

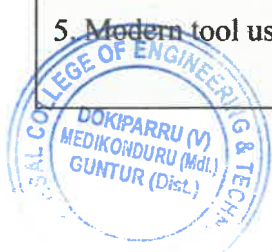


2.6.2 Attainment of program outcomes (PO), Program specific Outcomes (PSO) and Course Outcomes (CO) are evaluated by the institution.

NBA has identified 12 POs which are common to all engineering branches. Course outcomes (COs) are prepared for each course offered. Each course outcome is to be mapped with one or more POs depending on its contribution to the attainment of specified POs. The levels of contribution are specified by 1, 2 and 3.
(1-low, 2- medium, 3-high)

Program Outcomes as defined by NBA (PO)

Program Outcome	Description
1. Engineering knowledge	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. Problem analysis	Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design/development of solutions	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. Conduct investigations of complex problems	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern tool usage	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an

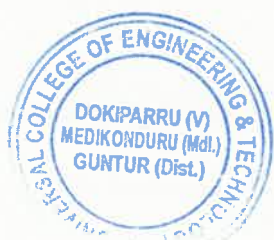




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	understanding of the limitations
6. The engineer and society	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
7. Environment and sustainability	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. Ethics	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and team work	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings
10. Communication	Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions
11. Project management and finance	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Life-long learning	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.




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GUNTUR (Dist.)



The attainment of COs is measured by (a) direct assessment tools (b) indirect assessment tools. Direct assessment tools include (i) mid-term tests (ii) Online quiz (iii) assignments (iv) end examination. Indirect assessment tool includes: course exit survey.


Attainment of course outcome for internal evaluation (mid-term tests, assignments, online test)

% of students getting more than 50% marks for each course outcome	Attainment Level
40% of students scoring more than set Target	1
60% of students scoring more than set Target	2
80 % of students scoring more than set Target	3

If attainment level for a particular CO in mid-term test is 2, quiz is 3 and assignments is 4, then CO attainment from internals is $(2+3+4)/3 = 3.0$. In case of laboratories and drawing, attainment of COs is determined from day- to day evaluation and internal test. The attainment level for end-examination is determined as follows:

% of students getting more than 35% Marks(or C Grade) for each course	Attainment Level
40% of students scoring more than set Target	1
60% of students scoring more than set Target	2
80 % of students scoring more than set Target	3


Co-Ordinator
IQAC





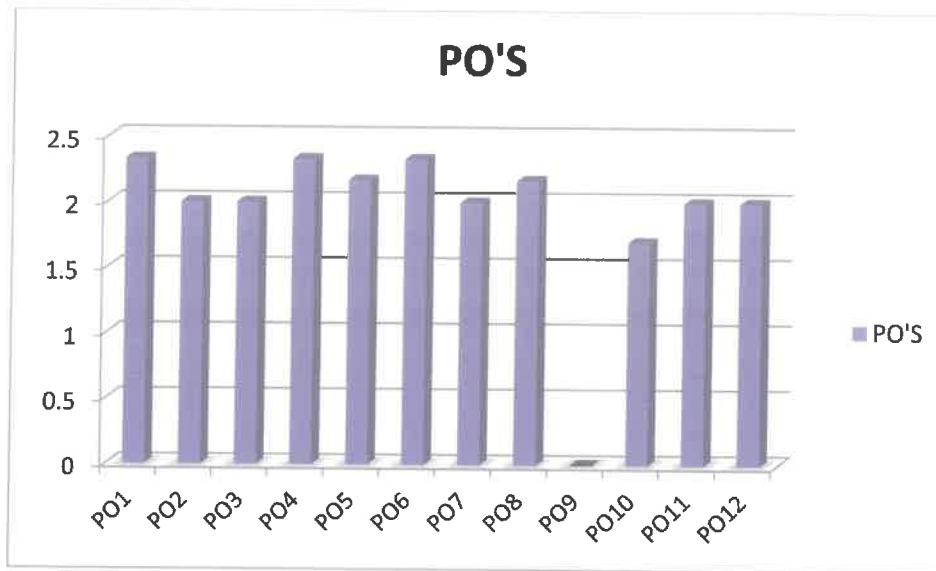
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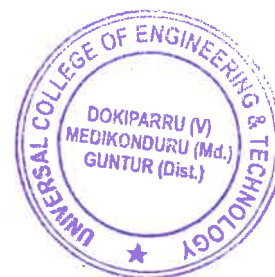
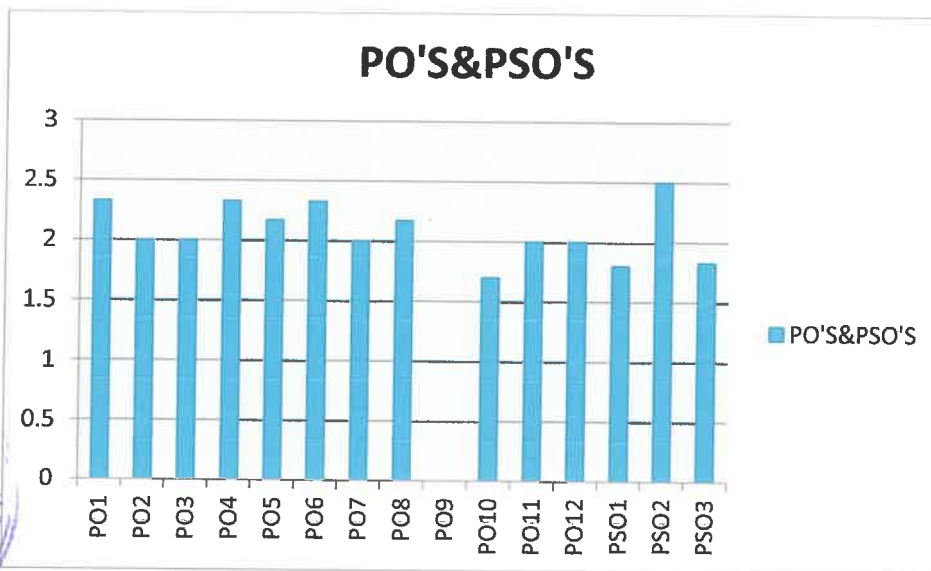
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PROGRAMME ATTAINMENT FOR 2023-2024												
BRANCH	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
II-I, AI&ML	2.33	2	2	2.33	2.17	2.33	2	2.17	0	1.7	2	2



PROGRAMME ATTAINMENTS & PROGRAMME SPECIFIC ATTAINMENTS FOR 2023-2024															
BRANCH	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
II-I, AI&ML	2.33	2	2	2.33	2.17	2.33	2	2.17	0	1.7	2	2	1.8	2.5	1.83

