEB	75	AB	59	30	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	AB	AB
14	T401140123	KADAM SNEHA JANARDHAN	77	22	52	69	3	8	9	8	9	8	9	8	9	8	9	8	93	4	4	4	2	18	
15	T401140125	KARALE ABHAY RAMESH	77	24	54	68	3	8	8	8	8	8	8	8	8	8	8	8	88	4	4	3	3	17	
16	T401140126	KAWADE SHRUTI BABASAHEB	95	25	56	70	4	9	9	9	10	10	9	9	9	9	10	10	103	5	5	4	3	20	
17	T401140127	KHAIRATE SARTHAK KIRAN	76	18	53	67	3	7	8	7	8	7	8	7	8	7	8	7	82	4	4	2	3	16	
18	T401140128	KHAIRNAR KALPESH PRABHAKAR	88	19	62	75	4	8	8	9	8	8	7	8	7	8	8	10	89	4	4	4	4	20	
19	T401140130	MAHALE MAYUR SANTOSH	76	24	58	69	3	8	8	8	8	8	8	8	8	8	8	8	88	4	4	2	3	16	
20	T401140131	MANE POOJA RAMDAS	91	26	56	71	4	8	9	8	9	8	9	8	9	8	9	8	93	4	4	3	3	18	
21	T401140132	MATALE ANJALI KONDAJI	80	18	58	66	3	8	8	8	8	8	8	8	8	8	8	8	88	4	4	4	3	18	
22	T401140133	MAULE KAMALAKAR RAMU	78	22	61	60	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	AB	AB
23	T401140134	MORE SHRAVANI SUDHIR	96	24	55	61	3	7	8	8	9	9	9	8	8	9	9	9	93	4	4	5	4	21	
24	T401140135	NAGARE PRERNA VIJAY	96	18	59	57	3	8	8	8	8	7	8	8	8	8	8	8	87	4	4	2	4	18	
25	T401140139	PARTH ASHUTOSH KULKARNI	95	22	63	71	4	9	10	9	10	9	10	9	10	9	10	9	104	5	5	2	2	17	

26	T401140140	PATEL PRERANA SANJAY	97	24	52	80	4	9	9	10	10	9	9	10	10	9	9	9	103	5	5	3	4	21
27	T401140141	PATHADE TRUPTI NARAYA	98	2	68	80	4	9	9	8	9	9	10	10	10	10	9	0	93	4	4	5	5	23
28	T401140142	PATIL DARSHANA RAJENDRA	98	18	59	76	4	10	9	10	9	9	9	9	10	10	9	9	103	5	5	3	2	18
29	T401140143	PATIL HARSHAL SURESH	96	18	52	69	3	8	9	9	9	8	9	9	9	10	10	9	99	5	5	3	3	19
30	T401140144	PATIL RITESH ISHWAR	95	22	59	58	3	8	9	9	8	9	9	9	9	8	9	9	96	4	4	4	4	20
31	T401140145	PAWAR SAMARTH BAPU	78	24	58	54	3	6	7	6	7	6	7	6	7	6	7	6	71	3	3	3	3	16
32	T401140148	RITIKA NINAD SHETYE	95	18	54	60	3	9	10	9	10	9	10	9	10	9	10	9	104	5	5	2	2	16
33	T401140150	SAKSHI MADHUKAR THAKRE	97	22	52	72	4	9	10	9	10	9	9	9	9	10	9	10	103	5	5	2	2	17
34	T401140152	SHAIKH MOHD AREEB MOHD	98	24	50	79	4	10	9	10	9	10	9	10	9	10	9	10	105	5	5	4	3	21
35	T401140154	SHIMPI AKSHAY VINOD	96	14	59	69	3	10	9	10	9	10	9	10	9	10	9	10	105	5	5	2	3	18
36	T401140157	SHIRSATH PAVAN BABASAHEB	88	18	63	60	3	9	9	9	9	9	9	9	9	9	9	9	99	5	5	2	3	17
37	T401140158	SHRAVANI SACHIN KORDE	79	20	52	76	4	8	9	8	9	8	9	8	9	8	9	8	93	4	4	2	2	16
38	T401140159	SONAWANE ASHMIT VAIBHAV	88	18	58	69	3	8	8	8	9	9	8	8	8	9	9	8	92	4	4	2	2	16
39	T401140161	SONAWANE VIRA RAJESH	95	22	54	70	4	9	9	9	9	9	9	9	9	9	10	100	5	5	4	3	20	
40	T401140163	SURYAJOSHI PALASH VISHWAS	76	18	AB	58	3	7	8	8	8	7	8	8	7	7	8	8	84	4	3	3	2	15
41	T401140164	SWAPNIL HEMANT CHAVHAN	95	18	59	73	4	9	8	9	9	9	9	9	8	9	9	9	97	4	4	3	2	18
42	T401140166	TEKE VAISHNAVI UDAY	79	18	63	68	3	8	9	8	9	8	9	8	9	8	9	8	93	4	4	3	2	17
43	T401140168	THAKARE SHREYA ASHOK	80	22	52	72	4	8	8	8	8	8	9	8	9	8	8	9	91	4	4	3	3	18
44	T401140169	THAKARE SHRUTIKA SUNIL	81	20	58	71	4	8	8	8	8	8	8	8	8	8	8	8	88	4	4	3	3	18
45	T401140170	VAIBHAV DEVIDAS SONAWANE	97	18	59	80	4	10	9	10	9	10	9	10	9	10	9	10	105	5	5	4	5	23
46	T401140171	WAGH SWAMI YOGESH	78	20	52	71	4	7	7	7	7	7	7	7	7	7	7	7	77	4	4	3	2	16
47	T401140146	RAJPUT UDAYSING BHARATSING	76	21	52	61	3	7	7	7	7	7	7	7	7	7	7	7	77	4	4	2	2	14
48	T401140129	LENGARE SAKSHI KAILAS	75	22	58	60	3	7	8	7	8	7	8	7	8	7	8	7	82	4	4	1	2	13
49	T401140102	ADITI ANNA BHADANGE	79	20	59	58	3	7	8	7	8	7	8	7	8	7	8	7	82	4	4	2	1	14
50	T401140155	SHINGOTE BHAGYASHREE DIPAK	77	18	52	57	3	7	7	7	7	7	7	7	7	7	7	7	77	4	4	1	2	13
51	T401140167	THAKARE HARSHAL RAJENDRA	76	17	59	60	3	8	7	8	7	8	7	8	7	8	7	8	83	4	4	2	1	14

Can

Subject In-charge
(Dept. of Computer Engg.)



BACK

G. P. Mohole

Prof. G. P. Mohole
Head,
(Dept. of Computer
Engg.)

Department of Computer Engineering
Institute of Technology, Management & Research

Seminar Evaluation



Department of Computer Engineering

**310249: Seminar and Technical
Communication
(Guidelines and Log Book)**

Third Year Computer Engineering

Academic Year: 2024-25 Sem I

Roll No: 49 (Seat No. T401140102)

Name of Student: Bhadange Aditi Anna

Mobile No.: 9423309674 e-Mail ID: aditibhadange@gmail.com

Seminar Title: Personalized E-commerce Recommendations
using collaborative Filtering in ML.

Seminar Guide: Mrs. M.S. Shelar

Area of the Seminar: Machine Learning.

Jawahar Education Society's,
Institute of Technology, Management and Research, Nashik
Survey No. 48, Govardhan, Gangapur Road, Nashik-422 222

Affiliated to

Savitribai Phule Pune University, Pune



3. Record of Visit

Sr. No.	Date	Details of Discussion/ Remark	Signature of Guide/ Seminar In charge
1.	8/3/25	Topic Finalization	
2.	15/3/25	Topic Finalization	
3.	22/3/25	Preparing draft of proposal of seminar	
4.	1/4/25	Submission of Proposal	
5.	8/4/25	Preparing for presentation	
6.	15/4/25	Preparing for presentation	
7.	22/4/25	Seminar Report rough draft Preparation	
8.	29/4/25	Seminar Report finalization	
9.	5/5/25	Seminar Report submission	
10.			



3. Record of Visit

Sr. No.	Date	Details of Discussion/ Remark	Signature of Guide/ Seminar In charge
1.	8/3/25	Topic Finalization	
2.	15/3/25	Topic Finalization	
3.	22/3/25	Preparing draft of proposal of seminar	
4.	1/4/25	Submission of Proposal	
5.	8/4/25	Preparing for presentation	
6.	15/4/25	Preparing for presentation	
7.	22/4/25	Seminar Report rough draft Preparation	
8.	29/4/25	Seminar Report finalization	
9.	5/5/25	Seminar Report submission	
10.			



4. Seminar Evaluation Sheet (Internal)

Roll No.	Abstract Submission on time/Punctuality/timely completion (10M)	Seminar Presentation I(15M)	Seminar Presentation II(15M)	Report Submission (5M)	Question & Answer (5M)	Total (50M)
	08	12	11	5	4	40

Table 1.1 Evaluation Sheet

Table 1.2 Seminar Presentations

Sr. No.	Power point Presentation	Communication Skill	Question & Answer	
	(5M)	(5M)	(5M)	Total (15M)
Seminar Presentation I	4	4	4	12
Seminar Presentation II	4	4	3	11

Name and Signature of Evaluation

Committee:

1. Prof. S. N. Botekar 
2. Prof. V. D. Badgajar 

Signature of Guide		Prof.G.P.Mohole
[Name of Guide]		HOD
 Mrs. M. S. Shelar		
Seminar Log Book	Third Year Computer Engineering, SPPU, Pune	Page 4

BACK

Internship Evaluation

Computer Engineering Department
Evaluation of Internship Diary / Workbook
Class : TE Sem II (AY 2024-2025)

Roll No	Name of the Student	Internship Internal Evaluation (50M)											ation Parameters of Internship Workbook /										Total (100M)
		Communication and Presentation skills (5)	Team work (5)	Creativity (5)	Planning and organization skills (5)	Adaptability (5)	Analytical Skills (5)	Social Understanding (5)	Ethics (5)	Dairy/Workbook (5)	Attendance (5)	Total (50M)	Proper and Timely Documented Entries	Adequate and Quality of Information Recorded (5)	Data Recorded (5)	Thought Process and Recording Technique (5)	Data Analysis (5)	Internship Report (25)	Total (50)	Internship Internal Evaluation (50M)	Internship Diary/Workbook		
49	ADITI ANNA BHADANGE	2	3	4	3	4	3	4	4	4	35	4	3	5	3	3	19	37	35	37	72		
1	AGRAWAL DARSHAN VINOD	4	3	4	4	3	5	3	4	4	38	4	4	4	4	4	20	40	38	40	78		
2	AHIRRAO ADITYA JAYANT	3	4	4	4	3	5	5	4	4	40	5	5	5	5	5	21	46	40	46	86		
3	BHAMARE SIDDHI PRADIP	4	4	5	3	4	5	4	4	3	40	4	5	4	3	4	21	41	40	41	81		
4	BHAMARE YASH RAJENDRA	3	4	2	4	4	5	5	4	3	37	4	4	4	3	3	18	36	37	36	73		
5	CHAUDHARI ADITYA BHARAT	5	5	4	4	4	4	3	4	3	5	41	5	4	3	4	3	20	39	41	39	80	
6	CHAUDHARI SAUKHYDA ASHOK	4	4	5	4	5	5	3	3	4	3	40	5	5	4	3	3	22	42	40	42	82	
7	CHAVAN PRATIK AANNA	4	2	3	3	4	3	3	3	4	3	32	3	2	3	2	3	17	30	32	30	62	
8	CHAVHANKE RUSHIKESH SURESH	3	2	2	3	3	4	3	3	4	3	30	3	2	2	3	2	19	31	30	31	61	
9	DATRE SANSKRUTI SANJAY	5	3	4	3	4	2	3	4	5	5	38	5	4	4	4	3	20	40	38	40	78	
10	GANGURDE PREM SHANKAR	4	5	3	4	4	5	2	5	3	3	38	4	4	4	3	3	18	36	38	36	74	
11	GARJE SACHIN AJINATH	4	4	4	4	3	2	3	2	3	3	32	2	4	3	2	3	19	33	32	33	65	
12	GURSAL PRATHAMESH SANDIP	3	4	4	3	3	4	4	4	4	4	37	5	5	4	3	3	22	42	37	42	79	
13	JADHAV SNEHAL DADASAHEB	4	5	5	4	5	5	5	5	5	5	AB						AB	AB	AB	0		
14	KADAM SNEHA JANARDHAN	5	4	4	4	3	4	3	4	3	4	38	4	3	3	4	4	18	36	38	36	74	
15	KARALE ABHAY RAMESH	4	4	4	4	3	4	3	4	3	3	36	3	2	2	3	3	20	33	36	33	69	
16	KAWADE SHRUTI BABASAHEB	4	4	4	3	3	5	4	3	4	3	37	5	4	4	5	4	22	44	37	44	81	
17	KHAIRATE SARTHAK KIRAN	4	4	3	4	3	4	4	3	3	3	35	4	5	3	4	3	20	39	35	39	74	
18	KHAIRNAR KALPESH PRABHAKAR	4	3	4	4	5	4	5	4	3	4	40	4	4	5	4	5	23	45	40	45	85	
48	LENGARE SAKSHI KAILAS	2	4	3	4	3	4	4	5	3	4	36	3	4	4	3	3	18	35	36	35	71	
19	MAHALE MAYUR SANTOSH	4	3	4	5	4	4	3	2	3	4	36	4	4	4	4	4	22	42	36	42	78	
20	MANE POOJA RAMDAS	4	3	4	4	5	3	4	4	3	3	37	4	4	3	4	3	20	38	37	38	75	
21	MATALE ANJALI KONDAJI	4	3	4	2	4	3	2	4	2	4	32	4	3	4	4	3	22	40	32	40	72	
22	MAULE KAMALAKAR RAMU	5	2	3	3	2	2	4	3	3	3	30	2	4	3	2	3	18	32	30	32	62	
23	MORE SHRAVANI SUDHIR	4	5	4	3	4	4	4	3	4	5	40	4	3	4	5	4	22	42	40	42	82	
24	NAGARE PRERNA VIJAY	4	4	4	3	3	3	4	2	3	3	33	4	3	4	4	5	22	42	33	42	75	
25	PARTH ASHUTOSH KULKARNI	5	4	3	4	3	4	4	3	3	4	37	3	4	3	4	4	21	39	37	39	76	

Internship

26	PATEL PRERANA SANJAY	5	5	4	3	3	4	4	3	5	3	39	4	4	4	4	4	22	42	39	42	81
27	PATHADE TRUPTI NARAYAN	3	5	3	5	5	4	3	5	5	3	41	4	5	5	4	5	20	43	41	43	84
28	PATIL DARSHANA RAJENDRA	3	4	5	5	4	4	4	3	2	3	37	5	5	4	4	5	21	44	37	44	81
29	PATIL HARSHAL SURESH	5	4	4	4	3	4	3	4	3	4	38	4	4	4	4	4	22	42	38	42	80
30	PATIL RITESH ISHWAR	4	4	4	3	3	4	3	5	5	5	40	4	4	4	3	3	20	38	40	38	78
31	PAWAR SAMARTH BAPU	2	4	3	2	3	4	3	4	5	4	AB						AB	AB	AB	0	
47	RAJPUT UDAYSING BHARATSING	5	5	4	3	3	4	3	3	2	3	37	3	4	4	4	5	18	38	37	38	75
32	RITIKA NINAD SHETYE	4	3	3	4	3	4	5	4	4	4	38	5	5	4	4	4	21	43	38	43	81
33	SAKSHI MADHUKAR THAKRE	3	3	3	4	3	5	4	4	3	5	37	5	5	4	4	4	22	44	37	44	81
34	SHAIKH MOHD AREEB MOHD	4	4	3	5	4	4	5	3	3	4	39	5	4	4	3	4	21	41	39	41	80
35	SHIMPI AKSHAY VINOD	3	4	4	3	4	4	4	4	4	3	37	5	5	4	3	3	22	42	37	42	79
50	SHINGOTE BHAGYASHREE	4	2	4	4	5	4	3	3	3	3	35	3	3	4	3	5	18	36	35	36	71
36	SHIRSATH PAVAN BABASAHEB	3	4	5	4	3	4	5	4	3	4	39	3	3	4	3	3	20	36	39	36	75
37	SHRAVANI SACHIN KORDE	5	4	3	4	3	3	4	4	3	4	37	4	3	5	4	3	19	38	37	38	75
38	SONAWANE ASHMIT VAIBHAV	3	4	4	5	4	4	3	2	3	5	37	4	4	3	4	3	20	38	37	38	75
39	SONAWANE VIRA RAJESH	5	3	5	4	5	4	3	4	4	3	40	2	4	4	5	5	20	40	40	40	80
40	SURYAJOSHI PALASH VISHWAS	4	3	4	2	3	2	3	4	3	4	32	3	2	2	3	3	17	30	32	30	62
41	SWAPNIL HEMANT CHAVHAN	4	3	5	5	5	3	2	4	4	3	38	4	3	4	3	4	21	39	38	39	77
42	TEKE VAISHNAVI UDAY	5	4	4	5	4	3	2	2	3	4	36	4	5	4	4	5	20	42	36	42	78
51	THAKARE HARSHAL RAJENDRA	3	4	4	4	4	2	3	4	3	4	35	3	4	3	4	3	17	34	35	34	69
43	THAKARE SHREYA ASHOK	4	5	4	4	3	2	2	4	3	4	35	4	4	5	3	4	24	44	35	44	79
44	THAKARE SHRUTIKA SUNIL	2	3	4	5	4	4	5	4	3	4	38	3	3	2	3	3	29	43	38	43	81
45	VAIBHAV DEVIDAS SONAWANE	5	3	5	4	5	5	5	4	2	4	42	5	5	4	4	4	23	45	42	45	87
46	WAGH SWAMI YOGESH	2	4	4	5	3	3	4	3	4	4	36	4	4	3	4	3	20	38	36	38	74

Dr. Sharmila Zope
Internship Co-ordinator



Prof G. P. Mohole
HOD

Head

Department of Computer Engineering
Institute of Technology, Management & Research
Nashik

BACK

Project Evaluation

Project Work Book

(Guidelines and Log)

Course Code: 410248 & 410256

(2019 Course)

Fourth Year of Computer Engineering

Year 2024- 2025

Group/Project ID:

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Team Members: 1. Tanmay Kishor Kalal
2. Vaishnavi Anil Talele
3. Maresh Banaji Sapate
4. Akhil Balasaheb Dhoble

Project Title: Enhancing Navigation for Railway Station Facilities and Location

Project Guide: Prof. S.N. Botekar

Area of the Project: Data Science & AIML



Jawahar Education Society's,
**INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH, NASHIK.**
(Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to Savitribai Phule Pune University)

Department of Computer Engineering

Savitribai Phule Pune University

1. Project Work

The word *project* comes from the Latin word *projectum* from the Latin verb *proicere*, "to throw something forwards" which in turn comes from *pro-*, which denotes something that precedes the action of the next part of the word in time (paralleling the Greek *πρό*) and *iacere*, "to throw". The word "project" thus actually originally meant "something that comes before anything else happens".

