


**MADHUKARRAO PANDAV COLLEGE OF ENGINEERING,BHILEWADA,BHANDARA**

**Department of Computer Engineering**

**Course Outcomes**

<b>Subject : OBJECT ORIENTED PROGRAMMING (THEORY)</b>		<b>Subject Code:BECME303T</b>	<b>Class: 3rd Sem</b>
<b>C01</b>	Realize the difference between the top-down and bottom-up approach along with thinking in terms of objects.		
<b>C02</b>	Explain programming fundamentals, including statement and control flow and recursion.		
<b>C03</b>	Analyze the given problem keeping in mind object oriented approach		
<b>C04</b>	Apply the object-oriented concepts during the development of solution		
<b>C05</b>	Illustrate the use of static and run time binding, error handling mechanism		
<b>PROGRAM OUTCOME (PO)</b>			
<b>P01</b>	<b>Engineering knowledge:</b> An ability to apply knowledge of mathematics, science, and engineering fundamentals.		
<b>P02</b>	<b>Problem analysis:</b> An ability to identify, formulates, and solves complex engineering problems.		
<b>P03</b>	<b>Design/development of solutions:</b> An ability to design a system, component, or process to meet desired needs with appropriate considerations such as economic, environmental, social, political, ethical, health and safety.		
<b>P04</b>	<b>Conduct investigations of complex problems:</b> An ability to design and conduct experiments, as well as to analyze and interpret data.		
<b>P05</b>	<b>Modern tool usage:</b> An ability to use the techniques, skills, and modern engineering & computational tools necessary for engineering practice.		
<b>P06</b>	<b>The engineer and society:</b> The broad education necessary to understand the impact of contextual knowledge on social, health, safety, legal and cultural issues.		
<b>P07</b>	<b>Environment and sustainability:</b> An ability to understand contemporary issues related to social & environmental context for sustainable development of engineering solutions.		
<b>P08</b>	<b>Ethics:</b> An understanding of professional & ethical responsibility.		

<b>P09</b>	<b>Individual and team work:</b> An ability to function effectively as an individual, as a member or leader in diverse & multidisciplinary teams
<b>P010</b>	<b>Communication:</b> An ability to communicate effectively.
<b>P011</b>	<b>Project management and finance:</b> An understanding of engineering & management principles to manage projects.
<b>P012</b>	<b>Life-long learning:</b> A recognition of the need for, and an ability to engage in lifelong learning.
<b><u>Program Specific Outcomes (PSO)</u></b>	
The graduates of the department will attain ability to:	
<b>PSO1</b>	An ability to model and design a computer based system using mathematical concepts, algorithmic techniques and computer science theories in a manner that demonstrates understanding of the tradeoffs involved in design decisions.
<b>PSO2</b>	Design and deployment of hardware and software based systems meeting societal needs.
<b>PSO3</b>	Expertise in the use of techniques, skills and up-to-date engineering tools required for engineering practice and communication skills.

  
**PRINCIPAL**  
 Madhukarrao Pandav College of  
 Engineering, Bhilewada,  
 Bhandara.

**MADHUKARRAO PANDAV COLLEGE OF ENGINEERING, BHILEWADA, BHANDARA**

**Department of Computer Engineering**

**Mapping of CO -PO**

**Subject : OBJECT ORIENTED PROGRAMMING (THEORY)**

**Subject Code: BECME303T**

**Class: 3rd Sem**

CO-PO Correlation	Program Outcomes												Program Specific Outcomes		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
CO1	2	1	2	0	1	0	0	1	1	0	0	1	2	1	1
CO2	1	2	2	2	1	0	0	2	1	1	1	2	0	1	2
CO3	0	2	2	2	0	0	0	2	0	0	0	2	1	0	1
CO4	0	1	2	1	0	0	0	1	1	0	0	1	1	1	2
CO5	1	0	0	0	2	0	0	1	0	0	0	0	0	1	2
<b>Co Average</b>	<b>0.80</b>	<b>1.20</b>	<b>1.60</b>	<b>1.00</b>	<b>0.80</b>	<b>0.00</b>	<b>0.00</b>	<b>1.40</b>	<b>0.60</b>	<b>0.20</b>	<b>0.20</b>	<b>1.20</b>	<b>0.80</b>	<b>0.80</b>	<b>1.60</b>

  
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 Madhukarrao Pandav College of  
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MADHUKARRAO PANDAV COLLEGE OF ENGINEERING, BHILEWADA, BHANDARA											Attainment of COs UT Examination								
DEPARTMENT OF COMPUTER ENGINEERING											Session:-2022-23			Sem:-III Sem( C.B.C.S)					
Subject:- OBJECT ORIENTED PROGRAMMING (THEORY)											Subject Code:-BECME303T								
ROLL NO.	Name of Students	Question No.	1.A	1.B	2.A	2.B	3.A	3.B	4.A	4.B	Total (80)	Final Marks (35)	Internal Assasment Marks (02)	CO1			CO2		
		Max. Marks	9	9	9	9	8	9	9	8				Total Marks Obtained	Total of Max. Marks	CO Attained	Total Marks Obtained	Total of Max. Marks	CO Attained
		CO's Mapped	CO1				CO2												
1	MUNGMODE LEENA ASHOK		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
2	DHANDE MONALEE GYANIRAM		3	2	0	0	6	7	0	0	18	18	1	5	36	0	13	34	1
3	NEWARE PAYAL HIRALAL		0	0	7	6	6	7	0	0	26	26	2	13	36	1	13	34	1
4	SHILAR RESHMA RAVINDRA		0	0	6	7	6	7	0	0	26	26	2	13	36	1	13	34	1
5	MESHARAM RUTUJA RAJKUMAR		7	7	0	0	0	0	7	6	27	27	2	14	36	1	13	34	1
6	DESHMUKH SAMIKSHA SUNIL		0	0	7	6	7	6	0	0	26	26	2	13	36	1	13	34	1
7	TALOKAR SANSKRUTI MADHAVRAO		7	8	0	0	6	8	0	0	29	29	2	15	36	1	14	34	1
8	MEHAR SEJAL CHATUR		7	6	0	0	0	0	6	7	26	26	2	13	36	1	13	34	1
9	TAMBE SHARAYU SHEKHAR		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
10	BORKAR SHRAWANI RAJU		7	8	0	0	6	7	0	0	28	28	2	15	36	1	13	34	1
11	RASEKAR SHRUTI DINESH		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
12	RAHANDALE SHWETA RUPESH		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
13	MESHARAM VAISHNAVI MAHESH		0	0	8	6	6	7	0	0	27	27	2	14	36	1	13	34	1
14	BANTE ARPIT VIJAY		5	3	0	0	3	2	0	0	13	13	1	8	36	0	5	34	0
15	WANVE ASHWIN SANDIP		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
16	MANDAWKAR ATHARV MADHAV		7	6	0	0	8	7	0	0	28	28	2	13	36	1	15	34	1
17	NAGPURE CHAMAN YOGRAJ		3	1	0	0	3	2	0	0	9	9	1	4	36	0	5	34	0
18	CHANDEWAR GIRIDHAR VILAS		8	6	0	0	6	6	0	0	26	26	2	14	36	1	12	34	1
19	KHOTELE HRUTIK PUSHPAK		7	6	0	0	7	7	0	0	27	27	2	13	36	1	14	34	1
20	PINGALE KARTIK UDARAM		8	6	0	0	7	8	0	0	29	29	2	14	36	1	15	34	1
21	KADGAYE KRUNAL MUNESHWAR		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
22	SHENDE PIYUSH ARUN		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
23	SHENDE RITIK SUBHASH		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
24	CHACHANE TULANYA PRUTHVIRAJ		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
25	HALMARE UJWAL SHIVSHANKAR		7	6	0	0	0	0	8	5	26	26	2	13	36	1	13	34	1
26	SATHONE VAIBHAV GURUDAS		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
27	BAGHELE SHUBHAM SHIVLAL		7	6	0	0	0	0	8	6	27	27	2	13	36	1	14	34	1
28	BISANE JYOTSNA SHRICHAND		7	6	0	0	0	0	6	7	26	26	2	13	36	1	13	34	1
29	BORKAR MANISH SANJAY		0	0	6	7	0	0	8	5	26	26	2	13	36	1	13	34	1

