



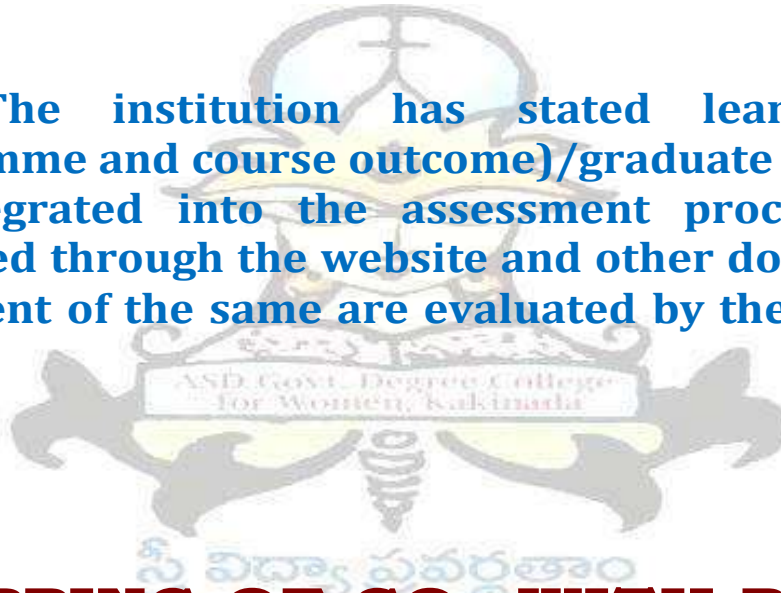
A.S.D. Government Degree College for Women **An Autonomous Institution**

Jagannaickpur, Kakinada, Andhra Pradesh-533002
Affiliated to Adikavi Nannaya University, Rajamahendravaram



INTERNAL QUALITY ASSURANCE CELL

2.6.1. The institution has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the institution.



MAPPING OF COs WITH POs **AND** **OUTCOME ATTAINMENTS** **FOR ALL PROGRAMMES** **(2019-20 Admitted Batch)**

A.S.D GOVT DEGREE COLLEGE FOR WOMEN (A)

(Re-Accredited by NAAC with 'B')

KAKINADA 533002 EASTGODAVARI, ANDHRA PRADESH

DEPARTMENT OF BOTANY 2019-2020

Paper-1 Microbial Diversity, Algae and Fungi

(1: Slight [Low]; 2: Moderate [Medium]; 3: Substantial [High], '-'/0: No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	1	2	1	2	2	2
CO2	1	2	1	2	2	2
CO3	2	2	2	2	2	2
CO4	2	2	2	2	2	2
CO5	2	1	2	1	2	2
Average	1.6	1.8	1.6	1.8	2	2

Paper-2 Diversity of Archaeogoniatas and Anatomy

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	2	2	2	2	2
CO2	2	2	2	2	2	2
CO3	2	2	1	1	2	2
CO4	2	2	2	2	2	2
CO5	1	1	1	1	2	2
Average	1.8	1.8	1.6	1.6	2	2

Paper-3 Plant Taxonomy and Embryology

(1: Slight [Low]; 2: Moderate [Medium]; 3: Substantial [High], '-'/0:No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	1	2	3	1	1
CO2	2	1	2	3	2	2
CO3	2	1	2	2	2	2
CO4	2	1	2	2	2	2
CO5	2	2	3	2	3	3
Average	2	1.3	2.2	2.4	2	2

Paper-4 Plant Physiology and Metabolism

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	2	2	3	2	2
CO2	2	1	2	3	2	2
CO3	1	1	2	3	2	2
CO4	2	1	2	3	2	2
CO5	2	1	2	2	2	2
Average	1.8	1.3	2	2.8	2	2

Paper-5 Cell Biology, Genetics & Plant breeding

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	1	1	1	2	2	2
CO2	1	1	1	2	1	2
CO3	2	1	2	3	2	3
CO4	2	1	2	3	2	3
CO5	2	2	2	2	3	3
Average	1.6	1.3	1.6	2.6	2	2.6

Paper-6 Plant Ecology & Phytogeography

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	1	1	2	2	2	2
CO2	1	1	1	2	2	2
CO3	2	1	2	3	3	3
CO4	2	1	2	3	3	3
CO5	2	2	2	2	2	3
Average	1.6	1.3	1.8	2.6	2.4	2.6

Paper- 7A Nursery Gardening and Floriculture

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	1	1	2	1	1	1
CO2	1	1	1	2	1	1
CO3	1	2	1	1	2	1
CO4	2	2	1	2	2	2
CO5	2	1	2	2	2	2
Average	1.4	1.4	1.4	1.6	1.6	1.4

Paper VIII- A 1 Plant Diversity and Human Welfare

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	1	1	2	2	2	2
CO2	2	2	2	1	2	2
CO3	2	2	3	2	1	3
CO4	2	2	2	1	2	2
CO5	1	1	1	2	1	2
Average	1.6	1.6	2	1.6	1.6	2.2

Paper VIII- A 2 Ethnobotany and Medicinal Botany

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	1	2	2	1	2	2
CO2	2	2	2	2	1	1
CO3	2	1	2	1	2	2
CO4	2	2	3	2	2	2
CO5	1	2	2	2	1	1
Average	1.6	1.8	2.2	1.6	1.6	1.6

Paper VIII- A3 Pharmacognasy and Phyto chemistry

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	1	2	3	1	1
CO2	1	2	2	2	2	2
CO3	1	1	2	2	2	2
CO4	2	2	1	2	2	2
CO5	2	1	2	1	2	2
Average	1.6	1.4	1.8	2	1.8	1.8

Courses	No of students attended	No of students attained			CO_CCAA	CO_MSA	CO_FA
		CCAA(≥ 7)	MSA(≥ 8)	FA(≥ 26)			
	(1)	(2)	(3)	(4)	(2)/(1)	(3)/(1)	(4)/(1)
Paper – 1 Microbial diversity Algae & Fungi	CBZ 46	46	36	39	46/46=1	36/46 =0.78	39/46 =0.84
	CBMB- 21	21	16	17	21/21=1	16/21 =0.76	17/21 =0.80
Paper – 2 Diversity of Archegoniate & Plant anatomy	CBZ 44	44	39	37	44/44 =1	39/44 =0.88	37/44 =0.84
	CBMB- 21	21	17	19	21/21=1	17/21=0.80	19/21=0.90
Paper- 3 Plant Taxonomy & Embryology	CBZ 42	42	35	40	42/42=1	35/42=0.83	40/42=0.95
	CBMB- 19	19	13	17	19/19=1	13/19=0.68	17/19=0.89
Paper- 4 Plant Physiology & Metabolism	CBZ 40	40	32	37	40/40=1	32/40=0.8	37/40=0.92
	CBMB- 19	19	15	19	19/19=1	15/19=0.78	19/19=1
	CBZ 40	40	39	40	40/40=1	39/40=0.97	40/40=1

Paper- 5 Cell Biology Genetics & Plant Breeding	CBMB- 19	19	18	18	19/19=1	18/19=0.94	18/19=0.94
Paper-6 Plant Ecology & Phytogeography	CBZ 40	40	39	40	40/40=1	39/40=0.97	40/40=1
	CBMB- 19	19	18	19	19/19=1	18/19=0.94	19/19=1
Paper-7 Nursery,Gardening& Floriculture	CBZ 40	40	39	40	40/40=1	39/40=0.97	40/40=1
	CBMB- 19	19	19	19	19/19=1	19/19=1	19/19=1
Paper VIII- A 1 Plant Diversity and Human Welfare	CBZ 10	10	10	10	10/10=1	10/10=1	10/10=1
	CBMB- 4	4	4	4	4/4=1	4/4=1	4/4=1
Paper VIII- A 2 Ethnobotany and Medicinal Botany	CBZ - 10	10	10	10	10/10=1	10/10=1	10/10=1
	CBMB- 4	4	3	4	4/4=1	3/4=0.75	4/4=1
Paper VIII- A3 Pharmacognasy and Phyto chemistry	CBZ - 10	10	10	10	10/10=1	10/10=1	10/10=1
	CBMB- - 4	4	3	4	4/4=1	3/4=0.75	4/4=1

I B.Sc CBZ Paper- I &II CCAA Assessment Attainment

PO's	Botany Paper I	PO Attainment	Weighed product	Botany Paper-II	PO Attainment	Weighed product
PO1	1.6	1	1.6	1.8	1	1.8
PO2	1.8	1	1.8	1.8	1	1.8
PO3	1.6	1	1.6	1.6	1	1.6
PO4	1.8	1	1.8	1.6	1	1.6
PO5	2	1	2	2	1	2
PO6	2	1	2	2	1	2

I B.Sc CBZ Paper- I &II MSA(IA) Attainment

PO's	Botany Paper I	PO Attainment	Weighed product	Botany Paper-II	PO Attainment	Weighed product
PO1	1.6	0.78	1.24	1.8	0.88	1.584
PO2	1.8	0.78	1.40	1.8	0.88	1.584
PO3	1.6	0.78	1.24	1.6	0.88	1.40
PO4	1.8	0.78	1.40	1.6	0.88	1.40
PO5	2	0.78	1.56	2	0.88	1.76
PO6	2	0.78	1.56	2	0.88	1.76

I B.Sc CBZ Paper- I &II FA Attainment

PO's	Botany Paper I	PO Attainment	Weighed product	Botany Paper-II	PO Attainment	Weighed product
PO1	1.6	0.84	1.34	1.8	0.84	1.51
PO2	1.8	0.84	1.51	1.8	0.84	1.51
PO3	1.6	0.84	1.34	1.6	0.84	1.34
PO4	1.8	0.84	1.51	1.6	0.84	1.34
PO5	2	0.84	1.68	2	0.84	1.68
PO6	2	0.84	1.68	2	0.84	1.68

II B.ScCBZ Paper- III &IV CCAA Attainment

PO's	Botany Paper III	PO Attainment	Weighed product	Botany Paper-IV	PO Attainment	Weighed product
PO1	2	1	2	1.8	1	1.8
PO2	1.3	1	1.3	1.3	1	1.3
PO3	2.2	1	2.2	2	1	2
PO4	2.4	1	2.4	2.8	1	2.8
PO5	2	1	2	2	1	2
PO6	2	1	2	2	1	2

II B.ScCBZ Paper- III &IV MSA(IA) Attainment

PO's	Botany Paper III	PO Attainment	Weighed product	Botany Paper-IV	PO Attainment	Weighed product
PO1	2	0.83	1.66	1.8	0.8	1.44
PO2	1.3	0.83	1.07	1.3	0.8	1.04
PO3	2.2	0.83	1.82	2	0.8	1.6
PO4	2.4	0.83	1.99	2.8	0.8	2.24
PO5	2	0.83	1.66	2	0.8	1.6
PO6	2	0.83	1.66	2	0.8	1.6

II B.Sc CBZ Paper- III &IV FA Attainment

PO's	Botany Paper III	PO Attainment	Weighed product	Botany Paper-IV	PO Attainment	Weighed product
PO1	2	0.95	1.9	1.8	0.92	1.65
PO2	1.3	0.95	1.2	1.3	0.92	1.19
PO3	2.2	0.95	2.09	2	0.92	1.84
PO4	2.4	0.95	2.28	2.8	0.92	2.57
PO5	2	0.95	1.9	2	0.92	1.84
PO6	2	0.95	1.9	2	0.92	1.84

III B.Sc CBZ Paper V &VI CCAA Attainment

PO's	Botany Paper V	PO Attainment	Weighed product	Botany Paper-VI	PO Attainment	Weighed product
PO1	1.6	1	1.6	1.6	1	1.6
PO2	1.3	1	1.3	1.3	1	1.3
PO3	1.6	1	1.6	1.8	1	1.8
PO4	2.6	1	2.6	2.6	1	2.6
PO5	2	1	2	2.4	1	2.4
PO6	2.6	1	2.6	2.6	1	2.6

III B.Sc CBZ Paper V &VI MSA(IA) Attainment

PO's	Botany Paper V	PO Attainment	Weighed product	Botany Paper-VI	PO Attainment	Weighed product
PO1	1.6	0.97	1.55	1.6	0.97	1.5
PO2	1.3	0.97	1.26	1.3	0.97	1.2
PO3	1.6	0.97	1.55	1.8	0.97	1.7
PO4	2.6	0.97	2.52	2.6	0.97	2.5
PO5	2	0.97	1.94	2.4	0.97	2.3
PO6	2.6	0.97	2.52	2.6	0.97	2.52

III B.ScCBZ Paper V &VI FA Attainment

PO's	Botany Paper V	PO Attainment	Weighed product	Botany Paper-VI	PO Attainment	Weighed product
PO1	1.6	1	1.6	1.6	1	1.6
PO2	1.3	1	1.3	1.3	1	1.3
PO3	1.6	1	1.6	1.8	1	1.8
PO4	2.6	1	2.6	2.6	1	2.6
PO5	2	1	2	2.4	1	2.4
PO6	2.6	1	2.6	2.6	1	2.6

B.Sc CBZ Paper VII B, VIII C1,VIIC2 & VIII C3 CCAA Attainment

PO's	Botany Paper VII A	PO Attainment	Weighed product	Botany Paper-VIIIA1	PO Attainment	Weighed product	Botany Paper VIIIA2	PO Attainment	Weighed product	Botany Paper-VIIIA3	PO Attainment
PO1	1.4	1	1.4	1.6	1	1.6	1.6	1	1.6	1.6	1
PO2	1.4	1	1.4	1.6	1	1.6	1.8	1	1.8	1.4	1
PO3	1.4	1	1.4	2	1	2	2.2	1	2.2	1.8	1
PO4	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	2	1
PO5	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	1.8	1
PO6	1.4	1	1.4	2.2	1	2.2	1.6	1	1.6	1.8	1

III B.Sc CBZ Paper VII B, VIII C1,VIIC2 & VIII C3 MSA(IA) Attainment

PO's	Botany Paper VII A	PO Attainment	Weighed product	Botany Paper - VIIIA 1	PO Attainment	Weighed product	Botany Paper VIIIA 2	PO Attainment	Weighed product	Botany Paper-VIIIA3	PO Attainment	Weighed product
PO1	1.4	0.97	1.35	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6
PO2	1.4	0.97	1.35	1.6	1	1.6	1.8	1	1.8	1.4	1	1.4
PO3	1.4	0.97	1.35	2	1	2	2.2	1	2.2	1.8	1	1.8
PO4	1.6	0.97	1.55	1.6	1	1.6	1.6	1	1.6	2	1	2
PO5	1.6	0.97	1.55	1.6	1	1.6	1.6	1	1.6	1.8	1	1.8
PO6	1.4	0.97	1.35	2.2	1	2.2	1.6	1	1.6	1.8	1	1.8

III B.Sc CBZ Paper VII B, VIII C1, VIIC2 & VIII C3 FA Attainment

PO's	Bota ny Pap er VII A	PO Attai nmen t	Weig hed prod uct	Botan y Paper - VIII A 1	PO Attai nme nt	Weig hed prod uct	Botan y Paper VIII A 2	PO Att ain me nt	Weigh ed produ ct	Bota ny Pape r- VIII A3	PO Attai nmen t	Weigh ed produ ct
PO1	1.4	1	1.4	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6
PO2	1.4	1	1.4	1.6	1	1.6	1.8	1	1.8	1.4	1	1.4
PO3	1.4	1	1.4	2	1	2	2.2	1	2.2	1.8	1	1.8
PO4	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	2	1	2
PO5	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	1.8	1	1.8
PO6	1.4	1	1.4	2.2	1	2.2	1.6	1	1.6	1.8	1	1.8