(Curtsey Ref- <http://en.wikipedia.org/>)

The intention of Project work is to conceive an idea and to implement it systematically by using knowledge derived during the course of education mainly to innovate or facilitate.

A group of Under Graduate students at Final Year will undertake project over academic year. Work involves study of feasibility of the project, planning of project, studying existing systems, tools available to implement the project and state of art software testing procedures and technology with use of case tools, design is to be implemented into a working model (software or hardware or both) with necessary software interface as an executable package.

1.1. Project Audit Committee (PAC):

It is recommended to form a departmental "Project Audit Committee" to monitor project activities comprising of Head, Project Coordinator, Industry Expert(s), External Expert(s), Department Academic Coordinator and few senior guides.

1.2. Course Objectives:

- To Apply the knowledge for solving realistic problem
- To develop problem solving ability
- To Organize, sustain and report on a substantial piece of team work over a period of several months
- To Evaluate alternative approaches, justify the use of selected tools and methods
- To Reflect upon the experience gained and lessons learned
- To Consider relevant social, ethical and legal issues,
- To find information for yourself from appropriate sources such as manuals, books, research journals and from other sources, and in turn increase analytical skills.
- To Work in TEAM and learn professionalism.

1.2 Course Outcomes:

Students are expected to know and be able to-

CO1. Knowledge Application & Independent Learning: Solve real life problems by applying knowledge and skills keeping eye on current technologies and inculcating the practice of lifelong learning.

CO2. Problem Solving Skills: Analyze alternative approaches, apply and use most appropriate one for feasible solution exhibiting project management skills.

3. Undertaking by Students

With reference to circular (ref-project/2009/3369) regarding malpractices in project work from DTE, Pune following undertaking is to be submitted.

UNDERTAKING BY STUDENT

We, the students of B.E. Computer hereby assure that we will follow all the rules and regulations related to project activity for the academic year 2024 -2025 . The Project titled

Enhancing Navigation for Railway Station Facilities & Location

will be fully designed/ developed by us and every part of the project will be original work and will not be copied/ purchased from any source.

Name of the student

1. Kalal Tanmay Kishore
2. Talele Vaishnavi Anil
3. Sapate Mahesh Banaji
4. Dhoble Abhijit Balasaheb

Signature

Gkalal
Vaishnavi
Mahesh
Abhijit



4. Project Review (Semester I)

The group members are expected to present their work undertaken during the semester. Journey of development has to be rationally presented with thorough literature survey in review meeting.

5.1 Project Review-I: Problem Statement, Motivation, objectives and Literature Review

Student is expected to deliver presentation covering Problem Statement, Motivation, objectives and Literature Review.

Sr. No.	Question	Date	Remark / Grade	Sign of Guide
1)	Do Research gap identified lead to find motivation of project?	19/7/24	A+	<u>Sub</u>
2)	Does the statement give clear identification about what your project will accomplish?	19/7/24	A	<u>Sub</u>
3)	Is the statement short and concise?	19/7/24	A+	<u>Sub</u>
4)	Do similar type of methodology / model exists?	19/7/24	A	<u>Sub</u>
5)	Is the studied literature sufficient to decide scope of the project?	19/7/24	A	<u>Sub</u>
6)	Are the objectives clearly and unambiguously listed?	19/7/24	A+	<u>Sub</u>
7)	Can a person who is not familiar with the project understand scope of the project by reading the project problem statement?	19/7/24	A	<u>Sub</u>
8)	Are project objectives of study (what product, process, resource etc.) clearly defined?	19/7/24	A+	<u>Sub</u>
9)	Are the objectives set helpful to achieve goal of the project?	19/7/24	A	<u>Sub</u>
10)	Does the project contribute to our society by any means?	19/7/24	A	<u>Sub</u>
Remark and Suggestions:				

Name and Sign of Reviewers:

1. D. S. P. Zope

2. C. N. Patki



5.2 Project Review-II: Feasibility and Scope

Student is expected to deliver presentation covering Feasibility and Scope

Sr. No.	Question	Date	Remark / Grade	Sign of Guide
1)	Is the project's view point understood?	13/8/24	A	<u>mb</u>
2)	Is the project goal statement in alignment with the sponsoring organization's business goal and mission?	13/8/24	A+	<u>mb</u>
3)	Who is the project's end user?	13/8/24	A+	<u>mb</u>
4)	What is the projected cost of producing a product?	13/8/24	B	<u>mb</u>
5)	Is project achievable in specified (Time, Cost Budget)?	13/8/24	B+	<u>mb</u>
6)	Are the requirements within the scope of the project?	13/8/24	B+	<u>mb</u>
7)	Is the scope properly defined?	13/8/24	B+	<u>mb</u>
8)	Does the problem statement clearly define scope of the project?	13/8/24	A+	<u>mb</u>
9)	Do the project requirements fit into available software and hardware?	13/8/24	A+	<u>mb</u>
10)	Whether the milestones are stated completely and project timeline is given?	13/8/24	A	<u>mb</u>
11)	Whether risks like technical risks, Operational risks, schedule risks, business risks are identified correctly or not?	13/8/24	A+	<u>mb</u>
12)	Whether Risk prioritization is done properly and any back up plan is decided?	13/8/24	A+	<u>mb</u>

Remark and Suggestions:

Name and Sign of Reviewers:

1. D. S. P. Zope [Signature]
2. C. N. Patil [Signature]



5.3 Project Review-III: Requirement Analysis

Student is expected to deliver presentation covering Requirement Analysis

Sr. No.	Question	Date	Remark / Grade	Sign of Guide
1)	Is information domain analysis complete, consistent and accurate?	9/9/24	A	<u>mb</u>
2)	Is problem statement categorized in identified area and targeted towards specific area there in?	9/9/24	A+	<u>mb</u>
3)	Is external and internal interfacing properly defined?	9/9/24	B+	<u>mb</u>
4)	Are requirements consistent with schedule, resources and budget?	9/9/24	B+	<u>mb</u>
5)	Are all requirements traceable to system level?	9/9/24	A	<u>mb</u>
6)	What is needed to make the product?	9/9/24	A+	<u>mb</u>
7)	Is there a demand for the product?	9/9/24	A	<u>mb</u>
8)	Is identification of stakeholders done properly?	9/9/24	A+	<u>mb</u>
9)	Whether all requirements are captured and documented in line with scope?	9/9/24	A+	<u>mb</u>
10)	Whether all type of analysis classes are identified?	9/9/24	A	<u>mb</u>
11)	Whether the Acceptance criteria is decided	9/9/24	A	<u>mb</u>
12)	Is SRS document as per IEEE format complete and correct?	9/9/24	A	<u>mb</u>
Remark and Suggestions:				

Name and Sign of Reviewers:

1. S. P. Zope

2. C. N. Patki



5.4 Project Review-IV: Design

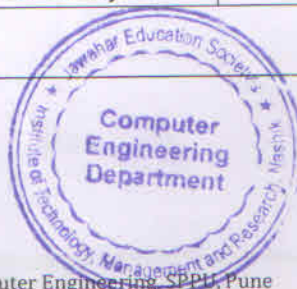
Student is expected to deliver presentation covering Design

Sr. No.	Question	Date	Remark / Grade	Sign of Guide
1)	Are requirements reflected in the system architecture?	4/10/24	A+	<u>mb</u>
2)	Does the design support both project (product) and project goals?	4/10/24	A+	<u>mb</u>
3)	Does the design address all the issues from the requirement?	4/10/24	A+	<u>mb</u>
4)	Is effective modularity achieved and modules are functionally independent?	4/10/24	A+	<u>mb</u>
5)	Are structural diagrams (class, Object, etc) well defined?	4/10/24	A+	<u>mb</u>
6)	Are all class associations clearly defined and understood?(Is it clear which classes provide which services?)	4/10/24	A+	<u>mb</u>
7)	Are the classes in the class diagram clear? (What they represent in the architecture design document?)	4/10/24	A+	<u>mb</u>
8)	Is inheritance appropriately used?	4/10/24	A+	<u>mb</u>
9)	Are the multiplicities in the use case diagram depicted in the class diagram?	4/10/24	A+	<u>mb</u>
10)	Are all objects used in sequence diagram?	4/10/24	A+	<u>mb</u>
11)	Are the symbols used in all diagrams corresponding to UML standards?	4/10/24	A+	<u>mb</u>
12)	Are behavioral diagrams (use case, sequence, activity, etc.) well defined and understood?	4/10/24	A+	<u>mb</u>
13)	Does each case have clearly defined actors and input/ output?	4/10/24	A+	<u>mb</u>
14)	Does the sequence diagram match with class diagram?	4/10/24	A+	<u>mb</u>
15)	Is aggregation/ containment (used) clearly defined and understood?	4/10/24	A+	<u>mb</u>
16)	Whether State charts are capturing system's dynamic behavior correctly?	4/10/24	A+	<u>mb</u>
17)	Related to procedural thinking whether DFDs and CFDs along with transaction and transformation flow are done correctly?	4/10/24	A+	<u>mb</u>

Remark and Suggestions:

Name and Sign of Reviewers:

1. Dr. S. P. Zope [Signature]
2. C. N. Parkhi [Signature]



6. Internal Evaluation Sheet (Semester I)

Sr. No.	Names of Team Members	Problem Statement / Motivation / Objectives / Scope/ Feasibility Requirement (05)	Literature Survey (05)	Requirement Analysis (05), Modeling & Designing (10)	Planning & Prototyping (05)	Presentation & Question - Answer (10)	Partial Project Report (10)	Total (50)
1.	Tanmay Kishor Kalal	5	5	10	4	8	8	40
2.	Vaishnavi Anil Talele	5	5	12	4	8	8	42
3.	maheesh Banaji Sapate	5	5	13	4	8	8	43
4.	Abhijit Balasaheb Dhoble	5	5	10	4	8	8	40

Name and Signature of Evaluation Committee:

1. Prof.

2. Prof.

Examiners Feedback and Suggestions:

Signature of Guide
Prof.S.N.Botekar



Signature of Head
Prof.G.P.Mohole
Head of Department

7. Project Review: (Semester II)

The group members are expected to present their work undertaken during the semester. Journey of development has to be rationally presented.

7.1 Project Review-I: Modeling (Model Refinement and Algorithm development)

Student is expected to deliver presentation covering Modeling

Sr. No.	Question	Date	Remark/ Grade	Sign of Guide
1)	Which software Development Process model is used? (Water fall, Incremental, RAD) How? (at this level?)	17/01/2025	RAD	<u>mb</u>
2)	Are data objects, their attributes and relationships clearly identified? (All constraints for SRS are captured or not?)	17/01/25	Yes	<u>mb</u>
3)	Have the objects and respective classes and their responsibilities?	17/01/25	Yes	<u>mb</u>
4)	Have you analyzed the requirements been analyzed and represented into respective models?	17/01/25	Yes	<u>mb</u>
5)	Have the different system states been differentiated and depicted them in the form of state transition diagram?	17/01/25	Yes	<u>mb</u>
6)	Does the mathematical model clearly imply design of the project?	17/01/25	A* Yes	<u>mb</u>
7)	Does the mathematical model clearly states goal of project?	17/01/25	Yes	<u>mb</u>
8)	Is the interface between the modules properly identified?	17/01/25	Yes	<u>mb</u>
9)	Are any functional dependencies identified and described?	17/01/25	Yes	<u>mb</u>
10)	Which architectural model does the system support?	17/01/25	Yes	<u>mb</u>
11)	Whether Deployment diagram is in line with selected architecture?	17/01/25	Yes	<u>mb</u>
12)	Whether all components are designed properly and represented in component diagram?	17/01/25	Yes	<u>mb</u>
13)	Whether NP-completeness of algorithms is checked?	17/01/25	Yes	<u>mb</u>
Remark and Suggestions:				

Name and Sign of Reviewers:

- Dr. S. P. Zope
- C. N. Patil

Signature



7.2 Project Review-II: Coding / Implementation

Student is expected to deliver presentation covering Coding / Implementation

Sr. No.	Question	Date	Remark/ Grade	Sign of Guide
1)	Does the code completely and correctly implement the design?	17/02/25	Yes	<u>mb</u>
2)	Does the code comply with the coding standard?	17/02/25	Yes	<u>mb</u>
3)	Is the code well structured, consistent in style, and consistently formatted?	17/02/25	Yes	<u>mb</u>
4)	Are all functions in the design coded?	17/02/25	Yes	<u>mb</u>
5)	Does the code make use of object oriented concepts?	17/02/25	Yes	<u>mb</u>
6)	Does the code support granularity?	17/02/25	Yes	<u>mb</u>
7)	Is the language used for coding correctly chosen as per the project need?	17/02/25	Yes	<u>mb</u>
8)	If any off-the-shelf components are used, Have you understood the functionalities of using it?	17/02/25	No	<u>mb</u>
9)	Are all comments consistent with the code?	17/02/25	Yes	<u>mb</u>
10)	Whether code optimization is done properly?(By using language features)	17/02/25	Yes	<u>mb</u>

Remark and Suggestions:

Name and Sign of Reviewers:

1. Dr. S.P. Zope [Signature]

2. C.N. Patki [Signature]



7.3 Project Review-III: Validation and Testing

Student is expected to deliver presentation covering Validation and Testing

Sr. No.	Question	Date	Remark/Grade	Sign of Guide
1)	Has alpha testing been done?	21/03/25	Yes	<u>mb</u>
2)	Has beta testing been done?	21/03/25	Yes	<u>mb</u>
3)	Have been validated the requirements, design and code as per standard?	21/03/25	Yes	<u>mb</u>
4)	Has GUI testing of project been performed? How?	21/03/25	Yes	<u>mb</u>
5)	Does the system comply with basic usability norms?	21/03/25	Yes	<u>mb</u>
6)	Has the code been tested using standard datasets available in your area of project?	21/03/25	Yes	<u>mb</u>
7)	Has the code been tested in real time environment?	21/03/25	Yes	<u>mb</u>
8)	After integration of all components whether total performance of system is checked?	21/03/25	Yes	<u>mb</u>
9)	Whether repository of all components along with versions is documented?	21/03/25	Yes	<u>mb</u>
10)	Have social, safety, environmental, ethical and legal issues been considered while providing solution to problem?	21/03/25	Yes	<u>mb</u>
Remark and Suggestions:				

Name and Sign of Reviewers:

1. Dr. S. P. Zope 

2. C. N. Potli 



7.4 Project Review-IV: Report Writing

Student is expected to deliver presentation covering Report Writing

Sr. No.	Question	Date	Remark/ Grade	Sign of Guide
1)	Is the report written as per the prescribed format?	11/04/25	A	<u>mb</u>
2)	Is the report timely prepared?	11/04/25	A+	<u>mb</u>
3)	Is the report properly organized, spelled, grammatically correct?	11/04/25	B+	<u>mb</u>
4)	Is the report plagiarism free?	11/04/25	B	<u>mb</u>
5)	Is the report precise and written to the point?	11/04/25	Yes	<u>mb</u>
6)	Does the report contain complete results and comparative graphs?	11/04/25	Yes	<u>mb</u>
7)	Are all figures and tables properly numbered and labeled?	11/04/25	Yes	<u>mb</u>
8)	Are all figures and tables properly cited?	11/04/25	Yes	<u>mb</u>
9)	Weather references are properly cited?	11/04/25	Yes	<u>mb</u>

Remark and Suggestions:

Name and Sign of Reviewers:

1. Dr. S. P. Zope [Signature]

2. C. N. Potki [Signature]



8. Internal Evaluation Sheet (Semester II)

Sr. No.	Names of Team Members	Modeling (10)	Coding and Implementation (40)	Testing (10)	Understanding, Individual Involvement Contribution in the project (10)	Team Work (10)	Demonstration cum Presentation (10)	Documents & Report (10)	Total (100)
1.	Tanmay Kalal	10	29	10	10	10	10	10	89
2.	Vaishnavi Talele	10	30	10	10	10	10	10	90
3.	Mahesh Sapate	10	28	10	10	10	10	10	88
4.	Abhijit Dhoble	10	27	10	10	10	10	10	87

Name and Signature of Evaluation Committee:

1. Prof.
2. Prof.

Examiners Feedback and Suggestions:

Signature of Guide
Prof. S.N. Botekar

PAC



Signature of Head
Prof. G.P. Mohole
Head of Department

9. Contest Participation Details

9.1. Participation in Project Competition

Sr. No.	Name and Place of Project Competition and Exhibition	Date	Certificates / prizes won, if any
1.			
2.			
3.			
4.			