30	CHOUDHARI KHUSHBU BHUMESHWAR		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
31	DHOMANE ARYA SANJIVKUMAR		0	0	8	6	0	0	7	5	26	26	2	14	36	1	12	34	1
32	GAJAPURE ABOLI OMPRAKASH		0	0	8	7	0	0	6	5	26	26	2	15	36	1	11	34	0
33	GAYDHANE SAGAR LEKHIRAM		7	7	0	0	0	0	7	5	26	26	2	14	36	1	12	34	1
34	JAMBHULKAR ASHWINI SOMA		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
35	JAMBHULKAR BHAGYASHREE VINAYAK		8	7	0	0	0	0	6	5	26	26	2	15	36	1	11	34	0
36	KAMANE PIYUSH AMRUT		8	7	0	0	0	0	6	5	26	26	2	15	36	1	11	34	0
37	KAUSTUBH KATRE		7	8	0	0	0	0	5	6	26	26	2	15	36	1	11	34	0
38	KUNJEKAR AYUSH VIJAY		8	6	0	0	6	7	0	0	27	27	2	14	36	1	13	34	1
39	MANDADE NASHIK BABU		0	0	8	4	0	0	8	6	26	26	2	12	36	0	14	34	1
40	MASURKAR PRACHI DILIP		0	0	6	6	0	0	8	6	26	26	2	12	36	0	14	34	1
41	MULE ADITYA VENUMADHAV		0	0	7	9	0	0	7	6	29	29	2	16	36	1	13	34	1
42	NEWARE NEHA SHANKAR		7	6	0	0	8	6	0	0	27	27	2	13	36	1	14	34	1
43	NIKHARE LUSHANT DHANRAJ		0	0	7	9	0	0	7	6	29	29	2	16	36	1	13	34	1
44	PARDHI BHAVESH YAMESHWAR		0	0	7	6	6	7	0	0	26	26	2	13	36	1	13	34	1
45	RAHANGDALE AKSHAYKUMAR KISHOR		0	0	6	5	7	8	0	0	26	26	2	11	36	0	15	34	1
46	SHARNAGAT ACHAL SUNIL		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
47	SHARNAGATE TANU SURESH		0	0	8	5	0	0	8	7	28	28	2	13	36	1	15	34	1
48	SONWANE UNNATI LAXMICHAND		0	0	8	7	0	0	7	4	26	26	2	15	36	1	11	34	0
49	THAKRE JAYANT RAMESHWAR		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
50	TULSIKUMAR CHANDRAPAL BISANE		0	0	8	7	0	0	8	6	29	29	2	15	36	1	14	34	1

<b>Number Students Scoring more than 70 % Marks</b>	<b>44</b>		<b>43</b>
<b>Number of Students Attempting CO related Question</b>	<b>50</b>		<b>50</b>
<b>Percentage of Students Scoring More than 70 % Marks</b>	<b>88.00</b>		<b>86.00</b>

CO	% of students successfully attaining the CO	LEVEL
CO-1	88.00	2
CO-2	86.00	2

<b>If 85 percent Students scoring more 70 percent write -3 (High)</b>
<b>If 75 percent Students scoring more 70 percent write -2 (Medium)</b>
<b>If 65 percent Students scoring more 70 percent write -1 (LOW)</b>
<b>If less 65 percent Students scoring more 70 percent write -0 (NOT ATTAINED)</b>

MADHUKARRAO PANDAV COLLEGE OF ENGINEERING, BHILEWADA, BHANDARA											Attainment of COs UT Examination								
DEPARTMENT OF COMPUTER ENGINEERING											Session:-2022-23				Sem:-III Sem( C.B.C.S)				
Subject:- OBJECT ORIENTED PROGRAMMING (THEORY)											Subject Code:-BECME303T								
ROLL NO.	Name of Students	Question No.	1.A	1.B	2.A	2.B	3.A	3.B	4.A	4.B	Total (80)	Final Marks (35)	Internal Assasment Marks (02)	CO3			CO4		
		Max. Marks	9	9	9	9	8	9	8	9				Total of Marks Obtained	Total of Max. Marks	CO Attained	Total of Marks Obtained	Total of Max. Marks	CO Attained
		CO's Mapped	CO3				CO4												
1	MUNGMODE LEENA ASHOK		7	8	0	0	7	6	0	0	28	28	2	15	36	1	13	34	1
2	DHANDE MONALEE GYANIRAM		5	3	0	0	3	2	0	0	13	13	1	8	36	0	5	34	0
3	NEWARE PAYAL HIRALAL		7	6	0	0	8	7	0	0	28	28	2	13	36	1	15	34	1
4	SHILAR RESHMA RAVINDRA		6	7	0	0	5	8	0	0	26	26	2	13	36	1	13	34	1
5	MESHARAM RUTUJA RAJKUMAR		8	6	0	0	6	6	0	0	26	26	2	14	36	1	12	34	1
6	DESHMUKH SAMIKSHA SUNIL		7	6	0	0	7	7	0	0	27	27	2	13	36	1	14	34	1
7	TALOKAR SANSKRUTI MADHAVRAO		8	6	0	0	7	8	0	0	29	29	2	14	36	1	15	34	1
8	MEHAR SEJAL CHATUR		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
9	TAMBE SHARAYU SHEKHAR		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
10	BORKAR SHRAWANI RAJU		7	8	0	0	6	7	0	0	28	28	2	15	36	1	13	34	1
11	RASEKAR SHRUTI DINESH		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
12	RAHANGDALE SHWETA RUPESH		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
13	MESHARAM VAISHNAVI MAHESH		0	0	8	6	6	7	0	0	27	27	2	14	36	1	13	34	1
14	BANTE ARPIT VIJAY		5	3	0	0	3	2	0	0	13	13	1	8	36	0	5	34	0
15	WANVE ASHWIN SANDIP		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
16	MANDAWKAR ATHARV MADHAV		7	6	0	0	8	7	0	0	28	28	2	13	36	1	15	34	1
17	NAGPURE CHAMAN YOGRAJ		3	2	0	0	3	2	0	0	10	10	1	5	36	0	5	34	0
18	CHANDEWAR GIRIDHAR VILAS		8	6	0	0	6	6	0	0	26	26	2	14	36	1	12	34	1
19	KHOTELE HRUTIK PUSHPAK		7	6	0	0	7	7	0	0	27	27	2	13	36	1	14	34	1
20	PINGALE KARTIK UDARAM		8	6	0	0	7	8	0	0	29	29	2	14	36	1	15	34	1
21	KADGAYE KRUNAL MUNESHWAR		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
22	SHENDE PIYUSH ARUN		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
23	SHENDE RITIK SUBHASH		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
24	CHACHANE TULANYA PRUTHVIRAJ		8	6	0	0	6	7	0	0	27	26	2	14	36	1	13	34	1
25	HALMARE UJWAL SHIVSHANKAR		0	0	8	4	0	0	8	6	26	26	2	12	36	0	14	34	1
26	SATHONE VAIBHAV GURUDAS		0	0	6	6	0	0	8	6	26	26	2	12	36	0	14	34	1
27	BAGHELE SHUBHAM SHIVLAL		0	0	7	9	0	0	7	6	29	29	2	16	36	1	13	34	1
28	BISANE JYOTSNA SHRICHAND		7	6	0	0	8	6	0	0	27	27	2	13	36	1	14	34	1
29	BORKAR MANISH SANJAY		0	0	7	9	0	0	7	6	29	29	2	16	36	1	13	34	1
30	CHOUDHARI KHUSHBU BHUMESHWAR		0	0	7	6	6	7	0	0	26	26	2	13	36	1	13	34	1
31	DHOMANE ARYA SANJIVKUMAR		0	0	6	5	7	8	0	0	26	26	2	11	36	0	15	34	1
32	GAJAPURE ABOLI OMPRAKASH		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
33	GAYDHANE SAGAR LEKHIRAM		0	0	8	5	0	0	8	7	28	28	2	13	36	1	15	34	1