B.Sc CBZ TM & EM SEM-VI M

POs	Chem Paper VIIB	PO Attainment	Weighted product	Chem Paper-VIII C1	PO Attainment	Weighted product	Chem Paper-VIII C2	PO Attainment	Weighted product	Chem Paper-VIII C3	PO Attainment	Weighted product	Zoo VII	PO Attainment	Weighted product	Zoo VIII B1	PO Attainment	Weighted product	Zoo VIII B2
PO1	1.5	0.95	1.425	2.5	1	2.5	2.75	1	2.75	1.75	0.667	1.167	1.4	0.675	0.945	1.8	0.703	1.265	1.8
PO2	2.25	0.95	2.138	1	1	1	0.75	1	0.75	2.25	0.667	1.501	1.6	0.675	1.08	1.4	0.703	0.984	1.2
PO3	0.75	0.95	0.713	2.5	1	2.5	2	1	2	2.5	0.667	1.668	1	0.675	0.675	1.8	0.703	1.265	1.6
PO4	0.25	0.95	0.238	2.25	1	2.25	2.75	1	2.75	2.25	0.667	1.501	1.4	0.675	0.945	1.2	0.703	0.844	1.2
PO5	2	0.95	1.9	3	1	3	3	1	3	2.25	0.667	1.501	3	0.675	2.025	3	0.703	2.109	3
PO6	1.75	0.95	1.663	1.75	1	1.75	2	1	2	2.25	0.667	1.501	1.2	0.675	0.81	1.4	0.703	0.984	1

B.Sc CBZ TM & EM SEM-VI C

POs	Chem Paper VIIB	PO Attainment	Weighted product	Chem Paper-VIII C1	PO Attainment	Weighted product	Chem Paper-VIII C2	PO Attainment	Weighted product	Chem Paper-VIII C3	PO Attainment	Weighted product	Zoo VII	PO Attainment	Weighted product	Zoo VIII B1	PO Attainment	Weighted product	Zoo VIII B2
PO1	1.5	1	1.5	2.5	1	2.5	2.75	1	2.75	1.75	1	1.75	1.4	1	1.4	1.8	1	1.8	1.8
PO2	2.25	1	2.25	1	1	1	0.75	1	0.75	2.25	1	2.25	1.6	1	1.6	1.4	1	1.4	1.2
PO3	0.75	1	0.75	2.5	1	2.5	2	1	2	2.5	1	2.5	1	1	1	1.8	1	1.8	1.6
PO4	0.25	1	0.25	2.25	1	2.25	2.75	1	2.75	2.25	1	2.25	1.4	1	1.4	1.2	1	1.2	1.2
PO5	2	1	2	3	1	3	3	1	3	2.25	1	2.25	3	1	3	3	1	3	3
PO6	1.75	1	1.75	1.75	1	1.75	2	1	2	2.25	1	2.25	1.2	1	1.2	1.4	1	1.4	1

B.Sc CBZ TM & EM SEM-VI

POs	Chem Paper VIIB	PO Attainment	Weighted product	Chem Paper-VIII C1	PO Attainment	Weighted product	Chem Paper-VIII C2	PO Attainment	Weighted product	Chem Paper-VIII C3	PO Attainment	Weighted product	Zoo VII	PO Attainment	Weighted product	Zoo VIII B1	PO Attainment	Weighted product	Zoo VIII B2
PO1	1.5	1	1.5	2.5	1	2.5	2.75	1	2.75	1.75	1	1.75	1.4	1	1.4	1.8	1	1.8	1.8
PO2	2.25	1	2.25	1	1	1	0.75	1	0.75	2.25	1	2.25	1.6	1	1.6	1.4	1	1.4	1.2
PO3	0.75	1	0.75	2.5	1	2.5	2	1	2	2.5	1	2.5	1	1	1	1.8	1	1.8	1.6
PO4	0.25	1	0.25	2.25	1	2.25	2.75	1	2.75	2.25	1	2.25	1.4	1	1.4	1.2	1	1.2	1.2
PO5	2	1	2	3	1	3	3	1	3	2.25	1	2.25	3	1	3	3	1	3	3
PO6	1.75	1	1.75	1.75	1	1.75	2	1	2	2.25	1	2.25	1.2	1	1.2	1.4	1	1.4	1

B.Sc CBZ TM & EM SEM-V MSA(IA) Assessment Attainment

POs	Chem Paper V	PO Attainment	Weighted product	Chem Paper-VI	PO Attainment	Weighted product	Zoo V	PO Attainment	Weighted product	Zoo VI	PO Attainment	Weighted product	Bot Paper-V	PO Attainment	Weighted product	Bot Paper-VI	PO Attainment	Weighted product	Weighted Sum of Pos
PO1	1.5	0.7	1.05	2.5	0.88	2.19	1.6	0.6	0.96	2	0.9	1.8	1.6	0.97	1.55	1.6	0.97	1.5	11
PO2	2.25	0.7	1.575	2.75	0.88	2.41	1	0.6	0.6	1.6	0.9	1.44	1.3	0.97	1.26	1.3	0.97	1.2	10
PO3	0.75	0.7	0.525	2.25	0.88	1.97	0.8	0.6	0.48	1.4	0.9	1.26	1.6	0.97	1.55	1.8	0.97	1.7	8.6
PO4	0.25	0.7	0.175	1.5	0.88	1.31	1.2	0.6	0.72	1.4	0.9	1.26	2.6	0.97	2.52	2.6	0.97	2.5	9.6
PO5	2	0.7	1.4	1.5	0.88	1.31	3	0.6	1.8	3	0.9	2.7	2	0.97	1.94	2.4	0.97	2.3	14

PO6	1.75	0.7	1.225	2	0.88	1.75	1.4	0.6	0.84	2	0.9	1.8	2.6	0.97	2.52	2.6	0.97	2.52	12	
B.Sc CBZ TM & EM SEM-V CCAA Assessment Attainment																				
POs	Chem Paper V	PO Attainment	Weighted product	Chem Paper-VI	PO Attainment	Weighted product	Zoo V	PO Attainment	Weighted product	Zoo VI	PO Attainment	Weighted product	Bot Paper-V	PO Attainment	Weighted product	Bot Paper VI	PO Attainment	Weighted product	Weighted product	Weighted Sum of Pos
PO1	1.5	1	1.5	2.5	1	2.5	1.6	1	1.6	2	1	2	1.6	1	1.6	1.6	1	1.6	11	
PO2	2.25	1	2.25	2.75	1	2.75	1	1	1	1.6	1	1.6	1.3	1	1.3	1.3	1	1.3	10	
PO3	0.75	1	0.75	2.25	1	2.25	0.8	1	0.8	1.4	1	1.4	1.6	1	1.6	1.8	1	1.8	8.6	
PO4	0.25	1	0.25	1.5	1	1.5	1.2	1	1.2	1.4	1	1.4	2.6	1	2.6	2.6	1	2.6	9.6	
PO5	2	1	2	1.5	1	1.5	3	1	3	3	1	3	2	1	2	2.4	1	2.4	14	
PO6	1.75	1	1.75	2	1	2	1.4	1	1.4	2	1	2	2.6	1	2.6	2.6	1	2.6	12	
B.Sc CBZ TM & EM SEM-V FA Assessment Attainment																				
POs	Chem Paper V	PO Attainment	Weighted product	Chem Paper-VI	PO Attainment	Weighted product	Zoo V	PO Attainment	Weighted product	Zoo VI	PO Attainment	Weighted product	Bot Paper-V	PO Attainment	Weighted product	Bot Paper VI	PO Attainment	Weighted product	Weighted product	Weighted Sum of Pos
PO1	1.5	0.975	1.463	2.5	0.98	2.44	1.6	1	1.52	2	1	2	1.6	1	1.6	1.6	1	1.6	11	
PO2	2.25	0.975	2.194	2.75	0.98	2.68	1	1	0.95	1.6	1	1.6	1.3	1	1.3	1.3	1	1.3	10	
PO3	0.75	0.975	0.731	2.25	0.98	2.19	0.8	1	0.76	1.4	1	1.4	1.6	1	1.6	1.8	1	1.8	8.6	
PO4	0.25	0.975	0.244	1.5	0.98	1.46	1.2	1	1.14	1.4	1	1.4	2.6	1	2.6	2.6	1	2.6	9.6	
PO5	2	0.975	1.95	1.5	0.98	1.46	3	1	2.85	3	1	3	2	1	2	2.4	1	2.4	14	
PO6	1.75	0.975	1.706	2	0.98	1.95	1.4	1	1.33	2	1	2	2.6	1	2.6	2.6	1	2.6	12	
B.Sc CBZ TM & EM SEM-IV MSA (IA) Assessment Attainment																				
POs	Chem Paper-IV	PO Attainment	Weighted product	Zoo Paper-IV	PO Attainment	Weighted product	Bot IV	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/ Weighted Sum of POs								
PO1	2	0.5	1	1.8	1	1.8	1.8	0.8	1.44	5.6	4.24	0.757								
PO2	1.25	0.5	0.625	1	1	1	1.3	0.8	1.04	3.55	2.665	0.751								
PO3	2	0.5	1	1.4	1	1.4	2	0.8	1.6	5.4	4	0.741								
PO4	2.25	0.5	1.125	1.2	1	1.2	2.8	0.8	2.24	6.25	4.565	0.73								
PO5	2	0.5	1	3	1	3	2	0.8	1.6	7	5.6	0.8								
PO6	1.75	0.5	0.875	1.4	1	1.4	2	0.8	1.6	5.15	3.875	0.752								
B.Sc CBZ TM & EM SEM-IV CCAA Assessment Attainment																				

POs	Chem Paper-IV	PO Attainment	Weighted product	Zoo Paper-IV	PO Attainment	Weighted product	Bot IV	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/ Weighted Sum of POs							
PO1	2	1	2	1.8	1	1.8	1.8	1	1.8	5.6	5.6	1							
PO2	1.25	1	1.25	1	1	1	1.3	1	1.3	3.55	3.55	1							
PO3	2	1	2	1.4	1	1.4	2	1	2	5.4	5.4	1							
PO4	2.25	1	2.25	1.2	1	1.2	2.8	1	2.8	6.25	6.25	1							
PO5	2	1	2	3	1	3	2	1	2	7	7	1							
PO6	1.75	1	1.75	1.4	1	1.4	2	1	2	5.15	5.15	1							

B.Sc CBZ TM & EM SEM-IV FA Assessment Attainment

POs	Chem Paper-IV	PO Attainment	Weighted product	Zoo Paper-IV	PO Attainment	Weighted product	Bot IV	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/ Weighted Sum of POs							
PO1	2	0.8	1.6	1.8	0.98	1.76	1.8	0.9	1.65	5.6	5.014	0.895							
PO2	1.25	0.8	1	1	0.98	0.98	1.3	0.9	1.19	3.55	3.17	0.893							
PO3	2	0.8	1.6	1.4	0.98	1.37	2	0.9	1.84	5.4	4.812	0.891							
PO4	2.25	0.8	1.8	1.2	0.98	1.18	2.8	0.9	2.57	6.25	5.546	0.887							
PO5	2	0.8	1.6	3	0.98	2.94	2	0.9	1.84	7	6.38	0.911							
PO6	1.75	0.8	1.4	1.4	0.98	1.37	2	0.9	1.84	5.15	4.612	0.896							

B.Sc CBZ TM & EM SEM-III MSA(IA) Assessment Attainment

POs	Chem Paper III	PO Attainment	Weighted product	Zoo III	PO Attainment	Weighted product	Bot III	PO Attainment	Weighted product	Eng III	PO Attainment	Weighted product	Tel III	PO Attainment	Weighted product	Hin III	PO Attainment	Weighted product	San III
PO1	1.25	0.775	0.969	2	0.86	1.72	2	0.8	1.66	2.6	0.97	2.522	2.1	0.96	2.016	2.8	1	2.8	2.4
PO2	0.75	0.775	0.581	1.2	0.86	1.03	1.3	0.8	1.07	2.1	0.97	2.037	2.5	0.96	2.4	2.3	1	2.3	2.3
PO3	1.25	0.775	0.969	1.2	0.86	1.03	2.2	0.8	1.82	2.3	0.97	2.231	2.5	0.96	2.4	2.6	1	2.6	2.4
PO4	0.75	0.775	0.581	1.4	0.86	1.2	2.4	0.8	1.99	2.3	0.97	2.231	2.3	0.96	2.208	2.3	1	2.3	2.5
PO5	1.75	0.775	1.356	3	0.86	2.58	2	0.8	1.66	2.5	0.97	2.425	2	0.96	1.92	2.3	1	2.3	2.3
PO6	2.25	0.775	1.744	1.2	0.86	1.03	2	0.8	1.66	2.3	0.97	2.231	1.6	0.96	1.536	2.8	1	2.8	2.5

B.Sc CBZ TM & EM SEM-III CCAA Assessment Attainment

POs	Chem Paper III	PO Attainment	Weighted product	Zoo Paper III	PO Attainment	Weighted product	Bot III	PO Attainment	Weighted product	Eng III	PO Attainment	Weighted product	Tel III	PO Attainment	Weighted product	Hin III	PO Attainment	Weighted product	San III
PO1	1.25	1	1.25	2	1	2	2	1	2	2.6	1	2.6	2.1	1	2.1	2.8	1	2.8	2.4
PO2	0.75	1	0.75	1.2	1	1.2	1.3	1	1.3	2.1	1	2.1	2.5	1	2.5	2.3	1	2.3	2.3
PO3	1.25	1	1.25	1.2	1	1.2	2.2	1	2.2	2.3	1	2.3	2.5	1	2.5	2.6	1	2.6	2.4
PO4	0.75	1	0.75	1.4	1	1.4	2.4	1	2.4	2.3	1	2.3	2.3	1	2.3	2.3	1	2.3	2.5
PO5	1.75	1	1.75	3	1	3	2	1	2	2.5	1	2.5	2	1	2	2.3	1	2.3	2.3
PO6	2.25	1	2.25	1.2	1	1.2	2	1	2	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5

B.Sc CBZ TM & EM SEM-III FA Assessment Attainment

POs	Chem Paper III	PO Attainment	Weighted product	Zoo III	PO Attainment	Weighted product	Bot III	PO Attainment	Weighted product	Eng III	PO Attainment	Weighted product	Tel III	PO Attainment	Weighted product	Hin III	PO Attainment	Weighted product	San III
PO1	1.25	0.8	1	2	0.98	1.96	2	1	1.9	2.6	0.97	2.522	2.1	1	2.1	2.8	1	2.8	2.4
PO2	0.75	0.8	0.6	1.2	0.98	1.18	1.3	1	1.2	2.1	0.97	2.037	2.5	1	2.5	2.3	1	2.3	2.3
PO3	1.25	0.8	1	1.2	0.98	1.18	2.2	1	2.09	2.3	0.97	2.231	2.5	1	2.5	2.6	1	2.6	2.4
PO4	0.75	0.8	0.6	1.4	0.98	1.37	2.4	1	2.28	2.3	0.97	2.231	2.3	1	2.3	2.3	1	2.3	2.5
PO5	1.75	0.8	1.4	3	0.98	2.94	2	1	1.9	2.5	0.97	2.425	2	1	2	2.3	1	2.3	2.3
PO6	2.25	0.8	1.8	1.2	0.98	1.18	2	1	1.9	2.3	0.97	2.231	1.6	1	1.6	2.8	1	2.8	2.5