Attach attested copy of certificate(s)

9.2. Paper Publication/ Presentation/IPR

Sr. No.	Name of Organizer	Date	Certificates/ Prizes won, if any
1.	ICETES 2025 (JIT Nashik)	08/02/2025	Participation Certificate
2.			
3.			
4.			

Attach attested copy of certificate(s)



10. Rubrics

A. Idea Inception

Grade (Grade Point)	Excellent (10-9)	Very Good (6-8)	Fair (3-5)	Poor (1-2)
Parameter				
Problem Definition and Scope of the Project	10			
Literature Survey	10			
Software Engineering Approach		8		
Requirement Analysis	9			

B. Implementation

Grade (Grade Point)	Excellent (10-9)	Very Good (6-8)	Fair (3-5)	Poor (1-2)
Parameter				
Implementation- Design, platform, coding,		8		
Optimization considerations(Memory, time, Resources, Costing)		8		
Thorough Testing of all modules	9			
Integration of modules and project as whole	8			

C. Documentation

Grade (Grade Point)	Excellent (10-9)	Very Good (6-8)	Fair (3-5)	Poor (1-2)
Parameter				
Proposal	9			
Project Report	9			
Quick references		8		
System manual		9		
Installation Guide		8		
Work Book		8		



D. Demonstration

Grade (Grade Point)	Excellent (10-9)	Very Good (6-8)	Fair (3-5)	Poor (1-2)
Parameter				
Project Presentation and Demonstration (User Interface, ease of use, usability)	9			
Understanding individual capacity & involvement in the project	9			
Team Work (Distribution of work, intra-team communication and togetherness)	8			
Outcomes / Usability				

E. Contest Participation / Awards, Publications and IPR

Grade (Grade Point)	Excellent (10-9)	Very Good (6-8)	Fair (3-5)	Poor (1-2)
Parameter				
Participation in various contests	9			
Appreciation and Awards				
Publications				
Copyright				
Patent				
Commercial value / product conversion of Work				

F. Environment & Ethics (solution to problems considering)

Grade (Grade Point)	Excellent (10-9)	Very Good (6-8)	Fair (3-5)	Poor (1-2)
Parameter				
social				
safety				
environmental				
ethical				
Legal issues				



Project Base Learning (PBL-Evaluation)



(Accredited by NAAC)

Jawahar Education Society's,
**INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH, NASHIK.**

(Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to Savitribai Phule Pune University)

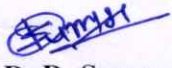
Date:10/01/2025

Department of Information Technology

NOTICE

All the students of SE Information Technology are here by informed that they should note down the list of **Project Based Learning** topics that was selected in academic year 2023-24.

Sr. No	Project Based Learning Topics
1	Online Attendance System
2	AI Voice Assistance for Desktop
3	Question paper Generator
4	Feedback System
5	Moving Object Detection
6	Memory Matching Game
7	Language Translator
8	Department Library Management System
9	Web Scrapping
10	Online Banking System
11	Unit Converter
12	Weather Forcast


Ms. D. D. Survase
PBL Co-ordinator


Mr. S. B. Patil
Head,
(Dept. of Information Technology)

Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik

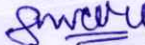
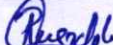
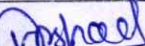
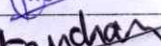
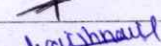
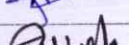
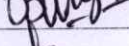
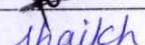
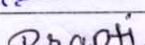
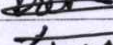
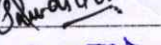
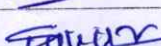
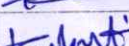
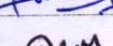
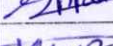


Department of Information Technology

A.Y. 2024-25 (SEM-II)

Batch : S1, S2, S3

Project Based Learning -II
Final Topic List

Sr. No.	Group Id	Group	Signature of the Student	Name of Project	Project Guide
1	PBL_G1	Matsagar Priti Ganesh		Social Networking App for Business	Mr. D. D. Survase
		More Sanskruti Rajendra			
		Pagare Nikita Rajendra			
		Deore Janhavi Avinash			
		Patil Hemangi Himmatrao			
2	PBL_G2	Wendole Prathmesh Vijay		Flower Shopping Website	Ms. D. D. Survase
		Ramayane Harshad Raju			
		Solanke Dnyaneshwar			
		Yesli Omkar Kishor			
3	PBL_G3	Kanchan Nilesh Bhambre		Railway Accident Preventing Using Sensors	Mrs. J. P. Patil
		Kanchan Machindra Katore			
		Pranjal Ahire Sahebrao			
		Vaishnavi Jagdale Pankaj			
		Tejaswani Wagh Bhaskar			
		Shravani Bramhankar J			
4	PBL_G4	Shaikh Tanveer Zafar		Smart Hiring System	Mr. S. B. Patil
		Bhavnath Prapti Manohar			
		Thorat Prem Sanjay			
		Sonawane Ganesh Pramod			
		Waidande Shravani			
		Bhavsar Mansi Nitin			
5	PBL_G5	Pawar Sakshi Dasharath		College Voting System	Ms. D. D. Survase
		Pawar Sanket Rajendra			
		Umap Pallavi Satish			
		Solanke Shraddha Gajanan			
		Pendhare Mahesh Dhanraj			
		Waghmare Manasi			

6	PBL_G6	Rathod Vaishali Ramesh		Smart Water Supply for Plant	Mrs. J. P. Patil
		Chaudhari Tanmai Sandip			
		Bhavar Minakshi Sunil			
		Shinde Kirti Vikram			
7	PBL_G7	Shimpi Vishalkumar T.		Smart Route Traking System for College Bus	Mr. S. B. Patil
		Khairnar Nirnay Suresh			
		Mali Durgesh Ravindra			
		Suryavanshi Lavkesh			
		Pawar Khushal Vilas			
		Sonawane Nilesh Ravindra			
8	PBL_G8	Sapkal Vishal Annasaheb		College forum with Alumni on Content Filtering	Ms. D. D. Survase
		Gosavi Sanket Rajendra			
		Avhad Vishal Kailas			
		Ozarkar Dhroova Sunil			
		Om Dnyaneshwar Nathe			
9	PBL_G9	Dhondage Vaibhav Yuvraj		Virtual Musuem	Mrs. J. P. Patil
		Dhone Vaibhav Shankar			
		Avhad Atharv Dashrath			
		Bhirud Darshan Sanjay			
		Dewassi Narayan			
10	PBL_G10	Sukenkar Aarya Navnath		Book Your Event	Mr. S. B. Patil
		Yash Shashikant Motkari			
		Chand Ashutosh Murli			
11	PBL_G11	Patil Nandini Dhirendra		Graphical Password	Ms. D. D. Survase
		Roshani Bhausaheb			
		Shelar Yash Manoj			
		Shewale Yash Sanjay			
		Chavan Dinesh			
		Jagatap Tejaswini Lahu			
12	PBL_G12	Patil Janhavi Kewal		Smart Waste Management System	Mrs. J. P. Patil
		Borhade Neha Madhav			
		Ahirrao Stutika Dattu			

13	PBL_G13	Wani Aniket Shyamkant	<u>AS</u>	PDF to Audio Converter	Mr. S. B. Patil
		Dhondage Rohit Karbhari	<u>PKA</u>		
		Dale Dakornath Tushar	<u>Dale</u>		
		Pimpale Vishu Sunil	<u>Vishu</u>		
		Wankhade Nikhil Raju			
		Balak Atharva D.	<u>Balak</u>		
14	PBL_G14	Borse Kartik Bandu	<u>Kartik</u>	Agro Assist Empowring Farmers with smart Solution	Ms. D. D. Survase
		Shirsath Rohit Sunil	<u>Rohit</u>		
		Patil Deep Manohar	<u>Deep</u>		
		Mali Kuldip Vithoba	<u>Mali</u>		
		Sonkalamble Ashish L.	<u>Ashish</u>		
		Patil Aditya Vijay	<u>Aditya</u>		

Mr. S. B. Patil
Ms. D. D. Survase
Mrs. J. P. Patil

PBL Coordinator
Ms.D. D. Survase

Head,
(Dept. of Information Technology)
Mr. S. B. Patil

Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik





Jawahar Education Society's,
**INSTITUTE OF TECHNOLOGY,
 MANAGEMENT & RESEARCH, NASHIK.**
(Approved by ACCTE, New Delhi, DTE, Government of Maharashtra, Affiliated to Savitribai Phule Pune University)

Department of Information Technology

A.Y. 2024-25 (SEM-II)

Batch : S1, S2, S3

Project Based Learning -II Final Topic List

Sr. No.	Group Id	Group	Signature of the Student	Name of Project	Project Guide
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		More Sanskruti Rajendra			
		Pagare Nikita Rajendra			
		Deore Janhavi Avinash			
		Patil Hemangi Himmatrao			
2	PBL_G2	Wendole Prathmesh Vijay		Flower Shopping Website	Ms. D.D. Survase
		Ramayane Harshad Raju			
		Solanke Dnyaneshwar			
		Yeshi Omkar Kishor			
3	PBL_G3	Kanchan Nilesh Bhambre		Railway Accident Preventing Using Sensors	Mrs.J.P Patil
		Kanchan Machindra			
		Pranjal Ahire Sahebrao			
		Vaishnavi Jagadale Pankaj			
		Tejaswani Wagh Bhaskar			
		Shravani Bramhankar J			
4	PBL_G4	Shaikh Tanveer Zafar		Smart Hiring System	Mrs. A. N. Birari
		Bhavath Prapti Manohar			
		Thorat Prem Sanjay			
		Sonawane Ganesh Pramod			
		Waidande Shrivani			
		Bhavsar Mansi Nitin			
5	PBL_G5	Pawar Sakshi Dasharath		College Voting System	Mr. S.B. Patil
		Pawar Sanket Rajendra			
		Umap Pallavi Satish			
		Solanke Shraddha Gajanan			
		Pendhare Mahesh Dhanraj			
		Waghmare Manasi			
6	PBL_G6	Rathod Vaishali Ramesh		Smart Water Supply for Plant	Ms. D.D. Survase
		Chaudhari Tanmai Sandip			
		Bhavar Minakshi Sunil			
		Shinde Kirti Vikram			

Head
 Department of Information Technology
 Institute of Technology, Management
 and Research, Nashik



7	PBL_G7	Shimpi Vishalkumar T. Khairnar Nirnay Suresh Mali Durgesh Ravindra Suryavanshi Lavkesh Pawar Khushal Vilas Sonawane Niles Ravindra	Smart Route Traking System for College Bus	Mrs.J.P Patil
8	PBL_G8	Sapkal Vishal Annasaheb Gosavi Sanket Rajendra Avhad Vishal Kailas Ozarkar Dhroova Sunil Om Dnyaneshwar Nathe	College forum with Alumni on Content Filtering	Mrs. A. N. Birari
9	PBL_G9	Dhondage Vaibhav Yuvraj Dhone Vaibhav Shankar Avhad Atharv Dashrath Bhirud Darshan Sanjay Dewassi Narayan	Virtual Musuem	Mr. S.B. Patil
10	PBL_G10	Sukenkar Aarya Navnath Yash Shashikant Motkari Chand Ashutosh Murli	Book Your Event	Ms. D.D. Survase
11	PBL_G11	Patil Nandini Dharendra Roshani Bhausaheb Shelar Yash Manoj Shewale Yash Sanjay Chavan Dinesh Rameshwar Jagatap Tejaswini Lahu	Graphical Password	Mrs.J.P Patil
12	PBL_G12	Patil Janhavi Kewal Borhade Neha Madhav Ahirrao Stutika Dattu	Smart Waste Management System	Mrs. A. N. Birari
13	PBL_G13	Wani Aniket Shyamkant Dhondage Rohit Karbhari Dale Dakornath Tushar Pimpale Vishu Sunil Wankhade Nikhil Raju Balak Atharva D.	PDF to Audio Converter	Mr. S.B. Patil
14	PBL_G14	Borse Kartik Bandu Shirsath Rohit Sunil Patil Deep Manohar Mali Kuldip Vithoba Sonkalamble Ashish L. Patil Aditya Vijay	Agro Assist Empowring Farmers with smart Solution	Ms. D.D. Survase

Mr. S. B. Patil
Ms. D. D. Survase
Mrs. J. P. Patil
Mrs. A. N. Birari

PBL Coordinator
Ms.D. D. Survase



H.O.D

Mr. S. B. Patil

Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik

Department of Information Technology

Date: 04/02/2025

NOTICE

All the students of SE Information Technology are hereby informed that, your Project Based Learning (PBL) topic finalization presentation is scheduled on 05/02/2025 at 10:00 AM.

Venue: Class Room 122


Ms. D. D. Survase
PBL Co-ordinator


Mr. S. B. Patil
Head,
(Dept. of Information Technology)

Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik



Department of Information Technology



Project Based Learning
(Course Code: 214458)
(2019 Course)

Project Workbook

Second Year Engineering

Year 2024 - 2025

Group ID :

P	B	L	G	12
---	---	---	---	----

Team Members: 1.

Patil Janhavi Kewal

2.

Balechale Neha Madhwar

3.

Ahijewar Shubika Dattu

4.

5.

6.

Project Title :

Smart waste management system using
Arduino-uno

Name of Mentor:

Mrs. J. P. Patil

Preamble

Project Based Learning (PBL) is an instructional approach that emphasizes critical-thinking, collaboration and personalized learning. In PBL, student groups engage in meaningful inquiry that is of personal interest to them. These projects are based on problems, which are real-life oriented, curriculum-based and often interdisciplinary. Students decide how to approach a problem and what activities or processes they will perform. They collect information from a variety of sources, analyze, synthesize and derive understanding from it. The real-world focus of PBL activities is central to the process because it motivates students and adds value to their work. Their learning is connected to something real and involves life skills such as collaboration and reflection. The faculty assigned to the group is referred as mentor. Technology enables students and Mentor in various phases of the PBL process. At the end of the PBL, students demonstrate their newly acquired knowledge and are evaluated by how much they have learned and how well they communicate it. Students also conduct self-evaluation to assess their own growth and learning. Throughout this process, the mentor's role is to guide and advise students, rather than to direct and manage student work.