34	JAMBHULKAR ASHWINI SOMA		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
35	JAMBHULKAR BHAGYASHREE VINAYAK		0	0	8	7	0	0	7	4	26	26	2	15	36	1	11	34	0
36	KAMANE PIYUSH AMRUT		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
37	KAUSTUBH KATRE		0	0	8	7	0	0	8	6	29	26	2	15	36	1	14	34	1
38	KUNJEKAR AYUSH VIJAY		8	6	0	0	6	7	0	0	27	27	2	14	36	1	13	34	1
39	MANDADE NASHIK BABU		0	0	8	4	0	0	8	6	26	26	2	12	36	0	14	34	1
40	MASURKAR PRACHI DILIP		0	0	6	6	0	0	8	6	26	26	2	12	36	0	14	34	1
41	MULE ADITYA VENUMADHAV		0	0	7	9	0	0	7	6	29	29	2	16	36	1	13	34	1
42	NEWARE NEHA SHANKAR		7	6	0	0	8	6	0	0	27	27	2	13	36	1	14	34	1
43	NIKHARE LUSHANT DHANRAJ		0	0	7	9	0	0	7	6	29	29	2	16	36	1	13	34	1
44	PARDHI BHAVESH YAMESHWAR		0	0	7	6	6	7	0	0	26	26	2	13	36	1	13	34	1
45	RAHANGDALE AKSHAYKUMAR KISHOR		0	0	6	5	7	8	0	0	26	26	2	11	36	0	15	34	1
46	SHARNAGAT ACHAL SUNIL		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
47	SHARNAGATE TANU SURESH		0	0	8	5	0	0	8	7	28	28	2	13	36	1	15	34	1
48	SONWANE UNNATI LAXMICHAND		0	0	8	7	0	0	7	4	26	26	2	15	36	1	11	34	0
49	THAKRE JAYANT RAMESHWAR		7	6	0	0	6	7	0	0	26	26	2	13	36	1	13	34	1
50	TULSIKUMAR CHANDRAPAL BISANE		0	0	8	7	0	0	8	6	29	29	2	15	36	1	14	34	1

<b>Number Students Scoring more than 70 % Marks</b>																<b>41</b>			<b>45</b>
<b>Number of Students Attempting CO related Question</b>																<b>50</b>			<b>50</b>
<b>Percentage of Students Scoring More than 70 % Marks</b>																<b>82.00</b>			<b>90.00</b>

CO	% of students successfully attaining the CO	LEVEL
CO3	82.00	1
CO4	90.00	2

<b>If 85 percent Students scoring more 70 percent write -3 (High)</b>
<b>If 75 percent Students scoring more 70 percent write -2 (Medium)</b>
<b>If 65 percent Students scoring more 70 percent write -1 (LOW)</b>
<b>If less 65 percent Students scoring more 70 percent write -0 (NOT ATTAINED)</b>