B.Sc CBZ TM & EM SEM-II MSA(IA) Assessment Attainment

POs	Chem Paper-II	PO Attainment	Weighted product	Zoo II	PO Attainment	Weighted product	Bot II	PO Attainment	Weighted product	Eng II	PO Attainment	Weighted product	Tel II	PO Attainment	Weighted product	Hin II	PO Attainment	Weighted product	San II
PO1	2	0.977	1.954	2.1	0.98	2.06	1.8	0.9	1.58	2.3	0.97	2.231	2.1	1	2.1	2.6	1	2.6	2.4
PO2	0.4	0.977	0.391	1	0.98	0.98	1.8	0.9	1.58	2.3	0.97	2.231	2.5	1	2.5	2.5	1	2.5	2.3
PO3	2.2	0.977	2.149	1.6	0.98	1.57	1.6	0.9	1.4	2.1	0.97	2.037	2.5	1	2.5	2.5	1	2.5	2.4
PO4	1.8	0.977	1.759	2.6	0.98	2.55	1.6	0.9	1.4	2.1	0.97	2.037	2.3	1	2.3	3	1	3	2.5
PO5	2.4	0.977	2.345	3	0.98	2.94	2	0.9	1.76	2.3	0.97	2.231	2	1	2	2.6	1	2.6	2.3
PO6	1.6	0.977	1.563	1	0.98	0.98	2	0.9	1.76	2.3	0.97	2.231	1.6	1	1.6	2.8	1	2.8	2.5

B.Sc CBZ TM & EM SEM-II CCAA Assessment Attainment

POs	Chem Paper-II	PO Attainment	Weighted product	Zoo II	PO Attainment	Weighted product	Bot II	PO Attainment	Weighted product	Eng II	PO Attainment	Weighted product	Tel II	PO Attainment	Weighted product	Hin II	PO Attainment	Weighted product	San II
PO1	2	1	2	2.1	1	2.1	1.8	1	1.8	2.3	1	2.3	2.1	1	2.1	2.6	1	2.6	2.4
PO2	0.4	1	0.4	1	1	1	1.8	1	1.8	2.3	1	2.3	2.5	1	2.5	2.5	1	2.5	2.3
PO3	2.2	1	2.2	1.6	1	1.6	1.6	1	1.6	2.1	1	2.1	2.5	1	2.5	2.5	1	2.5	2.4
PO4	1.8	1	1.8	2.6	1	2.6	1.6	1	1.6	2.1	1	2.1	2.3	1	2.3	3	1	3	2.5
PO5	2.4	1	2.4	3	1	3	2	1	2	2.3	1	2.3	2	1	2	2.6	1	2.6	2.3
PO6	1.6	1	1.6	1	1	1	2	1	2	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5

B.Sc CBZ TM & EM SEM-II FA Assessment Attainment

POs	Chem Paper-II	PO Attainment	Weighted product	Zoo II	PO Attainment	Weighted product	Bot II	PO Attainment	Weighted product	Eng II	PO Attainment	Weighted product	Tel II	PO Attainment	Weighted product	Hin II	PO Attainment	Weighted product	San II
PO1	2	0.636	1.272	2.1	0.98	2.06	1.8	0.8	1.51	2.3	0.97	2.231	2.1	1	2.1	2.6	1	2.6	2.4
PO2	0.4	0.636	0.254	1	0.98	0.98	1.8	0.8	1.51	2.3	0.97	2.231	2.5	1	2.5	2.5	1	2.5	2.3
PO3	2.2	0.636	1.399	1.6	0.98	1.57	1.6	0.8	1.34	2.1	0.97	2.037	2.5	1	2.5	2.5	1	2.5	2.4
PO4	1.8	0.636	1.145	2.6	0.98	2.55	1.6	0.8	1.34	2.1	0.97	2.037	2.3	1	2.3	3	1	3	2.5
PO5	2.4	0.636	1.526	3	0.98	2.94	2	0.8	1.68	2.3	0.97	2.231	2	1	2	2.6	1	2.6	2.3
PO6	1.6	0.636	1.018	1	0.98	0.98	2	0.8	1.68	2.3	0.97	2.231	1.6	1	1.6	2.8	1	2.8	2.5

B.Sc CBZ TM & EM SEM-I MSA(IA) Assessment Attainment

POs	Chem Paper I	PO Attainment	Weighted product	Zoo I	PO Attainment	Weighted product	Bot I	PO Attainment	Weighted product	Eng I	PO Attainment	Weighted product	Tel I	PO Attainment	Weighted product	Hin I	PO Attainment	Weighted product	San I
PO1	1	0.844	0.844	1.6	0.96	1.54	1.6	0.8	1.24	2.6	0.89	2.314	2.5	0.97	2.425	2.8	1	2.8	2.4
PO2	0	0.844	0	2.2	0.96	2.11	1.8	0.8	1.4	2.5	0.89	2.225	2	0.97	1.94	2.6	1	2.6	2.3
PO3	1.6	0.844	1.35	1.4	0.96	1.34	1.6	0.8	1.24	2.5	0.89	2.225	2.1	0.97	2.037	2.6	1	2.6	2.4
PO4	1.2	0.844	1.013	1.4	0.96	1.34	1.8	0.8	1.4	2.5	0.89	2.225	2.5	0.97	2.425	2.6	1	2.6	2.5
PO5	1.4	0.844	1.182	3	0.96	2.88	2	0.8	1.56	2.3	0.89	2.047	2.3	0.97	2.231	2.8	1	2.8	2.3
PO6	1.8	0.844	1.519	1.8	0.96	1.73	2	0.8	1.56	2.6	0.89	2.314	1.6	0.97	1.552	2.6	1	2.6	2.5

B.Sc CBZ TM & EM SEM-I CCAA Assessment Attainment

POs	Chem Paper I	PO Attainment	Weighted product	Zoo I	PO Attainment	Weighted product	Bot I	PO Attainment	Weighted product	Eng I	PO Attainment	Weighted product	Tel I	PO Attainment	Weighted product	Hin I	PO Attainment	Weighted product	San I
PO1	1	1	1	1.6	1	1.6	1.6	1	1.6	2.6	1	2.6	2.5	1	2.5	2.8	1	2.8	2.4
PO2	0	1	0	2.2	1	2.2	1.8	1	1.8	2.5	1	2.5	2	1	2	2.6	1	2.6	2.3
PO3	1.6	1	1.6	1.4	1	1.4	1.6	1	1.6	2.5	1	2.5	2.1	1	2.1	2.6	1	2.6	2.4
PO4	1.2	1	1.2	1.4	1	1.4	1.8	1	1.8	2.5	1	2.5	2.5	1	2.5	2.6	1	2.6	2.5
PO5	1.4	1	1.4	3	1	3	2	1	2	2.3	1	2.3	2.3	1	2.3	2.8	1	2.8	2.3
PO6	1.8	1	1.8	1.8	1	1.8	2	1	2	2.6	1	2.6	1.6	1	1.6	2.6	1	2.6	2.5

B.Sc CBZ TM & EM SEM-I FA Assessment Attainment

POs	Chem Paper I	PO Attainment	Weighted product	Zoo I	PO Attainment	Weighted product	Bot I	PO Attainment	Weighted product	Eng I	PO Attainment	Weighted product	Tel I	PO Attainment	Weighted product	Hin I	PO Attainment	Weighted product	San I
PO1	1	0.489	0.489	1.6	0.63	1.01	1.6	0.8	1.34	2.6	0.74	1.924	2.5	1	2.5	2.8	1	2.8	2.4
PO2	0	0.489	0	2.2	0.63	1.39	1.8	0.8	1.51	2.5	0.74	1.85	2	1	2	2.6	1	2.6	2.3
PO3	1.6	0.489	0.782	1.4	0.63	0.88	1.6	0.8	1.34	2.5	0.74	1.85	2.1	1	2.1	2.6	1	2.6	2.4
PO4	1.2	0.489	0.587	1.4	0.63	0.88	1.8	0.8	1.51	2.5	0.74	1.85	2.5	1	2.5	2.6	1	2.6	2.5
PO5	1.4	0.489	0.685	3	0.63	1.89	2	0.8	1.68	2.3	0.74	1.702	2.3	1	2.3	2.8	1	2.8	2.3
PO6	1.8	0.489	0.88	1.8	0.63	1.13	2	0.8	1.68	2.6	0.74	1.924	1.6	1	1.6	2.6	1	2.6	2.5

CBZ MSA Attainment 2019-2020

POs	Sum of Weighed product/ Weighted Sum of Pos I Sem	Sum of Weighed product/ Weighted Sum of Pos II Sem	Sum of Weighed product/ Weighted Sum of Pos III Sem	Sum of Weighed product/ Weighted Sum of Pos IV Sem	Sum of Weighed product/ Weighted Sum of Pos V Sem	Sum of Weighed product/ Weighted Sum of Pos VI Sem	Average of Pos Attained	% of Attainment
PO1	0.935103	0.95679	0.929835	0.757142	0.837778	0.89626	0.885485	89%
PO2	0.938352	0.95419	0.941129	0.750704	0.831471	0.876787	0.882106	88%
PO3	0.929296	0.95745	0.930934	0.740740	0.870233	0.89348	0.887022	89%
PO4	0.931517	0.95874	0.932903	0.7304	0.888796	0.897456	0.889969	90%
PO5	0.931464	0.95806	0.917152	0.8	0.823957	0.87338	0.884002	88%
PO6	0.924362	0.95173	0.921706	0.752427	0.862753	0.896914	0.884982	88%

CBZ CCAA Attainment 2019-2020

POs	Sum of Weighed product/ Weighted Sum of Pos I Sem	Sum of Weighed product/ Weighted Sum of Pos II Sem	Sum of Weighed product/ Weighted Sum of Pos III Sem	Sum of Weighed product/ Weighted Sum of Pos IV Sem	Sum of Weighed product/ Weighted Sum of Pos V Sem	Sum of Weighed product/ Weighted Sum of Pos VI Sem	Average of Pos Attained	% of Attainment
PO1	1	1	1	1	1	1	1	100%
PO2	1	1	1	1	1	1	1	100%
PO3	1	1	1	1	1	1	1	100%
PO4	1	1	1	1	1	1	1	100%
PO5	1	1	1	1	1	1	1	100%
PO6	1	1	1	1	1	1	1	100%

CBZ FA Attainment 2019-2020

POs	Sum of Weighed product/ Weighted Sum of Pos I Sem	Sum of Weighed product/ Weighted Sum of Pos II Sem	Sum of Weighed product/ Weighted Sum of Pos III sem	Sum of Weighed product/ Weighted Sum of Pos IV Sem	Sum of Weighed product/ Weighted Sum of Pos V Sem	Sum of Weighed product/ Weighted Sum of Pos VI Sem	Average of Pos Attained	% of Attainment
PO 1	0.85937	0.89013	0.96910	0.8953571	0.98342	1.01860	0.935996	94%
PO2	0.86861	0.91823	0.97282	0.8929577	0.98284	0.98892	0.937396	94%
PO3	0.84183	0.88536	0.96865	0.8911111	0.98662	1.03747	0.935174	94%
PO4	0.85717	0.89905	0.97369	0.88736	0.98921	0.98974	0.932703	93%
PO5	0.82909	0.88879	0.96297	0.9114285	0.98295	1	0.929205	93%
PO6	0.826711	0.886522	0.956109	0.89553398	0.986721	1.009828	0.926904	93%



V. N. D.
PRINCIPAL
A.S.D. GOVT. DEGREE COLLEGE (W)
AUTONOMOUS
KAKINADA

**A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A), KAKINADA
DEPARTMENT OF ZOOLOGY**

2021-22 outgoing batch CO PO ATTAINMENT FOR ALL SEMESTERS (CZAqT)

CO-PO Mapping:

The COs are mapped to POs based on the relevance on a scale of 0-3

(1: Slight [Low]; 2: Moderate [Medium]; 3: Substantial [High], '-'/0: No Correlation)

I B.Sc Paper-I (Semester I): Basic Principles of Aquaculture

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	1	3	2	3	3
CO2	2	2	3	2	3	3
CO3	2	2	3	2	3	3
CO4	2	1	2	1	3	3
CO5	2	2	1	3	3	3
Average	2.0	1.6	2.4	2.0	3.0	3.0

I B.Sc Paper-II (Semester II): Biology of finfish and shellfish

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	1	2	2	3	3
CO2	2	1	2	1	3	3
CO3	2	2	2	2	3	3
CO4	2	2	2	2	3	3
CO5	2	2	2	2	3	3
Average	2.0	1.6	2.0	1.8	3.0	3.0

II B.Sc Paper-III (Semester III): Fish Nutrition and Feed Technology

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	1	2	2	3	3
CO2	2	1	2	1	3	3
CO3	2	2	2	1	3	3
CO4	2	2	2	1	3	3
CO5	2	2	2	2	3	3
Average	2.0	1.6	2.0	1.4	3.0	3.0

II B.Sc Paper-IV (Semester IV): Fresh water and brackish water aquaculture

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	2	3	2	3	3
CO2	2	2	2	1	3	3
CO3	2	2	2	1	3	3
CO4	2	2	3	2	3	3
CO5	2	2	3	2	3	3
Average	2	2	2.6	1.6	3.0	3.0

III B.Sc Paper V (Semester V): Fish health management

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	2	2	3	3	3
CO2	1	2	2	3	3	3
CO3	1	2	1	3	3	3
CO4	2	3	3	1	3	3
CO5	3	3	3	2	3	3
Average	1.8	2.4	2.2	2.4	3.0	3.0

III B.Sc Paper VI (Semester V): FISHERIES EXTENSION, ECONOMICS AND MARKETING

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	2	2	2	3	3
CO2	1	3	2	2	3	3
CO3	2	2	2	2	3	3
CO4	3	2	3	3	3	3
CO5	2	2	2	1	3	3
Average	2.0	2.2	2.2	2.0	3.0	3.0

III B.Sc (Semester VI): Elective Paper: VII ORNAMENTAL FISHERY

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	2	3	1	3	3
CO2	2	2	3	2	3	3
CO3	2	3	3	2	3	3
CO4	2	2	3	2	3	3
CO5	2	2	3	2	3	3
Average	2.0	2.2	3.0	1.8	3.0	3.0

III B.Sc (Semester VI): Cluster Elective Paper: VIII-B-1 FISH PROCESSING TECHNOLOGY

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	3	3	2	3	3
CO2	2	2	2	2	3	3
CO3	1	3	2	2	3	3
CO4	2	2	2	2	3	3
CO5	2	2	2	2	3	3
Average	1.8	2.4	2.2	2.0	3.0	3.0