CERTIFICATEThis is to certify that Mr./ Ms. Patil Janhavi KewalGroup No. 11 Division _____ Branch Information Tech. has successfullycompleted the work associated with **Project Based Learning (214458)** titled as- Smart
waste management system using Arduino.and has submitted the work book associated under my supervision, in the partial fulfillment of Second Year
Bachelor of Engineering (2019 course) of Savitribai Phule Pune University.Date: 24/04/25Place: Nashik
24/04/25**Name of Mentor**

Mr.S. B. patil /

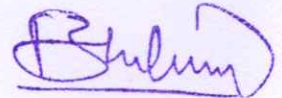
Ms. D. D. Survase /

Mrs. J.P. patil /

Mrs. A. N. Birari

**Head of Department**

Mr. S. B. patil

**Principal**

Dr. M. V. Bhatkar

Table of Contents

Sr. No.	Description	Page No.
	Preamble	i
1.	Project Based Learning Syllabus	1
2.	Recommended Guidelines and Phases	4
3.	Evaluation and Continuous Assessment Sheet	5
4.	Project Information Sheet	6
5.	Assessment Remarks Sheet	7
6.	Project Monitoring (1 sheet per week)	9 onwards

1. Project Based Learning Syllabus:

Savitribai Phule Pune University, Pune Second Year Information Technology (2019 Course)

214458: Project Based Learning

Teaching Scheme:

Practical (PR): 04hrs/week

Credit Scheme:

02

Examination Scheme:

TW : 50 Marks

Course Objectives :

- To learn the various processes involved in project based learning.
- To develop critical thinking and engineering problem solving skills amongst the students.
- To explain the roles and responsibilities of IT engineers to the solution of engineering Problems within the social, environmental and economic context.
- To equip the students with knowledge and skills require to develop solutions for the Problems coming from various Hackathon.

Course Outcomes :

- CO1 : Design solution to real life problems and analyze its concerns through shared cognition.
- CO2 : Apply learning by doing approach in PBL to promote lifelong learning.
- CO3 : Tackle technical challenges for solving real world problems with team efforts.
- CO4: Collaborate and engage in multi-disciplinary learning environments

Group Structure :

Group structure should enable students to work in mentor-monitored groups. The students plan, manage and complete a task/project / activity which address the stated problem:

1. There should be a team of 3 to 6 students who will work cohesively.
2. A Mentor should be assigned to individual groups who will help them with learning and development process

Selection of Project/Problem :

1. The project scope/topic can be from any field/area, but selection related to IT technical aspect is desirable.
2. The project/problem done in first year engineering could be extended further, based on its potential and significance analysis.
3. Project/problem requiring solutions through conceptual model development and use of software tools should be preferred.
4. Different alternate approaches such as theoretical, practical, working model, demonstration or software analysis should be used in solving/implementing of project/problem.
5. The project/problem requiring multi-disciplinary approach to solve it, should be preferred.
6. Problem may require in depth study of specific practical, scientific or technical domain.
7. Hands-on activities, organizational and field visits, interacting with research institutes and expert consultation should be included in the approach to make students aware of latest technologies.

Assessment:

The department should be committed to assess and evaluate both student performance and solution impact. Progress of PBL will be monitored regularly on weekly basis. Weekly review of the work is necessary. During process of monitoring and continuous assessment and evaluation the individual and team performance is to be measured by mentor. Students must maintain an institutional culture of authentic collaboration, self- motivation, peerlearning and personal responsiveness. The institution/department should support students in this regard through guidance/orientation programs and the provision of appropriate resources and services. Supervisor/mentor and students must actively participate in assessment and evaluation processes. Group may demonstrate their knowledge and skills by developing a public product and/or report and/or presentation.

1. Individual assessment for each student (Understanding individual capacity, role and involvement in the project).
2. Group assessment (roles defined, distribution of work, intra-team communication and togetherness).
3. Documentation and presentation.

Evaluation and Continuous Assessment:

It is recommended that the all activities are to be recorded in PBL workbook, regular assessment of work to be done and proper documents are to be maintained at college end by both students as well as mentor. The PBL workbook will reflect accountability, punctuality, technical writing ability and work flow of the task undertaken. Continuous Assessment Sheet (CAS) is to be maintained by all mentors/department. Recommended parameters for assessment, evaluation and weightage:

1. Idea Inception (5%)
2. Outcomes of PBL/Problem Solving Skills/Solution provided/Final product(40%) (Individual assessment and team assessment)
3. Documentation (Gathering requirements, design & modeling, implementation/execution, use of technology and final report, other documents (25 %)
4. Potential for the patent(10%)
5. Demonstration (Presentation, User Interface, Usability etc.) (10%)
6. Contest Participation/ publication (5%)
7. Awareness/Consideration of Environment/ Social /Ethics/ Safety measures/Legal aspects (5%).

Design the rubrics based on the above parameters for evaluation of student performance

Note:

- While planning for the assessment, **choose a valid method based on your context**. It should be **able to understand by both the students as well as the faculty**.
- The student group must **follow the principles of Software Engineering** (Scoping out the problem, the solution implementation and related documentation).
- If the implementation code is well documented, the project can be **continued by subsequent batch** – which will help solve a bigger problem.

Reference Books :

1. Project-Based Learning, Edutopia, March 14,2016.
2. What is PBL? Buck Institute for Education.
3. www.schoolology.com
4. www.wikipedia.org 5. www.howstuffworks.com

3. Evaluation and Assessment Sheet (To be filled in my mentor)

Sr. No.	Details	Maximum Marks	Marks Obtained
1.	Problem Identification (Idea Inception)	05	05
2.	Problem Analysis (Requirement Gathering)	05	05
3.	Proposed Solution Model/Design/ Process / prototype	05	04
4.	Technology Solution Model	05	05
5.	Expected Outcomes	05	04
6.	Implementation and Testing	05	04
7.	Regularity (Attendance + Weekly Progress Reporting)	05	04
8.	Awareness /Consideration of - Environment/ Social /Ethics/ Safety measures/Legal aspects	05	04
9.	Contest Participation/ publication	05	04
10.	Report	05	04
Total Marks		50	43

Date: 24/04/25

Name & Sign of Mentor


Mrs. J. P. Patil

4. Project Information Sheet

Project ID	PBL-G-11				
Title	Smart waste management system using Arduino				
Problem Statement	Smart waste system revolves around the efficiency and environmental impact of current waste management practices. Lack of real-time data, leading to missed collection, increase costs & environmental pollution.				
Name of Mentor	Mrs. J. P. Patil				
Group Members	Division	Roll No.	Name of the Student	Mobile Number	Email ID
		38	Patil Janhavi	9284569759	jpatil@gmail.com
		10	Bachale Neha	7558799439	bachachaleham@gmail.com
		02	Phirke Shikha	8149646684	Dattushikha02@gmail.com

5. Continuous Assessment and Remarks Sheet (To be filled in by mentor)

Problem Identification (Idea Inception) – IoT-based smart waste management system is driven by the primary goal of contributing to the Swachh Bharat Abhiyan. The objective is to address the importance of maintaining cleanliness in waste disposal areas as poorly managed bins can lead to an unhealthy environment and various pollutants.

Problem Analysis (Requirement Gathering) – For developing the waste system we need:

- ① ultrasonic sensor
- ② Arduino-uno
- ③ Jumper wires
- ④ soil moisture sensor
- ⑤ Servo Motor

Proposed Solution Model/Design/ Process / prototype – The smart dustbin is divided into two parts waste dry and wet waste. The arduino-uno consist the code of system. The soil moisture sensor tests the dry and wet density and acts further. Servo motor is use to shift between dry and wet waste.

Technology Solution Model- After connecting the jumper wires to the arduino and other components. Code is provided to the arduino through Arduino-uno IDE software. The code is in C++ arduino language.

Expected Outcomes- After all the assembly the waste put on the soil moisture sensor should be placed into proper waste category either dry or wet waste.

Implementation and Testing- Put dry waste a test whether the waste falls down in dry section the test same for wet waste. If does not work look for all the connections properly and for the code in Arduino IDE app.

Regularity (Attendance + Weekly Progress Reporting) -

Team maintained good regularity with full attendance and submitted weekly progress reports to track development, resolve issues and ensure steady project progress.

Awareness / Consideration of - Environment / Social / Ethics / Safety measures / Legal aspects -

waste system planners cleanliness and keeps humans away from any bacterial disease happening from wet and dry waste.

Contest Participation / publication -

There is no mention of contest participation or publication in the report. The focus was developing and presenting the project within the academic framework.

Report -

Smart waste management system promotes habitually, cleanliness, and environmental protection.

6. Project Monitoring/ Progress Information Sheets

	Current Phase:	Date	Discussion	Progress Till Date	Remark If Any	Signature
Week	Group Formation	29/1/25	During 1 week of Planning Phase discussion focus on defining project scope, objective and identifying stake holders and group members	Identified stake holders, communication channels, defined scope and objectives and documents.		
Week	Topic Finalization	6/2/25	During 2 week analysis phase discussion around gathering & analyzing user requirements conducting system requirements.	Gathered & analyzed user requirements, conducted feasibility study to assess technical, economic, organizational aspects.		
Week	Literature Review	6/3/25	During week 3 design phase focus on developing system architecture interface.	Development of architecture simulated hardware & software components		
Week	Workflow Diagram	21/3/25	During week 4 development focused on coding code functional based on design specifications.	Coding all based on specification, writing all modules & ensure standard version		

Week	Mid Term Status	28/3/25	In week 5 development testing, assigning group members, conduct testing for individuals.	conducting testing for individual functionality optimizing performance and usability.		Ⓟ
Week	Weekly Progress and Guidance	3/4/25	During week 6 development phase discussion focus on development planning environmental user testing.	complete design guides development document prepared for analysis support post development.		Ⓟ
Week	Presentation and Competition	11/4/25	During week 7 discussion focus on finalizing documents for show project.	finalized report, work book completed final change certifying all documentation.		Ⓟ

Department of Information Technology

SEIT- PBL - II - Evaluation Sheet

A. Y. 2024-25- Sem -II

Project Guide:Mr. S. B. Patil

Sr.No.	Group Id	Name of The Student	Name of The Project	Evaluation Parameters of PBL-II Work								
				Idea Inception	Outcomes of PBL/ Problem Solving Skills/ Solution provided/ Final product (Individual assessment and team assessment)	Documentation (Gathering requirements, design and modelling, implementation / execution, use of technology and final report, other	Potential for the patent	Demonstration (Presentation, User Interface, Usability etc.)	Contest Participation/ publication	Awareness /Consideration of Environment/ Social /Ethics/ Safety measures/Legal aspects. Design the rubrics based on the above parameters for evaluation of student	Total	Remark
				2.5	20	12.5	5	5	2.5	2.5	50	
1	PBL_G4	Shaikh Tanveer Zafar	Smart Hiring System	2	18	12	4	4	2	1	42	
		Bhavnath Prapti Manohar		2	18	12	4	4	2	1	42	
		Thorat Prem Sanjay		2	18	12	4	4	2	1	42	
		Sonawane Ganesh		2	18	12	4	4	2	1	42	
		Waidande Shravani R.		2	18	12	4	4	2	1	42	
		Bhavsar Mansi Nitin		2	18	10	4	4	2	1	40	

Sr.No.	Group Id	Name of The Student	Name of The Project	Evaluation Parameters of PBL-II Work								
				Idea Inception	Outcomes of PBL/ Problem Solving Skills/ Solution provided/ Final product (Individual assessment and team assessment)	Documentation (Gathering requirements, design and modelling, implementation / execution, use of technology and final report, other	Potential for the patent	Demonstration (Presentation, User Interface, Usability etc.)	Contest Participation/ publication	Awareness /Consideration of Environment/ Social /Ethics/ Safety measures/Legal aspects. Design the rubrics based on the above parameters for evaluation of student	Total	Remark
2	PBL_G7	Shimpi Vishalkumar T.	Translate Pro	2	17	10	4	4	2	1	39	
		Khairnar Nirnay Suresh		2	17	10	4	4	2	1	39	
		Mali Durgesh Ravindra		2	17	11	4	4	2	1	40	
		Suryavanshi Lavkesh J.		2	16	11	4	4	2	1	39	
		Pawar Khushal Vilas		2	17	11	4	4	2	1	40	
		Sonawane Nilesh		2	18	12	4	3	2	1	41	
3	PBL_G10	Sukenkar Aarya Navnath	Book Your Event	2	18	12	4	4	2	1	42	
		Yash Shashikant Motkari		2	18	12	4	4	2	1	42	
		Chand Ashutosh Murli		2	18	12	3	3	2	1	40	
4	PBL_G13	Wani Aniket Shyamkant	PDF to Audio Converter	2	19	12	4	3	2	1	42	
		Dhondage Rohit Karbhari		2	18	11	4	3	2	1	40	
		Dale Dakornath Tushar		2	16	11	4	4	2	1	39	
		Pimpale Vishu Sunil		2	17	10	4	4	2	1	39	
		Wankhade Nikhil Raju		2	16	10	4	4	2	1	38	
		Balak Atharva D.		2	16	10	4	4	2	1	38	

Ms. D. D. Survase
PBL Coordinator



Mr. S. B. Patil
Head,
(Dept. of Information Technology)
Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik

Department of Information Technology

SEIT- PBL - II - Evaluation Sheet

A. Y. 2024-25- Sem -II

Project Guide: Ms. D. D. Survase

Sr. No	Group Id	Name of The Student	Name of The Project	Evaluation Parameters of PBL-II Work								
				Idea Inception	Outcomes of PBL/ Problem Solving Skills/ Solution provided/ Final product (Individual assessment and team assessment)	Documentation (Gathering requirements, design and modellings, implementation / execution, use of technology and final report, other	Potential for the patent	Demonstration (Presentation, User Interface, Usability etc.)	Contest Participation/ publication	Awareness /Consideration of Environment/ Social /Ethics/ Safety measures/Legal aspects. Design the rubrics based on the above parameters for evaluation of	Total	Remark
				2.5	20	12.5	5	5	2.5	2.5	50	
1	PBL-G1	Matsagar Priti Ganesh	Social Networking App for Business	2	19	12	5	4	2	2	44	
		More Sanskruti Rajendra		2	18	12	4	5	2	1	43	
		Pagare Nikita Rajendra		2	18	11	4	3	2	1	40	
		Deore Janhavi Avinash		2	16	11	4	3	2	1	38	
		Patil Hemangi Himmatrao		2	16	11	4	4	2	1	39	
2	PBL_G2	Wendole Prathmesh Vijay	Flower Shopping Website	2	19	11	4	4	2	1	42	
		Ramayane Harshad Raju		2	18	12	4	4	2	1	42	
		Solanke Dnyaneshwar		2	16	11	4	3	2	1	38	
		Yeshe Omkar Kishor		2	16	11	4	4	2	1	39	
3	PBL_G5	Pawar Sakshi Dasharath	College Voting System	2	16	10	4	4	2	1	38	
		Pawar Sanket Rajendra		2	16	11	4	4	2	1	39	
		Umap Pallavi Satish		2	14	11	4	4	2	1	37	
		Solanke Shraddha Gajanan		2	16	10	4	4	2	1	38	
		Pendhare Mahesh Dhanraj		2	16	11	4	4	2	1	39	
		Waghmare Manasi		2	17	11	3	3	2	1	38	

Sr. No	Group Id	Name of The Student	Name of The Project	Evaluation Parameters of PBL-II Work								Total	Remark
				Idea Inception	Outcomes of PBL/ Problem Solving Skills/ Solution provided/ Final product (Individual assessment and team assessment)	Documentation (Gathering requirements, design and modelling, implementation / execution, use of technology and final report, other	Potential for the patent	Demonstration (Presentation, User Interface, Usability etc.)	Contest Participation/ publication	Awareness /Consideration of Environment/ Social /Ethics/ Safety measures/Legal aspects. Design the rubrics based on the above parameters for evaluation of			
				2.5	20	12.5	5	5	2.5	2.5			
4	PBL_G8	Sapkal Vishal Annasaheb	College forum with Alumni on Content Filtering	2	14	9	4	3	2	1	34		
		Gosavi Sanket Rajendra		2	15	10	3	3	2	1	35		
		Avhad Vishal Kailas		2	16	10	4	4	2	1	38		
		Ozarkar Dhroova Sunil		2	12	10	4	4	2	1	34		
		Om Dnyaneshwar Nathe		2	16	10	4	4	2	1	38		
5	PBL_G11	Patil Nandini Dhirendra	Graphical Password	2	16	11	4	4	2	1	39		
		Roshani Bhausaheb		2	16	10	4	4	2	1	39		
		Shelar Yash Manoj		2	16	11	4	4	2	1	39		
		Shewale Yash Sanjay		2	17	12	3	3	2	1	39		
		Chavan Dinesh		2	16	11	4	4	2	1	39		
		Jagatap Tejaswini Lahu		2	17	10	4	4	2	1	39		
6	PBL_G14	Borse Kartik Bandu	Agro Assist Empowring Farmers with smart Solution	2	16	10	4	2	2	1	38		
		Shirsath Rohit Sunil		2	18	12	4	2	2	1	42		
		Patil Deep Manohar		2	13	10	4	2	2	1	37		
		Mali Kuldip Vithoba		2	14	10	4	2	2	1	36		
		Sonkalamble Ashish L.		2	14	10	4	2	2	1	36		
		Patil Aditya Vijay		2	14	10	4	2	2	1	36		

Ms. D. D. Survase
PBL Coordinator



Mr. S. B. Patil
Head

(Dept. of Information Technology)
Institute of Technology, Management & Research, Nashik