MADHUKARRAO PANDAV COLLEGE OF ENGINEERING, BHILEWADA, BHANDARA																				Attainment of COs In PUT Examination																				
DEPARTMENT OF COMPUTER ENGINEERING																				Session:-2023-24					Sem:-III( C.B.C.S)															
Subject:-OBJECT ORIENTED PROGRAMMING (THEORY)																				Subject Code:- BECM303T																				
ROLL NO.	Name of Students	Question No.	1.A	2.B	3.C	2.A	2.B	3.A	3.B	4.A	4.B	5.A	5.B	6.A	6.B	7.A	7.B	8.A	8.B	9.A	9.B	10.A	10.B	Total (140)	Final Marks (70)	CO1			CO2			CO3			CO4			CO5		
		Max. Marks	4	5	5	7	7	7	7	7	7	7	7	7	7	7	7	7	8	6	6	8	7			7	Total Marks Obtained	Total of Max. Marks	CO Attained	Total Marks Obtained	Total of Max. Marks	CO Attained	Total Marks Obtained	Total of Max. Marks	CO Attained	Total Marks Obtained	Total of Max. Marks	CO Attained		
		CO's Mapped	CO1					CO2					CO3					CO4					CO5																	
1	MUNGMODE LEENA ASHOK	0	0	0	7	7	7	6	0	0	0	0	7	6	7	6	0	0	0	0	5	6	64	64	14	28	1	13	28	1	13	28	1	13	28	1	11	28	1	
2	DHANDE MONALEE GYANIRAM	0	0	0	7	5	7	7	0	0	0	0	7	7	7	6	0	0	0	0	5	6	64	64	12	28	1	14	28	1	14	28	1	13	28	1	11	28	1	
3	NEWARE PAYAL HIRALAL	0	0	0	6	7	7	6	0	0	7	7	0	0	4	3	0	0	0	0	5	3	55	55	13	28	1	13	28	1	14	28	1	7	28	0	8	28	0	
4	SHILAR RESHMA RAVINDRA	3	4	4	0	0	7	7	0	0	7	6	0	0	7	6	0	0	0	0	7	6	53	64	0	28	0	14	28	1	13	28	1	13	28	1	13	28	1	
5	MESHARAM RUTUJA RAJKUMAR	0	0	0	7	7	0	0	5	6	6	7	0	0	0	0	8	6	0	0	6	6	64	64	14	28	1	11	28	1	13	28	1	14	28	1	12	28	1	
6	DESHMUKH SAMIKSHA SUNIL	0	0	0	7	7	0	0	7	6	0	0	7	7	0	0	5	4	0	0	7	7	64	64	14	28	1	13	28	1	14	28	1	9	28	0	14	28	1	
7	TALOKAR SANSKRUTI MADHAVRAO	0	0	0	7	7	7	6	0	0	7	6	0	0	0	0	8	4	0	0	5	6	63	63	14	28	1	13	28	1	13	28	1	12	28	1	11	28	1	
8	MEHAR SEJAL CHATUR	0	0	0	7	7	7	6	0	0	0	0	5	6	6	7	0	0	5	8	0	0	64	64	14	28	1	13	28	1	11	28	1	13	28	1	13	28	1	
9	TAMBE SHARAYU SHEKHAR	4	5	5	0	0	7	6	0	0	0	0	5	7	6	7	0	0	0	0	5	6	49	63	0	28	0	13	28	1	12	28	1	13	28	1	11	28	1	
10	BORKAR SHRAWANI RAJU	0	0	0	7	7	0	0	7	7	0	0	7	7	3	5	0	0	6	8	0	0	64	64	14	28	1	14	28	1	14	28	1	8	28	0	14	28	1	
11	RASEKAR SHRUTI DINESH	0	0	0	7	7	7	6	0	0	0	0	7	6	7	6	0	0	0	0	5	6	64	64	14	28	1	13	28	1	13	28	1	13	28	1	11	28	1	
12	RAHANDALE SHWETA RUPESH	0	0	0	7	7	0	0	7	5	0	0	7	6	6	6	0	0	0	0	7	6	64	64	14	28	1	12	28	1	13	28	1	12	28	1	13	28	1	
13	MESHARAM VAISHNAVI MAHESH	0	0	0	7	7	7	6	0	0	0	0	7	6	7	6	0	0	0	0	6	6	65	65	14	28	1	13	28	1	13	28	1	13	28	1	12	28	1	
14	BANTE ARPIT VIJAY	0	0	0	7	7	7	7	0	0	0	0	6	7	0	0	5	4	0	0	7	7	64	64	14	28	1	14	28	1	13	28	1	9	28	0	14	28	1	
15	WANVE ASHWIN SANDIP	0	0	0	6	7	7	6	0	0	7	7	0	0	4	3	0	0	0	0	5	3	55	55	13	28	1	13	28	1	14	28	1	7	28	0	8	28	0	
16	MANDAWKAR ATHARV MADHAV	3	4	4	0	0	6	6	0	0	0	0	5	5	6	5	0	0	0	0	5	6	55	55	0	28	0	12	28	1	10	28	1	11	28	1	11	28	1	
17	NAGPURE CHAMAN YOGRAJ	0	0	0	6	7	7	6	0	0	0	0	7	6	7	6	0	0	0	0	7	7	66	66	13	28	1	13	28	1	13	28	1	13	28	1	14	28	1	
18	CHANDEWAR GIRIDHAR VILAS	0	0	0	7	5	7	6	0	0	0	0	7	7	7	6	0	0	0	0	7	6	65	65	12	28	1	13	28	1	14	28	1	13	28	1	13	28	1	
19	KHOTELE HRUTIK PUSHPAK	0	0	0	7	7	6	5	0	0	0	0	7	5	6	6	0	0	0	0	4	3	56	56	14	28	1	11	28	1	12	28	1	12	28	1	7	28	0	
20	PINGALE KARTIK UDARAM	0	0	0	7	7	7	6	0	0	0	0	7	6	7	6	0	0	0	0	5	6	64	64	14	28	1	13	28	1	13	28	1	13	28	1	11	28	1	
21	KADGAYE KRUNAL MUNESHWAR	3	4	4	0	0	6	6	0	0	0	0	5	5	6	5	0	0	0	0	5	6	55	55	0	28	0	12	28	1	10	28	1	11	28	1	11	28	1	
22	SHENDE PIYUSH ARUN	0	0	0	7	7	7	6	0	0	4	5	0	0	7	7	0	0	0	0	7	7	64	64	14	28	1	13	28	1	9	28	0	14	28	1	14	28	1	
23	SHENDE RITIK SUBHASH	0	0	0	7	7	7	6	0	0	0	0	5	6	5	7	0	0	0	0	7	7	64	64	14	28	1	13	28	1	11	28	1	12	28	1	14	28	1	
24	CHACHANE TULANYA PRUTHVIRAJ	0	0	0	7	7	7	6	0	0	0	0	7	6	7	6	0	0	0	0	5	6	64	64	14	28	1	13	28	1	13	28	1	13	28	1	11	28	1	
25	HALMARE UJWAL SHIVSHANKAR	0	0	0	7	7	7	7	0	0	0	0	7	6	7	6	0	0	0	0	5	6	65	65	14	28	1	14	28	1	13	28	1	13	28	1	11	28	1	
26	SATHONE VAIBHAV GURUDAS	0	0	0	5	7	5	6	0	0	0	0	5	6	7	6	0	0	0	0	5	4	56	56	12	28	1	11	28	1	11	28	1	13	28	1	9	28	0	
27	BAGHELE SHUBHAM SHIVLAL	0	0	0	7	7	5	6	0	0	6	7	0	0	7	7	0	0	0	0	7	7	66	66	14	28	1	11	28	1	13	28	1	14	28	1	14	28	1	
28	BISANE JYOTSNA SHRICHAND	0	0	0	7	7	7	6	0	0	5	4	0	0	7	7	0	0	0	0	7	7	64	64	14	28	1	13	28	1	9	28	0	14	28	1	14	28	1	
29	BORKAR MANISH SANJAY	0	0	0	7	7	7	6	0	0	0	0	5	6	7	7	0	0	0	0	7	5	64	64	14	28	1	13	28	1	11	28	1	14	28	1	12	28	1	
30	CHOUHARI KHUSHBU BHUMESHWAR	0	0	0	6	7	7	6	0	0	7	7	0	0	4	3	0	0	0	0	5	3	55	55	13	28	1	13	28	1	14	28	1	7	28	0	8	28	0	
31	DHOMANE ARYA SANJIVKUMAR	0	0	0	6	5	7	6	0	0	7	6	0	0	6	7	0	0	0	0	7	7	64	64	11	28	1	13	28	1	13	28	1	13	28	1	14	28	1	
32	GAJAPURE ABOLI OMPRAKASH	0	0	0	7	7	0	0	5	6	0	0	7	6	7	6	0	0	6	7	0	0	64	64	14	28	1	11	28	1	13	28	1	13	28	1	13	28	1	
33	GAYDHANE SAGAR LEKHARAM	0	0	0	7	7	0	0	4	5	0	0	7	6	7	7	0	0	0	0	7	7	64	64	14	28	1	9	28	0	13	28	1	14	28	1	14	28	1	
34	JAMBHULKAR ASHWINI SOMA	0	0	0	7	7	0	0	7	6	0	0	7	6	7	6	0	0	0	0	5	6	64	64	14	28	1	13	28	1	13	28	1	13	28	1	11	28	1	
35	JAMBHULKAR BHAGYASHREE VINAYAK	0	0	0	4	5	6	5	0	0	0	0	7	6	7	6	0	0	0	0	5	5	56	56	9	28	0	11	28	1	13	28	1	13	28	1	10	28	1	



