



V. K. V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

(An ISO 9001:2015 certified by HYM International Certifications Pvt. Ltd.)

(Accredited by NAAC “B” Grade)



PROGRAMME OUTCOMES

CO-PO ATTAINMENT B. Sc (MPC)-2021-22

SEMESTER-I

SUBJECTS	CREDITS	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	PSO-1	PSO-2	PSO-3	PSO-4
ENGLISH	4	70.17	71.03	69.89	70.94	71.43	--	--	--	--	--	--	--	70.48	70.69	--	--
TELUGU	4	67.11	69.06	66.92	68.63	68.58	--	--	--	--	--	--	--	68.12	68.06	--	--
MATHEMATICS	4	64.87	65.05	65.23	65.41	65.45	--	--	--	--	--	--	--	65.2	65.16	--	--
PHYSICS	4	45.72	47.4	46.6	45.63	45.63	--	--	--	--	--	--	--	46.37	46.16	--	--
CHEMISTRY	4	58.21	58.84	57.67	59.56	58.17	--	--	--	--	--	--	--	58.38	58.55	--	--
TOTAL ATTAINMENTS	4	61.22	62.28	61.26	62.03	61.85	--	--	--	--	--	--	--	61.71	61.72	--	--

Remarks:-

The above statics shows that the course wise attainment of program outcomes is above the target level (60%) for English, Telugu and Mathematics subjects and below the target level for chemistry and physics subjects. Especially physics is advised to concentrate on effective Teaching, Learning and Evaluation (TLE) to improve attainment level.

IQAC Coordinator

Principal



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PROGRAMME OUTCOMES

CO-PO ATTAINMENT B.Sc (MPC)-2021-22

SEMESTER-II



SUBJECTS	CR EDI TS	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	PSO-1	PSO-2	PSO-3	PSO-4
ENGLISH	4	58.1	59.66	57.71	59.23	59.56	--	--	--	--	--	--	--	59.04	58.96	--	--
TELUGU	4	62.3	65.07	62.48	63.84	64.39	--	--	--	--	--	--	--	63.78	63.68	--	--
MATHEMATICS	4	59.5	59.31	58.33	60.08	59.89	--	--	--	--	--	--	--	59.33	59.31	--	--
PHYSICS	4	51.4	52.71	50.47	50.67	50.67	--	--	--	--	--	--	--	51.26	51.37	--	--
CHEMISTRY	4	63.9	62.95	62.66	63.85	62.66	--	--	--	--	--	--	--	63.1	63.29	--	--
TOTAL ATTAINMENTS	4	59.05	59.94	58.33	59.53	59.43	--	--	--	--	--	--	--	59.30	59.32	--	--

Remarks:-

The above statics shows that the course wise attainment of program outcomes is above the target level (60%) for Chemistry, Telugu and subjects and below the target level for Mathematics English and physics subjects. Especially physics is advised to concentrate on effective Teaching, Learning and Evaluation (TLE) to improve attainment level.

IQAC Coordinator

Principal



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PROGRAMME OUTCOMES

ATTAINMENT OF PROGRAM OUT COMES B.Sc (MPC)-2021-22



SEMESTER	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	PSO-1	PSO-2	PSO-3	PSO-4
I	61.22	62.28	61.26	62.03	61.85	--	--	--	--	--	--	--	61.71	61.72	--	--
II	59.05	59.94	58.33	59.53	59.43	--	--	--	--	--	--	--	59.30	59.32	--	--
TOTAL ATTAINMENTS	60.13	61.11	59.79	60.78	60.64	--	--	--	--	--	--	--	60.50	60.62	--	--

Remarks:-

Overall observation of the attainment of program outcomes of I BSc (MPC) revealed that POs attainment is done the target level (60%) for PO1, PO2, PO4, PO5, PSO1 and PSO2. Faculty members are advised to concentrate on PO3 in particular and all the POs in general to improve the attainment level.

IQAC Coordinator

Principal

Name of the subject : **ENGLISH**

Semester - I

Academic Year : 2021-2022

DIRECT CO ATTAINMENT

I - SESSIONAL MARKS (2021 - 22)						II - SESSIONAL MARKS (2021-22)				
S.No	Roll No	Total	S1	S2	S3	S.No	Roll No	Total	S1	S2
1	210557101001	15	4	8	3	1	210557101001	13	3	10
2	210557101002	17	4	9	4	2	210557101002	13	4	9
3	210557101003	19	4	10	5	3	210557101003	15	5	10
4	210557101004	19	5	9	5	4	210557101004	15	5	10
5	210557101005	17	4	8	5	5	210557101005	13	3	10
6	210557101006	19	4	10	5	6	210557101006	15	5	10
7	210557101007	14	3	9	2	7	210557101007	8	4	4
8	210557101008	16	4	8	4	8	210557101008	12	3	9
9	210557101009	14	3	9	2	9	210557101009	10	4	6
10	210557101010	17	3	10	4	10	210557101010	13	5	8
11	210557101011	19	5	10	4	11	210557101011	15	5	10
12	210557101012	17	4	8	5	12	210557101012	13	4	9
13	210557101013	17	4	9	4	13	210557101013	13	5	8
14	210557101014	14	3	9	2	14	210557101014	10	4	6
No. of students attempted the question (COUNT)			14	14	14	No. of students attempted the question (COUNT)			14	14
Total No. of marks obtained for the question (SUM)			54	126	54	Total No. of marks obtained for the question (SUM)			59	119
AVERAGE MARKS			3.86	9.00	3.86	AVERAGE MARKS			4.21	8.50
CO ATTAINMENT from I sessional			0.77	0.90	0.77	CO ATTAINMENT from II sessional			0.84	0.85

I Sessional CO Mapping			C01	C01					II Sessional CO Mapping			C01		
			C02		C02			C02						
			C03			C03		C03						
			C04					C04				C04		
			C05					C05					C05	
			C06					C06						
I & II Sessional Exam CO Attainment			0.77	0	0	0.7700				0	0			
			0	0.90	0	0.9000				0	0			
			0	0	0.77	0.7700				0	0			
			0	0	0	0.8400				0.84	0			
			0	0	0	0.8500				0	0.85			
Final Direct CO Attainment = 30% of Sessional Exams + 60% of End Exam + 10% of (Quiz and Assignment) CO Attainment			C01	0.6963										
			C02	0.7158										
			C03	0.6963										
			C04	0.7068										
			C05	0.7083										
			C06	0.0000										

	II - SESSIONAL MARKS (2021-22)				
	S.No	Roll No	Total	S1	S2
	1	210557101001	13	3	10
	2	210557101002	13	4	9
	3	210557101003	15	5	10
	4	210557101004	15	5	10
	5	210557101005	13	3	10
	6	210557101006	15	5	10
	7	210557101007	8	4	4
	8	210557101008	12	3	9
	9	210557101009	10	4	6
	10	210557101010	13	5	8
	11	210557101011	15	5	10
	12	210557101012	13	4	9
	13	210557101013	13	5	8
	14	210557101014	10	4	6
	No. of students attempted the question (COUNT)			14	14
	Total No. of marks obtained for the question (SUM)			59	119
	AVERAGE MARKS			4.21	8.50
	CO ATTAINMENT from II sessional			0.84	0.85

	II Sessional CO Mapping	C01		
		C02		
		C03		
		C04	C04	
		C05		C05
		C06		
0.7700			0	0
0.9000			0	0
0.7700			0	0
0.8400			0.84	0
0.8500			0	0.85

Quiz and Assignment Marks				END EXAMINATION MARKS		
S.No	Roll No	Quiz+Assignment+clean and green attendance		CODENO	GRADE	MARKS
1	210557101001	14		210557101001	B	58
2	210557101002	14		210557101002	A	75
3	210557101003	14		210557101003	A	75
4	210557101004	14		210557101004	A	75
5	210557101005	14		210557101005	A	75
6	210557101006	14		210557101006	A	75
7	210557101007	14		210557101007	B	58
8	210557101008	14		210557101008	A	75
9	210557101009	14		210557101009	C	53
10	210557101010	14		210557101010	B+	65
11	210557101011	14		210557101011	A	75
12	210557101012	14		210557101012	C	53
13	210557101013	14		210557101013	D	45
14	210557101014	14		210557101014	C	53
COUNT		14		COUNT		14
SUM		196		SUM		910
AVERAGE MARKS		14.00		AVERAGE MARKS		65.00
CO ATTAINMENT from Quiz & Assignment		0.9333		CO ATTAINMENT from End Exams		0.65