Department of Information Technology

SEIT- PBL - II - Evaluation Sheet

A. Y. 2024-25- Sem -II

Project Guide: Mrs.J. P. Patil

Sr. No.	Group Id	Name of The Student	Name of The Project	Evaluation Parameters of PBL-II Work								Total	Remark
				Idea Inception	Outcomes of PBL/ Problem Solving Skills/ Solution provided/ Final product (Individual assessment and team assessment)	Documentation (Gathering requirements, design and modelling, implementation / execution, use of technology and final report, other	Potential for the patent	Demonstration (Presentation, User Interface, Usability etc.)	Contest Participation/ publication	Awareness /Consideration of Environment/ Social /Ethics/ Safety measures/Legal aspects. Design the rubrics based on the above parameters for evaluation of student			
				2.5	20	12.5	5	5	2.5	2.5	50		
1	PBL_G3	Kanchan Nilesh Bhambre	Railway Accident Preventing Using Sensors	2	18	11	4	4	2	1	41		
		Kanchan Machindra		2	17	10	4	4	2	1	39		
		Pranjal Ahire Sahebrao		2	16	11	4	4	2	1	39		
		Vaishnavi Jagadale Pankaj		2	15	11	4	4	2	1	38		
		Tejaswani Wagh Bhaskar		2	16	11	4	4	2	1	39		
		Shravani Bramhankar J		2	18	10	4	4	2	1	40		

Sr. No.	Group Id	Name of The Student	Name of The Projcet	Evaluation Parameters of PBL-II Work								Total	Remark
				Idea Inception	Outcomes of PBL/ Problem Solving Skills/ Solution provided/ Final product (Individual assessment and team assessment)	Documentation (Gathering requirements, design and modelling, implementation / execution, use of technology and final report, other	Potential for the patent	Demonstration (Presentation, User Interface, Usability etc.)	Contest Participation/ publication	Awareness /Consideration of Environment/ Social /Ethics/ Safety measures/Legal aspects. Design the rubrics based on the above parameters for evaluation of student			
				2.5	20	12.5	5	5	2.5	2.5	50		
2	PBL_G6	Rathod Vaishali Ramesh	Automated	2	18	12	4	4	2	1	42		
		Chaudhari Tanmai Sandip	Watering Plant	2	18	12	4	4	2	1	42		
		Bhavar Minakshi Sunil	using Aurdino	2	18	12	4	4	2	1	42		
		Shinde Kirti Vikram		2	18	12	4	4	2	1	42		
3	PBL_G9	Dhondage Vaibhav	Virtual Musuem	2	18	12	4	5	2	1	43		
		Dhone Vaibhav Shankar		2	19	12	4	4	2	1	43		
		Avhad Atharv Dashrath		2	18	12	4	4	2	1	42		
		Bhirud Darshan Sanjay		2	18	10	4	4	2	1	40		
		Dewassi Narayan		2	18	11	4	4	2	1	42		
4	PBL_G12	Patil Janhavi Kewal	Smart Waste	2	18	12	4	5	2	1	43		
		Borhade Neha Madhav	Management	2	17	11	4	4	2	1	40		
		Ahirrao Stutika Dattu	System	2	16	11	4	4	2	1	40		

Ms. D. D. Survase
PBL Coordinator



Mr. S. B. Patil
Head,
(Dept.of Information Technology)
Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik



Savitribai Phule Pune University

Examination Session
Marks Inward System for Colleges



2505200411052

5/20/2025

1 of 1

College Name	CEGN019660 - Jawahar Education Society's Institute of Technology Management and Research [PUNCODE : CEGN019660] Exam code: 507		
Pattern Name	7021929 - S.E.(2019 PAT.)(INFORMATION TECHNOLOGY)	Batch No	202504040351
Subject Name	214458 - PROJECT BASED LEARNING	Exam Type	TW OUT OF 50
Teacher Name	Survase Dipti Dilip - Internal Examiner		

Total Students	Present Students	Absent Students	Not Applicable	Detained
71	71	0	0	0

Seat No	Marks/Grade	Seat No	Marks/Grade	Seat No	Marks/Grade
S401140262	39	S401140296	39	S401140333	39
S401140263	40	S401140298	39	S401140334	39
S401140264	42	S401140300	40	S401140335	42
S401140265	38	S401140301	36	S401140337	42
S401140267	38	S401140302	44	S401140338	38
S401140269	42	S401140304	43	S401140339	38
S401140270	41	S401140305	38	S401140341	42
S401140271	40	S401140306	34	S401140342	41
S401140272	40	S401140309	40	S401140343	36
S401140273	40	S401140310	36	S401140344	42
S401140274	38	S401140311	37	S401140345	39
S401140275	40	S401140312	39	S401140346	42
S401140276	40	S401140313	43	S401140347	37
S401140277	42	S401140314	39	S401140349	39
S401140278	39	S401140316	40	S401140350	38
S401140279	39	S401140318	38	S401140351	42
S401140280	38	S401140319	39	S401140352	42
S401140281	42	S401140320	39	S401140353	38
S401140282	40	S401140321	39	S401140354	42
S401140283	43	S401140323	42	S401140355	42
S401140284	43	S401140324	42	S401140357	39
S401140288	35	S401140325	39		
S401140291	39	S401140329	34		
S401140292	38	S401140330	42		
S401140295	41	S401140331	39		



[Signature]
College Examination Officer (CEO)
Jawahar Education Society's
Institute of Technology,
Management and Research, Nashik
Stamp & Authorized Signatory



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Jawahar Education Society's,
**INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH, NASHIK.**

(Approved by AICTE, New Delhi. DTE, Government of Maharashtra, Affiliated to Savitribai Phule Pune University)

Department of Computer Engineering

SE (A) Computer Tw Sheet Semester: II (A.Y. 2024-25)

Subject : *Project Based Learning - II*

Faculty Name : *Ms. A. A. Salunke*

Sr. No.	Seat. No	Student Name	TW	Sign
1	S401140141	AHER ADITI ASHOK	44	<i>Aditi Aher</i>
2	S401140142	AHER PRATHAMESH DADASAHEB	23	<i>Aher</i>
3	S401140143	AHIRE PAYAL ANIL	43	<i>Ahire</i>
4		BACHHAV PIYUSH RAVINDRA	AB	AB
5	S401140145	BADE TEJAS RAMESH	40	<i>Tejas Bade</i>
6	S401140146	BAGUL RUDRA KIRAN	39	<i>Bagul</i>
7	S401140147	BAGUL TANMAY SHRINIWAS	32	<i>Bagul</i>
8	S401140148	BHAGYASHRI HARESHWAR PATIL	34	<i>Patil</i>
9	S401140149	BHAMARE YOGINI RAVINDRA	39	<i>Bhamare</i>
10	S401140150	BORSE SWATI SANJAY	38	<i>Borse</i>
11	S401140151	CHANDEL PIYUSH MAHENDRASINGH	40	<i>Chandel</i>
12	S401140153	CHAUDHARI SWAYAM SUNIL	48	<i>Chaudhari</i>
13	S401140154	CHAVAN NIKHIL SANJAY	32	<i>Chavan</i>
14	S401140157	DESAI PRASAD ASHOK	33	<i>Desai</i>
15	S401140158	DESHMUKH ANUSHKA SUNIL	40	<i>Deshmukh</i>
16	S401140160	DHARBALE KARTIK BHIMRAJ	35	<i>Dharbale</i>
17	S401140161	DHONDGE ADITYA SANJAY	38	<i>Dhondge</i>
18	S401140162	DUMBARE SHUBHAM BALASAHEB	42	<i>Dumbare</i>
19	S401140163	GADAKH ATHARVA YOGESH	36	<i>Gadakh</i>
20	S401140164	GADWE TANAY NITIN	25	<i>Gadwe</i>
21	S401140166	GANGURDE CHETAN SANDIP	40	<i>Gangurde</i>
22	S401140169	HANDGE SARTHAK GANESH	25	<i>Handge</i>
23	S401140170	HARSHADA DIPAK PATIL	36	<i>Harshada</i>
24	S401140171	HIRE NIRBHAY SATISH	33	<i>Hire</i>
25	S401140172	JADHAV ATHARV PANDIT	40	<i>Jadhav</i>
26	S401140174	JADHAV TANISHKA PRASAD	46	<i>Jadhav</i>
27	S401140175	JANJAL VAIBHAV BHAGWAN	38	<i>Janjal</i>
28	S401140176	KADNOR KUNAL KAILAS	39	<i>Kadnor</i>
29	S401140177	KALE GAURAV GANESH	40	<i>Kale</i>

30	S401140178	KALE KULDEEPP ASHOK	39	<u>Kale</u>
31	S401140179	KANASE KIRAN AUDUMBAR	42	<u>Kanase</u>
32	S401140180	KHAIRE RAHUL SOMANATH	38	<u>Rahul</u>
33	S401140181	KHANDBAHALE SHRIRAM SUNIL	47	<u>Shriram</u>
34	S401140183	KSHATRIYA SAMRUDDHI YOGESH	44	<u>Samruddhi</u>
35	S401140184	KULDHAR PRATHAMESH SUNIL	38	<u>Prathamesh</u>
36	S401140186	LOHAR PRANAV ASHOK	40	<u>Pranav</u>
37	S401140187	LOHAR PRATIK ASHOK	42	<u>Pratik</u>
38	S401140188	LONDHE ADITYA KHUSHAL	38	<u>Aditya</u>
39	S401140189	MAHAJAN KIRTI KAILAS	38	<u>Kirti</u>
40	S401140190	MAHAJAN YASHWANT WALMIK	40	<u>Yashwant</u>
41	S401140191	MALSANE RUTUJA GANPAT	36	<u>Rutuja</u>
42	S401140192	MARATHE HARSHADA DEVIDAS	39	<u>Harshada</u>
43	S401140193	MASURKAR VIVEK GAJENDRA	35	<u>Vivek</u>
44	S401140197	MOHAMMAD AFFAN ALTAFA SHAIKH	40	<u>Affan</u>
45	S401140198	MOHITE PRATIKSHA RAMESH	35	<u>Pratiksha</u>
46	S401140199	MORE SAKSHI BALKRISHNA	32	<u>Sakshi</u>
47	S401140200	MORE UMESH SANJAY	32	<u>Umesh</u>
48	S401140201	MUSALE OMKAR ABAJI	38	<u>Omkar</u>
49	S401140203	NANAWARE RUSHIKESH RAVINDRA	38	<u>Rushikesh</u>
50	S401140204	NAVALE VAIBHAV BANDU	40	<u>Vaibhav</u>

Amey
Subject Incharge



Umesh
HOD

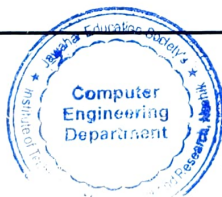
Head
Department of Computer Engineering
Institute of Technology, Management & Research
Nashik

Department of Computer Engineering
Evaluation of PBL Diary / WorkBook
Class : SE Sem II (AY 2024-2025)

Roll No	Name of the Student	Title of the Project	Evaluation Parameters of Internship Workbook / Diary					
			Proper and Timely Documented Entries (5)	Adequate and Quality of Information Recorded (5)	Data Recorded (5)	Thought Process and Recording Technique (5)	Data Recorded (5)	PBL Report (25)
1	AHER ADITI ASHOK	Online voting System	5	4	5	5	4	21
2	AHER PRATHAMESH DADASAHEB		2	2	2	2	3	12
3	AHIRE PAYAL ANIL		5	4	4	4	4	22
4	BACHHAV PIYUSH RAVINDRA							AB
5	BADE TEJAS RAMESH		4	4	5	5	4	18

Date : 21/04/2025

Chunawale
Internal Examiner
Mrs.G.P.Mohale



BACK

Head
Department of Computer Engineering,
Institute of Technology, Management & Research,
Nashik.

Faculty Assessment with Feedback



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Jawahar Education Society's,
**INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH, NASHIK.**

(Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to Savitribai Phule Pune University)

Department of Information Technology

Mid-Semester Teachers Feedback Report 2024-25 (Sem – II)

Academic Year: 2024-25 (Sem II)

Date: 13 /02/2025

To

The Principal,

JES's Institute of Technology, Management and Research, Nashik.

Subject: - Teachers Feedback analysis of academic year 2024-25 (Sem: II) of Information Technology Department...

Respected Sir,

With reference to above subject, I am submitting Mid Semester Teacher's Feedback Analysis, given by SE students of Information Technology Department.

● **Teachers Feedback Analysis:**

Sr. No.	Class	Subject	Teacher Name	HOD Remark	Sign
1	SE	Engineering Mathematics - III	Ms. A. C. Ugale	A	
2		Processor Architecture	Dr. S. Y. Borase	A	
3		Database Management System	Mr. S. B. Patil	A	
4		Computer Graphics	Mrs. J. P. Patil	A	
5		Software Engineering	Ms. D. D. Survase	A	



(Accredited by NAAC)

Jawahar Education Society's,
**INSTITUTE OF TECHNOLOGY,
MANAGEMENT & RESEARCH, NASHIK.**

(Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to Savitribai Phule Pune University)

Sr. No.	Class	Subject	Teacher Name	HOD Remark	Sign
1	TE	Computer Networks & Security	Mr. S. B. Patil	A	
2		Data Science and Big Data Analytics	Ms. D. D. Survase	A	
3		Web Application Development	Mrs. A. N. Birari	A	
4		Elective-II (SMD)	Mrs. J. P. Patil	A+	



Mr. S. B. Patil

Head of Department

Head
Department of Information Technology
Institute of Technology, Management
and Research, Nashik

● Teachers Feedback Evaluation:-

A+	>90 %	Excellent / Outstanding
A	75-90%	Very Good / Superior
B+	60-75%	Good
B	50-60%	Satisfactory
C	< 50%	Unsatisfactory (Need Improvement)

Dr. M. V. Bhatkar

Principal

Jawahar Education Society's Institute of Technology, Management and Research, Nashik

Feedback Analysis

Title : Mid Sem Teachers Feedback SEM-II 24-25

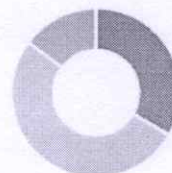
Academic Year : 2024-25

Class : Semester 4 [Information Technology]

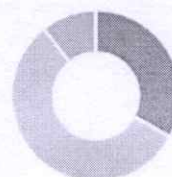
Details : Engineering Mathematics- III - Theory | Regular (Archana Ugale)

Total number of response(s) : 55 / 71

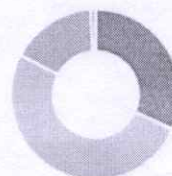
Question	1. How is the teaching of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	15	75	27.27
● Good	4	29	116	42.18
● Average	3	11	33	12.00
● Poor	2	0	0	0.00
Performance				81.45



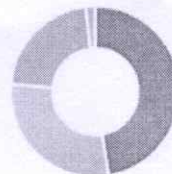
Question	2. How is the Communication Skills of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	15	75	27.27
● Good	4	32	128	46.55
● Average	3	8	24	8.73
● Poor	2	0	0	0.00
Performance				82.55



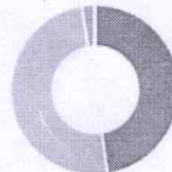
Question	3. How much do you (Student) understand the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Above 80 %	5	14	70	25.45
● 65-80%	4	28	112	40.73
● 50-65%	3	12	36	13.09
● Less than 50 %	2	1	2	0.73
Performance				80.00



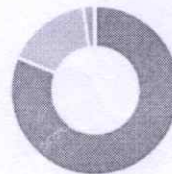
Question	4. How much syllabus is covered / completed?			
Answer	Value	No. of response(s)	Response value	Response %
● 90-100%	5	21	105	38.18
● 75-90%	4	16	64	23.27
● 60-75%	3	16	48	17.45
● Below 60%	2	2	4	1.45
Performance				80.36



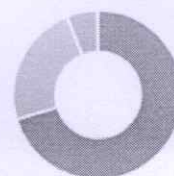
Question	5. How is the knowledge of the teacher about the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	23	115	41.82
● Good	4	30	120	43.64
● Average	3	2	6	2.18
● Poor	2	0	0	0.00
Performance				87.64



Question	6. Does teacher engage class on time?			
Answer	Value	No. of response(s)	Response value	Response %
● Regularly on Time	5	44	220	77.19
● Sometime on Time	4	11	44	15.44
● Sometime late	3	2	6	2.11
● Always Late	2	0	0	0.00
Performance				94.74



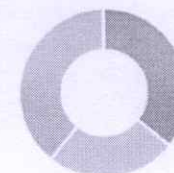
Question	7. Does teacher utilize teaching Aids (Black Board, Projector, etc.)?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	36	180	64.29
● Sometime	4	15	60	21.43
● Never	3	5	15	5.36
Performance				91.07



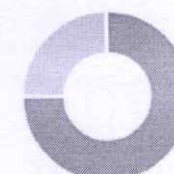
Question	8. How is the attitude of the teacher towards the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Parental	5	28	140	45.90
● Friendly	4	29	116	38.03
● Rude	3	4	12	3.93
Performance				87.87



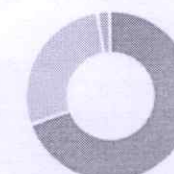
Question	9. Does teacher do the partiality/ favoritism with the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	15	75	27.27
● Sometime	4	13	52	18.91
● Never	3	27	81	29.45
Performance				75.64



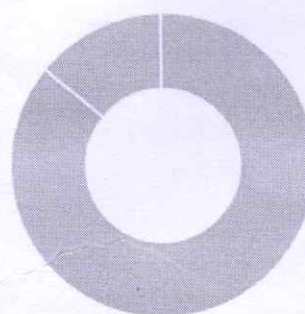
Question	10. How often teacher help students to solve problem?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	39	195	70.91
● Sometime	4	16	64	23.27
● Never	3	0	0	0.00
Performance				94.18



Question	11. Does teacher provide the opportunity to students for asking questions and discussion?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	36	180	64.29
● Sometime	4	18	72	25.71
● Never	3	2	6	2.14
Performance				92.14



Achieved
 Scope for improvement



Achieved 86.15 | Scope for improvement 13.85

Remark

Enter remark for this feedback.