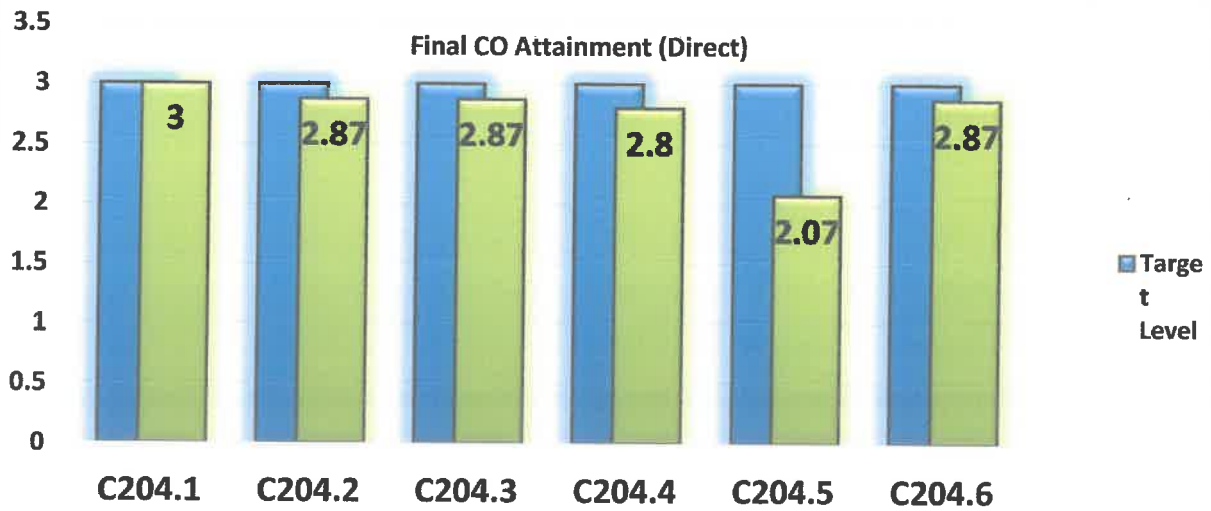




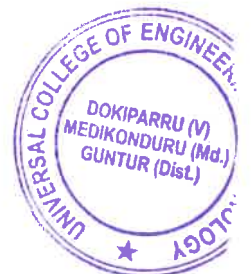
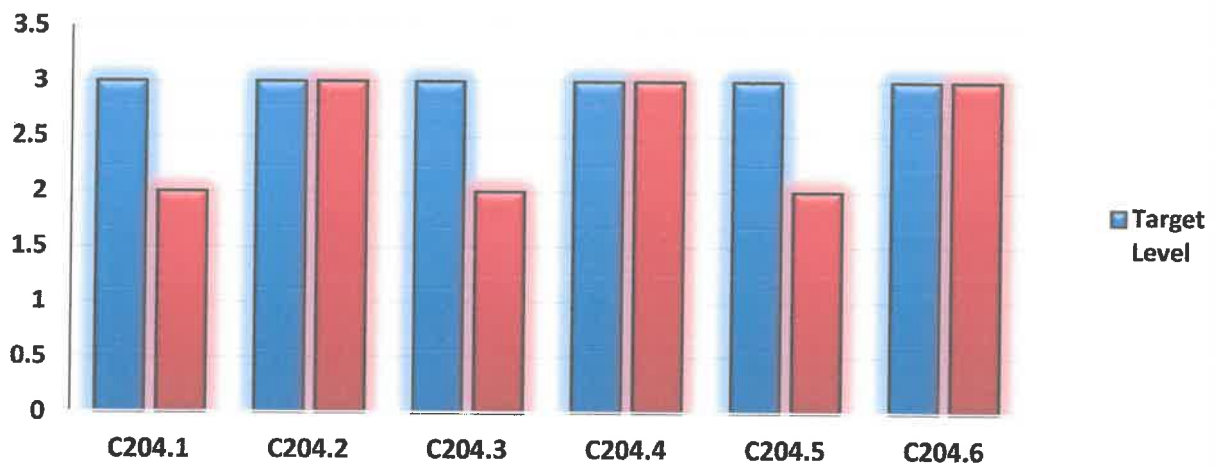
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CO TARGET - ATTAINMENT DETAILS (INDIRECT)





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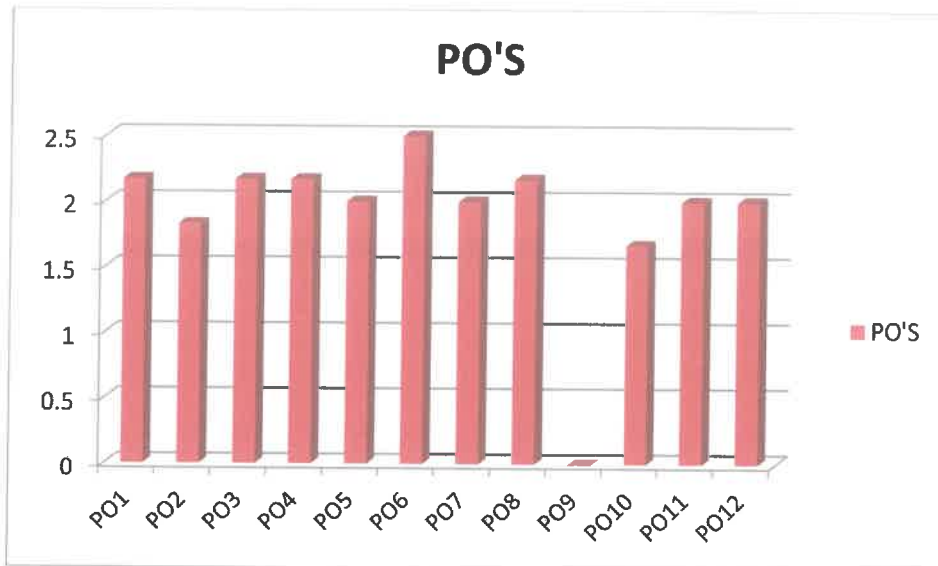
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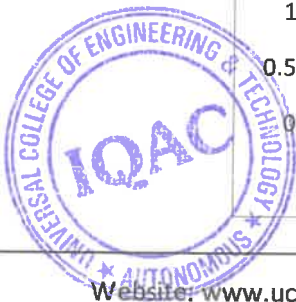
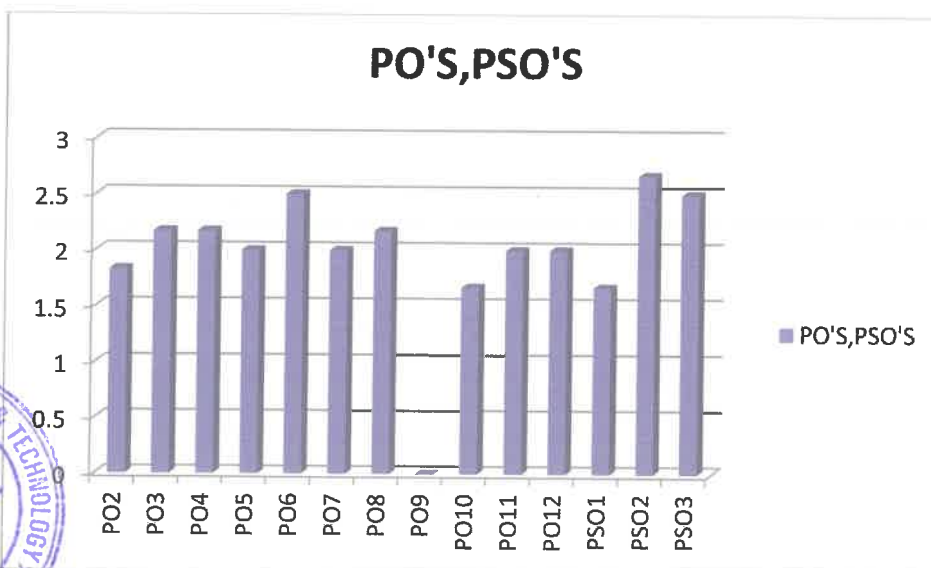
PROGRAMME ATTAINMENT FOR 2023-2024

BRANCH	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CSE	2.17	1.83	2.17	2.17	2	2.5	2	2.17	0	1.67	2	2



PROGRAMME ATTAINMENTS & PROGRAMME SPECIFIC ATTAINMENTS FOR 2023-2024

BRANCH	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CSE	2.17	1.83	2.17	2.17	2	2.5	2	2.17	0	1.67	2	2	1.67	2.67	2.5