O	95
A+	85
A	75
B+	65
B	57.5
C	52.5
D	45
F	20
AB	-

Quiz & Assignment CO Mapping	Mapped to all COs		End Exam CO Mapping	C01	C01	
				C02	C02	
				C03	C03	
				C04	C04	
				C05	C05	
				C06	C06	
			External CO Attainment	C01	0.65	0.6500
				C02	0.65	0.6500
				C03	0.65	0.6500
				C04	0.65	0.6500
				C05	0.65	0.6500
				C06	0.65	0.6500

C01							
C02							
C03							
C04							
C05							
1	Little Extent						
2	Moderate Extent						
3	Good Extent						
4	Great Extent						
	Grade Count	C01	C02	C03	C04	C05	
	1	1	3	2	2	1	
	2	4	2	4	3	3	
	3	3	6	2	3	4	
	4	6	3	6	6	6	
	Total	14	14	14	14	14	
		75.00	66.07	71.43	73.21	76.79	

CO	Indirect CO Attainment
C01	75.00
C02	66.07
C03	71.43
C04	73.21
C05	76.79

CO	DIRECT	INDIRECT	Total CO Attainment
C01	69.6333	75.00	70.17
C02	71.5833	66.07	71.03
C03	69.6333	71.43	69.81
C04	70.6833	73.21	70.94
C05	70.8333	76.79	71.43

Total CO Attainment = 90% of Direct CO Attainment + 10% of Indirect CO Attainment

Name of the subject :		ENGLISH														
Semester - VI	I															
Academic Year : 2021-2022																
DIRECT PO ATTAINMENT																
	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3												3	2		
CO2		3											2	3		
CO3			3										3	3		
CO4				3									2	2		
CO5					3								1	3		

C01	P01,P02,P03,P04,P05	70.17
C02	P01,P02,P03,P04,P05	71.03
C03	P01,P02,P03,P04,P05	69.81
C04	P01,P02,P03,P04,P05	70.94
C05	P01,P02,P03,P04,P05	71.43

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	70.17	70.17	70.17	70.17	70.17								70.17	70.17		
CO2	71.03	71.03	71.03	71.03	71.03								71.03	71.03		
CO3	69.81	69.81	69.81	69.81	69.81								69.81	69.81		
CO4	70.94	70.94	70.94	70.94	70.94								70.94	70.94		
CO5	71.43	71.43	71.43	71.43	71.43								71.43	71.43		
PO Attainment	70.17	71.03	69.81	70.94	71.43								70.48	70.69		

Name of the subject : ENGLISH

Semester - II

Academic Year : 2021-2022

DIRECT CO ATTAINMENT

I - SESSIONAL MARKS (2021 - 22)						II - SESSIONAL MARKS (2021-22)					
S.No	Roll No	Total	S1	S2	S3	S.No	Roll No	Total	S1	S2	
1	210557101001	16	4	8	4	1	210557101001	12	3	9	
2	210557101002	19	5	10	4	2	210557101002	14	5	9	
3	210557101003	19	4	10	5	3	210557101003	15	5	10	
4	210557101004	18	5	8	5	4	210557101004	15	5	10	
5	210557101005	19	4	10	5	5	210557101005	15	5	10	
6	210557101006	18	4	9	5	6	210557101006	14	4	10	
7	210557101007	11	3	6	2	7	210557101007	8	4	4	
8	210557101008	16	4	8	4	8	210557101008	10	2	8	
9	210557101009	11	3	6	2	9	210557101009	8	4	4	
10	210557101010	16	3	9	4	10	210557101010	12	4	8	
11	210557101012	16	4	8	4	11	210557101012	12	4	8	
12	210557101013	17	4	9	4	12	210557101013	10	4	6	
13	210557101014	16	3	9	4	13	210557101014	11	4	7	
No. of students attempted the question (COUNT)			13	13	13	No. of students attempted the question (COUNT)			13	13	
Total No. of marks obtained for the question (SUM)			50	110	52	Total No. of marks obtained for the question (SUM)			53	103	
AVERAGE MARKS			3.85	8.46	4.00	AVERAGE MARKS			4.08	7.92	
CO ATTAINMENT from I sessional			0.77	0.85	0.80	CO ATTAINMENT from II sessional			0.82	0.79	

I Sessional CO Mapping			C01	C01					II Sessional CO Mapping			C01		
			C02		C02			C02						
			C03			C03		C03						
			C04					C04				C04		
			C05					C05					C05	
			C06					C06						
I & II Sessional Exam CO Attainment				0.77	0	0	0.7700				0	0		
				0	0.90	0	0.9000				0	0		
				0	0	0.77	0.7700				0	0		
				0	0	0	0.8400				0.84	0		
				0	0	0	0.8500				0	0.85		
Final Direct CO Attainment = 30% of Sessional Exams + 60% of End Exam + 10% of (Quiz and Assignment) CO Attainment			C01	0.5793										
			C02	0.5988										
			C03	0.5793										
			C04	0.5898										
			C05	0.5913										
			C06	0.0000										

Quiz and Assignment Marks				END EXAMINATION MARKS		
S.No	Roll No	Quiz+Assignment+clean and green attendance		CODENO	GRADE	MARKS
1	210557101001	14		210557101001	B+	65
2	210557101002	15		210557101002	B	58
3	210557101003	14		210557101003	B+	65
4	210557101004	15		210557101004	B+	65
5	210557101005	14		210557101005	B+	65
6	210557101006	14		210557101006	B+	65
7	210557101007	9		210557101007	D	45
8	210557101008	13		210557101008	C	53
9	210557101009	9		210557101009	F	20
10	210557101010	14		210557101010	B+	65
11	210557101012	14		210557101012	F	20
12	210557101013	13		210557101013	B	58
13	210557101014	13		210557101014	B	58
COUNT		13		COUNT		14
SUM		171		SUM		702
AVERAGE MARKS		13.15		AVERAGE MARKS		50.14
CO ATTAINMENT from Quiz & Assignment		0.8769		CO ATTAINMENT from End Exams		0.50

O	95
A+	85
A	75
B+	65
B	57.5
C	52.5
D	45
F	20
AB	-

Quiz & Assignment CO Mapping	Mapped to all COs		End Exam CO Mapping	C01	C01	
				C02	C02	
				C03	C03	
				C04	C04	
				C05	C05	
				C06	C06	
			External CO Attainment	C01	0.50	0.5014
				C02	0.50	0.5014
				C03	0.50	0.5014
				C04	0.50	0.5014
				C05	0.50	0.5014
				C06	0.50	0.5014

NAME OF THE SUBJECT:English							
Semester - II							
Academic Year : 2021-2022							
INDIRECT CO ATTAINMENT							
C01							
C02							
C03							
C04							
C05							
1	Little Extent						
2	Moderate Extent						
3	Good Extent						
4	Great Extent						
	Grade Count	C01	C02	C03	C04	C05	
	1	3	3	4	2	3	
	2	3	4	3	4	2	
	3	6	5	5	6	6	
	4	1	1	1	1	2	
	Total	13	13	13	13	13	
		59.62	57.69	55.77	61.54	63.46	

CO	Indirect CO Attainment
C01	59.62
C02	57.69
C03	55.77
C04	61.54
C05	63.46

CO	DIRECT	INDIRECT	Total CO Attainment
C01	57.9264	59.62	58.10
C02	59.8764	57.69	59.66
C03	57.9264	55.77	57.71
C04	58.9764	61.54	59.23
C05	59.1264	63.46	59.56

Total CO Attainment = 90% of Direct CO Attainment + 10% of Indirect CO Attainment

Name of the subject :		ENGLISH													
Semester - VI	II														
Academic Year : 2021-2022															
DIRECT PO ATTAINMENT															
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3												1	1	
CO2		3											3	1	
CO3			3										2	2	
CO4				3									1	3	
CO5					3								3	3	

C01	P01,P02,P03,P04,P05	58.10
C02	P01,P02,P03,P04,P05	59.66
C03	P01,P02,P03,P04,P05	57.71
C04	P01,P02,P03,P04,P05	59.23
C05	P01,P02,P03,P04,P05	59.56

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	58.10	58.10	58.10	58.10	58.10								58.10	58.10	
CO2	59.66	59.66	59.66	59.66	59.66								59.66	59.66	
CO3	57.71	57.71	57.71	57.71	57.71								57.71	57.71	
CO4	59.23	59.23	59.23	59.23	59.23								59.23	59.23	
CO5	59.56	59.56	59.56	59.56	59.56								59.56	59.56	
PO Attainment	58.10	59.66	57.71	59.23	59.56								59.04	58.96	