36	KAMANE PIYUSH AMRUT	0	0	0	7	5	5	7	0	0	0	0	7	6	7	6	0	0	0	0	7	7	64	64	12	28	1	12	28	1	13	28	1	13	28	1	14	28	1
37	KAUSTUBH KATRE	0	0	0	6	7	7	6	0	0	0	0	7	6	7	6	0	0	0	0	5	6	63	63	13	28	1	13	28	1	13	28	1	13	28	1	11	28	1
38	KUNJEKAR AYUSH VIJAY	0	0	0	7	7	0	0	5	6	0	0	7	6	7	6	0	0	6	7	0	0	64	64	14	28	1	11	28	1	13	28	1	13	28	1	13	28	1
39	MANDADE NASHIK BABU	0	0	0	6	7	7	7	0	0	0	0	7	6	7	6	0	0	0	0	5	6	64	64	13	28	1	14	28	1	13	28	1	13	28	1	11	28	1
40	MASURKAR PRACHI DILIP	0	0	0	7	7	7	6	0	0	0	0	7	6	0	0	6	6	0	0	5	7	64	64	14	28	1	13	28	1	13	28	1	12	28	1	12	28	1
41	MULE ADITYA VENUMADHAV	0	0	0	7	5	7	6	0	0	0	0	7	6	7	6	0	0	0	0	7	6	64	64	12	28	1	13	28	1	13	28	1	13	28	1	13	28	1
42	NEWARE NEHA SHANKAR	0	0	0	7	7	7	6	0	0	0	0	7	6	7	6	0	0	0	0	5	6	64	64	14	28	1	13	28	1	13	28	1	13	28	1	11	28	1
43	NIKHARE LUSHANT DHANRAJ	0	0	0	7	7	7	6	0	0	0	0	7	6	7	6	0	0	0	0	5	6	64	64	14	28	1	13	28	1	13	28	1	13	28	1	11	28	1
44	PARDHI BHAVESH YAMESHWAR	0	0	0	6	7	7	6	0	0	0	0	7	6	7	6	0	0	0	0	5	6	63	63	13	28	1	13	28	1	13	28	1	13	28	1	11	28	1
45	RAHANGDALE AKSHAYKUMAR KISHOR	0	0	0	7	7	7	6	0	0	0	0	7	6	7	6	0	0	0	0	5	6	64	64	14	28	1	13	28	1	13	28	1	13	28	1	11	28	1
46	SHARNAGAT ACHAL SUNIL	0	0	0	7	7	7	6	0	0	0	0	7	6	7	6	0	0	0	0	5	6	64	64	14	28	1	13	28	1	13	28	1	13	28	1	11	28	1
47	SHARNAGATE TANU SURESH	0	0	0	7	7	7	6	0	0	0	7	6	0	0	0	8	4	0	0	5	6	63	63	14	28	1	13	28	1	13	28	1	12	28	1	11	28	1
48	SONWANE UNNATI LAXMICHAND	0	0	0	7	7	7	6	0	0	7	6	0	0	0	0	8	4	0	0	5	6	63	63	14	28	1	13	28	1	13	28	1	12	28	1	11	28	1
49	THAKRE JAYANT RAMESHWAR	0	0	0	7	7	0	0	7	6	0	0	7	6	7	6	0	0	0	0	5	6	64	64	14	28	1	13	28	1	13	28	1	13	28	1	11	28	1
50	TULSIKUMAR CHANDRAPAL BISANE	0	0	0	7	7	7	6	0	0	7	6	0	0	0	0	8	4	0	0	5	6	63	63	14	28	1	13	28	1	13	28	1	12	28	1	11	28	1

Number Students Scoring more than 70 % Marks		45			49			48			44			45
Number of Students Attempting CO related Question		50			50			50			50			50
Percentage of Students Scoring More than 70 % Marks		90.00			98.00			96.00			88.00			90.00

CO	% of students successfully attaining the CO	LEVEL
CO-1	90.00	3
CO-2	98.00	3
CO-3	96.00	3
CO-4	88.00	2
CO-5	90.00	2

If 85 percent Students scoring more 70 percent write -3 (High)
If 75 percent Students scoring more 70 percent write -2 (Medium)
If 65 percent Students scoring more 70 percent write -1 (LOW)
If less 65 percent Students scoring more 70 percent write -0 (NOT ATTAINED)

**MADHUKARRAO PANDAV COLLEGE OF ENGINEERING, BHILEWADA, BHANDARA**  
**DEPARTMENT OF COMPUTER ENGINEERING**  
**University Result Analysis 2023-24**  
**Sub: OBJECT ORIENTED PROGRAMMING (THEORY)**  
**Semester: -III Sem( C.B.C.S)**

S. No.	Name of the Students	RTMNU Marks (out of 70)
1	MUNGMODE LEENA ASHOK	18
2	DHANDE MONALEE GYANIRAM	8
3	NEWARE PAYAL HIRALAL	16
4	SHILAR RESHMA RAVINDRA	15
5	MESHARAM RUTUJA RAJKUMAR	8
6	DESHMUKH SAMIKSHA SUNIL	18
7	TALOKAR SANSKRUTI MADHAVRAO	12
8	MEHAR SEJAL CHATUR	4
9	TAMBE SHARAYU SHEKHAR	10
10	BORKAR SHRAWANI RAJU	10
11	RASEKAR SHRUTI DINESH	6
12	RAHANGDALE SHWETA RUPESH	30
13	MESHARAM VAISHNAVI MAHESH	12
14	BANTE ARPIT VIJAY	5
15	WANVE ASHWIN SANDIP	21
16	MANDAWKAR ATHARV MADHAV	10
17	NAGPURE CHAMAN YOGRAJ	9
18	CHANDEWAR GIRIDHAR VILAS	8
19	KHOTELE HRUTIK PUSHPAK	7
20	PINGALE KARTIK UDARAM	16
21	KADGAYE KRUNAL MUNESHWAR	7
22	SHENDE PIYUSH ARUN	31
23	SHENDE RITIK SUBHASH	0
24	CHACHANE TULANYA PRUTHVIRAJ	11
25	HALMARE UJWAL SHIVSHANKAR	6
26	SATHONE VAIBHAV GURUDAS	14
27	BAGHELE SHUBHAM SHIVLAL	17
28	BISANE JYOTSNA SHRICHAND	7
29	BORKAR MANISH SANJAY	16
30	CHOUDHARI KHUSHBU BHUMESHWAR	18
31	DHOMANE ARYA SANJIVKUMAR	17