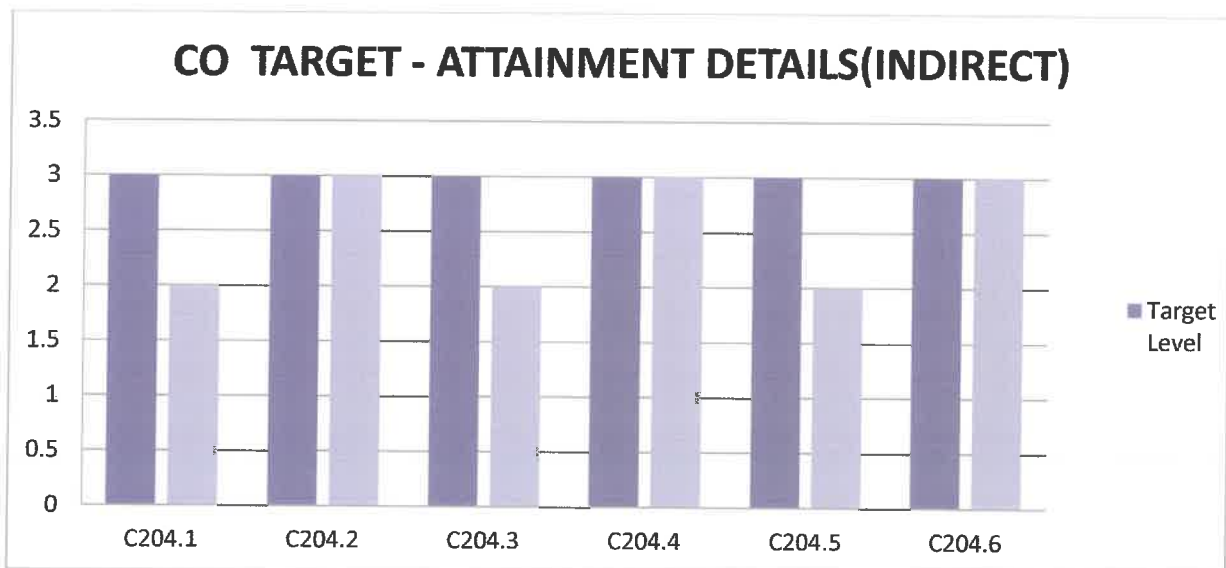
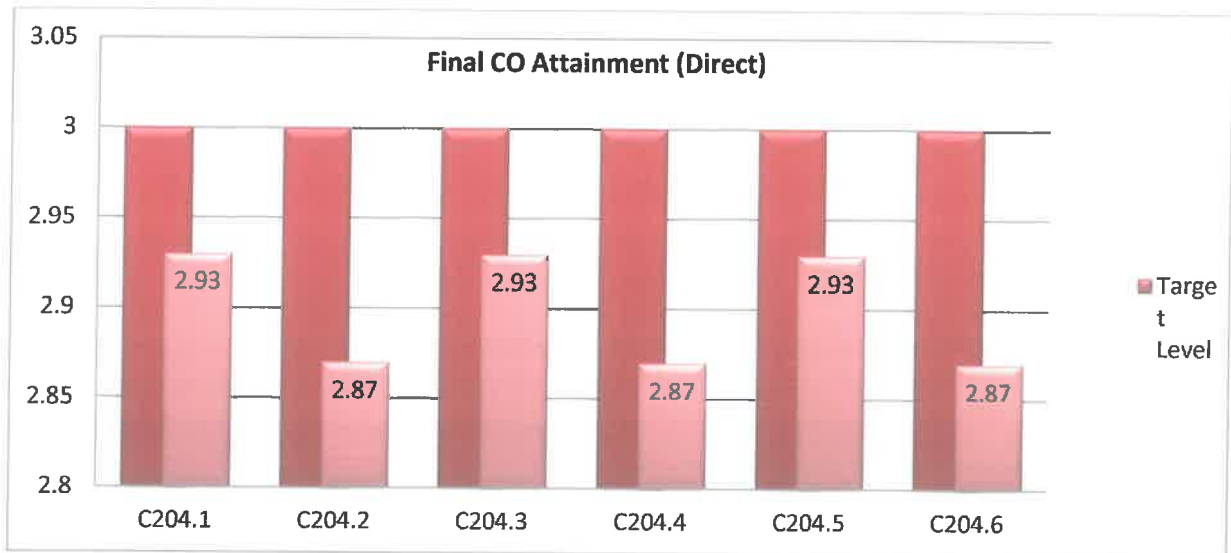




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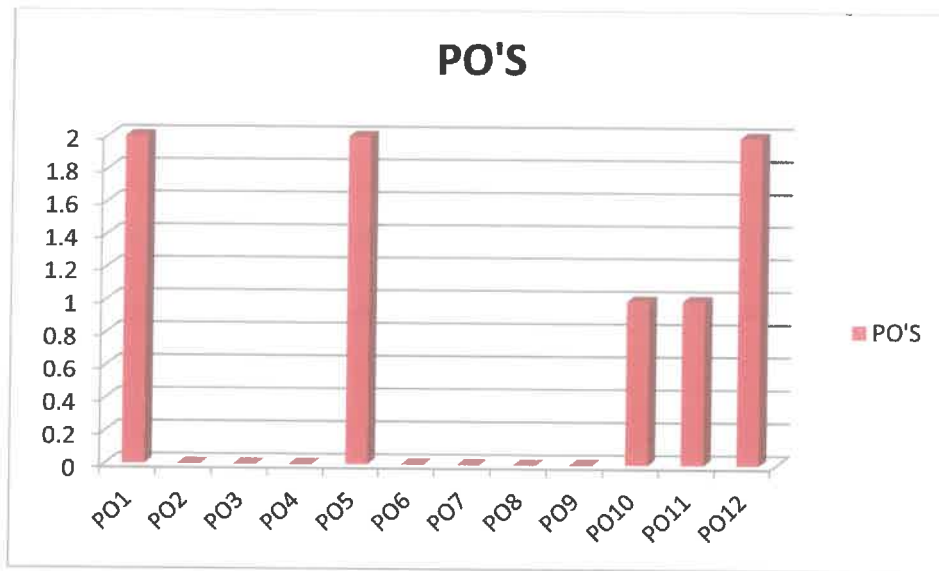
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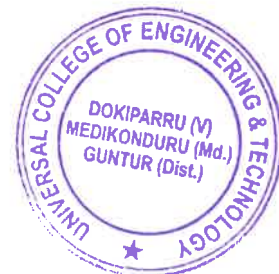
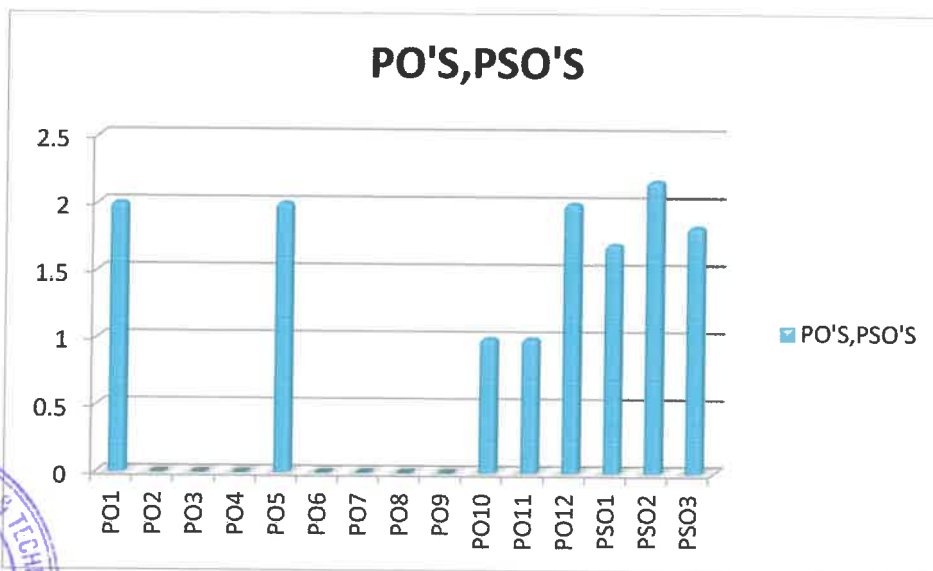
PROGRAMME ATTAINMENT FOR 2023-2024