Name of the subject : CHEMISTRY											
Semester - I											
Academic Year : 2021-2022											
DIRECT CO ATTAINMENT											
I - SESSIONAL MARKS (2021 - 22)						II - SESSIONAL MARKS (2021-22)					
S.No	Roll No	Total	S1	S2	S3	S.No	Roll No	Total	S1	S2	
1	210557101001	17	4	9	4	1	210557101001	12	4	8	
2	210557101002	18	5	9	4	2	210557101002	12	5	7	
3	210557101003	18	4	9	5	3	210557101003	13	5	8	
4	210557101004	20	5	10	5	4	210557101004	15	5	10	
5	210557101005	20	5	10	5	5	210557101005	15	5	10	
6	210557101006	20	5	10	5	6	210557101006	15	5	10	
7	210557101007	12	3	6	3	7	210557101007	9	3	6	
8	210557101008	19	5	10	4	8	210557101008	14	4	10	
9	210557101009	10	2	6	2	9	210557101009	9	4	5	
10	210557101010	17	4	9	4	10	210557101010	12	5	7	
11	210557101011	10	2	6	2	11	210557101011	11	5	6	
12	210557101012	18	5	10	3	12	210557101012	13	4	9	
13	210557101013	19	5	9	5	13	210557101013	15	5	10	
14	210557101014	17	5	7	5	14	210557101014	12	4	8	
No. of students attempted the question (COUNT)			14	14	14	No. of students attempted the question (COUNT)			14	14	
Total No. of marks obtained for the question (SUM)			59	120	56	Total No. of marks obtained for the question (SUM)			63	114	
AVERAGE MARKS			4.21	8.57	4.00	AVERAGE MARKS			4.50	8.14	
CO ATTAINMENT from I sessional			0.84	0.86	0.80	CO ATTAINMENT from II sessional			0.90	0.81	

I Sessional CO Mapping			C01	C01					II Sessional CO Mapping	C01		
			C02		C02					C02		
			C03			C03				C03		
			C04							C04	C04	
			C05							C05		C05
			C06							C06		
I & II Sessional Exam CO Attainment				0.84	0	0	0.8400				0	0
				0	0.86	0	0.8600				0	0
				0	0	0.80	0.8000				0	0
				0	0	0	0.9000				0.90	0
				0	0	0	0.8100				0	0.81
Final Direct CO Attainment = 30% of Sessional Exams + 60% of End Exam + 10% of (Quiz and Assignment) CO Attainment			C01	0.5754								
			C02	0.5784								
			C03	0.5694								
			C04	0.5844								
			C05	0.5709								
			C06	0.0000								

II - SESSIONAL MARKS (2021-22)					Quiz and Assignment Marks			END EXAMINATION MARKS					
S.No	Roll No	Total	S1	S2	S.No	Roll No	Quiz+Assignment+clean and green attendance	CODENO	GRADE	MARKS		O	95
1	210557101001	12	4	8	1	210557101001	14	210557101001	F	20		A+	85
2	210557101002	12	5	7	2	210557101002	14	210557101002	C	53		A	75
3	210557101003	13	5	8	3	210557101003	15	210557101003	B+	58		B+	65
4	210557101004	15	5	10	4	210557101004	15	210557101004	B+	58		B	57.5
5	210557101005	15	5	10	5	210557101005	15	210557101005	A+	85		C	52.5
6	210557101006	15	5	10	6	210557101006	13	210557101006	A	75		D	45
7	210557101007	9	3	6	7	210557101007	12	210557101007	F	20		F	20
8	210557101008	14	4	10	8	210557101008	14	210557101008	C	53		AB	-
9	210557101009	9	4	5	9	210557101009	11	210557101009	F	20			
10	210557101010	12	5	7	10	210557101010	14	210557101010	C	53			
11	210557101011	11	5	6	11	210557101011	15	210557101011	ab	0			
12	210557101012	13	4	9	12	210557101012	14	210557101012	D	45			
13	210557101013	15	5	10	13	210557101013	15	210557101013	B	58			
14	210557101014	12	4	8	14	210557101014	14	210557101014	F	20			
No. of students attempted the question (COUNT)			14	14	COUNT		14	COUNT		13			
Total No. of marks obtained for the question (SUM)			63	114	SUM		195	SUM		618			
AVERAGE MARKS			4.50	8.14	AVERAGE MARKS		13.93	AVERAGE MARKS		47.54			
CO ATTAINMENT from II sessional			0.90	0.81	CO ATTAINMENT from Quiz & Assignment		0.9286	CO ATTAINMENT from End Exams		0.48			

Quiz & Assignment CO Mapping		Mapped to all COs		End Exam CO Mapping	C01	C01	
					C02	C02	
					C03	C03	
					C04	C04	
					C05	C05	
					C06	C06	
					C06	C06	
				External CO Attainment	C01	0.48	0.4754
					C02	0.48	0.4754
					C03	0.48	0.4754
					C04	0.48	0.4754
					C05	0.48	0.4754
					C05	0.48	0.4754
					C06	0.48	0.4754

NAME OF THE SUBJECT:CHEMISTRY	
Semester - I	
Academic Year : 2021-2022	
INDIRECT CO ATTAINMENT	
CO1	Understand the basic concepts of p-block elements
CO2	Explain the difference between solid, liquid and gasses in terms of intermolecular interactions.
CO3	Apply the concepts of gas equations, pH and electrolytes while studying other chemistry courses
CO4	Understand the basic concepts of qualitative analysis of inorganic mixture
CO5	Use glassware, equipment and chemicals and follow experimental procedures in the laboratory. Apply the concepts of common ion effect, solubility product and concepts related to qualitative analysis.

1	Little Extent
2	Moderate Extent
3	Good Extent
4	Great Extent

Grade Count	CO1	CO2	CO3	CO4	CO5
1	3	2	3	2	2
2	4	4	4	3	4
3	3	4	3	5	4
4	4	4	4	4	4
Total	14	14	14	14	14
	64.29	67.86	64.29	69.64	67.86

CO	Indirect CO Attainment
CO1	64.29
CO2	67.86
CO3	64.29
CO4	69.64
CO5	67.86

CO	DIRECT	INDIRECT	Total CO Attainment
CO1	57.5396	64.29	58.21
CO2	57.8396	67.86	58.84
CO3	56.9396	64.29	57.67
CO4	58.4396	69.64	59.56
CO5	57.0896	67.86	58.17

Total CO Attainment = 90% of Direct CO Attainment + 10% of Indirect CO Attainment

Name of the subject :	CHEMISTRY															
Semester	I															
Academic Year : 2021-2022																
DIRECT PO ATTAINMENT																
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3												3	3		
CO2		2											2	3		
CO3			3										3	2		
CO4				3									2	3		
CO5					3								3	3		

C01	P01,P02,P03,P04,P05	58.21
C02	P01,P02,P03,P04,P05	58.84
C03	P01,P02,P03,P04,P05	57.67
C04	P01,P02,P03,P04,P05	59.56
C05	P01,P02,P03,P04,P05	58.17

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	58.21	58.21	58.21	58.21	58.21								58.21	58.21		
CO2	58.84	58.84	58.84	58.84	58.84								58.84	58.84		
CO3	57.67	57.67	57.67	57.67	57.67								57.67	57.67		
CO4	59.56	59.56	59.56	59.56	59.56								59.56	59.56		
CO5	58.17	58.17	58.17	58.17	58.17								58.17	58.17		
PO Attainment	58.21	58.84	57.67	59.56	58.17								58.38	58.55		

Name of the subject : CHEMISTRY											
Semester - II											
Academic Year : 2021-2022											
DIRECT CO ATTAINMENT											
I - SESSIONAL MARKS (2021 - 22)						II - SESSIONAL MARKS (2021-22)					
S.No	Roll No	Total	S1	S2	S3	S.No	Roll No	Total	S1	S2	
1	210557101001	17	4	9	4	1	210557101001	12	4	8	
2	210557101002	18	5	9	4	2	210557101002	12	5	7	
3	210557101003	18	4	9	5	3	210557101003	13	5	8	
4	210557101004	20	5	10	5	4	210557101004	15	5	10	
5	210557101005	20	5	10	5	5	210557101005	15	5	10	
6	210557101006	20	5	10	5	6	210557101006	15	5	10	
7	210557101007	12	3	6	3	7	210557101007	9	3	6	
8	210557101008	19	5	10	4	8	210557101008	14	4	10	
9	210557101009	10	2	6	2	9	210557101009	9	4	5	
10	210557101010	17	4	9	4	10	210557101010	12	5	7	
11	210557101012	18	5	10	3	11	210557101012	13	4	9	
12	210557101013	19	5	9	5	12	210557101013	15	5	10	
13	210557101014	17	5	7	5	13	210557101014	12	4	8	
No. of students attempted the question (COUNT)			13	13	13	No. of students attempted the question (COUNT)			13	13	
Total No. of marks obtained for the question (SUM)			57	114	54	Total No. of marks obtained for the question (SUM)			58	108	
AVERAGE MARKS			4.38	8.77	4.15	AVERAGE MARKS			4.46	8.31	
CO ATTAINMENT from I sessional			0.88	0.88	0.83	CO ATTAINMENT from II sessional			0.89	0.83	