III B.Sc (Semester VI): Cluster Elective Paper: VIII-B-2FISHERY MICROBIOLOGY AND FISHERY BY PRODUCTS

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	2	2	2	3	3
CO2	1	1	2	2	3	3
CO3	1	1	2	2	3	3
CO4	2	2	2	1	3	3
CO5	2	1	2	1	3	3
Average	1.6	1.4	2.0	1.6	3.0	3.0

III B.Sc (Semester VI): Cluster Elective Paper: VIII-B-3 quality control and processing plants

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	1	2	1	2	3	3
CO2	2	2	0	1	3	3
CO3	2	2	1	1	3	3
CO4	1	1	2	1	3	3
CO5	1	1	2	2	3	3
Average	1.4	1.6	1.2	1.4	3.0	3.0

CZAqT

Courses	No of student s attende d	No of the students attained			CO_CCAA	CO_MSA	CO_FA
		CCAA (≥7)	MSA(≥8)	FA(≥26)			
	(1)	(2)	(3)	(4)	(2)/(1)	(3)/(1)	(4)/(1)
Basic principles of aquaculture	18	18	17	18	1	0.94	1
Biology of finfish and shell fish	17	17	14	17	1	0.82	1
Fish nutrition and feed technology	17	17	17	17	1	1	1
Fresh water and brackish water aquaculture	17	17	17	17	1	1	1
Fish health management	17	17	17	17	1	1	1
Fisheries extension, economics and marketing	17	17	16	17	1	0.94	1
Ornamental fishery	16	16	15	16	1	0.93	1
Fish processing technology	15	15	14	15	1	0.93	1

Fishery microbiology and fishery by - products	15	15	14	15	1	0.93	1
Quality control and processing plants	15	15	14	15	1	0.93	1

I B.Sc CZAqT Paper- I &II CCAA Assessment Attainment

PO's	Aqua Paper I	PO Attainment	Weighed product	Aqua Paper-II	PO Attainment	Weighed product
PO1	2.0	1	2.0	2.0	1	2.0
PO2	1.6	1	1.6	1.6	1	1.6
PO3	2.4	1	2.4	2.0	1	2.0
PO4	2.0	1	2.0	1.8	1	1.8
PO5	3.0	1	3.0	3.0	1	3.0
PO6	3.0	1	3.0	3.0	1	3.0

I B.Sc CZAqT Paper- I &II MSA (IA) Attainment

PO's	Aqua Paper I	PO Attainment	Weighed product	Aqua Paper-II	PO Attainment	Weighed product
PO1	2.0	0.94	1.88	2.0	0.82	1.64
PO2	1.6	0.94	1.51	1.6	0.82	1.31
PO3	2.4	0.94	2.26	2.0	0.82	1.64
PO4	2.0	0.94	1.88	1.8	0.82	1.47
PO5	3.0	0.94	2.83	3.0	0.82	2.46
PO6	3.0	0.94	2.83	3.0	0.82	2.46

I B.Sc CZAqT Paper- I &II FA Attainment

PO's	Aqua Paper I	PO Attainment	Weighed product	Aqua Paper-II	PO Attainment	Weighed product
PO1	2.0	1	2.0	2.0	1	2.0
PO2	1.6	1	1.6	1.6	1	1.6
PO3	2.4	1	2.4	2.0	1	2.0
PO4	2.0	1	2.0	1.8	1	1.8
PO5	3.0	1	3.0	3.0	1	3.0
PO6	3.0	1	3.0	3.0	1	3.0

II B.Sc CZAqT Paper- III & IV CCAA Assessment Attainment

PO's	Aqua Paper III	PO Attainment	Weighed product	Aqua Paper-IV	PO Attainment	Weighed product
PO1	2.0	1	2.0	2.0	1	2.0
PO2	1.6	1	1.6	2.0	1	2.0
PO3	2.0	1	2.0	2.6	1	2.6

PO4	1.4	1	1.4	1.6	1	1.6
PO5	3.0	1	3.0	3.0	1	3.0
PO6	3.0	1	3.0	3.0	1	3.0

II B.Sc CZAqT Paper- III & IV MSA(IA) Attainment

PO's	Aqua Paper III	PO Attainment	Weighed product	Aqua Paper-IV	PO Attainment	Weighed product
PO1	2.0	1	2.0	2.0	1	2.0
PO2	1.6	1	1.6	2.0	1	2.0
PO3	2.0	1	2.0	2.6	1	2.6
PO4	1.4	1	1.4	1.6	1	1.6
PO5	3.0	1	3.0	3.0	1	3.0
PO6	3.0	1	3.0	3.0	1	3.0

II B.Sc CZAqT Paper- III& IV FA Attainment

PO's	Aqua Paper III	PO Attainment	Weighed product	Aqua Paper-IV	PO Attainment	Weighed product
PO1	2.0	1	2.0	2.0	1	2.0
PO2	1.6	1	1.6	2.0	1	2.0
PO3	2.0	1	2.0	2.6	1	2.6
PO4	1.4	1	1.4	1.6	1	1.6
PO5	3.0	1	3.0	3.0	1	3.0
PO6	3.0	1	3.0	3.0	1	3.0

III B.Sc, CZAqT Paper-V&VI (SEM-V) CCAA Assessment Attainment

PO's	Aqua V	PO Attainment	Weighed product	Aqua VI	PO Attainment	Weighed product
PO1	1.8	1	1.8	2.0	1	2.0
PO2	2.4	1	2.4	2.2	1	2.2
PO3	2.2	1	2.2	2.2	1	2.2
PO4	2.4	1	2.4	2.0	1	2.0
PO5	3.0	1	3.0	3.0	1	3.0
PO6	3.0	1	3.0	3.0	1	3.0

III B.Sc, CZAqT Paper-V&VI (SEM-V) MSA (IA) Assessment Attainment

PO's	Aqua V	PO Attainment	Weighed product	Aqua VI	PO Attainment	Weighed product
PO1	1.8	1	1.8	2.0	0.94	1.8
PO2	2.4	1	2.4	2.2	0.94	2.0
PO3	2.2	1	2.2	2.2	0.94	2.0
PO4	2.4	1	2.4	2.0	0.94	1.8
PO5	3.0	1	3.0	3.0	0.94	2.8
PO6	3.0	1	3.0	3.0	0.94	2.8

III B.Sc, CZAqT Paper-V&VI (SEM-V) FA Assessment Attainment

PO's	Aqua V	PO Attainment	Weighed product	Aqua VI	PO Attainment	Weighed product
PO1	1.8	1	1.8	2.0	1	2.0
PO2	2.4	1	2.4	2.2	1	2.2
PO3	2.2	1	2.2	2.2	1	2.2
PO4	2.4	1	2.4	2.0	1	2.0
PO5	3.0	1	3.0	3.0	1	3.0
PO6	3.0	1	3.0	3.0	1	3.0

III B.Sc, CZAqT paper-VII, VIII B1, VIII B2&VIII B3 (SEM-VI) CCAA Assessment Attainment

PO's	Aqua VII	PO Attainment	Weighed product	Aqua VIII A1	PO Attainment	Weighed product	Aqua VIII B1	PO Attainment	Weighed product	Aqua VIII C1	PO Attainment	Weighed product
PO1	2.0	1	2.0	1.8	1	1.8	1.6	1	1.6	1.4	1	1.4
PO2	2.2	1	2.2	2.4	1	2.4	1.4	1	1.4	1.6	1	1.6
PO3	3.0	1	3.0	2.2	1	2.2	2.0	1	2.0	1.2	1	1.2
PO4	1.8	1	1.8	2.0	1	2.0	1.6	1	1.6	1.4	1	1.4
PO5	3.0	1	3.0	3.0	1	3.0	3.0	1	3.0	3.0	1	3.0
PO6	3.0	1	3.0	3.0	1	3.0	3.0	1	3.0	3.0	1	3.0

III B.Sc, CZAqT Paper-VII, VIII B1, VIII B2&VIII B3 (SEM-VI) MSA (IA) Assessment Attainment

PO's	Aqua VII	PO Attainment	Weighed product	Aqua VIII A1	PO Attainment	Weighed product	Aqua VIII B1	PO Attainment	Weighed product	Aqua VIII C1	PO Attainment	Weighed product
PO1	2.0	0.93	1.86	1.8	0.93	1.6	1.6	0.93	1.4	1.4	0.93	1.3
PO2	2.2	0.93	2.04	2.4	0.93	2.2	1.4	0.93	1.3	1.6	0.93	1.4
PO3	3.0	0.93	2.79	2.2	0.93	2.04	2.0	0.93	1.86	1.2	0.93	1.1
PO4	1.8	0.93	1.6	2.0	0.93	1.86	1.6	0.93	1.4	1.4	0.93	1.3
PO5	3.0	0.93	2.79	3.0	0.93	2.79	3.0	0.93	2.79	3.0	0.93	2.79
PO6	3.0	0.93	2.79	3.0	0.93	2.79	3.0	0.93	2.79	3.0	0.93	2.79

III B.Sc, CZAqT Paper-VII, VIII B1, VIII B2&VIII B3 (SEM-VI) FA Assessment Attainment

PO's	Aqua VII	PO Attainment	Weighed product	Aqua VIII A1	PO Attainment	Weighed product	Aqua VIII B1	PO Attainment	Weighed product	Aqua VIII C1	PO Attainment	Weighed product
PO1	2.0	1	2.0	1.8	1	1.8	1.6	1	1.6	1.4	1	1.4
PO2	2.2	1	2.2	2.4	1	2.4	1.4	1	1.4	1.6	1	1.6
PO3	3.0	1	3.0	2.2	1	2.2	2.0	1	2.0	1.2	1	1.2
PO4	1.8	1	1.8	2.0	1	2.0	1.6	1	1.6	1.4	1	1.4
PO5	3.0	1	3.0	3.0	1	3.0	3.0	1	3.0	3.0	1	3.0
PO6	3.0	1	3.0	3.0	1	3.0	3.0	1	3.0	3.0	1	3.0

B.Sc CZAqT SEMESTER-VI

B.Sc CZAqT SEM-VI MSA(IA) Assessment Attainment

POs	Chem elec tive	PO Attai nmen t	Weig hed produ ct	zoo elec tive	PO Attai nmen t	Wei ghe d pro duct	aqua elec tive	PO Attai nmen t	Wei ghed prod uct	aqua clust er-I	PO Atta inme nt	Wei ghed prod uct	aqu a clus ter- II	PO Atta inme nt	Wei ghed prod uct	aqua clust er- III	PO Atta inme nt	Wei ghed prod uct	Wei ghed prod uct	Wei ghed prod uct	Sum of Wei ghed produ ct	Sum of Weigh ed produc t/ Weight ed Sum of POs
PO1	1.5	0.938	1.407	1.4	0.375	0.525	2	0.93	1.86	1.8	0.93	1.6	1.6	0.93	1.4	1.4	0.93	1.3	9.7	8.092	0.8342	
PO2	2.3	0.938	2.111	1.6	0.375	0.6	2.2	0.93	2.04	2.4	0.93	2.2	1.4	0.93	1.3	1.6	0.93	1.4	11.45	9.651	0.8429	
PO3	0.8	0.938	0.704	1	0.375	0.375	3	0.93	2.79	2.2	0.93	2.04	2	0.93	1.86	1.2	0.93	1.1	10.15	8.869	0.8738	
PO4	0.3	0.938	0.235	1.4	0.375	0.525	1.8	0.93	1.6	2	0.93	1.86	1.6	0.93	1.4	1.4	0.93	1.3	8.45	6.92	0.8189	
PO5	2	0.938	1.876	3	0.375	1.125	3	0.93	2.79	3	0.93	2.79	3	0.93	2.79	3	0.93	2.79	17	14.16	0.833	
PO6	1.8	0.938	1.642	1.2	0.375	0.45	3	0.93	2.79	3	0.93	2.79	3	0.93	2.79	3	0.93	2.79	14.95	13.25	0.8864	

B.Sc CZAqT SEM-VI CCAA(IA) Assessment Attainment

POs	Chem elec tive	PO Attai nmen t	Weig hed produ ct	zoo elec tive	PO Attai nmen t	Wei ghe d pro duct	aqua elec tive	PO Attai nmen t	Wei ghed prod uct	aqua clust er-I	PO Atta inme nt	Wei ghed prod uct	aqu a clus ter- II	PO Atta inme nt	Wei ghed prod uct	aqua clust er- III	PO Atta inme nt	Wei ghed prod uct	Wei ghed prod uct	Wei ghed prod uct	Sum of Wei ghed produ ct	Sum of Weigh ed produc t/ Weight ed Sum of
PO1	1.5	1	1.5	1.4	1	1.4	2	1	2	1.8	1	1.8	1.6	1	1.6	1.4	1	1.4	9.7	9.7	1	
PO2	2.3	1	2.25	1.6	1	1.6	2.2	1	2.2	2.4	1	2.4	1.4	1	1.4	1.6	1	1.6	11.45	11.45	1	
PO3	0.8	1	0.75	1	1	1	3	1	3	2.2	1	2.2	2	1	2	1.2	1	1.2	10.15	10.15	1	
PO4	0.3	1	0.25	1.4	1	1.4	1.8	1	1.8	2	1	2	1.6	1	1.6	1.4	1	1.4	8.45	8.45	1	
PO5	2	1	2	3	1	3	3	1	3	3	1	3	3	1	3	3	1	3	17	17	1	

PO6	1.8	1	1.75	1.2	1	1.2	3	1	3	3	1	3	3	1	3	3	1	3	14.95	14.95	1			
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B.Sc CZAqT SEM-VI FA Assessment Attainment

POs	Chem elective	PO Attainment	Weighted product	zoo elective	PO Attainment	Weighted product	aqua elective	PO Attainment	Weighted product	aqua cluster-I	PO Attainment	Weighted product	aqua cluster-II	PO Attainment	Weighted product	aqua cluster-III	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of			
PO1	1.5	1	1.5	1.4	1	1.4	2	1	2	1.8	1	1.8	1.6	1	1.6	1.4	1	1.4	9.7	9.7	1			
PO2	2.3	1	2.25	1.6	1	1.6	2.2	1	2.2	2.4	1	2.4	1.4	1	1.4	1.6	1	1.6	11.45	11.45	1			
PO3	0.8	1	0.75	1	1	1	3	1	3	2.2	1	2.2	2	1	2	1.2	1	1.2	10.15	10.15	1			
PO4	0.3	1	0.25	1.4	1	1.4	1.8	1	1.8	2	1	2	1.6	1	1.6	1.4	1	1.4	8.45	8.45	1			
PO5	2	1	2	3	1	3	3	1	3	3	1	3	3	1	3	3	1	3	17	17	1			
PO6	1.8	1	1.75	1.2	1	1.2	3	1	3	3	1	3	3	1	3	3	1	3	14.95	14.95	1			