BRANCH	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
MECH	2	0	0	0	2	0	0	0	0	1	1	2



PROGRAMME ATTAINMENTS & PROGRAMME SPECIFIC ATTAINMENTS FOR 2023-2024

BRANCH	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
MECH	2	0	0	0	2	0	0	0	0	1	1	2	1.7	2.17	1.83

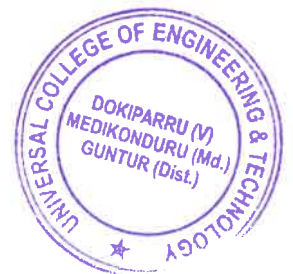
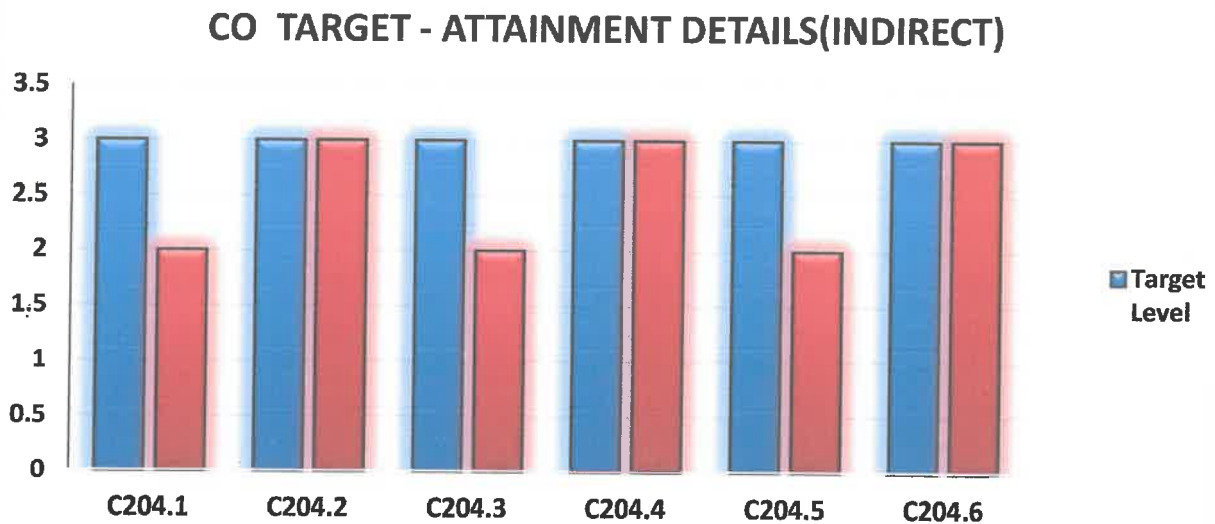
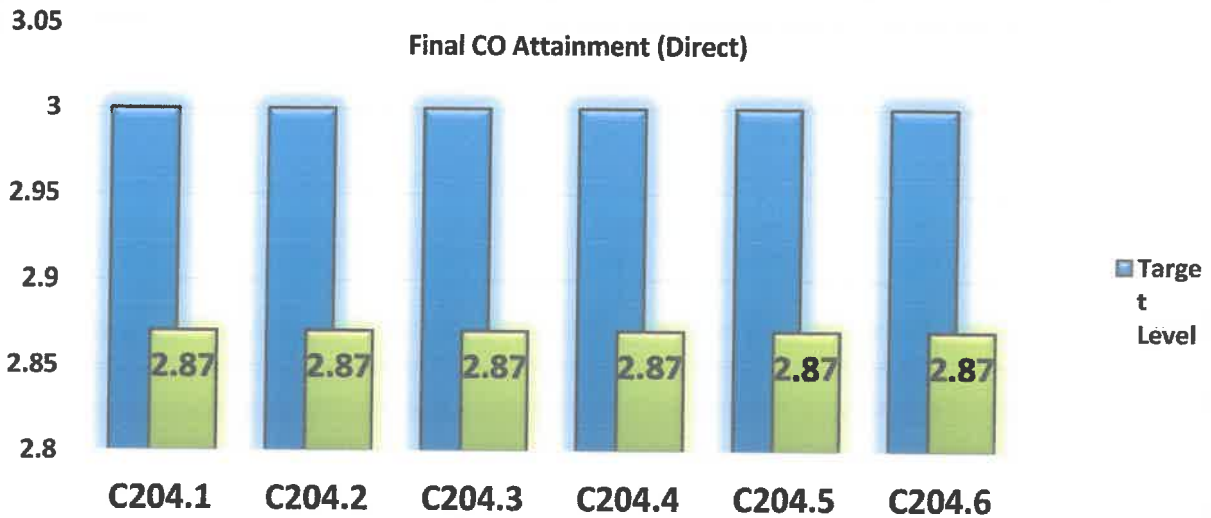




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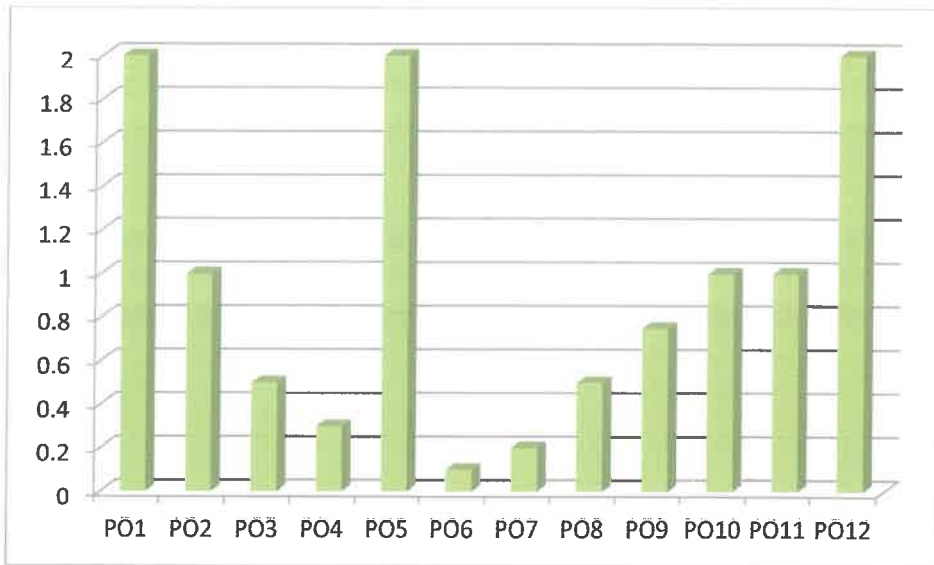
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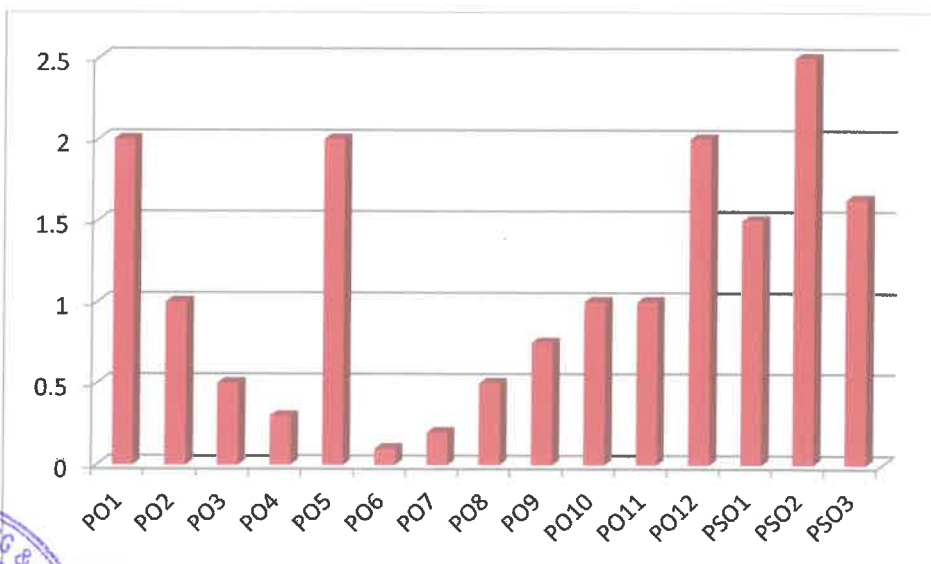
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PROGRAMME ATTAINMENT FOR 2023-2024												
BRANCH	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CIVIL	2	1	0.5	0.3	2	0.1	0.2	0.5	0.75	1	1	2