I Sessional CO Mapping		C01	C01				II Sessional CO Mapping			C01		
		C02		C02						C02		
		C03			C03					C03		
		C04								C04	C04	
		C05								C05		C05
		C06								C06		
I & II Sessional Exam CO Attainment			0.88	0	0	0.8800				0	0	
			0	0.88	0	0.8800				0	0	
			0	0	0.83	0.8300				0	0	
			0	0	0	0.8900				0.89	0	
			0	0	0	0.8300				0	0.83	
Final Direct CO Attainment = 30% of Sessional Exams + 60% of End Exam + 10% of (Quiz and Assignment) CO Attainment		C01	0.6310									
		C02	0.6310									
		C03	0.6235									
		C04	0.6325									
		C05	0.6235									
		C06	0.0000									

II - SESSIONAL MARKS (2021-22)					Quiz and Assignment Marks			END EXAMINATION MARKS					
S.No	Roll No	Total	S1	S2	S.No	Roll No	Quiz+Assignment+clean and green attendance	CODENO	GRADE	MARKS		O	95
1	210557101001	12	4	8	1	210557101001	14	210557101001	C	53		A+	85
2	210557101002	12	5	7	2	210557101002	14	210557101002	B+	65		A	75
3	210557101003	13	5	8	3	210557101003	15	210557101003	B+	65		B+	65
4	210557101004	15	5	10	4	210557101004	15	210557101004	B+	65		B	57.5
5	210557101005	15	5	10	5	210557101005	15	210557101005	O	95		C	52.5
6	210557101006	15	5	10	6	210557101006	13	210557101006	A+	85		D	45
7	210557101007	9	3	6	7	210557101007	12	210557101007	F	20		F	20
8	210557101008	14	4	10	8	210557101008	14	210557101008	C	53		AB	-
9	210557101009	9	4	5	9	210557101009	11	210557101009	F	20			
10	210557101010	12	5	7	10	210557101010	14	210557101010	C	53			
11	210557101012	13	4	9	11	210557101012	14	210557101012	C	53			
12	210557101013	15	5	10	12	210557101013	15	210557101013	B	58			
13	210557101014	12	4	8	13	210557101014	14	210557101014	F	20			
No. of students attempted the question (COUNT)			13	13	COUNT		13	COUNT		13			
Total No. of marks obtained for the question (SUM)			58	108	SUM		180	SUM		705			
AVERAGE MARKS			4.46	8.31	AVERAGE MARKS		13.85	AVERAGE MARKS		54.23			
CO ATTAINMENT from II sessional			0.89	0.83	CO ATTAINMENT from Quiz & Assignment		0.9231	CO ATTAINMENT from End Exams		0.54			

Quiz & Assignment CO Mapping		Mapped to all COs		End Exam CO Mapping	C01	C01	
					C02	C02	
					C03	C03	
					C04	C04	
					C05	C05	
					C06	C06	
					C01	0.54	0.5423
				External CO Attainment	C02	0.54	0.5423
					C03	0.54	0.5423
					C04	0.54	0.5423
					C05	0.54	0.5423
					C06	0.00	0.0000

NAME OF THE SUBJECT: CHEMISTRY	
Semester - II	
Academic Year : 2021-2022	
INDIRECT CO ATTAINMENT	
CO1	Formulate the mechanism of organic reactions by recalling and correlating the fundamental properties of the reactants involved
CO2	Learn and identify many organic reaction mechanisms.
CO3	Learn and identify many organic reaction mechanisms including Free Radical Substitution, Electrophilic Addition and Electrophilic Aromatic Substitution.
CO4	Correlate and describe the stereochemical properties of organic compounds and reactions.
CO5	Learn and identify the concepts of a standard solutions, primary and secondary standards. Facilitate the learner to make solutions of various molar concentrations.

1	Little Extent
2	Moderate Extent
3	Good Extent
4	Great Extent

Grade Count	CO1	CO2	CO3	CO4	CO5
1	2	3	3	2	2
2	3	4	3	3	4
3	3	3	3	4	4
4	5	3	4	4	3
Total	13	13	13	13	13
	71.15	61.54	65.38	69.23	65.38

CO	DIRECT	INDIRECT	Total CO Attainment
CO1	63.1038	71.15	63.91
CO2	63.1038	61.54	62.95
CO3	62.3538	65.38	62.66
CO4	63.2538	69.23	63.85
CO5	62.3538	65.38	62.66

CO	Indirect CO Attainment
CO1	71.15
CO2	61.54
CO3	65.38
CO4	69.23
CO5	65.38

Total CO Attainment = 90% of Direct CO Attainment + 10% of Indirect CO Attainment

Name of the subject :		CHEMISTRY														
Semester - VI	II															
Academic Year : 2021-2022																
DIRECT PO ATTAINMENT																
	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3												2	3		
CO2		3											3	3		
CO3			2										3	2		
CO4				3									2	3		
CO5					3								3	2		

C01	P01,P02,P03,P04,P05	63.91
C02	P01,P02,P03,P04,P05	62.95
C03	P01,P02,P03,P04,P05	62.66
C04	P01,P02,P03,P04,P05	63.85
C05	P01,P02,P03,P04,P05	62.66

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	63.91	63.91	63.91	63.91	63.91								63.91	63.91		
CO2	62.95	62.95	62.95	62.95	62.95								62.95	62.95		
CO3	62.66	62.66	62.66	62.66	62.66								62.66	62.66		
CO4	63.85	63.85	63.85	63.85	63.85								63.85	63.85		
CO5	62.66	62.66	62.66	62.66	62.66								62.66	62.66		
PO Attainment	63.91	62.95	62.66	63.85	62.66								63.10	63.29		

Name of the subject : MATHEMATICS											
Semester - I											
Academic Year : 2021-2022											
DIRECT CO ATTAINMENT											
I - SESSIONAL MARKS (2021 - 22)						II - SESSIONAL MARKS (2021-22)					
S.No	Roll No	Total	S1	S2	S3		S.No	Roll No	Total	S1	S2
1	210557101001	20	5	10	5		1	210557101001	15	5	10
2	210557101002	20	5	10	5		2	210557101002	15	5	10
3	210557101003	20	5	10	5		3	210557101003	15	5	10
4	210557101004	20	5	10	5		4	210557101004	15	5	10
5	210557101005	20	5	10	5		5	210557101005	15	5	10
6	210557101006	20	5	10	5		6	210557101006	15	5	10
7	210557101007	19	5	9	5		7	210557101007	14	5	9
8	210557101008	20	5	10	5		8	210557101008	14	4	10
9	210557101009	19	5	10	4		9	210557101009	14	5	9
10	210557101010	20	5	10	5		10	210557101010	14	5	9
11	210557101011	20	5	10	5		11	210557101011	15	5	10
12	210557101012	19	4	10	5		12	210557101012	15	5	10
13	210557101013	20	5	10	5		13	210557101013	15	5	10
14	210557101014	19	5	9	5		14	210557101014	15	5	10
No. of students attempted the question (COUNT)			14	14	14		No. of students attempted the question (COUNT)			14	14
Total No. of marks obtained for the question (SUM)			69	138	69		Total No. of marks obtained for the question (SUM)			69	137
AVERAGE MARKS			4.93	9.86	4.93		AVERAGE MARKS			4.93	9.79
CO ATTAINMENT from I sessional			0.99	0.99	0.99		CO ATTAINMENT from II sessional			0.99	0.98

I Sessional CO Mapping			C01	C01				II Sessional CO Mapping			C01		
			C02		C02						C02		
			C03			C03					C03		
			C04								C04	C04	
			C05								C05		C05
			C06								C06		
I & II Sessional Exam CO Attainment			0.99	0	0	0.9900			0	0			
			0	0.99	0	0.9900			0	0			
			0	0	0.99	0.9900			0	0			
			0	0	0	0.9900			0.99	0			
			0	0	0	0.9800			0	0.98			
Final Direct CO Attainment = 30% of Sessional Exams + 60% of End Exam + 10% of (Quiz and Assignment) CO Attainment			C01	0.6573									
			C02	0.6573									
			C03	0.6573									
			C04	0.6573									
			C05	0.6558									
			C06	0.0000									