B.Sc CZAqT SEM-V MSA(IA) Assessment Attainment

POs	Chem Paper-V	PO Attainment	Weighted product	Chem Paper-VI	PO Attainment	Weighted product	Zoo Paper-V	PO Attainment	Weighted product	Zoo Paper-VI	PO Attainment	Weighted product	Aqua Paper-V	PO Attainment	Weighted product	Aqua Paper-VI	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of
PO1	1.5	0.471	0.707	2.5	0.647	1.62	1.6	0.764	1.22	2	0.76	1.53	1.8	1	1.8	2	0.94	1.8	11.4	8.675	0.761
PO2	2.3	0.471	1.06	2.8	0.647	1.78	1	0.764	0.76	1.6	0.76	1.22	2.4	1	2.4	2.2	0.94	2	12.2	9.225	0.7562
PO3	0.8	0.471	0.353	2.3	0.647	1.46	0.8	0.764	0.61	1.4	0.76	1.07	2.2	1	2.2	2.2	0.94	2	9.6	7.69	0.801
PO4	0.3	0.471	0.118	1.5	0.647	1.01	1.2	0.764	0.92	1.4	0.76	1.07	2.4	1	2.4	2	0.94	1.8	8.75	7.316	0.8362
PO5	2	0.471	0.942	1.5	0.647	1.01	3	0.764	2.29	3	0.76	2.29	3	1	3	3	0.94	2.8	15.5	12.34	0.796

PO6	1.8	0.471	0.824	2	0.647	1.29	1.4	0.764	1.07	2	0.76	1.53	3	1	3	3	0.94	2.8	13.15	10.52	0.7997
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B.Sc CZqT SEM-V CCAA Assessment Attainment

POs	Chem Paper-V	PO Attainment	Weighted product	Chem Paper-VI	PO Attainment	Weighted product	Zoo Paper-V	PO Attainment	Weighted product	Zoo Paper-VI	PO Attainment	Weighted product	Aqua Paper-V	PO Attainment	Weighted product	Aqua Paper-VI	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of
PO1	1.5	1	1.5	2.5	1	2.5	1.6	1	1.6	2	1	2	1.8	1	1.8	2	1	2	11.4	11.4	1
PO2	2.3	1	2.25	2.8	1	2.75	1	1	1	1.6	1	1.6	2.4	1	2.4	2.2	1	2.2	12.2	12.2	1
PO3	0.8	1	0.75	2.3	1	2.25	0.8	1	0.8	1.4	1	1.4	2.2	1	2.2	2.2	1	2.2	9.6	9.6	1
PO4	0.3	1	0.25	1.5	1	1.5	1.2	1	1.2	1.4	1	1.4	2.4	1	2.4	2	1	2	8.75	8.75	1
PO5	2	1	2	1.5	1	1.5	3	1	3	3	1	3	3	1	3	3	1	3	15.5	15.5	1
PO6	1.8	1	1.75	2	1	2	1.4	1	1.4	2	1	2	3	1	3	3	1	3	13.15	13.15	1

B.Sc CZAqT SEM-V FA Assessment Attainment

POs	Chem Paper-V	PO Attainment	Weighted product	Chem Paper-VI	PO Attainment	Weighted product	Zoo Paper-V	PO Attainment	Weighted product	Zoo Paper-VI	PO Attainment	Weighted product	Aqua Paper-V	PO Attainment	Weighted product	Aqua Paper-VI	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of
PO1	1.5	1	1.5	2.5	0.706	1.77	1.6	0.941	1.51	2	1	2	1.8	1	1.8	2	1	2	11.4	10.57	0.9272
PO2	2.3	1	2.25	2.8	0.706	1.94	1	0.941	0.94	1.6	1	1.6	2.4	1	2.4	2.2	1	2.2	12.2	11.33	0.9289
PO3	0.8	1	0.75	2.3	0.706	1.59	0.8	0.941	0.75	1.4	1	1.4	2.2	1	2.2	2.2	1	2.2	9.6	8.892	0.9262
PO4	0.3	1	0.25	1.5	0.706	1.06	1.2	0.941	1.13	1.4	1	1.4	2.4	1	2.4	2	1	2	8.75	8.238	0.9415

PO5	2	1	2	1.5	0.706	1.06	3	0.941	2.82	3	1	3	3	1	3	3	1	3	15.5	14.88	0.9599
PO6	1.8	1	1.75	2	0.706	1.41	1.4	0.941	1.32	2	1	2	3	1	3	3	1	3	13.15	12.48	0.949

B.Sc CZAqT SEM-IV MSA Assessment Attainment

POs	Chem Paper-IV	PO Attainment	Weighted product	Zo Paper-IV	PO Attainment	Weighted product	Aqua Paper-IV	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted
PO1	2	0.941	1.882	1.8	1	1.8	2	1	2	5.8	5.68	0.98
PO2	1.3	0.941	1.176	1	1	1	2	1	2	4.25	4.18	0.98
PO3	2	0.941	1.882	1.4	1	1.4	2.6	1	2.6	6	5.88	0.98
PO4	2.3	0.941	2.117	1.2	1	1.2	1.6	1	1.6	5.05	4.92	0.97
PO5	2	0.941	1.882	3	1	3	3	1	3	8	7.88	0.99
PO6	1.8	0.941	1.647	1.4	1	1.4	3	1	3	6.15	6.05	0.98

B.Sc CZAqT SEM-IV CCAA Assessment Attainment

POs	Chem Paper-IV	PO Attainment	Weighted product	Zo Paper-IV	PO Attainment	Weighted product	Aqua Paper-IV	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted
PO1	2	1	2	1.8	1	1.8	2	1	2	5.8	5.8	1
PO2	1.3	1	1.25	1	1	1	2	1	2	4.25	4.25	1
PO3	2	1	2	1.4	1	1.4	2.6	1	2.6	6	6	1

PO4	2.3	1	2.25	1.2	1	1.2	1.6	1	1.6	5.05	5.05	1
PO5	2	1	2	3	1	3	3	1	3	8	8	1
PO6	1.8	1	1.75	1.4	1	1.4	3	1	3	6.15	6.15	1

B.Sc CZAqT SEM-IV FA Assessment Attainment

POs	Chem Paper-IV	PO Attainment	Weighted product	Zo Paper-IV	PO Attainment	Weighted product	Aqua Paper-IV	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted
PO1	2	1	2	1.8	1	1.8	2	1	2	5.8	5.8	1
PO2	1.3	1	1.25	1	1	1	2	1	2	4.25	4.25	1
PO3	2	1	2	1.4	1	1.4	2.6	1	2.6	6	6	1
PO4	2.3	1	2.25	1.2	1	1.2	1.6	1	1.6	5.05	5.05	1
PO5	2	1	2	3	1	3	3	1	3	8	8	1
PO6	1.8	1	1.75	1.4	1	1.4	3	1	3	6.15	6.15	1

B.Sc CZAqT SEM-III MSA(IA) Assessment Attainment

POs	Chem Paper-III	PO Attainment	Weighted product	Zo Paper-III	PO Attainment	Weighted product	Aqua Paper-III	PO Attainment	Weighted product	Eng Paper-III	PO Attainment	Weighted product	Tel Paper-III	PO Attainment	Weighted product	Hin Paper-III	PO Attainment	Weighted product	Sankrit Paper-III	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted
PO1	1.3	1	1.25	2	1	2	2	1	2	2.6	1	2.6	2.1	1	2.1	2.8	1	2.8	2.4	1	2.4	15.2	15.15	1
PO2	0.8	1	0.75	1.2	1	1.2	1.6	1	1.6	2.1	1	2.1	2.5	1	2.5	2.3	1	2.3	2.25	1	2.25	12.7	12.7	1
PO3	1.3	1	1.25	1.2	1	1.2	2	1	2	2.3	1	2.3	2.5	1	2.5	2.6	1	2.6	2.4	1	2.4	14.3	14.25	1

PO4	0.8	1	0.75	1.4	1	1.4	1.4	1	1.4	2.3	1	2.3	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	13	12.95	1
PO5	1.8	1	1.75	3	1	3	3	1	3	2.5	1	2.5	2	1	2	2.3	1	2.3	2.25	1	2.25	16.8	16.8	1
PO6	2.3	1	2.25	1.2	1	1.2	3	1	3	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5	1	2.5	15.7	15.65	1

B.Sc CZqT SEM-III CCAA (DA) Assessment Attainment

POs	Chem Paper-III	PO Attainment	Weighted product	Zo Paper-III	PO Attainment	Weighted product	Aqua Paper-III	PO Attainment	Weighted product	Eng Paper-III	PO Attainment	Weighted product	Tel Paper-III	PO Attainment	Weighted product	Hin Paper-III	PO Attainment	Weighted product	Sankrit Paper-III	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted
PO1	1.3	1	1.25	2	1	2	2	1	2	2.6	1	2.6	2.1	1	2.1	2.8	1	2.8	2.4	1	2.4	15.2	15.15	1
PO2	0.8	1	0.75	1.2	1	1.2	1.6	1	1.6	2.1	1	2.1	2.5	1	2.5	2.3	1	2.3	2.25	1	2.25	12.7	12.7	1
PO3	1.3	1	1.25	1.2	1	1.2	2	1	2	2.3	1	2.3	2.5	1	2.5	2.6	1	2.6	2.4	1	2.4	14.3	14.25	1
PO4	0.8	1	0.75	1.4	1	1.4	1.4	1	1.4	2.3	1	2.3	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	13	12.95	1
PO5	1.8	1	1.75	3	1	3	3	1	3	2.5	1	2.5	2	1	2	2.3	1	2.3	2.25	1	2.25	16.8	16.8	1
PO6	2.3	1	2.25	1.2	1	1.2	3	1	3	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5	1	2.5	15.7	15.65	1

B.Sc CZAqT SEM-III FA Assessment Attainment

POs	Chem Paper-III	PO Attainment	Weighted product	Zo Paper-III	PO Attainment	Weighted product	Aqua Paper-III	PO Attainment	Weighted product	Eng Paper-III	PO Attainment	Weighted product	Tel Paper-III	PO Attainment	Weighted product	Hin Paper-III	PO Attainment	Weighted product	Sankrit Paper-III	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted
PO1	1.3	0.588	0.735	2	1	2	2	1	2	2.6	1	2.6	2.1	1	2.1	2.8	1	2.8	2.4	1	2.4	15.2	14.64	0.966
PO2	0.8	0.588	0.441	1.2	1	1.2	1.6	1	1.6	2.1	1	2.1	2.5	1	2.5	2.3	1	2.3	2.25	1	2.25	12.7	12.39	0.976

PO3	1.3	0.588	0.735	1.2	1	1.2	2	1	2	2.3	1	2.3	2.5	1	2.5	2.6	1	2.6	2.4	1	2.4	14.3	13.74	0.964
PO4	0.8	0.588	0.441	1.4	1	1.4	1.4	1	1.4	2.3	1	2.3	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	13	12.64	0.976
PO5	1.8	0.588	1.029	3	1	3	3	1	3	2.5	1	2.5	2	1	2	2.3	1	2.3	2.25	1	2.25	16.8	16.08	0.957
PO6	2.3	0.588	1.323	1.2	1	1.2	3	1	3	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5	1	2.5	15.7	14.72	0.941

B.Sc CZAqT SEM-II MSA(IA) Assessment Attainment

POs	Chem Paper-II	PO Attainment	Weighted product	Zo Paper-II	PO Attainment	Weighted product	Aqua Paper-II	PO Attainment	Weighted product	Eng Paper-II	PO Attainment	Weighted product	Tel Paper-II	PO Attainment	Weighted product	Hin Paper-II	PO Attainment	Weighted product	Sankrit Paper-II	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted
PO1	2	0.882	1.764	2.1	0.882	1.85	2	0.82	1.64	2.3	1	2.3	2.1	1	2.1	2.6	1	2.6	2.4	0.5	1.2	15.5	13.46	0.868
PO2	0.4	0.882	0.353	1	0.882	0.88	1.6	0.82	1.31	2.3	1	2.3	2.5	1	2.5	2.5	1	2.5	2.25	0.5	1.125	12.6	10.97	0.874
PO3	2.2	0.882	1.94	1.6	0.882	1.41	2	0.82	1.64	2.1	1	2.1	2.5	1	2.5	2.5	1	2.5	2.4	0.5	1.2	15.3	13.29	0.869
PO4	1.8	0.882	1.588	2.6	0.882	2.29	1.8	0.82	1.47	2.1	1	2.1	2.3	1	2.3	3	1	3	2.5	0.5	1.25	16.1	14	0.87
PO5	2.4	0.882	2.117	3	0.882	2.65	3	0.82	2.46	2.3	1	2.3	2	1	2	2.6	1	2.6	2.25	0.5	1.125	17.6	15.25	0.869
PO6	1.6	0.882	1.411	1	0.882	0.88	3	0.82	2.46	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5	0.5	1.25	14.8	12.7	0.858

B.Sc CZqT SEM-II CCAA Assessment Attainment

POs	Chem Paper-II	PO Attainment	Weighted product	Zo Paper-II	PO Attainment	Weighted product	Aqua Paper-II	PO Attainment	Weighted product	Eng Paper-II	PO Attainment	Weighted product	Tel Paper-II	PO Attainment	Weighted product	Hin Paper-II	PO Attainment	Weighted product	Sankrit Paper-II	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted
PO1	2	1	2	2.1	1	2.1	2	1	2	2.3	1	2.3	2.1	1	2.1	2.6	1	2.6	2.4	1	2.4	15.5	15.5	1

PO2	0.4	1	0.4	1	1	1	1.6	1	1.6	2.3	1	2.3	2.5	1	2.5	2.5	1	2.5	2.25	1	2.25	12.6	12.55	1
PO3	2.2	1	2.2	1.6	1	1.6	2	1	2	2.1	1	2.1	2.5	1	2.5	2.5	1	2.5	2.4	1	2.4	15.3	15.3	1
PO4	1.8	1	1.8	2.6	1	2.6	1.8	1	1.8	2.1	1	2.1	2.3	1	2.3	3	1	3	2.5	1	2.5	16.1	16.1	1
PO5	2.4	1	2.4	3	1	3	3	1	3	2.3	1	2.3	2	1	2	2.6	1	2.6	2.25	1	2.25	17.6	17.55	1
PO6	1.6	1	1.6	1	1	1	3	1	3	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5	1	2.5	14.8	14.8	1

B.Sc CZAqT SEM-II FA Assessment Attainment

POs	Chem Paper-II	PO Attainment	Weighted product	Zo Paper-II	PO Attainment	Weighted product	Aqua Paper-II	PO Attainment	Weighted product	Eng Paper-II	PO Attainment	Weighted product	Tel Paper-II	PO Attainment	Weighted product	Hin Paper-II	PO Attainment	Weighted product	Sankrit Paper-II	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted
PO1	2	0.471	0.942	2.1	0.941	1.98	2	1	2	2.3	1	2.3	2.1	1	2.1	2.6	1	2.6	2.4	0.83	1.992	15.5	13.91	0.897
PO2	0.4	0.471	0.188	1	0.941	0.94	1.6	1	1.6	2.3	1	2.3	2.5	1	2.5	2.5	1	2.5	2.25	0.83	1.8675	12.6	11.9	0.948
PO3	2.2	0.471	1.036	1.6	0.941	1.51	2	1	2	2.1	1	2.1	2.5	1	2.5	2.5	1	2.5	2.4	0.83	1.992	15.3	13.63	0.891
PO4	1.8	0.471	0.848	2.6	0.941	2.45	1.8	1	1.8	2.1	1	2.1	2.3	1	2.3	3	1	3	2.5	0.83	2.075	16.1	14.57	0.905
PO5	2.4	0.471	1.13	3	0.941	2.82	3	1	3	2.3	1	2.3	2	1	2	2.6	1	2.6	2.25	0.83	1.8675	17.6	15.72	0.896
PO6	1.6	0.471	0.754	1	0.941	0.94	3	1	3	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5	0.83	2.075	14.8	13.47	0.91