Feedback Analysis

Title : Mid Sem Teachers Feedback SEM-II 24-25

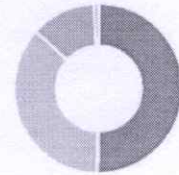
Academic Year : 2024-25

Class : Semester 4 [Information Technology]

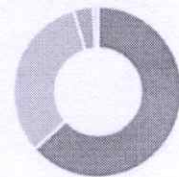
Details : Processor Architecture - Theory | Regular (Sonal Borase)

Total number of response(s) : 52 / 71

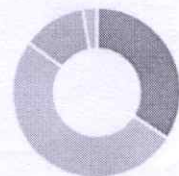
Question	1. How is the teaching of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	22	110	42.31
● Good	4	20	80	30.77
● Average	3	9	27	10.38
● Poor	2	1	2	0.77
Performance				84.23



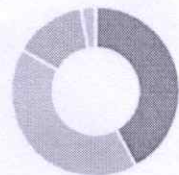
Question	2. How is the Communication Skills of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	30	150	56.60
● Good	4	19	76	28.68
● Average	3	3	9	3.40
● Poor	2	1	2	0.75
Performance				89.43



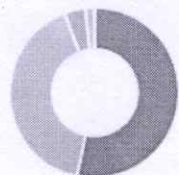
Question	3. How much do you (Student) understand the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Above 80 %	5	15	75	27.27
● 65-80%	4	28	112	40.73
● 50-65%	3	9	27	9.82
● Less than 50 %	2	3	6	2.18
Performance				80.00



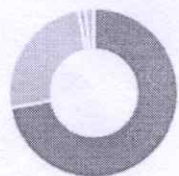
Question	4. How much syllabus is covered / completed?			
Answer	Value	No. of response(s)	Response value	Response %
● 90- 100%	5	18	90	33.96
● 75-90%	4	22	88	33.21
● 60-75%	3	10	30	11.32
● Below 60%	2	3	6	2.26
Performance				80.75



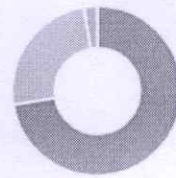
Question	5. How is the knowledge of the teacher about the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	24	120	46.15
● Good	4	23	92	35.38
● Average	3	3	9	3.46
● Poor	2	2	4	1.54
Performance				86.54



Question	6. Does teacher engage class on time?			
Answer	Value	No. of response(s)	Response value	Response %
● Regularly on Time	5	35	175	66.04
● Sometime on Time	4	15	60	22.64
● Sometime late	3	1	3	1.13
● Always Late	2	2	4	1.51
Performance				91.32



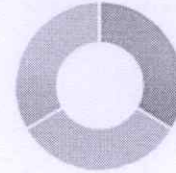
Question	7. Does teacher utilize teaching Aids (Black Board, Projector, etc.)?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	35	175	67.31
● Sometime	4	15	60	23.08
● Never	3	2	6	2.31
Performance				92.69



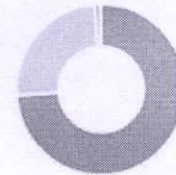
Question	8. How is the attitude of the teacher towards the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Parental	5	19	95	33.93
● Friendly	4	35	140	50.00
● Rude	3	2	6	2.14
Performance				86.07



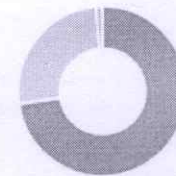
Question	9. Does teacher do the partiality/ favoritism with the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	14	70	25.93
● Sometime	4	17	68	25.19
● Never	3	23	69	25.56
Performance				76.67



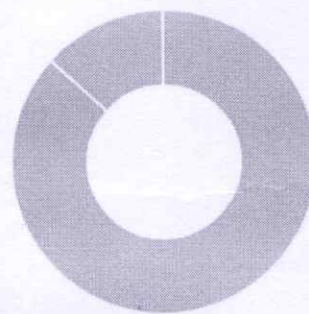
Question	10. How often teacher help students to solve problem?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	36	180	69.23
● Sometime	4	15	60	23.08
● Never	3	1	3	1.15
Performance				93.46



Question	11. Does teacher provide the opportunity to students for asking questions and discussion?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	36	180	67.92
● Sometime	4	16	64	24.15
● Never	3	1	3	1.13
Performance				93.21



Legend: Achieved (Dark Grey), Scope for improvement (Light Grey)



Achieved 86.76 | Scope for improvement 13.24

Remark

Enter remark for this feedback.



Jawahar Education Society's Institute of Technology, Management and Research, Nashik

Feedback Analysis

Title : Mid Sem Teachers Feedback SEM-II 24-25

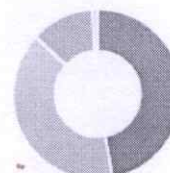
Academic Year : 2024-25

Class : Semester 4 [Information Technology]

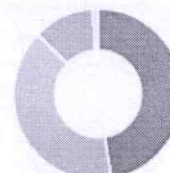
Details : Database Management System - Theory | Regular (Sharad Patil)

Total number of response(s) : 53 / 71

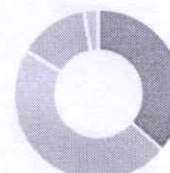
Question	1. How is the teaching of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	21	105	39.62
● Good	4	22	88	33.21
● Average	3	9	27	10.19
● Poor	2	1	2	0.75
Performance				83.77



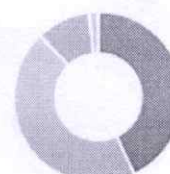
Question	2. How is the Communication Skills of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	22	110	40.00
● Good	4	23	92	33.45
● Average	3	9	27	9.82
● Poor	2	1	2	0.73
Performance				84.00



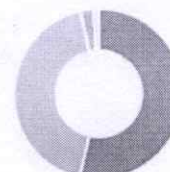
Question	3. How much do you (Student) understand the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Above 80 %	5	16	80	29.09
● 65-80%	4	26	104	37.82
● 50-65%	3	10	30	10.91
● Less than 50 %	2	3	6	2.18
Performance				80.00



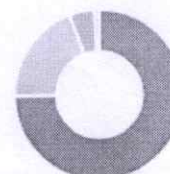
Question	4. How much syllabus is covered / completed?			
Answer	Value	No. of response(s)	Response value	Response %
● 90- 100%	5	20	100	35.71
● 75-90%	4	26	104	37.14
● 60-75%	3	8	24	8.57
● Below 60%	2	2	4	1.43
Performance				82.86



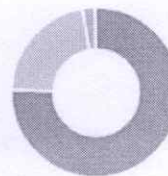
Question	5. How is the knowledge of the teacher about the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	25	125	47.17
● Good	4	25	100	37.74
● Average	3	2	6	2.26
● Poor	2	1	2	0.75
Performance				87.92



Question	6. Does teacher engage class on time?			
Answer	Value	No. of response(s)	Response value	Response %
● Regularly on Time	5	37	185	68.52
● Sometime on Time	4	12	48	17.78
● Sometime late	3	4	12	4.44
● Always Late	2	1	2	0.74
Performance				91.48



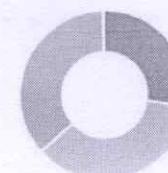
Question	7. Does teacher utilize teaching Aids (Black Board, Projector, etc.)?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	39	195	70.91
● Sometime	4	14	56	20.36
● Never	3	2	6	2.18
Performance				93.45



Question	8. How is the attitude of the teacher towards the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Parental	5	30	150	52.63
● Friendly	4	26	104	36.49
● Rude	3	1	3	1.05
Performance				90.18



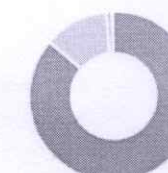
Question	9. Does teacher do the partiality/ favoritism with the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	11	55	20.75
● Sometime	4	18	72	27.17
● Never	3	24	72	27.17
Performance				75.09



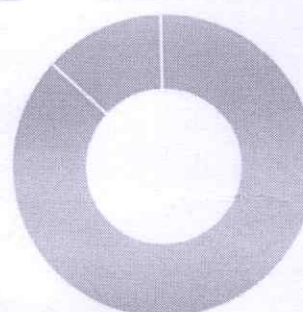
Question	10. How often teacher help students to solve problem?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	38	190	70.37
● Sometime	4	15	60	22.22
● Never	3	1	3	1.11
Performance				93.70



Question	11. Does teacher provide the opportunity to students for asking questions and discussion?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	45	225	83.33
● Sometime	4	8	32	11.85
● Never	3	1	3	1.11
Performance				96.30



Legend: Achieved (Dark Grey), Scope for improvement (Light Grey)



Achieved 87.16 | Scope for improvement 12.84

Remark

Enter remark for this feedback.



Jawahar Education Society's Institute of Technology, Management and Research, Nashik

Feedback Analysis

Title : Mid Sem Teachers Feedback SEM-II 24-25

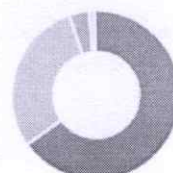
Academic Year : 2024-25

Class : Semester 4 [Information Technology]

Details : Computer Graphics - Theory | Regular (Jayashri Patil)

Total number of response(s) : 51 / 71

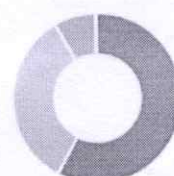
Question	1. How is the teaching of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	30	150	58.82
● Good	4	17	68	26.67
● Average	3	3	9	3.53
● Poor	2	1	2	0.78
Performance				89.80



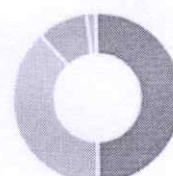
Question	2. How is the Communication Skills of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	30	150	58.82
● Good	4	18	72	28.24
● Average	3	3	9	3.53
● Poor	2	0	0	0.00
Performance				90.59



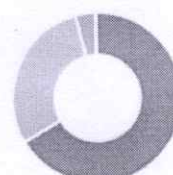
Question	3. How much do you (Student) understand the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Above 80 %	5	26	130	50.98
● 65-80%	4	19	76	29.80
● 50-65%	3	6	18	7.06
● Less than 50 %	2	0	0	0.00
Performance				87.84



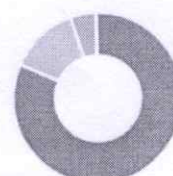
Question	4. How much syllabus is covered / completed?			
Answer	Value	No. of response(s)	Response value	Response %
● 90- 100%	5	22	110	42.31
● 75-90%	4	21	84	32.31
● 60-75%	3	7	21	8.08
● Below 60%	2	2	4	1.54
Performance				84.23



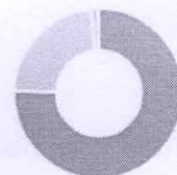
Question	5. How is the knowledge of the teacher about the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	31	155	60.78
● Good	4	17	68	26.67
● Average	3	3	9	3.53
● Poor	2	0	0	0.00
Performance				90.98



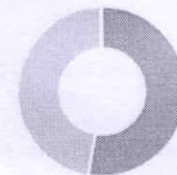
Question	6. Does teacher engage class on time?			
Answer	Value	No. of response(s)	Response value	Response %
● Regularly on Time	5	40	200	76.92
● Sometime on Time	4	8	32	12.31
● Sometime late	3	4	12	4.62
● Always Late	2	0	0	0.00
Performance				93.85



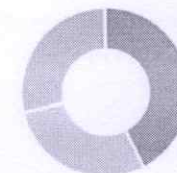
Question	7. Does teacher utilize teaching Aids (Black Board, Projector, etc.)?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	37	185	71.15
● Sometime	4	14	56	21.54
● Never	3	1	3	1.15
Performance				93.85



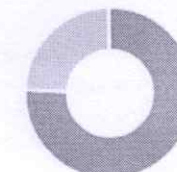
Question	8. How is the attitude of the teacher towards the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Parental	5	27	135	47.37
● Friendly	4	30	120	42.11
● Rude	3	0	0	0.00
Performance				89.47



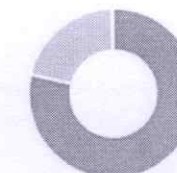
Question	9. Does teacher do the partiality/ favoritism with the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	18	90	33.96
● Sometime	4	15	60	22.64
● Never	3	20	60	22.64
Performance				79.25



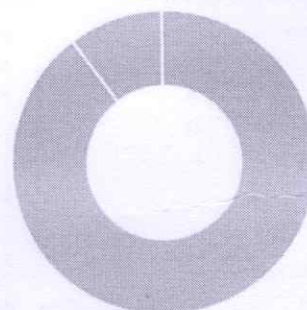
Question	10. How often teacher help students to solve problem?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	38	190	71.70
● Sometime	4	15	60	22.64
● Never	3	0	0	0.00
Performance				94.34



Question	11. Does teacher provide the opportunity to students for asking questions and discussion?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	39	195	75.00
● Sometime	4	13	52	20.00
● Never	3	0	0	0.00
Performance				95.00



Achieved
 Scope for improvement



Achieved 89.93 | Scope for improvement 10.07

Remark

Enter remark for this feedback.



Jawahar Education Society's Institute of Technology, Management and Research, Nashik

Feedback Analysis

Title : Mid Sem Teachers Feedback SEM-II 24-25

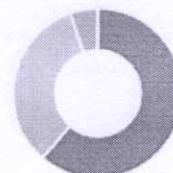
Academic Year : 2024-25

Class : Semester 4 [Information Technology]

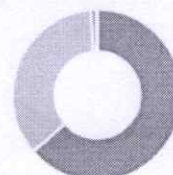
Details : Software Engineering - Theory | Regular (Dipti Survase)

Total number of response(s) : 49 / 71

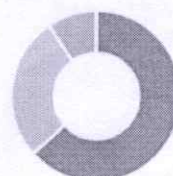
Question	1. How is the teaching of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	28	140	54.90
● Good	4	19	76	29.80
● Average	3	4	12	4.71
● Poor	2	0	0	0.00
Performance				89.41



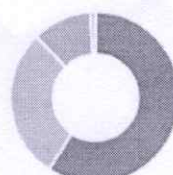
Question	2. How is the Communication Skills of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	29	145	58.00
● Good	4	20	80	32.00
● Average	3	1	3	1.20
● Poor	2	0	0	0.00
Performance				91.20



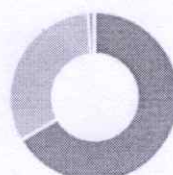
Question	3. How much do you (Student) understand the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Above 80 %	5	28	140	56.00
● 65-80%	4	15	60	24.00
● 50-65%	3	7	21	8.40
● Less than 50 %	2	0	0	0.00
Performance				88.40



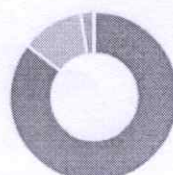
Question	4. How much syllabus is covered / completed?			
Answer	Value	No. of response(s)	Response value	Response %
● 90- 100%	5	25	125	51.02
● 75-90%	4	15	60	24.49
● 60-75%	3	8	24	9.80
● Below 60%	2	1	2	0.82
Performance				86.12



Question	5. How is the knowledge of the teacher about the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	30	150	61.22
● Good	4	18	72	29.39
● Average	3	1	3	1.22
● Poor	2	0	0	0.00
Performance				91.84



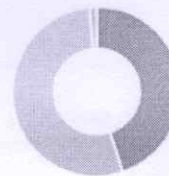
Question	6. Does teacher engage class on time?			
Answer	Value	No. of response(s)	Response value	Response %
● Regularly on Time	5	40	200	81.63
● Sometime on Time	4	7	28	11.43
● Sometime late	3	2	6	2.45
● Always Late	2	0	0	0.00
Performance				95.51



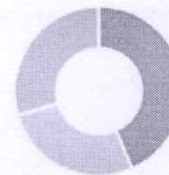
Question	7. Does teacher utilize teaching Aids (Black Board, Projector, etc.)?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	39	195	78.00
● Sometime	4	10	40	16.00
● Never	3	1	3	1.20
Performance				95.20



Question	8. How is the attitude of the teacher towards the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Parental	5	21	105	39.62
● Friendly	4	31	124	46.79
● Rude	3	1	3	1.13
Performance				87.55



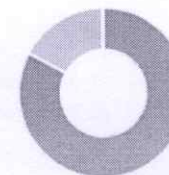
Question	9. Does teacher do the partiality/ favoritism with the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	17	85	34.69
● Sometime	4	13	52	21.22
● Never	3	19	57	23.27
Performance				79.18



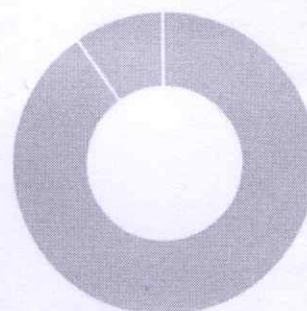
Question	10. How often teacher help students to solve problem?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	34	170	69.39
● Sometime	4	15	60	24.49
● Never	3	0	0	0.00
Performance				93.88



Question	11. Does teacher provide the opportunity to students for asking questions and discussion?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	39	195	79.59
● Sometime	4	10	40	16.33
● Never	3	0	0	0.00
Performance				95.92



Achieved
 Scope for improvement



Achieved 90.38 | Scope for improvement 9.62

Remark

Enter remark for this feedback.