32	GAJAPURE ABOLI OMPRAKASH	32
33	GAYDHANE SAGAR LEKHIRAM	19
34	JAMBHULKAR ASHWINI SOMA	20
35	JAMBHULKAR BHAGYASHREE VINAYAK	13
36	KAMANE PIYUSH AMRUT	AA
37	KAUSTUBH KATRE	14
38	KUNJEKAR AYUSH VIJAY	7
39	MANDADE NASHIK BABU	15
40	MASURKAR PRACHI DILIP	7
41	MULE ADITYA VENUMADHAV	6
42	NEWARE NEHA SHANKAR	AA
43	NIKHARE LUSHANT DHANRAJ	15
44	PARDHI BHAVESH YAMESHWAR	8
45	RAHANGDALE AKSHAYKUMAR KISHOR	38
46	SHARNAGAT ACHAL SUNIL	28
47	SHARNAGATE TANU SURESH	23
48	SONWANE UNNATI LAXMICHAND	25
49	THAKRE JAYANT RAMESHWAR	14
50	TULSIKUMAR CHANDRAPAL BISANE	14
	<b>Average</b>	<b>14.27</b>
	<b>No. students scoring more than Average marks</b>	<b>21</b>
	<b>Percentage of students scoring more than Average marks</b>	<b>43.75</b>

Above 50% student scoring more than Average Marks =3
Above 40% student scoring more than Average Marks =2
Above 30% student scoring more than Average Marks =1

# MADHUKARRAO PANDAV COLLEGE OF ENGINEERING, BHILEWADA, BHANDARA

Department of Computer Engineering

THEORY CO ATTAINMENT

Session:- 2023-24

Subject :OBJECT ORIENTED PROGRAMMING (THEORY)

Subject Code:BECME303T

Semeste: 3rd Sem( C.B.C.S)

			INTERNAL TOOLS						EXTERNAL TOOLS		
Sem	Couse Name	CO	Sessional-1		Sessional-1I		PUT		RTMNU_th		Overall CO Attainment
			Percentage of students scoring more than 70% marks	Attainment Level	Percentage of students scoring more than 70% marks	Attainment Level	Percentage of students scoring more than 70% marks	Attainment Level	Percentage of students scoring more than Average marks	Attainment Level	
III	OBJECT ORIENTED PROGRAMMING	CO1	88.00	2			90.00	3	43.75	2	1.93
		CO2	86.00	2			98.00	3	43.75	2	1.93
		CO3			82.00	1	96.00	3	43.75	2	1.87
		CO4			90.00	2	88.00	2	43.75	2	1.87
		CO5					90.00	2	43.75	2	1.73
<b>Average CO Attainment</b>											<b>1.87</b>

**MADHUKARRAO PANDAV COLLEGE OF ENGINEERING, BHILEWADA, BHANDARA**

**Department of Computer Engineering**

**Course Outcomes**

<b>Subject :OBJECT ORIENTED PROGRAMMING (PRACTICAL)</b>		<b>Subject Code: BECME303P</b>	<b>Class: 3rd Sem</b>
<b>C01</b>	Define basic terms necessary for modeling computer systems.		
<b>C02</b>	Collect requirements and prepare their scenarios.		
<b>C03</b>	Prepare diagrams by UML.		
<b>C04</b>	Prepare and use of design patterns.		
<b>C05</b>	Prepare supporting documentation.		
<b>PROGRAM OUTCOME (PO)</b>			
<b>P01</b>	<b>Engineering knowledge:</b> An ability to apply knowledge of mathematics, science, and engineering fundamentals.		
<b>P02</b>	<b>Problem analysis:</b> An ability to identify, formulates, and solves complex engineering problems.		
<b>P03</b>	<b>Design/development of solutions:</b> An ability to design a system, component, or process to meet desired needs with appropriate considerations such as economic, environmental, social, political, ethical, health and safety.		
<b>P04</b>	<b>Conduct investigations of complex problems:</b> An ability to design and conduct experiments, as well as to analyze and interpret data.		
<b>P05</b>	<b>Modern tool usage:</b> An ability to use the techniques, skills, and modern engineering & computational tools necessary for engineering practice.		
<b>P06</b>	<b>The engineer and society:</b> The broad education necessary to understand the impact of contextual knowledge on social, health, safety, legal and cultural issues.		
<b>P07</b>	<b>Environment and sustainability:</b> An ability to understand contemporary issues related to social & environmental context for sustainable development of engineering solutions.		

<b>P08</b>	<b>Ethics:</b> An understanding of professional & ethical responsibility.
<b>P09</b>	<b>Individual and team work:</b> An ability to function effectively as an individual, as a member or leader in diverse & multidisciplinary teams
<b>P010</b>	<b>Communication:</b> An ability to communicate effectively.
<b>P011</b>	<b>Project management and finance:</b> An understanding of engineering & management principles to manage projects.
<b>P012</b>	<b>Life-long learning:</b> A recognition of the need for, and an ability to engage in lifelong learning.
<b><u>Program Specific Outcomes (PSO)</u></b>	
The graduates of the department will attain ability to:	
PSO1	An ability to model and design a computer based system using mathematical concepts, algorithmic techniques and computer science theories in a manner that demonstrates understanding of the tradeoffs involved in design decisions.
PSO2	Design and deployment of hardware and software based systems meeting societal needs.
PSO3	Expertise in the use of techniques, skills and up-to-date engineering tools required for engineering practice and communication skills.

**MADHUKARRAO PANDAV COLLEGE OF ENGINEERING, BHILEWADA, BHANDARA**

**Department of Computer Engineering**

**Mapping of CO -PO**

<b>Subject :OBJECT ORIENTED PROGRAMMING (PRACTICAL)</b>		<b>Subject Code: BECME303P</b>				<b>Semeste: 3rd Sem</b>									
<b>CO-PO Correlation</b>	<b>Program Outcomes</b>												<b>Program Specific Outcomes</b>		
<b>Course Outcomes</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>1</b>	<b>2</b>	<b>3</b>
CO1	2	1	2	0	2	0	0	2	1	2	0	1	2	0	1
CO2	2	2	2	1	2	1	1	2	2	3	1	2	2	2	2
CO3	1	1	2	0	2	0	0	1	1	1	0	1	1	1	2
CO4	2	2	2	2	2	1	1	2	2	2	1	2	2	2	2
CO5	1	1	2	1	2	1	1	2	1	2	1	2	1	1	2
<b>Co Average</b>	<b>1.60</b>	<b>1.40</b>	<b>2.00</b>	<b>0.80</b>	<b>2.00</b>	<b>0.60</b>	<b>0.60</b>	<b>1.80</b>	<b>1.40</b>	<b>2.00</b>	<b>0.60</b>	<b>1.60</b>	<b>1.60</b>	<b>1.20</b>	<b>1.80</b>