B.Sc CZAqT SEM-I MSA(IA) Assessment Attainment

POs	Chem Paper-I	PO Attainment	Weighted product	Zo Paper-I	PO Attainment	Weighted product	Aqua Paper-I	PO Attainment	Weighted product	Eng Paper-I	PO Attainment	Weighted product	Tel Paper-I	PO Attainment	Weighted product	Hin Paper-I	PO Attainment	Weighted product	Sankrit Paper-I	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted
PO1	1	0.556	0.556	1.6	0.947	1.52	2	0.94	1.88	2.6	1	2.6	2.5	1	2.5	2.8	1	2.8	2.4	0.71	1.704	14.9	13.56	0.91

PO2	0	0.556	0	2.2	0.947	2.08	1.6	0.94	1.51	2.5	1	2.5	2	1	2	2.6	1	2.6	2.25	0.71	1.5975	13.2	12.29	0.935
PO3	1.6	0.556	0.89	1.4	0.947	1.33	2.4	0.94	2.26	2.5	1	2.5	2.1	1	2.1	2.6	1	2.6	2.4	0.71	1.704	15	13.38	0.892
PO4	1.2	0.556	0.667	1.4	0.947	1.33	2	0.94	1.88	2.5	1	2.5	2.5	1	2.5	2.6	1	2.6	2.5	0.71	1.775	14.7	13.25	0.901
PO5	1.4	0.556	0.778	3	0.947	2.84	3	0.94	2.83	2.3	1	2.3	2.3	1	2.3	2.8	1	2.8	2.25	0.71	1.5975	17.1	15.45	0.906
PO6	1.8	0.556	1.001	1.8	0.947	1.7	3	0.94	2.83	2.6	1	2.6	1.6	1	1.6	2.6	1	2.6	2.5	0.71	1.775	15.9	14.11	0.887

B.Sc CZqT SEM-I CCAA (DA) Assessment Attainment

POs	Chem Paper-I	PO Attainment	Weighted product	Zo Paper-I	PO Attainment	Weighted product	Aqua Paper-I	PO Attainment	Weighted product	Eng Paper-I	PO Attainment	Weighted product	Tel Paper-I	PO Attainment	Weighted product	Hin Paper-I	PO Attainment	Weighted product	Sankrit Paper-I	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted
PO1	1	1	1	1.6	1	1.6	2	1	2	2.6	1	2.6	2.5	1	2.5	2.8	1	2.8	2.4	1	2.4	14.9	14.9	1
PO2	0	1	0	2.2	1	2.2	1.6	1	1.6	2.5	1	2.5	2	1	2	2.6	1	2.6	2.25	1	2.25	13.2	13.15	1
PO3	1.6	1	1.6	1.4	1	1.4	2.4	1	2.4	2.5	1	2.5	2.1	1	2.1	2.6	1	2.6	2.4	1	2.4	15	15	1
PO4	1.2	1	1.2	1.4	1	1.4	2	1	2	2.5	1	2.5	2.5	1	2.5	2.6	1	2.6	2.5	1	2.5	14.7	14.7	1
PO5	1.4	1	1.4	3	1	3	3	1	3	2.3	1	2.3	2.3	1	2.3	2.8	1	2.8	2.25	1	2.25	17.1	17.05	1
PO6	1.8	1	1.8	1.8	1	1.8	3	1	3	2.6	1	2.6	1.6	1	1.6	2.6	1	2.6	2.5	1	2.5	15.9	15.9	1

B.Sc CZAqT SEM-I FA Assessment Attainment

POs	Chem Paper-I	PO Attainment	Weighted product	Zo Paper-I	PO Attainment	Weighted product	Aqua Paper-I	PO Attainment	Weighted product	Eng Paper-I	PO Attainment	Weighted product	Tel Paper-I	PO Attainment	Weighted product	Hin Paper-I	PO Attainment	Weighted product	Sankrit Paper-I	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted
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PO1	1	0.389	0.389	1.6	0.631	1.01	2	1	2	2.6	0.94	2.44	2.5	1	2.5	2.8	1	2.8	2.4	0.85	2.04	14.9	13.18	0.885
PO2	0	0.389	0	2.2	0.631	1.39	1.6	1	1.6	2.5	0.94	2.35	2	1	2	2.6	1	2.6	2.25	0.85	1.9125	13.2	11.85	0.901
PO3	1.6	0.389	0.622	1.4	0.631	0.88	2.4	1	2.4	2.5	0.94	2.35	2.1	1	2.1	2.6	1	2.6	2.4	0.85	2.04	15	13	0.866
PO4	1.2	0.389	0.467	1.4	0.631	0.88	2	1	2	2.5	0.94	2.35	2.5	1	2.5	2.6	1	2.6	2.5	0.85	2.125	14.7	12.93	0.879
PO5	1.4	0.389	0.545	3	0.631	1.89	3	1	3	2.3	0.94	2.16	2.3	1	2.3	2.8	1	2.8	2.25	0.85	1.9125	17.1	14.61	0.857
PO6	1.8	0.389	0.7	1.8	0.631	1.14	3	1	3	2.6	0.94	2.44	1.6	1	1.6	2.6	1	2.6	2.5	0.85	2.125	15.9	13.6	0.856

CZAqT MSA Attainment 2019-2020

POs	Sum of Weighed product/ Weighted Sum of Pos I Sem	Sum of Weighed product/ Weighted Sum of Pos II Sem	Sum of Weighed product/ Weighted Sum of Pos III Sem	Sum of Weighed product/ Weighted Sum of Pos IV Sem	Sum of Weighed product/ Weighted Sum of Pos V Sem	Sum of Weighed product/ Weighted Sum of Pos VI Sem	Average of Pos Attained	% of Attainment
PO1	0.909745	0.868142	1	0.97966	0.761	0.834227	0.892129	89%
PO2	0.934669	0.874104	1	0.98259	0.75618	0.842882	0.8984041	90%
PO3	0.891987	0.868706	1	0.98033	0.801021	0.873793	0.9026395	90%
PO4	0.901211	0.86964	1	0.97366	0.83616	0.818935	0.8999343	90%
PO5	0.905953	0.868832	1	0.98525	0.796	0.833	0.8981725	90%
PO6	0.887459	0.858311	1	0.98325	0.799665	0.886421	0.9020176	90%

CZAqT CCAA Attainment 2019-2020

POs	Sum of Weighed product/ Weighted Sum of Pos I Sem	Sum of Weighed product/ Weighted Sum of Pos II Sem	Sum of Weighed product/ Weighted Sum of Pos III Sem	Sum of Weighed product/ Weighted Sum of Pos IV Sem	Sum of Weighed product/ Weighted Sum of Pos V Sem	Sum of Weighed product/ Weighted Sum of Pos VI Sem	Average of Pos Attained	% of Attainment
PO1	1	1	1	1	1	1	1	100%
PO2	1	1	1	1	1	1	1	100%
PO3	1	1	1	1	1	1	1	100%
PO4	1	1	1	1	1	1	1	100%
PO5	1	1	1	1	1	1	1	100%
PO6	1	1	1	1	1	1	1	100%

CZAqT FA Attainment 2019-2020

POs	Sum of Weighed product/ Weighted Sum of Pos I Sem	Sum of Weighed product/ Weighted Sum of Pos II Sem	Sum of Weighed product/ Weighted Sum of Pos III Sem	Sum of Weighed product / Weighted Sum of Pos IV Sem	Sum of Weighed product/ Weighted Sum of Pos V Sem	Sum of Weighed product/ Weighted Sum of Pos VI Sem	Average of Pos Attained	% of Attainment
PO1	0.884738	0.897426	0.966007	1	0.927246	1	0.945902833	95%
PO2	0.901194	0.947928	0.975669	1	0.928934	1	0.9558954167	96%
PO3	0.86636	0.891085	0.96386	1	0.926229	1	0.941255667	94%
PO4	0.879279	0.904944	0.976139	1	0.941509	1	0.950311833	95%
PO5	0.857038	0.895755	0.957083	1	0.959935	1	0.9449685	94%
PO6	0.855648	0.910135	0.940767	1	0.949004	1	0.942592333	94%



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B.Sc CBMB SEM-VI MSA(IA) Assessment Attainment

POs	Chem Paper VIB	PO Attainment	Weighted product	Chem Paper-VIII C1	PO Attainment	Weighted product	Chem Paper-VIII C2	PO Attainment	Weighted product	Chem Paper-VIII C3	PO Attainment	Weighted product	Micr oVII	PO Attainment	Weighted product	Micr oVIII A1	PO Attainment	Weighted product	Micr oVIII A2	PO Attainment	Weighted product	Micr oVIII A3	PO Attainment	Weighted product	Botany Paper VII A	PO Attainment	Weighted product	Botany Paper-VIII A1	PO Attainment	Weighted product	Botany Paper-VIII A2	PO Attainment	Weighted product	Botany Paper-VIII A3	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of
PO1	1.5	0.94	1.42	2.5	1	2.5	2.75	1	2.75	1.75	0.67	1.17	2	0.36	0.72	0.3	0.64	0.19	3	0.85	2.55	3	0.64	1.92	1.4	1	1.4	1.6	1	1.6	1.6	0.75	1.2	1.6	0.75	1.2	23	18.6	0.81
PO2	2.25	0.94	2.12	1	1	1	0.75	1	0.75	2.25	0.67	1.5	2	0.36	0.72	2	0.64	1.28	3	0.85	2.55	3	0.64	1.92	1.4	1	1.4	1.6	1	1.6	1.8	0.75	1.35	1.4	0.75	1.05	22.5	17.2	0.77
PO3	0.75	0.94	0.71	2.5	1	2.5	2	1	2	2.5	0.67	1.67	3	0.36	1.08	1.3	0.64	0.83	1.5	0.85	1.28	2	0.64	1.28	1.4	1	1.4	2	1	2	2.2	0.75	1.65	1.8	0.75	1.35	23	17.7	0.77
PO4	0.25	0.94	0.24	2.25	1	2.25	2.75	1	2.75	2.25	0.67	1.5	2	0.36	0.72	2.6	0.64	1.66	3	0.85	2.55	3	0.64	1.92	1.6	1	1.6	1.6	1	1.6	1.6	0.75	1.2	2	0.75	1.5	24.9	19.5	0.78
PO5	2	0.94	1.89	3	1	3	3	1	3	2.25	0.67	1.5	2.5	0.36	0.9	2.6	0.64	1.66	3	0.85	2.55	3	0.64	1.92	1.6	1	1.6	1.6	1	1.6	1.6	0.75	1.2	1.8	0.75	1.35	28	22.2	0.79
PO6	1.75	0.94	1.65	1.75	1	1.75	2	1	2	2.25	0.67	1.5	2	0.36	0.72	1.6	0.64	1.02	2	0.85	1.7	2	0.64	1.28	1.4	1	1.4	2.2	1	2.2	1.6	0.75	1.2	1.8	0.75	1.35	22.4	17.8	0.8

B.Sc CBMB SEM-VI CCAA Assessment Attainment

POs	Chem Paper VIB	PO Attainment	Weighted product	Chem Paper-VIII C1	PO Attainment	Weighted product	Chem Paper-VIII C2	PO Attainment	Weighted product	Chem Paper-VIII C3	PO Attainment	Weighted product	Micr oVII	PO Attainment	Weighted product	Micr oVIII A1	PO Attainment	Weighted product	Micr oVIII A2	PO Attainment	Weighted product	Micr oVIII A3	PO Attainment	Weighted product	Botany Paper VII A	PO Attainment	Weighted product	Botany Paper-VIII A1	PO Attainment	Weighted product	Botany Paper-VIII A2	PO Attainment	Weighted product	Botany Paper-VIII A3	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of POs			
PO1	1.5	1	1.5	2.5	1	2.5	2.75	1	2.75	1.75	1	1.75	2	0.21	0.42	0.3	0.28	0.08	3	0.14	0.42	3	0.14	0.42	1.4	1	1.4	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	23	16	0.7
PO2	2.25	1	2.25	1	1	1	0.75	1	0.75	2.25	1	2.25	2	0.21	0.42	2	0.28	0.56	3	0.14	0.42	3	0.14	0.42	1.4	1	1.4	1.6	1	1.6	1.8	1	1.8	1.4	1	1.4	22.5	14.3	0.64			
PO3	0.75	1	0.75	2.5	1	2.5	2	1	2	2.5	1	2.5	3	0.21	0.63	1.3	0.28	0.36	1.5	0.14	0.21	2	0.14	0.28	1.4	1	1.4	2	1	2	2.2	1	2.2	1.8	1	1.8	23	16.6	0.72			
PO4	0.25	1	0.25	2.25	1	2.25	2.75	1	2.75	2.25	1	2.25	2	0.21	0.42	2.6	0.28	0.73	3	0.14	0.42	3	0.14	0.42	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	1.8	1	1.8	24.9	16.3	0.65
PO5	2	1	2	3	1	3	3	1	3	2.25	1	2.25	2.5	0.21	0.53	2.6	0.28	0.73	3	0.14	0.42	3	0.14	0.42	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	1.8	1	1.8	28	18.9	0.68
PO6	1.75	1	1.75	1.75	1	1.75	2	1	2	2.25	1	2.25	2	0.21	0.42	1.6	0.28	0.45	2	0.14	0.28	2	0.14	0.28	1.4	1	1.4	2.2	1	2.2	1.6	1	1.6	1.8	1	1.8	22.4	16.2	0.72			

B.Sc CBMB SEM-VI FA Assessment Attainment

POs	Chem Paper VIII B	PO Attainment	Weighted product	Chem Paper-VIII C1	PO Attainment	Weighted product	Chem Paper-VIII C2	PO Attainment	Weighted product	Chem Paper-VIII C3	PO Attainment	Weighted product	Micro VII	PO Attainment	Weighted product	Micro VIII A1	PO Attainment	Weighted product	Micro VIII A2	PO Attainment	Weighted product	Micro VIII A3	PO Attainment	Weighted product	Botany Paper VII A	PO Attainment	Weighted product	Botany Paper-VIII A1	PO Attainment	Weighted product	Botany Paper-VIII A2	PO Attainment	Weighted product	Botany Paper-VIII A3	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of POs
PO1	1.5	1	1.5	2.5	1	2.5	2.75	1	2.75	1.75	1	1.75	2	0.89	1.78	0.3	1	0.3	3	1	3	3	1	3	1.4	1	1.4	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	23	22.8	0.99
PO2	2.25	1	2.25	1	1	1	0.75	1	0.75	2.25	1	2.25	2	0.89	1.78	2	1	2	3	1	3	3	1	3	1.4	1	1.4	1.6	1	1.6	1.8	1	1.8	1.4	1	1.4	22.5	22.2	0.99
PO3	0.75	1	0.75	2.5	1	2.5	2	1	2	2.5	1	2.5	3	0.89	2.67	1.3	1	1.3	1.5	1	1.5	2	1	2	1.4	1	1.4	2	1	2	2.2	1	2.2	1.8	1	1.8	23	22.6	0.99
PO4	0.25	1	0.25	2.25	1	2.25	2.75	1	2.75	2.25	1	2.25	2	0.89	1.78	2.6	1	2.6	3	1	3	3	1	3	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	2	1	2	24.9	24.7	0.99
PO5	2	1	2	3	1	3	3	1	3	2.25	1	2.25	2.5	0.89	2.23	2.6	1	2.6	3	1	3	3	1	3	1.6	1	1.6	1.6	1	1.6	1.6	1	1.6	1.8	1	1.8	28	27.7	0.99
PO6	1.75	1	1.75	1.75	1	1.75	2	1	2	2.25	1	2.25	2	0.89	1.78	1.6	1	1.6	2	1	2	2	1	2	1.4	1	1.4	2.2	1	2.2	1.6	1	1.6	1.8	1	1.8	22.4	22.1	0.99