PROGRAMME ATTAINMENTS & PROGRAMME SPECIFIC ATTAINMENTS FOR 2023-2024															
BRANCH	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CIVIL	2	1	0.5	0.3	2	0.1	0.2	0.5	0.75	1	1	2	1.5	2.5	1.63



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INDIA. Phone: 0863-2291231, 2291111.



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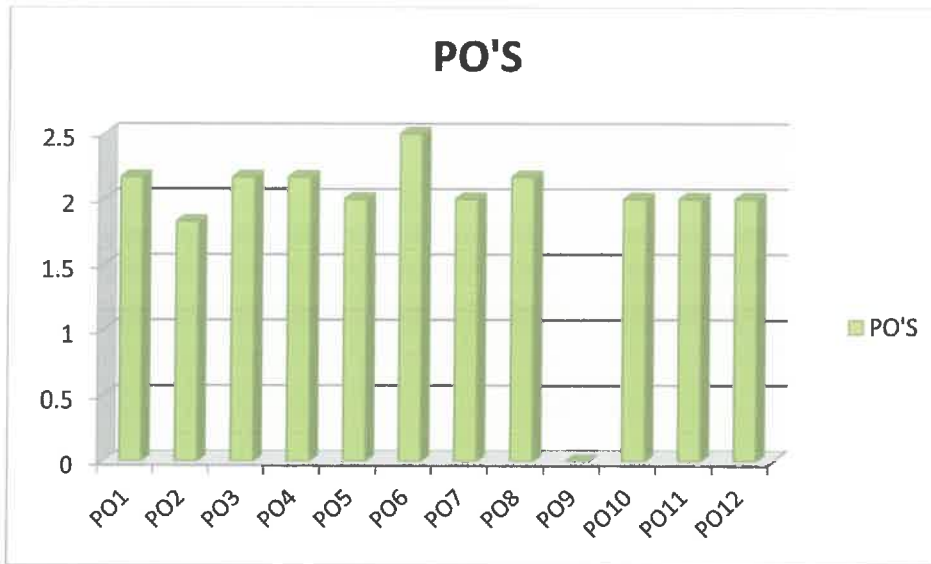
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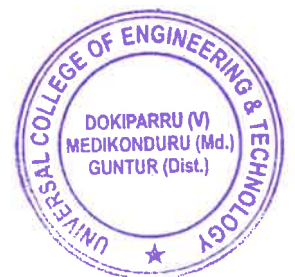
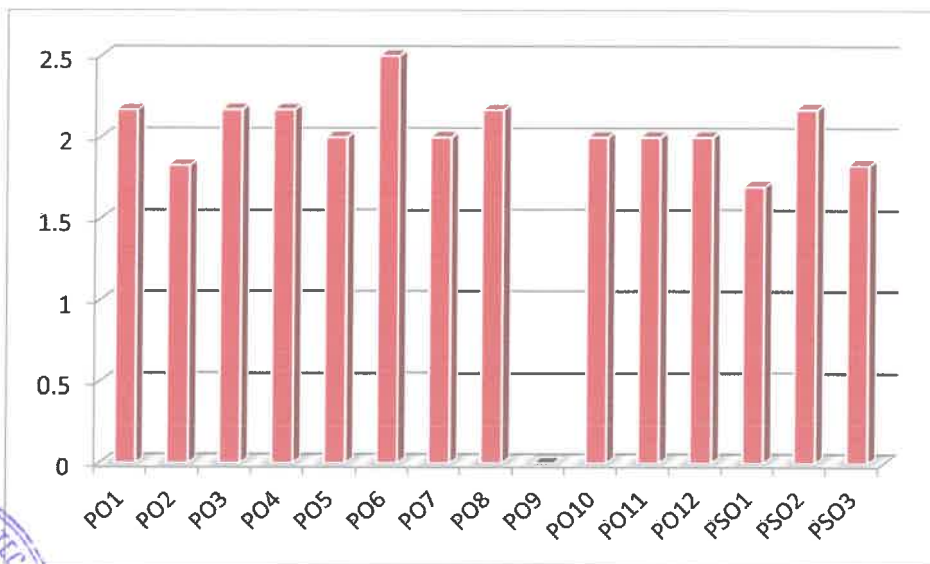
PROGRAMME ATTAINMENT FOR 2023-2024

BRANCH	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
II-IICSE	2.17	1.83	2.17	2.17	2	2.5	2	2.17	0	2	2	2



PROGRAMME ATTAINMENTS & PROGRAMME SPECIFIC ATTAINMENTS FOR 2023-2024

BRANCH	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CIVIL	2.17	1.83	2.17	2.17	2	2.5	2	2.17	0	2	2	2	1.7	2.17	1.83



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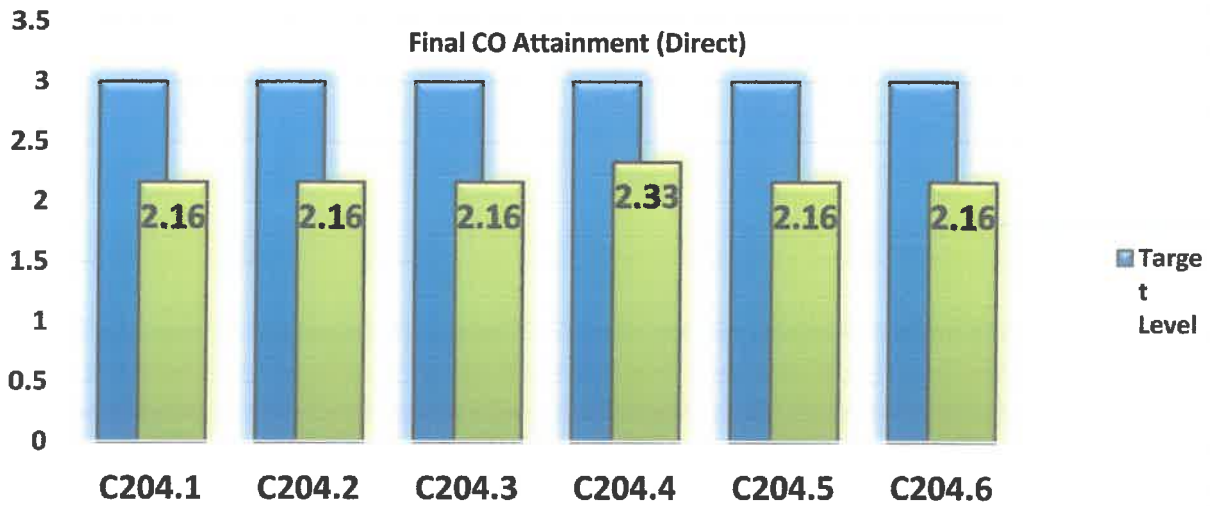
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Guntur (Dt), Andhra Pradesh,
INDIA. Phone: 0863-2291231, 2291111.