MADHUKARRAO PANDAV COLLEGE OF ENGINEERING, BHILEWADA, BHANDARA													Attainment of COs In Practical														
Department of Computer Engineering													Session:-2023-24												Sem:-III Sem		
Subject:- OBJECT ORIENTED PROGRAMMING (Practical)													Subject Code:-BECME303P														
ROLL NO.	Name of Students	Experiment No	1	2	3	4	5	6	7	8	9	10	Total (100)	Final Marks (25)	CO1			CO2			CO3			CO4			
		Max. Marks	10	10	10	10	10	10	10	10	10	10			10	Total of Marks Obtained	Total of Max. Marks	CO Attained	Total of Marks Obtained	Total of Max. Marks	CO Attained	Total of Marks Obtained	Total of Max. Marks	CO Attained	Total of Marks Obtained	Total of Max. Marks	CO Attained
		CO's Mapped	CO1	CO1	CO4	CO1	CO4	CO1	CO1	CO2	CO1	CO3															
1	MUNGMODE LEENA ASHOK		8	10	10	9	8	9	9	9	8	8	88	22	53	60	1	9	10	1	8	10	1	18	20	1	
2	DHANDE MONALEE GYANIRAM		10	10	10	10	8	9	9	8	8	6	88	22	56	60	1	8	10	1	6	10	0	18	20	1	
3	NEWARE PAYAL HIRALAL		8	10	10	9	8	9	9	9	8	8	88	22	53	60	1	9	10	1	8	10	1	18	20	1	
4	SHILAR RESHMA RAVINDRA		8	8	9	8	8	9	9	9	8	8	84	21	50	60	1	9	10	1	8	10	1	17	20	1	
5	MESHARAM RUTUJA RAJKUMAR		8	9	8	9	8	9	8	9	8	8	84	21	51	60	1	9	10	1	8	10	1	16	20	1	
6	DESHMUKH SAMIKSHA SUNIL		8	8	9	8	8	9	9	9	8	8	84	21	50	60	1	9	10	1	8	10	1	17	20	1	
7	TALOKAR SANSKRUTI MADHAVRAO		8	8	9	8	8	9	9	9	8	8	84	21	50	60	1	9	10	1	8	10	1	17	20	1	
8	MEHAR SEJAL CHATUR		8	10	10	9	8	9	9	9	8	8	88	22	53	60	1	9	10	1	8	10	1	18	20	1	
9	TAMBE SHARAYU SHEKHAR		8	8	9	8	8	9	9	9	8	8	84	21	50	60	1	9	10	1	8	10	1	17	20	1	
10	BORKAR SHRAWANI RAJU		8	8	9	8	8	9	9	9	8	8	84	21	50	60	1	9	10	1	8	10	1	17	20	1	
11	RASEKAR SHRUTI DINESH		8	9	8	9	8	9	8	9	8	8	84	21	51	60	1	9	10	1	8	10	1	16	20	1	
12	RAHANGDALE SHWETA RUPESH		8	8	9	8	8	9	9	9	8	8	84	21	50	60	1	9	10	1	8	10	1	17	20	1	
13	MESHARAM VAISHNAVI MAHESH		8	8	9	8	8	9	9	9	8	8	84	21	50	60	1	9	10	1	8	10	1	17	20	1	
14	BANTE ARPIT VIJAY		8	10	10	9	8	9	9	9	8	8	88	22	53	60	1	9	10	1	8	10	1	18	20	1	
15	WANVE ASHWIN SANDIP		8	10	10	9	8	9	9	9	8	8	88	22	53	60	1	9	10	1	8	10	1	18	20	1	
16	MANDAWKAR ATHARV MADHAV		8	10	10	9	8	9	9	9	8	8	88	22	53	60	1	9	10	1	8	10	1	18	20	1	
17	NAGPURE CHAMAN YOGRAJ		8	10	10	9	8	9	9	9	8	8	88	22	53	60	1	9	10	1	8	10	1	18	20	1	
18	CHANDEWAR GIRIDHAR VILAS		8	8	10	9	8	7	9	9	8	8	84	21	49	60	1	9	10	1	8	10	1	18	20	1	
19	KHOTELE HRUTIK PUSHPAK		8	10	10	9	8	9	9	9	8	8	88	22	53	60	1	9	10	1	8	10	1	18	20	1	
20	PINGALE KARTIK UDARAM		10	10	10	10	8	9	9	8	8	6	88	22	56	60	1	8	10	1	6	10	0	18	20	1	



21	KADGAYE KRUNAL MUNESHWAR	8	10	10	9	8	9	9	9	8	8	88	22	53	60	1	9	10	1	8	10	1	18	20	1
22	SHENDE PIYUSH ARUN	10	10	8	10	8	9	9	6	8	6	84	21	56	60	1	6	10	0	6	10	0	16	20	1
23	SHENDE RITIK SUBHASH	8	8	10	10	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
24	CHACHANE TULANYA PRUTHVIRAJ	10	10	10	10	8	9	9	8	8	6	88	22	56	60	1	8	10	1	6	10	0	18	20	1
25	HALMARE UJWAL SHIVSHANKAR	8	8	8	9	8	9	9	9	8	8	84	21	51	60	1	9	10	1	8	10	1	16	20	1
26	SATHONE VAIBHAV GURUDAS	8	10	10	9	8	9	9	9	8	8	88	22	53	60	1	9	10	1	8	10	1	18	20	1
27	BAGHELE SHUBHAM SHIVLAL	8	8	10	10	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
28	BISANE JYOTSNA SHRICHAND	9	8	10	9	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
29	BORKAR MANISH SANJAY	8	8	10	10	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
30	CHOUDHARI KHUSHBU BHUMESHWAR	10	8	9	9	8	9	9	8	8	6	84	21	53	60	1	8	10	1	6	10	0	17	20	1
31	DHOMANE ARYA SANJIVKUMAR	8	10	8	10	8	9	9	8	8	6	84	21	54	60	1	8	10	1	6	10	0	16	20	1
32	GAJAPURE ABOLI OMPRAKASH	8	9	10	9	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
33	GAYDHANE SAGAR LEKHIRAM	8	8	10	10	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
34	JAMBHULKAR ASHWINI SOMA	10	8	8	10	8	9	9	8	8	6	84	21	54	60	1	8	10	1	6	10	0	16	20	1
35	JAMBHULKAR BHAGYASHREE VINAYAK	8	8	10	10	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
36	KAMANE PIYUSH AMRUT	8	8	10	10	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
37	KAUSTUBH KATRE	8	8	10	10	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
38	KUNJEKAR AYUSH VIJAY	10	10	8	8	8	9	9	8	8	6	84	21	54	60	1	8	10	1	6	10	0	16	20	1
39	MANDADE NASHIK BABU	10	10	8	8	8	9	9	8	8	6	84	21	54	60	1	8	10	1	6	10	0	16	20	1
40	MASURKAR PRACHI DILIP	10	8	10	10	6	9	9	8	8	6	84	21	54	60	1	8	10	1	6	10	0	16	20	1
41	MULE ADITYA VENUMADHAV	8	10	10	10	8	7	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
42	NEWARE NEHA SHANKAR	10	10	8	8	8	9	9	8	8	6	84	21	54	60	1	8	10	1	6	10	0	16	20	1
43	NIKHARE LUSHANT DHANRAJ	10	10	8	8	8	9	9	8	8	6	84	21	54	60	1	8	10	1	6	10	0	16	20	1
44	PARDHI BHAVESH YAMESHWAR	8	8	10	10	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
45	RAHANDALE AKSHAYKUMAR KISHOR	8	8	10	10	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
46	SHARNAGAT ACHAL SUNIL	8	8	10	10	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
47	SHARNAGATE TANU SURESH	10	10	9	8	7	9	9	8	8	6	84	21	54	60	1	8	10	1	6	10	0	16	20	1
48	SONWANE UNNATI LAXMICHAND	8	10	9	9	8	9	9	8	8	6	84	21	53	60	1	8	10	1	6	10	0	17	20	1
49	THAKRE JAYANT RAMESHWAR	8	9	10	9	8	9	9	8	8	6	84	21	52	60	1	8	10	1	6	10	0	18	20	1
50	TULSIKUMAR CHANDRAPAL BISANE	9	9	9	10	8	9	9	8	8	6	85	21	54	60	1	8	10	1	6	10	0	17	20	1