Quiz and Assignment Marks			END EXAMINATION MARKS					
S.No	Roll No	Quiz+Assignment+clean and green attendance	CODENO	GRADE	MARKS			
1	210557101001	15	210557101001	C	53		O	95
2	210557101002	15	210557101002	C	53		A+	85
3	210557101003	15	210557101003	A+	85		A	75
4	210557101004	15	210557101004	O	95		B+	65
5	210557101005	15	210557101005	O	95		B	57.5
6	210557101006	15	210557101006	B+	65		C	52.5
7	210557101007	12	210557101007	F	20		D	45
8	210557101008	14	210557101008	C	53		F	20
9	210557101009	12	210557101009	F	20		AB	-
10	210557101010	14	210557101010	F	20			
11	210557101011	15	210557101011	A	75			
12	210557101012	14	210557101012	C	53			
13	210557101013	15	210557101013	B+	65			
14	210557101014	14	210557101014	F	20			
COUNT		14	COUNT		14			
SUM		200	SUM		772			
AVERAGE MARKS		14.29	AVERAGE MARKS		55.14			
CO ATTAINMENT from Quiz & Assignment		0.9524	CO ATTAINMENT from End Exams		0.55			

Quiz & Assignment CO Mapping		Mapped to all COs		End Exam CO Mapping	C01	C01	
					C02	C02	
					C03	C03	
					C04	C04	
					C05	C05	
					C06	C06	
					C01	0.55	0.5514
				External CO Attainment	C02	0.55	0.5514
					C03	0.55	0.5514
					C04	0.55	0.5514
					C05	0.55	0.5514
					C06	0.55	0.5514

Name of the subject : **MATHEMATICS**

Semester - I

Academic Year : 2021-2022

INDIRECT CO ATTAINMENT

c01	Solve linear differential equations
c02	Convert non exact homogeneous equations to exact differential equations by using integrating factors
c03	Know the methods of finding solutions of differential equations of the first order but not of the first degree.
c04	Solve higher-order linear differential equations, both homogeneous and non homogeneous, with constant coefficients.
c05	Understand the concept and apply appropriate methods for solving differential equations

1	Little Extent
2	Moderate Extent
3	Good Extent
4	Great Extent

Grade Count	C01	C02	C03	C04	C05
1	4	4	3	3	2
2	5	3	5	4	4
3	2	5	3	4	6
4	3	2	3	3	2
Total	14	14	14	14	14
	57.14	58.93	60.71	62.50	64.29

CO	Indirect CO Attainment
C01	57.14
C02	58.93
C03	60.71
C04	62.50
C05	64.29
C06	0.00

CO	DIRECT	INDIRECT	Total CO Attainment
C01	65.7310	57.14	64.87
C02	65.7310	58.93	65.05
C03	65.7310	60.71	65.23
C04	65.7310	62.50	65.41
C05	65.5810	64.29	65.45

Total CO Attainment = 90% of Direct CO Attainment + 10% of Indirect CO Attainment

Name of the subject :		MATHEMATICS														
Semester -		I														
Academic Year : 2021-2022																
DIRECT PO ATTAINMENT																
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3												2	3		
CO2		3											3	2		
CO3			3										3	3		
CO4				3									1	1		
CO5					3								3	2		

C01	P01,P02,P03,P04,P05	64.87
C02	P01,P02,P03,P04,P05	65.05
C03	P01,P02,P03,P04,P05	65.23
C04	P01,P02,P03,P04,P05	65.41
C05	P01,P02,P03,P04,P05	65.45

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	64.87	64.87	64.87	64.87	64.87								64.87	64.87		
CO2	65.05	65.05	65.05	65.05	65.05								65.05	65.05		
CO3	65.23	65.23	65.23	65.23	65.23								65.23	65.23		
CO4	65.41	65.41	65.41	65.41	65.41								65.41	65.41		
CO5	65.45	65.45	65.45	65.45	65.45								65.45	65.45		
PO Attainment	64.87	65.05	65.23	65.41	65.45								65.20	65.16		

Name of the subject : THREE DIMENSIONAL ANALYTICAL SOLID GEOMETRY											
SEMESTER-II											
Academic Year : 2021-2022											
DIRECT CO ATTAINMENT											
I - SESSIONAL MARKS (2021 - 22)						II - SESSIONAL MARKS (2021-22)					
S.No	Roll No	Total	S1	S2	S3	S.No	Roll No	Total	S1	S2	
1	210557101001	18	5	9	4	1	210557101001	12	4	8	
2	210557101002	20	5	10	5	2	210557101002	15	5	10	
3	210557101003	20	5	10	5	3	210557101003	15	5	10	
4	210557101004	20	5	10	5	4	210557101004	15	5	10	
5	210557101005	15	4	8	3	5	210557101005	12	5	7	
6	210557101006	19	5	10	4	6	210557101006	15	5	10	
7	210557101007	12	3	5	4	7	210557101007	8	2	6	
8	210557101008	16	4	9	3	8	210557101008	14	4	10	
9	210557101009	13	3	6	4	9	210557101009	8	3	5	
10	210557101010	20	5	10	5	10	210557101010	15	5	10	
11	210557101012	19	4	10	5	11	210557101012	15	5	10	
12	210557101013	18	5	8	5	12	210557101013	15	5	10	
13	210557101014	16	4	9	3	13	210557101014	13	4	9	

No. of students attempted the question (COUNT)	13	13	13		No. of students attempted the question (COUNT)	13	13
Total No. of marks obtained for the question (SUM)	57	114	55		Total No. of marks obtained for the question (SUM)	57	115
AVERAGE MARKS	4.38	8.77	4.23		AVERAGE MARKS	4.38	8.85
CO ATTAINMENT from I sessional	0.88	0.88	0.85		CO ATTAINMENT from II sessional	0.88	0.88

I Sessional CO Mapping	C01	C01				II Sessional CO Mapping	C01		
	C02		C02				C02		
	C03			C03			C03		
	C04						C04	C04	
	C05						C05		C05
	C06						C06		
I & II Sessional Exam CO Attainment		0.88	0	0	0.8800		0	0	
		0	0.88	0	0.8800		0	0	
		0	0	0.85	0.8500		0	0	
		0	0	0	0.8800		0.88	0	
		0	0	0	0.8800		0	0.88	

Final Direct CO Attainment = 30% of Sessional Exams + 60% of End Exam + 10% of (Quiz and Assignment) CO Attainment	C01	0.5821
	C02	0.5821
	C03	0.5776
	C04	0.5821
	C05	0.5821
	C06	0.0000

Quiz and Assignment Marks			END EXAMINATION MARKS				
S.No	Roll No	Quiz+Assignment+clean and green attendance	CODENO	GRADE	MARKS	O	95
1	210557101001	15	210557101001	B+	65	A+	85
2	210557101002	14	210557101002	F	20	A	75
3	210557101003	15	210557101003	B+	65	B+	65
4	210557101004	15	210557101004	A+	85	B	57.5
5	210557101005	15	210557101005	O	95	C	52.5
6	210557101006	15	210557101006	B	53	D	45
7	210557101007	11	210557101007	F	20	F	20
8	210557101008	14	210557101008	F	20	AB	-
9	210557101009	11	210557101009	F	20		
10	210557101010	14	210557101010	C	53		
12	210557101012	13	210557101012	C	53		
13	210557101013	14	210557101013	B	53		
14	210557101014	12	210557101014	F	20		

COUNT	13		COUNT	13
SUM	178		SUM	622
AVERAGE MARKS	13.69		AVERAGE MARKS	47.85
CO ATTAINMENT from Quiz & Assignment	0.9128		CO ATTAINMENT from End Exams	0.48

C01	0.5821
C02	0.5821
C03	0.5776
C04	0.5821
C05	0.5821
C06	0.0000

Quiz & Assignment CO Mapping		Mapped to all COs		End Exam CO Mapping	C01	C01	
					C02	C02	
					C03	C03	
					C04	C04	
					C05	C05	
					C06	C06	
				External CO Attainment	C01	0.48	0.4785
					C02	0.48	0.4785
					C03	0.48	0.4785
					C04	0.48	0.4785
					C05	0.48	0.4785
					C06	0.48	0.4785

NAME OF THE SUBJECT: MATHEMATICS	
Semester - II	
Academic Year : 2021-2022	
INDIRECT CO ATTAINMENT	
C01	Get the knowledge of planes.
C02	Basic idea of lines, sphere and cones
C03	Understand the properties of planes, lines, spheres and cones.
C04	Express the problems geometrically and then to get the solution.
C05	Understand the concept and apply appropriate methods for solving.