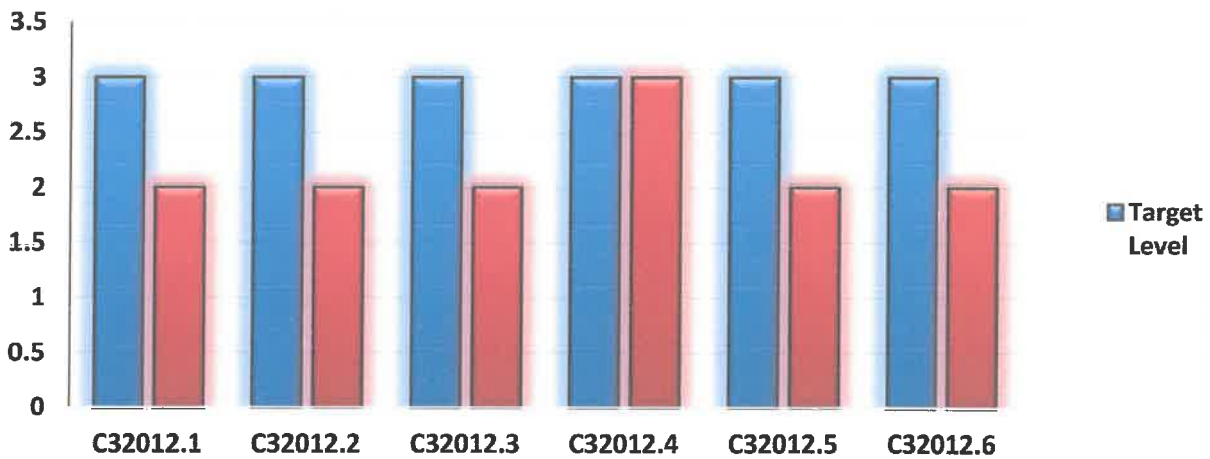
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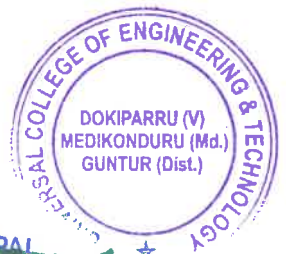
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CO TARGET - ATTAINMENT DETAILS (INDIRECT)



INTERNAL QUALITY ASSURANCE CELL
Universal College of Engg. & Tech.-Autonomous
Dokiparru(V), Medikonduru(M), Guntur 522438, AP



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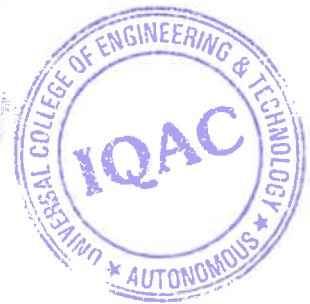
Subject Code	R204101Q
Subject Name	SAFETY ENGINEERING
REGULATION	R-19
Year & Sem	IV-I
Academic Year	2023-2024
Name of Faculty	Mr.D.Winny

Sl. No	Roll No	DESCRIPTIVE 1				DESCRIPTIVE 2				Quiz 1	Quiz 2	Assgn 1	Assgn 2	I internal	II internal	FINAL MARKS	External Marks
		Q1	Q2	Q3	Total	Q1	Q2	Q3	Total								
		5	5	5		5	5	5									
1	20NF1A0303	4	4	5	13	4	4	5	13	4	2	5	5	22	20	22	C
2	20NF1A0307	4	4	3	11	4	4	3	11	3	2	5	5	19	18	19	C
3	20NF1A0308	3	3	3	9	3	3	3	9	4	0	5	5	18	14	17	C
4	21NF5A0301	3	3	3	9	3	3	3	9	4	4	5	5	18	18	18	D
5	21NF5A0302	4	4	5	13	4	4	5	13	4	4	5	5	22	22	22	F
6	21NF5A0303	2	5	3	10	2	5	3	10	6	0	5	5	21	15	20	C
7	21NF5A0304	5	4	3	12	5	4	3	12	3	3	5	5	20	20	20	D
8	21NF5A0305	4	4	3	11	4	4	3	11	0	3	5	5	16	19	18	B
9	21NF5A0306	4	4	5	13	4	4	5	13	3	2	5	5	21	20	21	D
10	21NF5A0307	4	4	5	13	4	4	5	13	3	1	5	5	21	19	21	A
11	21NF5A0308	4	4	3	11	4	4	3	11	3	3	5	5	19	19	19	D
12	21NF5A0309	4	4	3	11	4	4	3	11	2	1	5	5	18	17	18	F
13	21NF5A0310	5	4	3	12	5	4	3	12	2	1	5	5	19	18	19	C
14	21NF5A0311	4	4	3	11	4	4	3	11	2	3	5	5	18	19	19	C
15	21NF5A0313	5	4	3	12	5	4	3	12	5	0	5	5	22	17	21	D

No. of students attempted	15	15	15	15	15	15	15	15	15	15	15	15	No. of students attempted	15
No. of students who got more than 50% marks	14	15	15	14	15	15	2	0	15	15	No. of students who got PASS	13		
% of students who got more than 50% marks	94	100	100	94	100	100	14	0	100	100	% STUDENT S PASSED	86.67		
Mapping with course outcome	CO1	CO2	CO3	CO4	CO5	CO6	CO1-3	CO4-6	CO1-3	CO4-6	Mapping with course attainment lev	CO1-6		
Attainment Level	3	3	3	3	3	3	1	1	3	3	3			

SCALE (Internal)	
Target = 50% marks	
1	40% of students scoring more than set target
2	60% of students scoring more than set target
3	80% of students scoring more than set target

SCALE (External)	
Target = 35% marks	
1	40% of students scoring more than set target
2	60% of students scoring more than set target
3	80% of students scoring more than set target



Subject Code	R204101Q
Subject Name	SAFETY ENGINEERING
REGULATION	R-19
Year & Sem	IV-I
Academic Year	2023-2024
Name of Faculty	Mr.D.Winny



Attainment of COs for the Subject

R21034

CO	Attainment level in				Direct attainment	Indirect attainment level	SCALE (External) Target = 35% marks
	Descri	Onlin	Assign Interna	External			
C204.1	3	1	3	2.34	3	2.00	1 40% of students scoring more than set target
C204.2	3	1	3	2.34	3	3.00	2 60% of students scoring more than set target
C204.3	3	1	3	2.34	3	2.00	3 80 % of students scoring more than set target
C204.4	3	1	3	2.34	3	3.00	
C204.5	3	1	3	2.34	3	2.00	
C204.6	3	1	3	2.34	3	3.00	
				2.34	3	2.50	

CO-PO Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO10	PO12	PSO1	PSO2	PSO3
C204.1	2				2				1	1	2	2	2
C204.2	2				2				1	1	2	1	1
C204.3	2				2				1	1	2	1	3
C204.4	2				2				1	1	2	3	2
C204.5	2				2				1	1	2	2	1
C204.6	2				2				1	1	2	2	2
2	#####	#####	#####	#####	2	#DIV/0!	#####	#DIV/0!	1	1	2	1.7	1.83

PO ATTAINMENT (Direct)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO10	PO12	PSO1	PSO2	PSO3
C204	#####	#####	#####	1.92	#DIV/0!	#####	#DIV/0!	1	1	1.9	1.6	1.76

PO ATTAINMENT (Indirect)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO10	PO12	PSO1	PSO2	PSO3
C204	1.67	#####	#####	1.67	#DIV/0!	#####	#####	1	1	1.7	1.4	1.53