Number Students Scoring more than 80 % Marks	50			49			21			50
Number of Students Attempting CO related Question	50			50			50			50
Percentage of Students Scoring More than 80 % Marks	100.00			98.00			42.00			100.00

CO	% of students successfully attaining the CO	LEVEL
CO-1	100.00	3
CO-2	98.00	3
CO-3	42.00	0
CO-4	100.00	3

<b>If 85 percent Students scoring more 80 percent write -3 (High)</b>
<b>If 80 percent Students scoring more 80 percent write -2 (Medium)</b>
<b>If 75 percent Students scoring more 80 percent write -1 (LOW)</b>
<b>If less 75 percent Students scoring more 80 percent write -0 (NOT ATTAINED)</b>

**MADHUKARRAO PANDAV COLLEGE OF ENGINEERING, BHILEWADA, BHANDARA**  
**DEPARTMENT OF COMPUTER ENGINEERING**  
**University Result Analysis 2023-24**  
**SUBJECT : OBJECT ORIENTED PROGRAMMING (PRACTICAL)**  
**Semeste: 3rd Sem**

S. No.	Student Name	RTMNU Marks (out of 30)
1	MUNGMODE LEENA ASHOK	22
2	DHANDE MONALEE GYANIRAM	22
3	NEWARE PAYAL HIRALAL	22
4	SHILAR RESHMA RAVINDRA	21
5	MESHARAM RUTUJA RAJKUMAR	21
6	DESHMUKH SAMIKSHA SUNIL	21
7	TALOKAR SANSKRUTI MADHAVRAO	21
8	MEHAR SEJAL CHATUR	22
9	TAMBE SHARAYU SHEKHAR	21
10	BORKAR SHRAWANI RAJU	21
11	RASEKAR SHRUTI DINESH	21
12	RAHANGDALE SHWETA RUPESH	21
13	MESHARAM VAISHNAVI MAHESH	21
14	BANTE ARPIT VIJAY	22
15	WANVE ASHWIN SANDIP	22
16	MANDAWKAR ATHARV MADHAV	22
17	NAGPURE CHAMAN YOGRAJ	22
18	CHANDEWAR GIRIDHAR VILAS	21
19	KHOTELE HRUTIK PUSHPAK	22
20	PINGALE KARTIK UDARAM	22
21	KADGAYE KRUNAL MUNESHWAR	22
22	SHENDE PIYUSH ARUN	AA
23	SHENDE RITIK SUBHASH	22
24	CHACHANE TULANYA PRUTHVIRAJ	22
25	HALMARE UJWAL SHIVSHANKAR	21
26	SATHONE VAIBHAV GURUDAS	22
27	BAGHELE SHUBHAM SHIVLAL	21
28	BISANE JYOTSNA SHRICHAND	21
29	BORKAR MANISH SANJAY	21
30	CHOUDHARI KHUSHBU BHUMESHWAR	AA
31	DHOMANE ARYA SANJIVKUMAR	21
32	GAJAPURE ABOLI OMPRAKASH	21
33	GAYDHANE SAGAR LEKHIRAM	21
34	JAMBHULKAR ASHWINI SOMA	21
35	JAMBHULKAR BHAGYASHREE VINAYAK	21
36	KAMANE PIYUSH AMRUT	21
37	KAUSTUBH KATRE	AA
38	KUNJEKAR AYUSH VIJAY	21
39	MANDADE NASHIK BABU	21
40	MASURKAR PRACHI DILIP	21
41	MULE ADITYA VENUMADHAV	21
42	NEWARE NEHA SHANKAR	AA
43	NIKHARE LUSHANT DHANRAJ	21
44	PARDHI BHAVESH YAMESHWAR	21
45	RAHANGDALE AKSHAYKUMAR KISHOR	21

46	SHARNAGAT ACHAL SUNIL	21
47	SHARNAGATE TANU SURESH	21
48	SONWANE UNNATI LAXMICHAND	AA
49	THAKRE JAYANT RAMESHWAR	21
50	TULSIKUMAR CHANDRAPAL BISANE	AA
<b>Average</b>		<b>21.32</b>
<b>No. students scoring more than Average marks</b>		<b>14</b>
<b>Percentage of students scoring more than Average marks</b>		<b>31.82</b>

Above 50% student scoring more than Average Marks =3
Above 40% student scoring more than Average Marks =2
Above 30% student scoring more than Average Marks =1

**MADHUKARRAO PANDAV COLLEGE OF ENGINEERING, BHILEWADA, BHANDARA**

**DEPARTMENT OF COMPUTER ENGINEERING**

**CO ATTAINMENT**

**Subject :OBJECT ORIENTED PROGRAMMING (PRACTICAL)**

**Subject Code: BECME303P**

**Semeste: 3rd sem**

			INTERNAL TOOLS	EXTERNAL TOOLS			
Sem	Couse Name	CO	Practical		RTMNU_Pr		Overall CO Attainment
			Percentage of students scoring more than 80% marks	Attainment Level	Percentage of students scoring more than Average marks	Attainment Level	
III	OBJECT ORIENTED PROGRAMMING ((Practical)	CO1	100.00	3	31.82	1	2.00
		CO2	98.00	3	31.82	1	2.00
		CO3	42.00	0	31.82	1	0.50
		CO4	100.00	3	31.82	1	2.00
Average CO Attainment							1.63

MADHUKARRAO PANDAV COLLEGE OF ENGINEERING, BHILEWADA, BHANDARA

DEPARTMENT OF COMPUTER ENGINEERING

PO Attainment

Subject :OBJECT ORIENTED PROGRAMMING (THEORY & PRACTICAL) Subject Code:BECME303T/P Semeste: 3rd Sem( C.B.C.S)

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Average Theory CO Correlation	0.80	1.20	1.60	1.00	0.80	0.00	0.00	1.40	0.60	0.20	0.20	1.20	0.80	0.80	1.60
Average Practical CO Correlation	1.60	1.40	2.00	0.80	2.00	0.60	0.60	1.80	1.40	2.00	0.60	1.60	1.60	1.20	1.80
Average of Theory & Practical CO Correlation	1.20	1.30	1.80	0.90	1.40	0.30	0.30	1.60	1.00	1.10	0.40	1.40	1.20	1.00	1.70
Average of Theory & Practical CO Attainment													1.75		
Direct Attainment with relevance	0.70	0.76	1.05	0.52	0.81	0.17	0.17	0.93	0.58	0.64	0.23	0.81	0.70	0.58	0.99

Note : Direct attainment is obtained from farmula- (Average Correlation of Theory & Practical \* Average CO Attainment Of Theory & Practical)/3. in this case average CO attainment is1.75 obtained from previous sheet.

  
PRINCIPAL  
Madhukarrao Pandav College of  
Engineering, Bhilewada,  
Bhandara.