B.Sc CBMB SEM-V MSA(IA) Assessment Attainment

POs	Chem Paper V	PO Attainment	Weighted product	Chem Paper-VI	PO Attainment	Weighted product	Micro V	PO Attainment	Weighted product	Micro VI	PO Attainment	Weighted product	Bot Paper-V	PO Attainment	Weighted product	Bot Paper VI	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of POs
PO1	1.5	0.56	0.83	2.5	0.56	1.39	0.7	0.31	0.03	1.2	0.1	0.12	1.6	0.94	1.5	1.6	0.94	1.5	9.1	5.37	0.59
PO2	2.25	0.56	1.25	2.75	0.56	1.53	2.2	0.31	0.68	2.2	0.1	0.22	1.3	0.94	1.22	1.3	0.94	1.22	12	6.12	0.51
PO3	0.75	0.56	0.42	2.25	0.56	1.25	2	0.31	0.62	2.2	0.1	0.22	1.6	0.94	1.5	1.8	0.94	1.69	10.6	5.7	0.54
PO4	0.25	0.56	0.14	1.5	0.56	0.83	2.7	0.31	0.84	3	0.1	0.3	2.6	0.94	2.44	2.6	0.94	2.44	12.7	6.99	0.55
PO5	2	0.56	1.11	1.5	0.56	0.83	2.5	0.31	0.78	2.2	0.1	0.22	2	0.94	1.88	2.4	0.94	2.25	12.6	7.07	0.56
PO6	1.75	0.56	0.97	2	0.56	1.11	1.7	0.31	0.53	2	0.1	0.2	2.6	0.94	2.44	2.6	0.94	2.44	12.7	7.69	0.61

#REF!

B.Sc CBMB SEM-V CCAA Assessment Attainment

B.Sc CBMB SEM-V CCAA Assessment Attainment																				
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POs	Chem Paper V	PO Attainment	Weighted product	Chem Paper-VI	PO Attainment	Weighted product	Micr oV	PO Attainment	Weighted product	Micr oVI	PO Attainment	Weighted product	Bot Paper -V	PO Attainment	Weighted product	Bot Paper VI	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/ Weighted Sum of POs			
PO1	1.5	1	1.5	2.5	1	2.5	0.7	1	0.7	1.2	0.84	1.01	1.6	1	1.6	1.6	1	1.6	9.1	8.91	0.98			
PO2	2.25	1	2.25	2.75	1	2.75	2.2	1	2.2	2.2	0.84	1.85	1.3	1	1.3	1.3	1	1.3	12	11.6	0.97			
PO3	0.75	1	0.75	2.25	1	2.25	2	1	2	2.2	0.84	1.85	1.6	1	1.6	1.8	1	1.8	10.6	10.2	0.97			
PO4	0.25	1	0.25	1.5	1	1.5	2.7	1	2.7	3	0.84	2.52	2.6	1	2.6	2.6	1	2.6	12.7	12.2	0.96			
PO5	2	1	2	1.5	1	1.5	2.5	1	2.5	2.2	0.84	1.85	2	1	2	2.4	1	2.4	12.6	12.2	0.97			
PO6	1.75	1	1.75	2	1	2	1.7	1	1.7	2	0.84	1.68	2.6	1	2.6	2.6	1	2.6	12.7	12.3	0.97			

B.Sc CBMB SEM-V FA Assessment Attainment

POs	Chem Paper V	PO Attainment	Weighted product	Chem Paper-VI	PO Attainment	Weighted product	Micr oV	PO Attainment	Weighted product	Micr oVI	PO Attainment	Weighted product	Bot Paper -V	PO Attainment	Weighted product	Bot Paper VI	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/ Weighted Sum of POs			
PO1	1.5	1	1.5	2.5	1	2.5	0.7	1	0.7	1.2	1	1.2	1.6	0.94	1.6	1.6	1	1.6	9.1	9.1	1			
PO2	2.25	1	2.25	2.75	1	2.75	2.2	1	2.2	2.2	1	2.2	1.3	0.94	1.3	1.3	1	1.3	12	12	1			
PO3	0.75	1	0.75	2.25	1	2.25	2	1	2	2.2	1	2.2	1.6	0.94	1.6	1.8	1	1.8	10.6	10.6	1			
PO4	0.25	1	0.25	1.5	1	1.5	2.7	1	2.7	3	1	3	2.6	0.94	2.6	2.6	1	2.6	12.7	12.7	1			
PO5	2	1	2	1.5	1	1.5	2.5	1	2.5	2.2	1	2.2	2	0.94	2	2.4	1	2.4	12.6	12.6	1			
PO6	1.75	1	1.75	2	1	2	1.7	1	1.7	2	1	2	2.6	0.94	2.6	2.6	1	2.6	12.7	12.7	1			

B.Sc CBMB SEM-IV MSA(IA) Assessment Attainment

POs	Chem Paper-IV	PO Attainment	Weighted product	MicroPaper-IV	PO Attainment	Weighted product	Bot IV	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/ Weighted Sum of POs												
PO1	2	1	2	1.4	1	1.4	1.8	0.78	1.4	5.2	4.8	0.92												
PO2	1.25	1	1.25	2.2	1	2.2	1.3	0.78	1.01	4.75	4.46	0.94												
PO3	2	1	2	2	1	2	2	0.78	1.56	6	5.56	0.93												
PO4	2.25	1	2.25	2.4	1	2.4	2.8	0.78	2.18	7.45	6.83	0.92												
PO5	2	1	2	2.2	1	2.2	2	0.78	1.56	6.2	5.76	0.93												
PO6	1.75	1	1.75	2.4	1	2.4	2	0.78	1.56	6.15	5.71	0.93												

B.Sc CBMB SEM-IV CCAA Assessment Attainment

POs	Chem Paper-IV	PO Attainment	Weighted product	MicroPaper-IV	PO Attainment	Weighted product	Bot IV	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/ Weighted Sum of POs												
PO1	2	1	2	1.4	0.89	1.25	1.8	1	1.8	5.2	5.05	0.97												
PO2	1.25	1	1.25	2.2	0.89	1.96	1.3	1	1.3	4.75	4.51	0.95												
PO3	2	1	2	2	0.89	1.78	2	1	2	6	5.78	0.96												
PO4	2.25	1	2.25	2.4	0.89	2.14	2.8	1	2.8	7.45	7.19	0.96												
PO5	2	1	2	2.2	0.89	1.96	2	1	2	6.2	5.96	0.96												
PO6	1.75	1	1.75	2.4	0.89	2.14	2	1	2	6.15	5.89	0.96												

B.Sc CBMB SEM-IV FA Assessment Attainment

POs	Chem Paper-IV	PO Attainment	Weighted product	MicroPaper-IV	PO Attainment	Weighted product	Bot IV	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/ Weighted Sum of POs											
PO1	2	1	2	1.4	0.89	1.25	1.8	1	1.8	5.2	5.05	0.97											
PO2	1.25	1	1.25	2.2	0.89	1.96	1.3	1	1.3	4.75	4.51	0.95											
PO3	2	1	2	2	0.89	1.78	2	1	2	6	5.78	0.96											
PO4	2.25	1	2.25	2.4	0.89	2.14	2.8	1	2.8	7.45	7.19	0.96											
PO5	2	1	2	2.2	0.89	1.96	2	1	2	6.2	5.96	0.96											
PO6	1.75	1	1.75	2.4	0.89	2.14	2	1	2	6.15	5.89	0.96											

B.Sc CBMB SEM-III MSA(IA) Assessment Attainment

POs	Chem Paper III	PO Attainment	Weighted product	Micro III	PO Attainment	Weighted product	Bot III	PO Attainment	Weighted product	Eng III	PO Attainment	Weighted product	Tel III	PO Attainment	Weighted product	Hin III	PO Attainment	Weighted product	San III	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/ Weighted Sum of POs
PO1	1.25	0.68	0.86	0.7	0.52	0.36	2	0.68	1.36	2.6	1	2.6	2.1	1	2.1	2.8	1	2.8	2.4	1	2.4	16.3	12.5	0.77
PO2	0.75	0.68	0.51	2.2	0.52	1.14	1.3	0.68	0.88	2.1	1	2.1	2.5	1	2.5	2.3	1	2.3	2.25	1	2.25	15.7	11.7	0.75
PO3	1.25	0.68	0.86	2.7	0.52	1.4	2.2	0.68	1.49	2.3	1	2.3	2.5	1	2.5	2.6	1	2.6	2.4	1	2.4	18.4	13.5	0.74
PO4	0.75	0.68	0.51	3	0.52	1.56	2.4	0.68	1.63	2.3	1	2.3	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	18.1	13.1	0.73
PO5	1.75	0.68	1.2	1.7	0.52	0.88	2	0.68	1.36	2.5	1	2.5	2	1	2	2.3	1	2.3	2.25	1	2.25	16.8	12.5	0.75
PO6	2.25	0.68	1.54	3	0.52	1.56	2	0.68	1.36	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5	1	2.5	19	13.7	0.72

B.Sc CBMB SEM-III CCAA Assessment Attainment

POs	Chem Paper III	PO Attainment	Weighted product	MicroPaper III	PO Attainment	Weighted product	Bot III	PO Attainment	Weighted product	Eng III	PO Attainment	Weighted product	Tel III	PO Attainment	Weighted product	Hin III	PO Attainment	Weighted product	San III	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of POs	
PO1	1.25	1	1.25	0.7	0.84	0.59	2	1	2	2.6	1	2.6	2.1	0.81	1.7	2.8	1	2.8	2.4	1	2.4	16.3	13.3	0.82	
PO2	0.75	1	0.75	2.2	0.84	1.85	1.3	1	1.3	2.1	1	2.1	2.5	0.81	2.03	2.3	1	2.3	2.25	1	2.25	15.7	12.6	0.8	
PO3	1.25	1	1.25	2.7	0.84	2.27	2.2	1	2.2	2.3	1	2.3	2.5	0.81	2.03	2.6	1	2.6	2.4	1	2.4	18.4	15	0.82	
PO4	0.75	1	0.75	3	0.84	2.52	2.4	1	2.4	2.3	1	2.3	2.3	0.81	1.86	2.3	1	2.3	2.5	1	2.5	18.1	14.6	0.81	
PO5	1.75	1	1.75	1.7	0.84	1.43	2	1	2	2.5	1	2.5	2	0.81	1.62	2.3	1	2.3	2.25	1	2.25	16.8	13.8	0.83	
PO6	2.25	1	2.25	3	0.84	2.52	2	1	2	2.3	1	2.3	1.6	0.81	1.3	2.8	1	2.8	2.5	1	2.5	19	15.7	0.83	
B.Sc CBMB SEM-III FA Assessment Attainment																									
POs	Chem Paper III	PO Attainment	Weighted product	Micro III	PO Attainment	Weighted product	Bot III	PO Attainment	Weighted product	Eng III	PO Attainment	Weighted product	Tel III	PO Attainment	Weighted product	Hin III	PO Attainment	Weighted product	San III	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of POs	
PO1	1.25	0.9	1.12	0.7	0.94	0.66	2	0.89	1.78	2.6	1	2.6	2.1	1	2.1	2.8	1	2.8	2.4	1	2.4	16.3	13.5	0.83	
PO2	0.75	0.9	0.67	2.2	0.94	2.07	1.3	0.89	1.16	2.1	1	2.1	2.5	1	2.5	2.3	1	2.3	2.25	1	2.25	15.7	13	0.83	
PO3	1.25	0.9	1.12	2.7	0.94	2.54	2.2	0.89	1.95	2.3	1	2.3	2.5	1	2.5	2.6	1	2.6	2.4	1	2.4	18.4	15.4	0.84	
PO4	0.75	0.9	0.67	3	0.94	2.82	2.4	0.89	2.13	2.3	1	2.3	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	18.1	15	0.83	
PO5	1.75	0.9	1.57	1.7	0.94	1.6	2	0.89	1.78	2.5	1	2.5	2	1	2	2.3	1	2.3	2.25	1	2.25	16.8	14	0.84	
PO6	2.25	0.9	2.01	3	0.94	2.82	2	0.89	1.78	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5	1	2.5	19	15.8	0.83	
B.Sc CBMB SEM-II MSA(IA) Assessment Attainment																									

POs	Chem Paper-II	PO Attainment	Weighted product	Micr oII	PO Attainment	Weighted product	Bot II	PO Attainment	Weighted product	Eng II	PO Attainment	Weighted product	Tel II	PO Attainment	Weighted product	Hin II	PO Attainment	Weighted product	San II	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of POs	
PO1	2	0.95	1.9	0.6	0.8	0.48	1.8	0.8	1.44	2.6	1	2.6	2.1	1	2.1	2.6	1	2.6	2.4	1	2.4	14.1	13.5	0.96	
PO2	0.4	0.95	0.38	2	0.8	1.6	1.8	0.8	1.44	2.5	1	2.5	2.5	1	2.5	2.5	1	2.5	2.25	1	2.25	14	13.2	0.94	
PO3	2.2	0.95	2.09	1.3	0.8	1.04	1.6	0.8	1.28	2.5	1	2.5	2.5	1	2.5	2.5	1	2.5	2.4	1	2.4	15	14.3	0.95	
PO4	1.8	0.95	1.71	3	0.8	2.4	1.6	0.8	1.28	2.5	1	2.5	2.3	1	2.3	3	1	3	2.5	1	2.5	16.7	15.7	0.94	
PO5	2.4	0.95	2.16	2.3	0.8	1.84	2	0.8	1.6	2.3	1	2.3	2	1	2	2.6	1	2.6	2.25	1	2.25	15.9	14.8	0.93	
PO6	1.6	0.95	1.52	2.3	0.8	1.84	2	0.8	1.6	2.6	1	2.6	1.6	1	1.6	2.8	1	2.8	2.5	1	2.5	15.4	14.5	0.94	
B.Sc CBMB SEM-II CCAA Assessment Attainment																									
POs	Chem Paper-II	PO Attainment	Weighted product	Micr oII	PO Attainment	Weighted product	Bot II	PO Attainment	Weighted product	Eng II	PO Attainment	Weighted product	Tel II	PO Attainment	Weighted product	Hin II	PO Attainment	Weighted product	San II	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of POs	
PO1	2	1	2	0.6	0.95	0.57	1.8	1	1.8	2.6	0.95	2.47	2.1	0.91	1.91	2.6	1	2.6	2.4	1	2.4	14.1	13.8	0.98	
PO2	0.4	1	0.4	2	0.95	1.9	1.8	1	1.8	2.1	0.95	2	2.5	0.91	2.28	2.5	1	2.5	2.25	1	2.25	13.6	13.1	0.97	
PO3	2.2	1	2.2	1.3	0.95	1.24	1.6	1	1.6	2.3	0.95	2.19	2.5	0.91	2.28	2.5	1	2.5	2.4	1	2.4	14.8	14.4	0.97	
PO4	1.8	1	1.8	3	0.95	2.85	1.6	1	1.6	2.3	0.95	2.19	2.3	0.91	2.09	3	1	3	2.5	1	2.5	16.5	16	0.97	
PO5	2.4	1	2.4	2.3	0.95	2.19	2	1	2	2.5	0.95	2.38	2	0.91	1.82	2.6	1	2.6	2.25	1	2.25	16.1	15.6	0.97	
PO6	1.6	1	1.6	2.3	0.95	2.19	2	1	2	2.3	0.95	2.19	1.6	0.91	1.46	2.8	1	2.8	2.5	1	2.5	15.1	14.7	0.98	
B.Sc CBMB SEM-II FA Assessment Attainment																									