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Subject Code	R2021121
Subject Name	DATA BASE MANAGEMENT SYSTEMS
REGULATION	R-20
Year & Sem	II-I-AI & ML
Academic Year	2023-2024
Name of Faculty	O.ARUNA

Sl. No	Roll No	DESCRIPTIVE 1					DESCRIPTIVE 2					Quiz 1	Quiz 2	Assign 1	Assign 2	I internal	II internal	FINAL MARKS	External Marks	GRADE
		Q1	Q2	Q3	Total	Q1	Q2	Q3	Total											
		5	5	5	15	5	5	5	15											
1	22NF1A6102	5	5	5	15	5	5	5	15	9	2	5	5	5	15	15	15	15	A	
2	22NF1A6103	5	5	4	14	5	5	4	14	6	2	5	5	5	14	14	14	14	C	
3	22NF1A6104	5	5	4	14	5	5	4	14	3	2	5	5	5	14	14	14	14	B	
4	22NF1A6105	5	5	5	15	5	5	5	15	2	2	5	5	5	15	15	15	15	D	
5	22NF1A6106	5	5	5	15	5	5	5	15	5	2	5	5	5	15	15	15	15	C	
6	22NF1A6107	5	5	3	13	5	5	4	14	4	2	5	5	5	13	14	14	14	B	
7	22NF1A6108	5	5	3	13	5	5	4	13	4	3	5	5	5	13	13	13	13	D	
8	22NF1A6109	5	5	5	15	5	5	5	15	8	3	5	5	5	15	15	15	15	B	
9	22NF1A6110	5	5	5	15	5	5	3	13	2	3	5	5	5	13	13	13	13	A	
10	22NF1A6111	5	5	3	13	5	5	4	14	5	4	5	5	5	13	14	14	14	C	
11	22NF1A6112	5	5	4	14	5	5	3	13	2	4	5	5	5	14	13	14	14	B	
12	22NF1A6113	5	5	4	14	5	5	3	13	3	4	5	5	5	14	13	14	14	D	
13	22NF1A6114	5	5	4	14	5	5	3	13	4	4	5	5	5	14	13	14	14	B	
14	22NF1A6115	5	5	3	13	5	5	3	13	6	4	5	5	5	13	13	13	13	A	
15	22NF1A6116	5	5	4	14	5	5	4	14	4	4	5	5	5	14	14	14	14	C	
16	22NF1A6117	5	5	3	13	5	5	3	13	2	4	5	5	5	13	13	13	13	B	
17	22NF1A6118	5	5	3	13	5	5	3	13	4	4	5	5	5	13	13	13	13	D	
18	22NF1A6119	5	5	4	14	5	5	4	14	2	4	5	5	5	14	14	14	14	B	
19	22NF1A6120	5	5	5	15	5	5	5	15	4	4	5	5	5	15	15	15	15	D	
20	22NF1A6121	5	5	4	14	5	5	5	15	8	4	5	5	5	14	15	15	15	A	
21	22NF1A6122	5	5	5	15	5	5	5	15	5	5	5	5	5	15	15	15	15	C	



Subject Code	R2021121
Subject Name	DATA BASE MANAGEMENT SYSTEMS
REGULATION	R-20
Year & Sem	II-I-AI & ML
Academic Year	2023-2024
Name of Faculty	O.ARUNA

Attainment of COs for the Subject

CO	Attainment level in						Direct attainment level	Indirect attainment level
	Descriptive	Online Quiz	Assignment	Internal Assessment	External Assessment	Attainment level		
C204.1	2	2	2	2	2	3	2.00	
C204.2	3	1	3	2.34	3	2.87	3.00	
C204.3	3	1	3	2.34	3	2.87	2.00	
C204.4	2	2	2	2	3	2.8	3.00	
C204.5	3	1	3	2.34	2	2.07	2.00	
C204.6	3	1	3	2.34	3	2.87	3.00	
				2.23		2.666666667	2.75	2.50

Attainment Levels	SCALE (External)		
	Target = 35% marks		
	1	2	3
	40% of students scoring more than set target	60% of students scoring more than set target	80% of students scoring more than set target

CO-PO Matrix

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C204.1	3	2	2	3	3	2	2	2		2	1	2	2	2	2
C204.2	2	2	2	2	2	1	2	3		1	1	2	1	3	1
C204.3	2	3	2	2	2	3	2	2		1	3	2	2	3	3
C204.4	2	2	2	3	2	3	3	1		3	1	2	2	3	2
C204.5	3	2	2	2	2	2	2	2		1	1	2	2	2	1
C204.6	2	1	2	2	2	3	1	3		2	2	2	2	2	2
	2.33	2	2	2.33	2.17	2.33	2	2.17	####	1.67	2	2	1.8	2.5	1.83

PO ATTAINMENT (Direct)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
2.14	1.84	1.84	1.95	1.99	2.14	1.84	0	####	1.54	1	1.84	1.7	2.3	1.68

PO ATTAINMENT (Indirect)

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1.67	1.25	1.81	1.95	1.81	1.95	1.67	0		1.4	1	1.67	1.5	2.09	1.53



UNIVERSAL COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
Promoted by : The Diocese of Guntur Society, Guntur



Subject Code	R2021053
Subject Name	SOFTWARE ENGINEERING
REGULATION	R-20
Year & Sem	II-I-CSE
Academic Year	2023-2024
Name of Faculty	B.AVINASH

Sl. No	Roll No	DESCRIPTIVE 1			DESCRIPTIVE 2			Quiz 1	Quiz 2	Assign 1	Assign 2	I internal	II internal	FINAL MARKS	External Marks		
		Q1	Q2	Q3	Total	Q1	Q2									Q3	Total
		5	5	5	15	5	5									5	15
1	22NF1A0501	5	5	5	15	5	5	5	15	5	5	15	15	15	A		
2	22NF1A0502	5	5	4	14	5	5	4	14	5	5	14	14	14	B		
3	22NF1A0504	5	5	4	14	5	4	4	14	5	5	14	14	14	C		
4	22NF1A0505	5	5	5	15	5	5	5	15	5	5	15	15	15	D		
5	22NF1A0506	5	5	5	15	5	5	5	15	5	5	15	15	15	D		
6	22NF1A0507	5	5	3	13	5	5	4	14	5	5	13	14	14	C		
7	22NF1A0508	5	5	3	13	5	5	4	13	5	5	13	13	13	B		
8	22NF1A0509	5	5	5	15	5	5	8	15	5	5	15	15	15	A		
9	22NF1A0511	5	5	5	15	5	5	3	13	5	5	13	13	13	A		
10	22NF1A0512	5	5	3	13	5	5	4	14	5	5	13	14	14	C		
11	22NF1A0513	5	5	4	14	5	5	3	13	5	5	14	13	13	B		
12	22NF1A0514	5	5	4	14	5	5	3	13	5	5	14	14	14	D		
13	22NF1A0516	5	5	4	14	5	5	4	14	5	5	14	13	13	A		
14	22NF1A0517	5	5	3	13	5	5	3	13	5	5	13	13	13	D		
15	22NF1A0518	5	5	4	14	5	5	4	14	5	5	14	14	14	C		
16	22NF1A0519	5	5	3	13	5	5	3	13	5	5	13	13	13	B		
17	22NF1A0520	5	5	3	13	5	5	4	14	5	5	13	13	13	A		
18	22NF1A0522	5	5	4	14	5	5	4	14	5	5	14	14	14	D		
19	22NF1A0523	5	5	5	15	5	5	5	15	5	5	15	15	15	B		
20	22NF1A0524	5	5	4	14	5	5	8	15	5	5	14	15	15	C		
21	22NF1A0525	5	5	5	15	5	5	5	15	5	5	15	15	15	A		
22	22NF1A0526	5	5	3	13	5	5	4	13	5	5	13	13	13	B		