1	Little Extent
2	Moderate Extent
3	Good Extent
4	Great Extent

Grade Count	C01	C02	C03	C04	C05
1	1	2	4	1	1
2	4	3	2	2	4
3	4	4	3	5	2
4	4	4	4	5	6
Total	13	13	13	13	13
	71.15	69.23	63.46	76.92	75.00

CO	Indirect CO Attainment
C01	71.15
C02	69.23
C03	63.46
C04	76.92
C05	75.00

CO	DIRECT	INDIRECT	Total CO Attainment
C01	58.2128	71.15	59.51
C02	58.2128	69.23	59.31
C03	57.7628	63.46	58.33
C04	58.2128	76.92	60.08
C05	58.2128	75.00	59.89

Total CO Attainment = 90% of Direct CO Attainment + 10% of Indirect CO Attainment

Name of the subject : MATHEMATICS																
Semester - II																
Academic Year : 2021-2022																
DIRECT PO ATTAINMENT																
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO 1	3												3	2		
CO 2		3											2	3		
CO 3			3										3	3		
CO 4				3									1	1		
CO 5					3								3	3		

C01	P01,P02,P03,P04,P05	59.51
C02	P01,P02,P03,P04,P05	59.31
C03	P01,P02,P03,P04,P05	58.33
C04	P01,P02,P03,P04,P05	60.08
C05	P01,P02,P03,P04,P05	59.89

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	59.51	59.51	59.51	59.51	59.51								59.51	59.51		
CO2	59.31	59.31	59.31	59.31	59.31								59.31	59.31		
CO3	58.33	58.33	58.33	58.33	58.33								58.33	58.33		
CO4	60.08	60.08	60.08	60.08	60.08								60.08	60.08		
CO5	59.89	59.89	59.89	59.89	59.89								59.89	59.89		
PO Attainment	59.51	59.31	58.33	60.08	59.89								59.33	59.31		

Name of the subject : PHYSICS											
Semester - I											
Academic Year : 2021-2022											
DIRECT CO ATTAINMENT											
I - SESSIONAL MARKS (2021 - 22)						II - SESSIONAL MARKS (2021-22)					
S.No	Roll No	Total	S1	S2	S3	S.No	Roll No	Total	S1	S2	
1	210557101001	14	4	8	2	1	210557101001	10	3	7	
2	210557101002	18	4	10	4	2	210557101002	12	3	9	
3	210557101003	18	4	9	5	3	210557101003	14	4	10	
4	210557101004	19	5	9	5	4	210557101004	14	5	9	
5	210557101005	19	4	10	5	5	210557101005	15	5	10	
6	210557101006	18	3	10	5	6	210557101006	9	3	6	
7	210557101007	16	3	9	4	7	210557101007	14	5	9	
8	210557101008	20	5	10	5	8	210557101008	10	3	7	
9	210557101009	18	5	9	4	9	210557101009	10	4	6	
10	210557101010	19	5	10	4	10	210557101010	15	5	10	
11	210557101011	14	3	8	3	11	210557101011	10	5	5	
12	210557101012	17	4	8	5	12	210557101012	10	4	6	
13	210557101013	17	4	9	4	13	210557101013	10	2	8	
14	210557101014	15	3	9	3	14	210557101014	9	4	5	
No. of students attempted the question (COUNT)			14	14	14	No. of students attempted the question (COUNT)			14	14	
Total No. of marks obtained for the question (SUM)			56	128	58	Total No. of marks obtained for the question (SUM)			55	107	
AVERAGE MARKS			4.00	9.14	4.14	AVERAGE MARKS			3.93	7.64	
CO ATTAINMENT from I sessional			0.80	0.91	0.83	CO ATTAINMENT from II sessional			0.79	0.76	

I Sessional CO Mapping			C01	C01				II Sessional CO Mapping	C01		
			C02		C02				C02		
			C03			C03			C03	C03	
			C04						C04		C04
			C05						C05		
I & II Sessional Exam CO Attainment			0.80	0	0	0.8000			0	0	
			0	0.91	0	0.9100			0	0	
			0	0	0.83	0.8079			0.79	0	
			0	0	0	0.7643				0.76	
Final Direct CO Attainment = 30% of Sessional Exams + 60% of End Exam + 10% of (Quiz and Assignment) CO Attainment			C01	0.4525							
			C02	0.4690							
			C03	0.4537							
			C04	0.4471							

Quiz and Assignment Marks			END EXAMINATION MARKS					
S.No	Roll No	Quiz+Assignment+clean and green attendance		CODENO	GRADE	MARKS		O
1	210557101001	12		210557101001	F	20		A+
2	210557101002	9		210557101002	D	45		A
3	210557101003	9		210557101003	D	45		B+
4	210557101004	11		210557101004	B	58		B
5	210557101005	15		210557101005	A	75		C
6	210557101006	10		210557101006	C	53		D
7	210557101007	12		210557101007	F	20		F
8	210557101008	15		210557101008	F	20		AB
9	210557101009	10		210557101009	F	20		
10	210557101010	15		210557101010	F	20		
11	210557101011	13		210557101011	AB			
12	210557101012	13		210557101012	F	20		
13	210557101013	14		210557101013	F	20		
14	210557101014	12		210557101014	F	20		
COUNT		14		COUNT		13		
SUM		170		SUM		436		
AVERAGE MARKS		12.14		AVERAGE MARKS		33.54		
CO ATTAINMENT from Quiz & Assignment		0.8095		CO ATTAINMENT from End Exams		0.34		

Quiz & Assignment CO Mapping		Mapped to all COs		End Exam CO Mapping		
				C01	C01	
				C02	C02	
				C03	C03	
				C04	C04	
				C05	C05	
				C01	0.34	0.3354
				C02	0.34	0.3354
				C03	0.34	0.3354
				C04	0.34	0.3354

NAME OF THE SUBJECT: PHYSICS**Semester - I****Academic Year : 2021-2022****INDIRECT CO ATTAINMENT**

CO1	To understand basic theories related with properties of matter and its applications to determine values of various quantities associated with matter
CO2	Be able to know the properties of matter to explain natural physical processes and related technological advance.
CO3	To learn about fundamentals of verbal and mathematical concepts of waves and oscillations
CO4	We should make the students to know their skills required to get the information from the syllabus and use them in a proper way.

1	Little Extent
2	Moderate Extent
3	Good Extent
4	Great Extent

Grade Count	CO1	CO2	CO3	CO4
1	4	4	2	4
2	6	5	6	5
3	2	3	4	2
4	1	1	1	2
Total	13	13	13	13
	50.00	51.92	57.69	53.85

CO	Indirect CO Attainment
CO1	50.00
CO2	51.92
CO3	57.69
CO4	53.85

CO	DIRECT	INDIRECT	Total CO Attainment
CO1	45.2491	50.00	45.72
CO2	46.8991	51.92	47.40
CO3	45.3669	57.69	46.60
CO4	44.7134	53.85	45.63

Total CO Attainment = 90% of Direct CO Attainment + 10% of Indirect CO Attainment

Name of the subject : AUDITING		PHYSICS														
Semester -		I														
Academic Year : 2021-2022																
DIRECT PO ATTAINMENT																
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2												2	3		
CO2		3											3	2		
CO3			3										2	1		
CO4				3	2								3	3		

C01	P01,P02,P03,P04,P05	45.72
C02	P01,P02,P03,P04,P05	47.40
C03	P01,P02,P03,P04,P05	46.60
C04	P01,P02,P03,P04,P05	45.63

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	45.72	45.72	45.72	45.72	45.72								45.72	45.72		
CO2	47.40	47.40	47.40	47.40	47.40								47.40	47.40		
CO3	46.60	46.60	46.60	46.60	46.60								46.60	46.60		
CO4	45.63	45.63	45.63	45.63	45.63								45.63	45.63		
PO Attainme nt	45.72	47.40	46.60	45.63	45.63								46.37	46.16		