Jawahar Education Society's Institute of Technology, Management and Research, Nashik

Feedback Analysis

Title : Mid Sem Teachers Feedback SEM-II 24-25

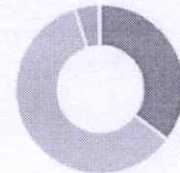
Academic Year : 2024-25

Class : Semester 6 [Information Technology]

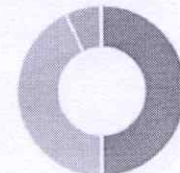
Details : Computer Networks& Security - Theory | Regular (Sharad Patil | Sonal Borase)

Total number of response(s) : 30 / 41

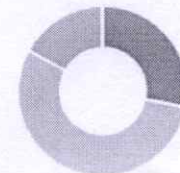
Question	1. How is the teaching of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	9	45	30.00
● Good	4	19	76	50.67
● Average	3	2	6	4.00
● Poor	2	0	0	0.00
Performance				84.67



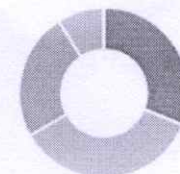
Question	2. How is the Communication Skills of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	13	65	43.33
● Good	4	14	56	37.33
● Average	3	3	9	6.00
● Poor	2	0	0	0.00
Performance				86.67



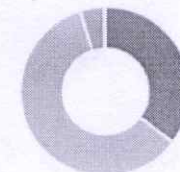
Question	3. How much do you (Student) understand the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Above 80 %	5	7	35	22.58
● 65-80%	4	17	68	43.87
● 50-65%	3	7	21	13.55
● Less than 50 %	2	0	0	0.00
Performance				80.00



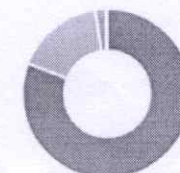
Question	4. How much syllabus is covered / completed?			
Answer	Value	No. of response(s)	Response value	Response %
● 90- 100%	5	7	35	22.58
● 75-90%	4	10	40	25.81
● 60-75%	3	9	27	17.42
● Below 60%	2	5	10	6.45
Performance				72.26



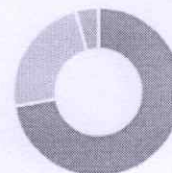
Question	5. How is the knowledge of the teacher about the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	9	45	30.00
● Good	4	19	76	50.67
● Average	3	2	6	4.00
● Poor	2	0	0	0.00
Performance				84.67



Question	6. Does teacher engage class on time?			
Answer	Value	No. of response(s)	Response value	Response %
● Regularly on Time	5	23	115	76.67
● Sometime on Time	4	6	24	16.00
● Sometime late	3	1	3	2.00
● Always Late	2	0	0	0.00
Performance				94.67



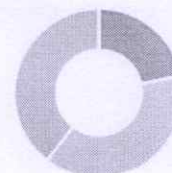
Question	7. Does teacher utilize teaching Aids (Black Board, Projector, etc.)?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	20	100	66.67
● Sometime	4	8	32	21.33
● Never	3	2	6	4.00
Performance				92.00



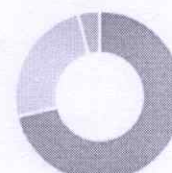
Question	8. How is the attitude of the teacher towards the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Parental	5	16	80	48.48
● Friendly	4	15	60	36.36
● Rude	3	2	6	3.64
Performance				88.48



Question	9. Does teacher do the partiality/ favoritism with the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	5	25	16.13
● Sometime	4	11	44	28.39
● Never	3	15	45	29.03
Performance				73.55



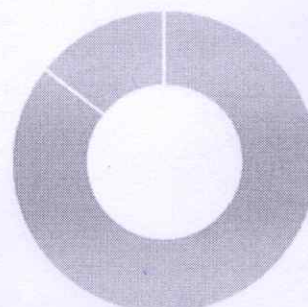
Question	10. How often teacher help students to solve problem?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	21	105	65.63
● Sometime	4	9	36	22.50
● Never	3	2	6	3.75
Performance				91.88



Question	11. Does teacher provide the opportunity to students for asking questions and discussion?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	22	110	70.97
● Sometime	4	8	32	20.65
● Never	3	1	3	1.94
Performance				93.55



Achieved
 Scope for improvement



Achieved 85.67 | Scope for improvement 14.33

Remark

Enter remark for this feedback.



Jawahar Education Society's Institute of Technology, Management and Research, Nashik

Feedback Analysis

Title : Mid Sem Teachers Feedback SEM-II 24-25

Academic Year : 2024-25

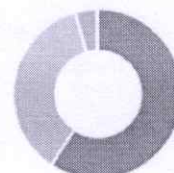
Class : Semester 6 [Information Technology]

Details : Data Science and Big Data Analytics - Theory | Regular (Dipti Survase)

Total number of response(s) : 31 / 41

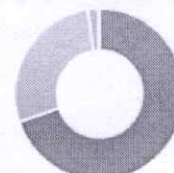
Question 1. How is the teaching of the teacher?

Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	17	85	53.13
● Good	4	13	52	32.50
● Average	3	2	6	3.75
● Poor	2	0	0	0.00
Performance				89.38



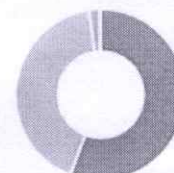
Question 2. How is the Communication Skills of the teacher?

Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	20	100	64.52
● Good	4	10	40	25.81
● Average	3	1	3	1.94
● Poor	2	0	0	0.00
Performance				92.26



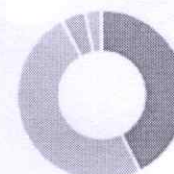
Question 3. How much do you (Student) understand the subject?

Answer	Value	No. of response(s)	Response value	Response %
● Above 80 %	5	16	80	50.00
● 65-80%	4	15	60	37.50
● 50-65%	3	1	3	1.88
● Less than 50 %	2	0	0	0.00
Performance				89.38



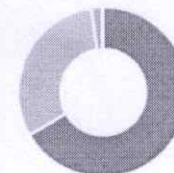
Question 4. How much syllabus is covered / completed?

Answer	Value	No. of response(s)	Response value	Response %
● 90- 100%	5	11	55	35.48
● 75-90%	4	16	64	41.29
● 60-75%	3	2	6	3.87
● Below 60%	2	2	4	2.58
Performance				83.23



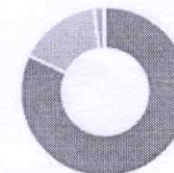
Question 5. How is the knowledge of the teacher about the subject?

Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	19	95	61.29
● Good	4	11	44	28.39
● Average	3	1	3	1.94
● Poor	2	0	0	0.00
Performance				91.61

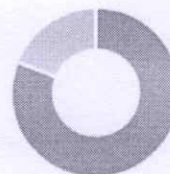


Question 6. Does teacher engage class on time?

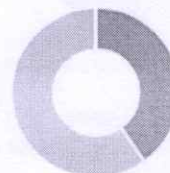
Answer	Value	No. of response(s)	Response value	Response %
● Regularly on Time	5	25	125	78.13
● Sometime on Time	4	6	24	15.00
● Sometime late	3	1	3	1.88
● Always Late	2	0	0	0.00
Performance				95.00



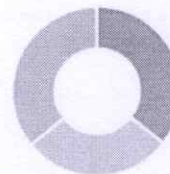
Question	7. Does teacher utilize teaching Aids (Black Board, Projector, etc.)?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	24	120	77.42
● Sometime	4	7	28	18.06
● Never	3	0	0	0.00
Performance				95.48



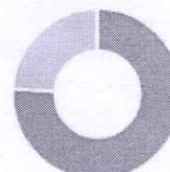
Question	8. How is the attitude of the teacher towards the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Parental	5	13	65	35.14
● Friendly	4	24	96	51.89
● Rude	3	0	0	0.00
Performance				87.03



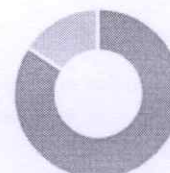
Question	9. Does teacher do the partiality/ favoritism with the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	9	45	27.27
● Sometime	4	9	36	21.82
● Never	3	15	45	27.27
Performance				76.36



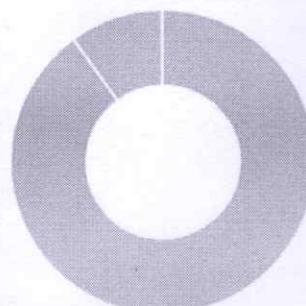
Question	10. How often teacher help students to solve problem?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	23	115	71.88
● Sometime	4	9	36	22.50
● Never	3	0	0	0.00
Performance				94.38



Question	11. Does teacher provide the opportunity to students for asking questions and discussion?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	26	130	81.25
● Sometime	4	6	24	15.00
● Never	3	0	0	0.00
Performance				96.25



Achieved
 Scope for improvement



Achieved 90.03 | Scope for improvement 9.97

Remark

Enter remark for this feedback.



Jawahar Education Society's Institute of Technology, Management and Research, Nashik

Feedback Analysis

Title : Mid Sem Teachers Feedback SEM-II 24-25

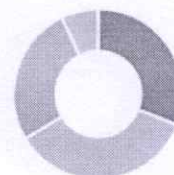
Academic Year : 2024-25

Class : Semester 6 [Information Technology]

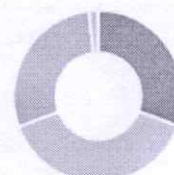
Details : Web Application Development - Theory | Regular (Shoyeb Pathan | Arundhati Birari)

Total number of response(s) : 30 / 41

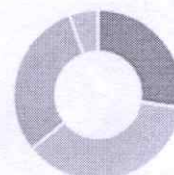
Question	1. How is the teaching of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	7	35	22.58
● Good	4	10	40	25.81
● Average	3	10	30	19.35
● Poor	2	4	8	5.16
Performance				72.90



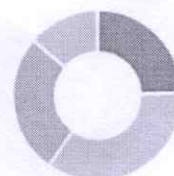
Question	2. How is the Communication Skills of the teacher?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	7	35	23.33
● Good	4	11	44	29.33
● Average	3	11	33	22.00
● Poor	2	1	2	1.33
Performance				76.00



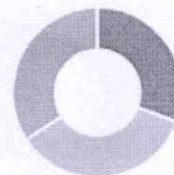
Question	3. How much do you (Student) understand the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Above 80 %	5	6	30	20.00
● 65-80%	4	10	40	26.67
● 50-65%	3	11	33	22.00
● Less than 50 %	2	3	6	4.00
Performance				72.67



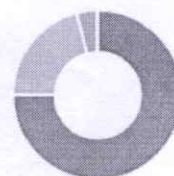
Question	4. How much syllabus is covered / completed?			
Answer	Value	No. of response(s)	Response value	Response %
● 90- 100%	5	5	25	16.67
● 75-90%	4	9	36	24.00
● 60-75%	3	9	27	18.00
● Below 60%	2	7	14	9.33
Performance				68.00



Question	5. How is the knowledge of the teacher about the subject?			
Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	7	35	23.33
● Good	4	10	40	26.67
● Average	3	13	39	26.00
● Poor	2	0	0	0.00
Performance				76.00



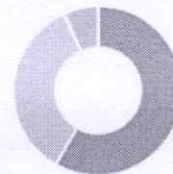
Question	6. Does teacher engage class on time?			
Answer	Value	No. of response(s)	Response value	Response %
● Regularly on Time	5	23	115	69.70
● Sometime on Time	4	8	32	19.39
● Sometime late	3	2	6	3.64
● Always Late	2	0	0	0.00
Performance				92.73



Question	7. Does teacher utilize teaching Aids (Black Board, Projector, etc.)?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	14	70	46.67
● Sometime	4	13	52	34.67
● Never	3	3	9	6.00
Performance				87.33



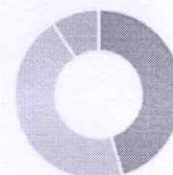
Question	8. How is the attitude of the teacher towards the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Parental	5	16	80	51.61
● Friendly	4	12	48	30.97
● Rude	3	3	9	5.81
Performance				88.39



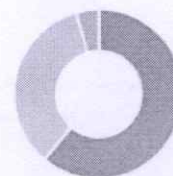
Question	9. Does teacher do the partiality/ favoritism with the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	4	20	12.90
● Sometime	4	10	40	25.81
● Never	3	17	51	32.90
Performance				71.61



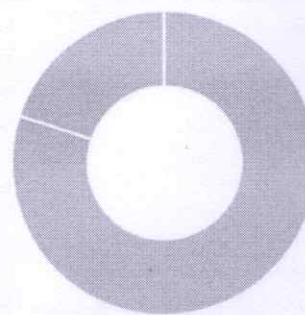
Question	10. How often teacher help students to solve problem?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	12	60	38.71
● Sometime	4	15	60	38.71
● Never	3	4	12	7.74
Performance				85.16



Question	11. Does teacher provide the opportunity to students for asking questions and discussion?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	17	85	54.84
● Sometime	4	12	48	30.97
● Never	3	2	6	3.87
Performance				89.68



Achieved
 Scope for improvement



Achieved 80.04 | Scope for improvement 19.96

Remark

Enter remark for this feedback.



Jawahar Education Society's Institute of Technology, Management and Research, Nashik

Feedback Analysis

Title : Mid Sem Teachers Feedback SEM-II 24-25

Academic Year : 2024-25

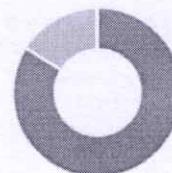
Class : Semester 6 [Information Technology]

Details : Elective-II - Theory | Elective (Jayashri Patil)

Total number of response(s) : 31 / 41

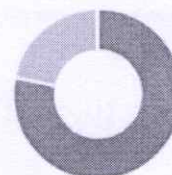
Question 1. How is the teaching of the teacher?

Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	25	125	80.65
● Good	4	6	24	15.48
● Average	3	0	0	0.00
● Poor	2	0	0	0.00
Performance				96.13



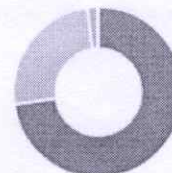
Question 2. How is the Communication Skills of the teacher?

Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	23	115	74.19
● Good	4	8	32	20.65
● Average	3	0	0	0.00
● Poor	2	0	0	0.00
Performance				94.84



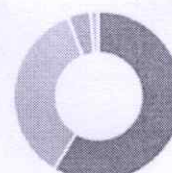
Question 3. How much do you (Student) understand the subject?

Answer	Value	No. of response(s)	Response value	Response %
● Above 80 %	5	21	105	67.74
● 65-80%	4	9	36	23.23
● 50-65%	3	1	3	1.94
● Less than 50 %	2	0	0	0.00
Performance				92.90



Question 4. How much syllabus is covered / completed?

Answer	Value	No. of response(s)	Response value	Response %
● 90- 100%	5	16	80	51.61
● 75-90%	4	12	48	30.97
● 60-75%	3	2	6	3.87
● Below 60%	2	1	2	1.29
Performance				87.74



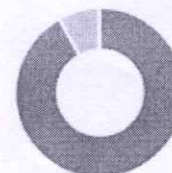
Question 5. How is the knowledge of the teacher about the subject?

Answer	Value	No. of response(s)	Response value	Response %
● Excellent	5	23	115	74.19
● Good	4	8	32	20.65
● Average	3	0	0	0.00
● Poor	2	0	0	0.00
Performance				94.84

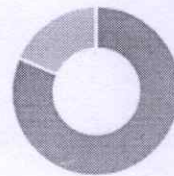


Question 6. Does teacher engage class on time?