23	22NF1A0527	5	5	4	14	5	15	8	5	5	5	5	5	14	15	15	15	C
24	22NF1A0528	5	5	3	13	5	13	4	5	5	5	5	5	13	13	13	13	D
25	22NF1A0529	5	5	4	14	5	14	4	5	5	5	5	5	14	14	14	14	D
26	22NF1A0530	5	5	3	13	5	13	4	5	5	5	5	5	13	13	13	13	C
27	22NF1A0531	5	5	5	15	5	15	4	6	5	5	5	5	15	15	15	15	B
28	22NF1A0532	5	5	3	13	5	13	5	6	5	5	5	5	13	13	13	13	A
29	22NF1A0533	5	5	4	14	5	14	8	6	5	5	5	5	14	14	14	14	A
30	22NF1A0534	5	5	3	13	5	13	8	6	5	5	5	5	13	13	13	13	C
31	22NF1A0535	5	5	4	14	5	14	8	6	5	5	5	5	14	14	14	14	B
32	22NF1A0536	5	5	3	13	5	13	7	6	5	5	5	5	13	13	13	13	D
33	22NF1A0537	5	5	3	13	5	13	3	6	5	5	5	5	13	13	13	13	A
34	22NF1A0538	5	5	3	13	5	13	2	6	5	5	5	5	13	13	13	13	D
35	22NF1A0539	5	5	4	14	5	14	6	7	5	5	5	5	14	14	14	14	C
36	22NF1A0540	5	5	3	13	5	13	7	7	5	5	5	5	13	13	13	13	B
37	22NF1A0541	5	5	4	14	5	14	7	7	5	5	5	5	14	14	14	14	A
38	22NF1A0542	5	5	4	14	5	14	7	7	5	5	5	5	14	14	14	14	D
39	22NF1A0543	5	5	3	13	5	13	7	7	5	5	5	5	13	13	13	13	B
40	22NF1A0544	5	5	5	15	5	15	7	7	5	5	5	5	15	15	15	15	C
41	22NF1A0545	5	5	3	13	5	13	7	7	5	5	5	5	13	13	13	13	A
42	22NF1A0546	5	5	4	14	5	14	5	8	5	5	5	5	14	14	14	14	B
43	22NF1A0547	5	5	3	13	5	13	5	8	5	5	5	5	13	13	13	13	C
44	22NF1A0548	5	5	4	14	5	14	6	8	5	5	5	5	14	14	14	14	D
45	22NF1A0549	5	5	3	13	5	13	6	8	5	5	5	5	13	13	13	13	D
46	22NF1A0550	5	5	3	13	5	13	6	8	5	5	5	5	13	13	13	13	C
47	22NF1A0551	5	5	4	14	5	14	6	8	5	5	5	5	14	14	14	14	B
48	22NF1A0552	5	5	3	13	5	13	6	8	5	5	5	5	13	13	13	13	A
49	22NF1A0553	5	5	5	15	5	15	9	2	5	5	5	5	15	15	15	15	A
50	22NF1A0554	5	5	4	14	5	14	6	2	5	5	5	5	14	14	14	14	C
51	22NF1A0556	5	5	4	14	5	14	3	2	5	5	5	5	14	14	14	14	B
52	22NF1A0557	5	5	5	15	5	15	2	2	5	5	5	5	15	15	15	15	D
53	22NF1A0558	5	5	5	15	5	15	5	2	5	5	5	5	15	15	15	15	A
54	22NF1A0559	5	5	3	13	5	13	4	2	5	5	5	5	13	13	13	13	D
55	22NF1A0560	5	5	3	13	5	13	4	3	5	5	5	5	13	13	13	13	C
56	22NF1A0561	5	5	5	15	5	15	8	3	5	5	5	5	15	15	15	15	B
57	22NF1A0562	5	5	5	15	5	15	2	3	5	5	5	5	15	15	15	15	A
58	22NF1A0563	5	5	3	13	5	13	5	4	5	5	5	5	13	13	13	13	D
59	22NF1A0564	5	5	4	14	5	14	2	4	5	5	5	5	14	14	14	14	B
60	22NF1A0565	5	5	4	14	5	14	3	4	5	5	5	5	14	14	14	14	C
61	22NF1A0566	5	5	4	14	5	14	4	4	5	5	5	5	14	14	14	14	A
62	22NF1A0567	5	5	3	13	5	13	4	4	5	5	5	5	13	13	13	13	C



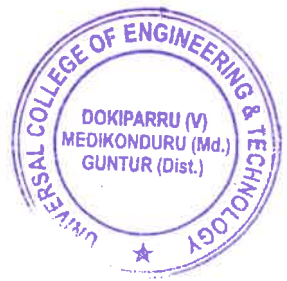
No. of students attempted	100	100	100	100	100	100	100	100	100	100	No. of students attempted	100
No. of students who got more than 50% marks	85	85	85	85	85	85	85	85	85	85	No. of students who got PASS	90
% of students who got more than 50% marks	85	70	70	85	85	85	85	85	85	80	% STUDENTS PASSED	90.00
Mapping with course outcome	CO1	CO2	CO3	CO4	CO5	CO6	CO4-6	CO1-3	CO4-6	CO4-6	Mapping with course outcome	CO1-6
Attainment Level	3	3	3	3	3	3	1	1	3	3	Attainment level	3

SCALE (Internal)
Target = 50% marks

Attainment Levels	1	40% of students scoring more than set target
	2	60% of students scoring more than set target
	3	80 % of students scoring more than set target

SCALE (External)
Target = 35% marks

Attainment Levels	40% of students scoring more than set target
	60% of students scoring more than set target
	80 % of students scoring more than set target



Subject Code	R2021053
Subject Name	SOFTWARE ENGINEERING
REGULATION	R-20
Year & Semester	II-I-CSE
Academic Year	2023-2024
Name of Faculty	B.AVINASH

Assignment of COs for the Subject
 R2021053

CO	Attainment level in			Direct attainment level	Indirect attainment level	SCALE (External)			
	Descriptive	Online Quiz	Assignment			Internal Assessment	External Assessment	Attainment Levels	Target = 35% marks
C204.1	3	2	3	2.67	3	2.93	2.00	1	40% of students scoring more than set target
C204.2	3	1	3	2.34	3	2.87	3.00	2	60% of students scoring more than set target
C204.3	3	2	3	2.67	3	2.93	2.00	3	80% of students scoring more than set target
C204.4	3	1	3	2.34	3	2.87	3.00		
C204.5	3	2	3	2.67	3	2.93	2.00		
C204.6	3	1	3	2.34	3	2.87	3.00		
				2.51	3	2.9	2.50		

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO10	PO12	PSO1	PSO2	PSO3
C204.1	2	2	2	2	1	2	2	2	1	1	2	2	2
C204.2	2	2	3	2	2	3	2	3	1	1	2	1	3
C204.3	3	1	2	2	3	2	2	2	3	3	2	2	3
C204.4	2	2	2	2	2	3	3	1	1	1	2	2	3
C204.5	2	2	2	3	2	2	2	2	3	1	2	1	2
C204.6	2	2	2	2	2	3	1	3	1	3	2	2	2
2.1	2.7	2.17	2	2.5	2.17	2	2	2.17	#	2	2	2	2.67
2.5													2.5

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO10	PO12	PSO1	PSO2	PSO3
C204	2	2	1	1.81	1.94	2.42	1.94	0	2	2	1.9	1.6	2.42
1.81	1.81	1.85	1.67	2.09	1.67	1.67	1.67	1.02	1	1	1.7	1.4	2.09

UNIVERSITY COLLEGE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS) DOKIPARRU (V), MEDIKONDURU (M), GUNTUR (Dist.)

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