Name of the subject : PHYSICS											
Semester - II											
Academic Year : 2021-2022											
DIRECT CO ATTAINMENT											
I - SESSIONAL MARKS (2021 - 22)						II - SESSIONAL MARKS (2021-22)					
S.No	Roll No	Total	S1	S2	S3	S.No	Roll No	Total	S1	S2	
1	210557101001	15	4	8	3	1	210557101001	11	4	7	
2	210557101002	18	4	10	4	2	210557101002	12	3	9	
3	210557101003	18	4	9	5	3	210557101003	12	4	8	
4	210557101004	16	4	9	3	4	210557101004	14	5	9	
5	210557101005	19	4	10	5	5	210557101005	14	4	10	
6	210557101006	17	3	10	4	6	210557101006	12	3	9	
7	210557101007	14	3	8	3	7	210557101007	10	5	5	
8	210557101008	15	5	10	5	8	210557101008	10	3	7	
9	210557101009	13	3	7	3	9	210557101009	10	4	6	
10	210557101010	18	5	9	4	10	210557101010	14	4	10	
11	210557101012	16	4	8	4	11	210557101012	9	3	6	
12	210557101013	17	4	9	4	12	210557101013	14	4	10	
13	210557101014	14	3	8	3	13	210557101014	10	4	6	
No. of students attempted the question (COUNT)			13	13	13	No. of students attempted the question (COUNT)			14	14	
Total No. of marks obtained for the question (SUM)			50	115	50	Total No. of marks obtained for the question (SUM)			50	102	
AVERAGE MARKS			3.85	8.85	3.85	AVERAGE MARKS			3.57	7.29	
CO ATTAINMENT from I sessional			0.77	0.88	0.77	CO ATTAINMENT from II sessional			0.71	0.73	

I Sessional CO Mapping		C01	C01				II Sessional CO Mapping			C01		
		C02		C02						C02		
		C03			C03					C03	C03	
		C04								C04		C04
		C05								C05		
I & II Sessional Exam CO Attainment			0.77	0	0	0.7700				0	0	
			0	0.88	0	0.8800				0	0	
			0	0	0.77	0.7421				0.71	0	
			0	0	0	0.7286					0.73	
Final Direct CO Attainment = 30% of Sessional Exams + 60% of End Exam + 10% of (Quiz and Assignment) CO Attainment		C01	0.4966									
		C02	0.5131									
		C03	0.4924									
		C04	0.4903									

Quiz and Assignment Marks			END EXAMINATION MARKS					
S.No	Roll No	Quiz+Assignment+clean and green attendance		CODENO	GRADE	MARKS		O
1	210557101001	13		210557101001	C	53		95
2	210557101002	13		210557101002	F	20		A+
3	210557101003	14		210557101003	D	45		85
4	210557101004	15		210557101004	B+	65		A
5	210557101005	15		210557101005	B+	65		B+
6	210557101006	15		210557101006	A	75		B
7	210557101007	9		210557101007	F	20		C
8	210557101008	12		210557101008	F	20		D
9	210557101009	11		210557101009	F	20		F
10	210557101010	12		210557101010	F	20		AB
11	210557101012	13		210557101012	D	45		-
12	210557101013	14		210557101013	C	53		
13	210557101014	13		210557101014	F	20		

COUNT	14		COUNT	13
SUM	169		SUM	521
AVERAGE MARKS	12.07		AVERAGE MARKS	40.08
CO ATTAINMENT from Quiz & Assignment	0.8048		CO ATTAINMENT from End Exams	0.40

Quiz & Assignment CO Mapping		Mapped to all COs		End Exam CO Mapping		C01	C01	
						C02	C02	
						C03	C03	
						C04	C04	
						C05	C05	
				External CO Attainment		C01	0.40	0.4008
						C02	0.40	0.4008
						C03	0.40	0.4008
						C04	0.40	0.4008

NAME OF THE SUBJECT:PHYSICS

Semester - II

Academic Year : 2021-2022

INDIRECT CO ATTAINMENT

C01	Understand the nature of light and principles of Laser and holography
C02	Analyze the intensity variation of light due to interference, diffraction and polarization
C03	Solve problems in Optics by selecting the appropriate equations and performing numerical or analytical calculations
C04	Students are able to operate optical devices including polarizers, interferometers, and Lasers.

1	Little Extent
2	Moderate Extent
3	Good Extent
4	Great Extent

Grade Count	C01	C02	C03	C04
1	3	2	3	2
2	2	4	4	4
3	4	4	3	4
4	4	3	3	3
Total	13	13	13	13
	67.31	65.38	61.54	65.38

CO	Indirect CO Attainment
C01	67.31
C02	65.38
C03	61.54
C04	65.38

CO	DIRECT	INDIRECT	Total CO Attainment
C01	49.6553	67.31	51.42
C02	51.3053	65.38	52.71
C03	49.2375	61.54	50.47
C04	49.0339	65.38	50.67

**Total CO Attainment = 90% of Direct CO
Attainment + 10% of Indirect CO
Attainment**

Name of the subject : AUDITING		PHYSICS														
Semester -		II														
Academic Year : 2021-2022																
DIRECT PO ATTAINMENT																
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3												3	2		
CO2		3											2	3		
CO3			2										2	3		
CO4				2	3								3	2		

C01	P01,P02,P03,P04,P05	51.42
C02	P01,P02,P03,P04,P05	52.71
C03	P01,P02,P03,P04,P05	50.47
C04	P01,P02,P03,P04,P05	50.67

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	51.42	51.42	51.42	51.42	51.42								51.42	51.42		
CO2	52.71	52.71	52.71	52.71	52.71								52.71	52.71		
CO3	50.47	50.47	50.47	50.47	50.47								50.47	50.47		
CO4	50.67	50.67	50.67	50.67	50.67								50.67	50.67		
PO Attainme nt	51.42	52.71	50.47	50.67	50.67								51.26	51.37		

Name of the subject : TELUGU										
Semester - I										
Academic Year : 2021-2022										
DIRECT CO ATTAINMENT										
I - SESSIONAL MARKS (2021 - 22)						II - SESSIONAL MARKS (2021-22)				
S.No	Roll No	Total	S1	S2	S3	S.No	Roll No	Total	S1	S2
1	210557101001					1	210557101001			
2	210557101002	16	4	8	4	2	210557101002	13	4	9
3	210557101003	19	4	10	5	3	210557101003	14	5	9
4	210557101004	18	5	9	4	4	210557101004	15	5	10
5	210557101005	17	4	8	5	5	210557101005	14	4	10
6	210557101006	20	5	10	5	6	210557101006	15	5	10
7	210557101007	10	2	6	2	7	210557101007	11	4	7
8	210557101008	15	3	9	3	8	210557101008	10	3	7
9	210557101009	16	3	9	4	9	210557101009	11	4	7
10	210557101010	15	3	8	4	10	210557101010	10	3	7
11	210557101011	18	4	10	4	11	210557101011	14	4	10
12	210557101012	16	4	8	4	12	210557101012	11	4	7
13	210557101013	14	4	6	4	13	210557101013	12	4	8
14	210557101014	18	4	10	4	14	210557101014	13	4	9

No. of students attempted the question (COUNT)	13	13	13		No. of students attempted the question (COUNT)	13	13
Total No. of marks obtained for the question (SUM)	49	111	52		Total No. of marks obtained for the question (SUM)	53	110
AVERAGE MARKS	3.77	8.54	4.00		AVERAGE MARKS	4.08	8.46
CO ATTAINMENT from I sessional	0.75	0.85	0.80		CO ATTAINMENT from II sessional	0.82	0.85

I Sessional CO Mapping			C01	C01				II Sessional CO Mapping	C01	
			C02		C02				C02	
			C03			C03			C03	
			C04						C04	C04
			C05						C05	
			C06						C06	
I & II Sessional Exam CO Attainment			0.77	0	0	0.7700				0
			0	0.90	0	0.9000				0
			0	0	0.77	0.7700				0
			0	0	0	0.8400				0.84
			0	0	0	0.8500				0
Final Direct CO Attainment = 30% of Sessional Exams + 60% of End Exam + 10% of (Quiz and Assignment) CO Attainment			C01	0.6581						
			C02	0.6776						
			C03	0.6581						
			C04	0.6686						
			C05	0.6701						
			C06	0.0000						

Quiz and Assignment Marks				END EXAMINATION MARKS					
S.No	Roll No	Quiz+Assignment+clean and green attendance		CODENO	GRADE	MARKS		O	95
1	210557101001			210557101001				A+	85
2	210557101002	13		210557101002	B+	65		A	75
3	210557101003	15		210557101003	A	75		B+	65
4	210557101004	15		210557101004	B+	65		B	57.5
5	210557101005	15		210557101005	A+	85		C	52.5
6	210557101006	15		210557101006	A+	85		D	45
7	210557101007	9		210557101007	F	20		F	20
8	210557101008	15		210557101008	B+	65		AB	-
9	210557101009	15		210557101009	F	20			
10	210557101010	15		210557101010	B+	65			
11	210557101011	15		210557101011	A	75			
12	210557101012	15		210557101012	C	53			
13	210557101013	15		210557101013	B	58			
14	210557101014	13		210557101014	D	45			
COUNT		13		COUNT		13			
SUM		185		SUM		776			
AVERAGE MARKS		14.23		AVERAGE MARKS		59.69			
CO ATTAINMENT from Quiz & Assignment		0.9487		CO ATTAINMENT from End Exams		0.60			
Quiz & Assignment CO Mapping		Mapped to all COs		End Exam CO Mapping	C01	C01			
					C02	C02			
					C03	C03			
					C04	C04			
					C05	C05			
					C06	C06			
				External CO Attainment	C01	0.60	0.5969		
					C02	0.60	0.5969		
					C03	0.60	0.5969		
					C04	0.60	0.5969		
					C05	0.60	0.5969		
					C06	0.60	0.5969		