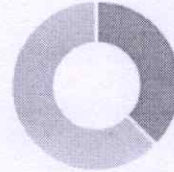
Answer	Value	No. of response(s)	Response value	Response %
● Regularly on Time	5	28	140	90.32
● Sometime on Time	4	3	12	7.74
● Sometime late	3	0	0	0.00
● Always Late	2	0	0	0.00
Performance				98.06



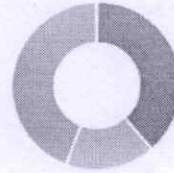
Question	7. Does teacher utilize teaching Aids (Black Board, Projector, etc.)?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	25	125	78.13
● Sometime	4	7	28	17.50
● Never	3	0	0	0.00
Performance				95.63



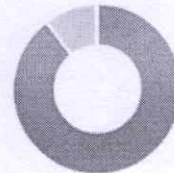
Question	8. How is the attitude of the teacher towards the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Parental	5	12	60	32.43
● Friendly	4	25	100	54.05
● Rude	3	0	0	0.00
Performance				86.49



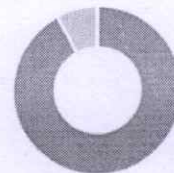
Question	9. Does teacher do the partiality/ favoritism with the students?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	9	45	29.03
● Sometime	4	5	20	12.90
● Never	3	17	51	32.90
Performance				74.84



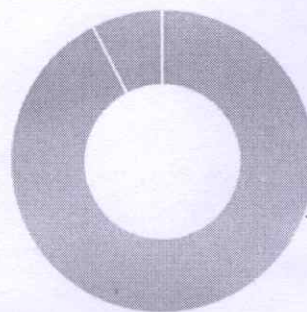
Question	10. How often teacher help students to solve problem?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	28	140	87.50
● Sometime	4	4	16	10.00
● Never	3	0	0	0.00
Performance				97.50



Question	11. Does teacher provide the opportunity to students for asking questions and discussion?			
Answer	Value	No. of response(s)	Response value	Response %
● Always	5	28	140	90.32
● Sometime	4	3	12	7.74
● Never	3	0	0	0.00
Performance				98.06



Achieved
 Scope for improvement



Achieved 92.46 | Scope for improvement 7.54

Remark

Enter remark for this feedback.

BACK



External Examiner Appointment by University

SAVITRIBAI PHULE PUNE UNIVERSITY

ORAL EXAMINATION SCHEDULE, April -May 2025

T.E. (2019 PAT.)(INFORMATION TECHNOLOGY) - AY - 2024-25 - SEM-2

(314456) Computer Network & Security Lab (ORAL) EXAM SCHEDULE

Name of Chairman : Prof. Naman V. Buradkar, (9822343256) - nvburadkar@pict.edu

SR No	College Name	Internal Examiner	Mobile No.	Student Count	From Date	End Date	External	Mobile
1	(CEGA016230)-Padmashri Dr.Vitthalrao Vikhe Patil College of Engineering, Ahmednagar [PUNCODE : CEGA016230] Exam code: 009	(52201481730)-Gayke Pratibha Shashikant	8408052827	63	5/3/2025	5/3/2025	(52201481892)-Ugale Archana Vishnu	9130016577
2	(CEGA016260)-AMRUTWAHINI COLLEGE OF ENGINEERING	(52201482906)-Bhosale Rajkumar Shankarrao	9096667251	74	4/29/2025	4/30/2025	(52197803172)-Salunke Deepak Jagannath	9503501933
3	(CEGN017720)-PARVARA RURAL EDUCATION SOCIETY'S VISHVESHWARIA MEMORIAL ENGG. COLLEGE - Sinner	(52201481892)-Ugale Archana Vishnu	9130016577	64	4/29/2025	4/30/2025	(52201482906)-Bhosale Rajkumar Shankarrao	9096667251
4	(CEGN018050)- MET Institute of Engineering [PUNCODE : CEGN018050] Exam code: 047	(52198103964)-Lahane Priti Shivaji	9970442081	72	5/2/2025	5/3/2025	(52198772974)-Pawar Tejaswini Sharadchandra	8888903030
5	(CEGN018060)-SND COLLEGE OF ENGINEERING	(52198171973)-Rokade Prakash Pandharinath	8999049809	68	4/29/2025		(52201585891)-Shinde Dipali Amol	9970013173
6	(CEGN018350)-Matoshri Engineering College and Research Center [PUNCODE : CEGN018350] Exam code: 058	(52196903378)-Bhale Niranjana Laxmanrao	9881698563	60	4/28/2025	4/29/2025	(52198171973)-Rokade Prakash Pandharinath	8999049809
7	(CEGN018500)-NDMVPS'S ADV.B.G.THAKARE COLLEGE OF ENGG.	(52198772974)-Pawar Tejaswini Sharadchandra	8888903030	70	4/28/2025	4/29/2025	(52198103964)-Lahane Priti Shivaji	9970442081
8	(CEGN018910)-Pune Vidyarthi Griha's College of Engineering Nashik [PUNCODE : CEGN018910] Exam code: 086	(52201585891)-Shinde Dipali Amol	9970013173	65	5/2/2025	5/3/2025	(52092300551)-Mogare Savita Balkrishna	8275255048
9	(CEGN019660)-Jawahar Education Society's Institute of Technology Management and Research - Nashik Exam code: 507	(52201480014)-Patil Sharad Bhagwan	9579294546	48	5/9/2025	5/9/2025	(52196903378)-Bhale Niranjana Laxmanrao	9881698563
10	(CEGA016250)-Pravara Rural Engineering College [PUNCODE : CEGA016250] Exam code: 011	(52197803172)-Salunke Deepak Jagannath	9503501933	69	5/12/2025	5/12/2025	(52201481730)-Gayke Pratibha Shashikant	8408052827
11	(CEGN018340)-PRINCIPAL SANDIP INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE	(52092300551)-Mogare Savita Balkrishna	8275255048	59	5/6/2025	5/6/2025	(52201480014)-Patil Sharad Bhagwan	9579294546

SR No	College Name	Internal Examiner	Mobile No.	Student Count	From Date	End Date	External	Mobile
12	(CEGP010440)-SCTR's Pune Institute of Computer Technology [PUNCODE : CEGP010440] Exam code: 005	(52197804691)-Rane Tushar Anant	9850960081	126	4/30/2025	5/2/2025	(52197700398)-Meshram Dewanand Atmaram	9405134826
13	(CEGP010440)-SCTR's Pune Institute of Computer Technology [PUNCODE : CEGP010440] Exam code: 005	(52197904689)-Jaiswal Vishal Ramesh	9881890974	125	4/30/2025	5/2/2025	(52201480020)-Patil Revati Abhinandan	9923409513
14	(CEGP010530)-D.Y.Patil College of Engineering [PUNCODE : CEGP010530] Exam code: 008	(52201478505)-Bhadre Parvati Prashant	9604788853	141	5/5/2025	5/6/2025	(52198101216)-Walunjkar Gajanan Madhavrao	9822148115
15	(CEGP010600)-Pune Vidyarthi Griha's College of Engineering and Technology [PUNCODE : CEGP010600] Exam code: 007	(52198104570)-Shirsat Neeta Sunil	9850840789	72	5/5/2025	5/6/2025	(52197904689)-Jaiswal Vishal Ramesh	9881890974
16	(CEGP011130)-Army Institute of Technology [PUNCODE : CEGP011130] Exam code: 022	(52198101216)-Walunjkar Gajanan Madhavrao	9822148115	56	4/29/2025	4/30/2025	(52042400106)-Bharati Pratima Sachin	--
17	(CEGP011180)-SINHGAD COLLEGE OF ENGINEERING	(52072200045)-Dawkhar Sachin Laxman	8806664622	70	4/28/2025	4/28/2025	(52198104570)-Shirsat Neeta Sunil	9850840789
18	(CEGP011180)-SINHGAD COLLEGE OF ENGINEERING	(52032200232)-Jadhav Dipali Ganesh	9689898016	70	4/29/2025	4/29/2025	(52052300236)-Rasane Pooja Roshan	9764936567
19	(CEGP011260)-College of Engineering,Manjari Budruk	(52198271435)-Kawale Raghunath Manoharrao	9421272276	59	12/5/2025	12/5/2025	(52071800192)-Shinde Kaustubh Ashok	8698552027
20	(CEGP011360)-GENBA SOPANRAO MOZE COLLEGE OF ENGINEERING BALEWADI	(52201587874)-Mane Priyanka Ashok	9665262396	67	4/28/2025	4/29/2025	(52082000017)-Patil Dheeraj Sudam	9224752705
21	(CEGP011510)-College of Engineering, Baramati [PUNCODE : CEGP011510] Exam code: 035	(52198203169)-Kare Santosh Sahebrao	9922555958	73	4/29/2025	4/30/2025	(52091900193)-Baravkar Bhagyashree Yogesh	9158860172
22	(CEGP011520)-Bharati Vidyapeeth Mahila Abhyantriki Mahavidyalay [PUNCODE : CEGP011520] Exam code: 034	(52198205018)-Sagar Swati Ashok	9607557103	69	5/2/2025	5/3/2025	(52072200212)-Kale Madhuri Satish	8600204381
23	(CEGP012130)-SINHGAD INSTITUTE OF TECHNOLOGY Lonavala	(52198372799)-Kulkarni Anuradha Prasad	9767009703	62	4/28/2025	4/29/2025	(52198271630)-Deshmukh Monali Parikshit	7030990816
24	(CEGP012140)-CAYM EDUCATION TRUST'S SIDDHANT COLLEGE OF ENGINEERING	(52102200266)-Kondewar Jyoti Nitin	7507850857	27	5/9/2025	5/9/2025	(52198372799)-Kulkarni Anuradha Prasad	9767009703
25	(CEGP012350)-SINHGAD ACADEMY OF ENGINEERING Kondwa	(52072200212)-Kale Madhuri Satish	8600204381	73	4/28/2025	4/29/2025	(52201481627)-Nanajkar Jyotsna Amit	9822910610

SR No	College Name	Internal Examiner	Mobile No.	Student Count	From Date	End Date	External	Mobile
26	(CEGP012600)-PARVATIBAI MOZE COLLEGE OF ENGINEERING Wagholi	(52042400106)-Bharati Pratima Sachin	--	71	5/5/2025	5/6/2025	(52198271435)-Kawale Raghunath Manoharrao	9421272276
27	(CEGP012620)-MARATHWADA MITRA MANDAL'S COLLEGE OF ENGINEERING	(52022200137)-Chadchankar Asharani Mahesh	9975727481	67	5/2/2025	5/3/2025	(52198072647)-Nagtilak Saraswati Amol	9689936136
28	(CEGP013090)-Zeal College of Engineering and Research	(52201481627)-Nanajkar Jyotsna Amit	9822910610	143	5/8/2025	5/9/2025	(52197804691)-Rane Tushar Anant	9850960081
29	(CEGP013330)-College of Engineering Malegaon Baramati [PUNCODE : CEGP013330] Exam code: 019	(52198002254)-Gawade Jawahar Sambhaji	9975006622	64	5/5/2025	5/5/2025	(52198203169)-Kare Santosh Sahebrao	9922555958
30	(CEGP013380)-KASHIBAI NAVALE COLLEGE OF ENGINEERING Vadgoan	(52198072647)-Nagtilak Saraswati Amol	9689936136	73	4/28/2025	4/29/2025	(52201478505)-Bhadre Parvati Prashant	9604788853
31	(CEGP013380)-KASHIBAI NAVALE COLLEGE OF ENGINEERING Vadgoan	(52201480020)-Patil Revati Abhinandan	9923409513	73	4/28/2025	4/29/2025	(52198205018)-Sagar Swati Ashok	9607557103
32	(CEGP013860)-DHOLE PATIL COLLEGE OF ENGINEERING	(52052300236)-Rasane Pooja Roshan	9764936567	57	5/5/2025	5/5/2025	(52012500085)-Shahir Mayuri Dhananjay	--
33	(CEGP013880)-SINHGAD INSTITUTE OF TECHNOLOGY & SCIENCE Ambegaon Narhe	(52071800192)-Shinde Kaustubh Ashok	8698552027	57	4/28/2025	4/30/2025	(52022200137)-Chadchankar Asharani Mahesh	9975727481
34	(CEGP014270)-PAD.DR.D.Y.PATIL INSTITUTE OF ENGINEERING & TECHNOLOGY	(52092100166)-Patil Sonali Chandrashekhar	9146260814	77	5/5/2025	5/6/2025	(52201587874)-Mane Priyanka Ashok	9665262396
35	(CEGP014620)-TRINITY COLLEGE OF ENGINEERING & RESEARCH	(52198306230)-Arsalwad Gajanan Parshuram	9552525005	63	5/2/2025	5/5/2025	(52032200232)-Jadhav Dipali Ganesh	9689898016
36	(CEGP015700)-Dattakala Group of Institutions Faculty of Engineering [PUNCODE : CEGP015700] Exam code: 085	(52091900193)-Baravkar Bhagyashree Yogesh	9158860172	49	5/8/2025	5/8/2025	(52198002254)-Gawade Jawahar Sambhaji	9975006622
37	(CEGP019090)-SKN SINHGAD INSTITUTE OF TECHNOLOGY AND SCIENCE - Lonavala Exam code: 104	(52201587584)-Patil Priyanka Sarang	7972215963	69	4/29/2025	4/29/2025	(52092400525)-Pandey Shilpa Agnihotri	--
38	(CEGP019100)-Sinhgad Technical Education Society NBN Sinhgad Technical Institutes Ambegaon Campus	(52012500085)-Shahir Mayuri Dhananjay	--	80	4/28/2025	4/29/2025	(52198306230)-Arsalwad Gajanan Parshuram	9552525005
39	(CEGP019110)-International Institute of Information Technology [PUNCODE : CEGP019110] Exam code: 095	(52201376057)-Bhale Kanchan Mohaniraj	9011370768	70	4/28/2025	4/28/2025	(52201587584)-Patil Priyanka Sarang	7972215963

SR No	College Name	Internal Examiner	Mobile No.	Student Count	From Date	End Date	External	Mobile
40	(CEGP019110)-International Institute of Information Technology [PUNCODE : CEGP019110] Exam code: 095	(52198271630)-Deshmukh Monali Parikshit	7030990816	70	4/29/2025	4/29/2025	(52102200266)-Kondewar Jyoti Nitin	7507850857
41	(CEGP019250)-RMD SINHGAD TECHNICAL INSTITUTE CAMPUS	(52197700398)-Meshram Dewanand Atmaram	9405134826	69	4/28/2025	4/29/2025	(52092100166)-Patil Sonali Chandrashekhar	9146260814
42	(CEGP020310)-Pimpri Chinchwad College of Engineering and Research	(52092400525)-Pandey Shilpa Agnihotri	--	78	4/28/2025	4/29/2025	(52201376057)-Bhale Kanchan Mohaniraj	9011370768
43	(CEGP011300)-Institute of Information Technology [PUNCODE : CEGP011300] Exam code: 025	(52201477629)-Pathak Mrunal Kishor	9421705871	5	5/2/2025	5/2/2025	(52198072647)-Nagtilak Saraswati Amol	9689936136
44	(CEGP011370)-PES'S MODERN COLLEGE OF ENGINEERING	(52201691525)-Patil Digvijay Anandrao	9860616635	71	5/2/2025	5/3/2025	(52062300311)-Pawale Ashvini Narayan	9156190095
45	(CEGP011370)-PES'S MODERN COLLEGE OF ENGINEERING	(52197703560)-Ghuge Chandrashekhar Arvind	9890001897	71	5/2/2025	5/3/2025	(52102300095)-Gade Manisha Amit	9730030150
46	(CEGP012120)-J.S.P.MANDAL'S JAYWANTRAO SAWANT COLLEGE OF ENGINEERING	(52102300095)-Gade Manisha Amit	9730030150	67	4/28/2025	4/29/2025	(52201691525)-Patil Digvijay Anandrao	9860616635
47	(CEGP013100)-Bhivarabai Sawant Institute of Technology and research [PUNCODE : CEGP013100] Exam code: 073	(52062300311)-Pawale Ashvini Narayan	9156190095	74	5/5/2025	5/6/2025	(52072200045)-Dawkhar Sachin Laxman	8806664622
48	(CEGP013890)-Nutan Maharashtra Institute of Engineering and Technology [PUNCODE : CEGP013890] Exam code: 055	(52082000017)-Patil Dheeraj Sudam	9224752705	75	5/9/2025	5/10/2025	(52201480461)-Lavhe Ramesh Sukhadev	7507070663
49	(CEGP019670)-A.B.M.S. Parishad's College of Engineering & Research [PUNCODE : CEGP019670] Exam code: 508	(52201480461)-Lavhe Ramesh Sukhadev	7507070663	70	4/29/2025	4/29/2025	(52197703560)-Ghuge Chandrashekhar Arvind	9890001897

Name of Chairman : Prof. Naman V. Buradkar, (9822343256) - nvburadkar@pict.edu

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