NAME OF THE SUBJECT:TELUGU							
Semester - I							
Academic Year : 2021-2022							
INDIRECT CO ATTAINMENT							
C01							
C02							
C03							
C04							
C05							
1	Little Extent						
2	Moderate Extent						
3	Good Extent						
4	Great Extent						

CO	Indirect CO Attainment
C01	78.85
C02	80.77
C03	76.92
C04	84.62
C05	82.69

CO	DIRECT	INDIRECT	Total CO Attainment
C01	65.8064	78.85	67.11
C02	67.7564	80.77	69.06
C03	65.8064	76.92	66.92
C04	66.8564	84.62	68.63
C05	67.0064	82.69	68.58

Total CO Attainment = 90% of Direct CO Attainment + 10% of Indirect CO Attainment

Grade Count	C01	C02	C03	C04	C05
1	1	1	2	0	1
2	3	2	1	1	1
3	2	3	4	6	4
4	7	7	6	6	7
Total	13	13	13	13	13
	78.85	80.77	76.92	84.62	82.69

Name of the subject :		TELUGU														
Semester -		I														
Academic Year : 2021-2022																
DIRECT PO ATTAINMENT																
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3												3	3		
CO2		3											2	3		
CO3			3										1	2		
CO				3									2	1		
CO5					3								3	3		

C01	P01,P02,P03,P04,P05	67.11
C02	P01,P02,P03,P04,P05	69.06
C03	P01,P02,P03,P04,P05	66.92
C04	P01,P02,P03,P04,P05	68.63
C05	P01,P02,P03,P04,P05	68.58

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	67.11	67.11	67.11	67.11	67.11								67.11	67.11		
CO2	69.06	69.06	69.06	69.06	69.06								69.06	69.06		
CO3	66.92	66.92	66.92	66.92	66.92								66.92	66.92		
CO4	68.63	68.63	68.63	68.63	68.63								68.63	68.63		
CO5	68.58	68.58	68.58	68.58	68.58								68.58	68.58		
PO Attainment	67.11	69.06	66.92	68.63	68.58								68.12	68.06		

Name of the subject : TELUGU											
Semester - II											
Academic Year : 2021-2022											
DIRECT CO ATTAINMENT											
I - SESSIONAL MARKS (2021 - 22)						II - SESSIONAL MARKS (2021-22)					
S.No	Roll No	Total	S1	S2	S3	S.No	Roll No	Total	S1	S2	
1	210557101001					1	210557101001				
2	210557101002	16	4	8	4	2	210557101002	13	4	9	
3	210557101003	19	4	10	5	3	210557101003	14	5	9	
4	210557101004	18	5	9	4	4	210557101004	15	5	10	
5	210557101005	17	4	8	5	5	210557101005	14	4	10	
6	210557101006	20	5	10	5	6	210557101006	15	5	10	
7	210557101007	10	2	6	2	7	210557101007	11	4	7	
8	210557101008	15	3	9	3	8	210557101008	10	3	7	
9	210557101009	16	3	9	4	9	210557101009	11	4	7	
10	210557101010	15	3	8	4	10	210557101010	10	3	7	
11	210557101012	16	4	8	4	11	210557101012	11	4	7	
12	210557101013	14	4	6	4	12	210557101013	12	4	8	
13	210557101014	18	4	10	4	13	210557101014	13	4	9	

No. of students attempted the question (COUNT)	12	12	12		No. of students attempted the question (COUNT)	12	12
Total No. of marks obtained for the question (SUM)	45	101	48		Total No. of marks obtained for the question (SUM)	49	100
AVERAGE MARKS	3.75	8.42	4.00		AVERAGE MARKS	4.08	8.33
CO ATTAINMENT from I sessional	0.75	0.84	0.80		CO ATTAINMENT from II sessional	0.82	0.83

I Sessional CO Mapping			C01	C01					II Sessional CO Mapping			C01		
			C02		C02			C02						
			C03			C03		C03						
			C04					C04				C04		
			C05					C05					C05	
			C06					C06						
I & II Sessional Exam CO Attainment			0.77	0	0	0.7700			0	0				
			0	0.90	0	0.9000			0	0				
			0	0	0.77	0.7700			0	0				
			0	0	0	0.8400			0.84	0				
			0	0	0	0.8500			0	0.85				
Final Direct CO Attainment = 30% of Sessional Exams + 60% of End Exam + 10% of (Quiz and Assignment) CO Attainment			C01	0.6294										
			C02	0.6489										
			C03	0.6294										
			C04	0.6399										
			C05	0.6414										
			C06	0.0000										

Quiz and Assignment Marks			END EXAMINATION MARKS					
S.No	Roll No	Quiz+Assignment+clean and green attendance		CODENO	GRADE	MARKS	O	95
1	210557101001			210557101001			A+	85
2	210557101002	13		210557101002	B	58	A	75
3	210557101003	15		210557101003	B+	65	B+	65
4	210557101004	15		210557101004	B+	65	B	57.5
5	210557101005	15		210557101005	B+	65	C	52.5
6	210557101006	15		210557101006	B+	65	D	45
7	210557101007	9		210557101007	A	75	F	20
8	210557101008	15		210557101008	F	20	AB	-
9	210557101009	15		210557101009	B	58		
10	210557101010	15		210557101010	F	20		
11	210557101012	15		210557101012	B+	65		
12	210557101013	14		210557101013	B	58		
13	210557101014	13		210557101014	B	58		

COUNT	12		COUNT	12
SUM	169		SUM	672
AVERAGE MARKS	14.08		AVERAGE MARKS	56.00
CO ATTAINMENT from Quiz & Assignment	0.9389		CO ATTAINMENT from End Exams	0.56

Quiz & Assignment CO Mapping	Mapped to all COs	End Exam CO Mapping	C01	C01	
			C02	C02	
			C03	C03	
			C04	C04	
			C05	C05	
			C06	C06	
		External CO Attainment	C01	0.56	0.5600
			C02	0.56	0.5600
			C03	0.56	0.5600
			C04	0.56	0.5600
			C05	0.56	0.5600
			C06	0.56	0.5600

NAME OF THE SUBJECT:TELUGU							
Semester - II							
Academic Year : 2021-2022							
INDIRECT CO ATTAINMENT							
C01							
C02							
C03							
C04							
C05							
1	Little Extent						
2	Moderate Extent						
3	Good Extent						
4	Great Extent						

CO	Indirect CO Attainment
C01	60.42
C02	66.67
C03	58.33
C04	62.50
C05	66.67

CO	DIRECT	INDIRECT	Total CO Attainment
C01	62.9389	60.42	62.69
C02	64.8889	66.67	65.07
C03	62.9389	58.33	62.48
C04	63.9889	62.50	63.84
C05	64.1389	66.67	64.39

Total CO Attainment = 90% of Direct CO
Attainment + 10% of Indirect CO
Attainment

Grade Count	C01	C02	C03	C04	C05
1	3	2	3	2	2
2	3	3	4	4	3
3	4	4	3	4	4
4	2	3	2	2	3
Total	12	12	12	12	12
	60.42	66.67	58.33	62.50	66.67

Name of the subject :	TELUGU															
Semester -	II															
Academic Year : 2021-2022																
DIRECT PO ATTAINMENT																
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3												3	3		
CO2		3											2	3		
CO3			3										1	3		
CO4				3									3	2		
CO5					3								3	3		

C01	P01,P02,P03,P04,P05	62.69
C02	P01,P02,P03,P04,P05	65.07
C03	P01,P02,P03,P04,P05	62.48
C04	P01,P02,P03,P04,P05	63.84
C05	P01,P02,P03,P04,P05	64.39

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	62.69	62.69	62.69	62.69	62.69								62.69	62.69		
CO2	65.07	65.07	65.07	65.07	65.07								65.07	65.07		
CO3	62.48	62.48	62.48	62.48	62.48								62.48	62.48		
CO4	63.84	63.84	63.84	63.84	63.84								63.84	63.84		
CO5	64.39	64.39	64.39	64.39	64.39								64.39	64.39		
PO Attainment	62.69	65.07	62.48	63.84	64.39								63.78	63.68		