POs	Chem Paper-II	PO Attainment	Weighted product	MicroII	PO Attainment	Weighted product	Bot II	PO Attainment	Weighted product	Eng II	PO Attainment	Weighted product	Tel II	PO Attainment	Weighted product	Hin II	PO Attainment	Weighted product	San II	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of POs	
PO1	2	0.55	1.1	0.6	0.9	0.54	1.8	0.9	1.62	2.3	0.9	2.07	2.1	0.91	1.91	2.6	1	2.6	2.4	0.75	1.8	13.8	11.6	0.84	
PO2	0.4	0.55	0.22	2	0.9	1.8	1.8	0.9	1.62	2.3	0.9	2.07	2.5	0.91	2.28	2.5	1	2.5	2.25	0.75	1.69	13.8	12.2	0.89	
PO3	2.2	0.55	1.21	1.3	0.9	1.17	1.6	0.9	1.44	2.1	0.9	1.89	2.5	0.91	2.28	2.5	1	2.5	2.4	0.75	1.8	14.6	12.3	0.84	
PO4	1.8	0.55	0.99	3	0.9	2.7	1.6	0.9	1.44	2.1	0.9	1.89	2.3	0.91	2.09	3	1	3	2.5	0.75	1.88	16.3	14	0.86	
PO5	2.4	0.55	1.32	2.3	0.9	2.07	2	0.9	1.8	2.3	0.9	2.07	2	0.91	1.82	2.6	1	2.6	2.25	0.75	1.69	15.9	13.4	0.84	
PO6	1.6	0.55	0.88	2.3	0.9	2.07	2	0.9	1.8	2.3	0.9	2.07	1.6	0.91	1.46	2.8	1	2.8	2.5	0.75	1.88	15.1	13	0.86	
B.Sc CBMB SEM-I MSA(IA) Assessment Attainment																									
POs	Chem Paper I	PO Attainment	Weighted product	MicroI	PO Attainment	Weighted product	Bot I	PO Attainment	Weighted product	Eng I	PO Attainment	Weighted product	Tel I	PO Attainment	Weighted product	Hin I	PO Attainment	Weighted product	San I	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of POs	
PO1	1	0.91	0.91	1.3	0.61	0.79	1.6	0.76	1.2	2.6	1	2.6	2.5	1	2.5	2.8	1	2.8	2.4	1	2.4	14.2	13.2	0.93	
PO2	0	0.91	0	2.3	0.61	1.4	1.8	0.76	1.3	2.5	1	2.5	2	1	2	2.6	1	2.6	2.25	1	2.25	13.5	12.1	0.9	
PO3	1.6	0.91	1.45	2	0.61	1.22	1.6	0.76	1.2	2.5	1	2.5	2.1	1	2.1	2.6	1	2.6	2.4	1	2.4	14.8	13.5	0.91	
PO4	1.2	0.91	1.09	2.6	0.61	1.59	1.8	0.76	1.3	2.5	1	2.5	2.5	1	2.5	2.6	1	2.6	2.5	1	2.5	15.7	14.1	0.9	
PO5	1.4	0.91	1.27	2	0.61	1.22	2	0.76	1.5	2.3	1	2.3	2.3	1	2.3	2.8	1	2.8	2.25	1	2.25	15.1	13.6	0.91	
PO6	1.8	0.91	1.63	2.3	0.61	1.4	2	0.76	1.5	2.6	1	2.6	1.6	1	1.6	2.6	1	2.6	2.5	1	2.5	15.4	13.8	0.9	
B.Sc CBMB SEM-I CCAA Assessment Attainment																									

POs	Chem Paper I	PO Attainment	Weighted product	MicroI	PO Attainment	Weighted product	Bot I	PO Attainment	Weighted product	Eng I	PO Attainment	Weighted product	Tel I	PO Attainment	Weighted product	Hin I	PO Attainment	Weighted product	San I	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of POs
PO1	1	1	1	1.3	0.76	0.99	1.6	1	1.6	2.6	1	2.6	2.5	1	2.5	2.8	1	2.8	2.4	0.88	2.11	14.2	13.6	0.96
PO2	0	1	0	2.3	0.76	1.75	1.8	1	1.8	2.5	1	2.5	2	1	2	2.6	1	2.6	2.25	0.88	1.98	13.5	12.6	0.94
PO3	1.6	1	1.6	2	0.76	1.52	1.6	1	1.6	2.5	1	2.5	2.1	1	2.1	2.6	1	2.6	2.4	0.88	2.11	14.8	14	0.95
PO4	1.2	1	1.2	2.6	0.76	1.98	1.8	1	1.8	2.5	1	2.5	2.5	1	2.5	2.6	1	2.6	2.5	0.88	2.2	15.7	14.8	0.94
PO5	1.4	1	1.4	2	0.76	1.52	2	1	2	2.3	1	2.3	2.3	1	2.3	2.8	1	2.8	2.25	0.88	1.98	15.1	14.3	0.95
PO6	1.8	1	1.8	2.3	0.76	1.75	2	1	2	2.6	1	2.6	1.6	1	1.6	2.6	1	2.6	2.5	0.88	2.2	15.4	14.5	0.94

B.Sc CBMB SEM-I FA Assessment Attainment

POs	Chem Paper I	PO Attainment	Weighted product	MicroI	PO Attainment	Weighted product	Bot I	PO Attainment	Weighted product	Eng I	PO Attainment	Weighted product	Tel I	PO Attainment	Weighted product	Hin I	PO Attainment	Weighted product	San I	PO Attainment	Weighted product	Weighted Sum of Pos	Sum of Weighted product	Sum of Weighted product/Weighted Sum of POs
PO1	1	0.48	0.48	1.3	1	1.3	1.6	0.8	1.2	2.6	1	2.6	2.5	1	2.5	2.8	1	2.8	2.4	1	2.4	14.2	13.3	0.93
PO2	0	0.48	0	2.3	1	2.3	1.8	0.8	1.4	2.5	1	2.5	2	1	2	2.6	1	2.6	2.25	1	2.25	13.5	13.1	0.97
PO3	1.6	0.48	0.76	2	1	2	1.6	0.8	1.2	2.5	1	2.5	2.1	1	2.1	2.6	1	2.6	2.4	1	2.4	14.8	13.6	0.92
PO4	1.2	0.48	0.57	2.6	1	2.6	1.8	0.8	1.4	2.5	1	2.5	2.5	1	2.5	2.6	1	2.6	2.5	1	2.5	15.7	14.7	0.93
PO5	1.4	0.48	0.67	2	1	2	2	0.8	1.6	2.3	1	2.3	2.3	1	2.3	2.8	1	2.8	2.25	1	2.25	15.1	13.9	0.92
PO6	1.8	0.48	0.86	2.3	1	2.3	2	0.8	1.6	2.6	1	2.6	1.6	1	1.6	2.6	1	2.6	2.5	1	2.5	15.4	14.1	0.91

ASD GOVERNMENT DEGREE COLLEGE FOR WOMEN (A), KAKINADA

CO PO ATTAINMENT (2021-22) OUT GOING BATCH

1: Slight [Low]; 2: Moderate [Medium]; 3: Substantial [High], 4: (No Correlation)

I B.SC (MPC-EM) CO-PO Mapping tables SEM-1

SEM-I:ENGLISH- A COURSE IN COMMUNICATION AND SOFT SKILLS

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	3	2	3	2	3
CO2	3	2	3	3	2	3
CO3	2	2	3	2	2	2
CO4	3	3	2	2	2	3
CO5	3	2	2	3	3	2
CO6	3	3	3	2	3	3
Average	2.6	2.5	2.5	2.5	2.3	2.6

SEM-I:TELUGU- Pracheena Telugu kavivam

B.Sc	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	3	2	2	2
CO2	2	1	2	3	3	2
CO3	2	2	3	3	3	1
CO4	3	2	2	1	1	2
CO5	2	3	2	3	3	2
CO6	3	1	1	3	2	1
Average	2.5	2.0	2.1	2.5	2.3	1.6

SEM-I: - General Hindi- Prose, Short Stories Grammar & Letter writing

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	3	3	2	3
CO2	3	3	3	2	2	3
CO3	2	3	3	3	3	2
CO4	2	2	2	3	2	3
CO5	3	2	2	2	3	2
CO6	3	3	3	3	3	3
%	2.6	2.5	2.6	2.6	2.3	2.6

SEM-I: - SANSKRIT - Poetry, prose& Grammar -1

	PO1	PO2	PO3	PO4	PO5	P06
CO1	2	1	1	2	4	2
CO2	4	2	5	2	2	4
CO3	5	2	4	2	1	2
CO4	1	4	2	4	2	2
Average	2.4	2.2	2.4	2.5	2.5	2.5

Semester-I: Differential Equations

CO\PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6
CO-1	3	1	3	1	3	1
CO-2	2	1	3	1	2	1
CO-3	2	1	2	1	2	1
CO-4	3	1	2	1	3	1
CO-5	3	1	3	1	2	1
AVG	2.6	1	2.6	1	2.4	1

SEM-1, PAPER-1, Mechanics and properties of matter

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	1	2	2	3	3
CO 2	3	0	2	1	2	2
CO 3	2	1	3	2	3	3
CO 4	2	1	3	2	2	3
AVG	2.25	0.75	2.5	1.75	2.5	2.75

Paper-I (Inorganic and organic chemistry)

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	1	1	1	0	2	3
CO 2	2	1	2	3	3	3
CO 3	0	1	2	1	1	0
CO 4	1	1	2	1	1	2
CO 5	1	1	1	1	0	1
AVG	1	1	1.6	1.2	1.4	1.8

SEM-1 ,Calculating attainment at each level of course MPC

Courses	No of students attended	No of students attained			CO_CCAA	CO_MSA	CO_FA
		CCAA (≥ 7)	MSA(≥ 8)	FA(≥ 26)			
	(1)	(2)	(3)	(4)	(2)/(1)	(3)/(1)	(4)/(1)
ENGLISH-I	47	45	47	43	0.95	1	0.91
TELUGU-I	26	25	26	26	0.96	1	1
HINDI-I	02	02	02	02	1	1	1
SANSKRIT-I	19	19	19	18	1	1	0.94
MATHS-I	42	42	27	33	1	0.643	0.785
PHYSICS-I	43	43	20	33	1	0.465	0.767
CHEMISTRY-I	43	43	35	27	1	0.814	0.628

SEM-1 B.SC. (MPC-EM) CO-CURRICULAR ACTIVITY ASSESMENT ATTAINMENTS

POs	EN G I	PO Attai nmen t	Wei ghte d pro duct	TE L I	PO Atta inn ent	Wei ghte d pro duct	SANS KRIT I	P O At tai n men t	Wei ghte d pro duct	HIN DI I	PO Atta inn ent	Wei ghte d pro duct	MAT HS-I	PO Atta inn ent	Wei ghte d pro duct	PH Y-I	P O At tai n men t	Wei ghte d pro duct	CH E-I	PO Attain me	Wei ghte d pro duct	WEIGH TED SUM	Weight ed SUM	WEIGH TED AVER AGE
PO1	2.6	0.95	2.47	2.5	0.96	2.4	2.4	1	2.4	2.6	1	2.6	2.6	1	2.6	2.25	1	2.25	1	1	1	15.95	15.72	0.985
PO2	2.5	0.95	2.37	2.0	0.96	1.92	2.2	1	2.2	2.5	1	2.5	1	1	1	0.75	1	0.75	0	1	0	10.95	10.74	0.980
PO3	2.5	0.95	2.37	2.1	0.96	2.016	2.4	1	2.4	2.6	1	2.6	2.6	1	2.6	2.5	1	2.5	1.6	1	1.6	16.3	16.086	0.986
PO4	2.5	0.95	2.37	2.5	0.96	2.4	2.5	1	2.5	2.6	1	2.6	1	1	1	1.75	1	1.75	1.2	1	1.2	13.05	12.82	0.982
PO5	2.3	0.95	2.18	2.3	0.96	2.208	2.5	1	2.5	2.3	1	2.3	2.4	1	2.4	2.5	1	2.5	1.4	1	1.4	15.7	15.488	0.9864
PO6	2.6	0.95	2.37	1.6	0.96	1.536	2.5	1	2.5	2.6	1	2.6	1	1	1	2.75	1	2.75	1.8	1	1.8	14.85	14.556	0.9802

SEM-1,B.SC. (MPC-EM) MID SEMESTER ACTIVITY ASSESMENT ATTAINMENTS

POs	EN G I	PO Attain ment	Wei ghte d pro duct	TE L I	PO Attain ment	Wei ghte d pro duct	SA NS KRI T I	PO Attain ment	Wei ghte d pro duct	HIN DI I	PO Attain ment	Wei ghte d pro duct	MAT HS-I	PO Attain ment	Wei ghte d pro duct	PH Y-I	PO Attain ment	Wei ghte d pro duct	CH E-I	PO Attain ment	Wei ghte d pro duct	wei ghte d su m	weighte d sum	weigh ted avera ge
PO1	2.6	1	2.6	2.5	1	2.5	2.4	1	2.4	2.6	1	2.6	2.6	0.64 3	1.67	2.25	0.465	1.04 6	1	0.814	0.814	15.95	13.63	0.854
PO2	2.5	1	2.5	2.0	1	2.0	2.2	1	2.2	2.5	1	2.5	1	0.64 3	0.64 3	0.75	0.465	0.34 8	0	0.814	0	10.95	10.191	0.930
PO3	2.5	1	2.5	2.1	1	2.1	2.4	1	2.4	2.6	1	2.6	2.6	0.64 3	1.67	2.5	0.465	1.16 2	1.6	0.814	1.302	16.30	13.734	0.842
PO4	2.5	1	2.5	2.5	1	2.5	2.5	1	2.5	2.6	1	2.6	1	0.64 3	0.643	1.75	0.465	0.81 3	1.2	0.814	0.977	14.05	12.533	0.8920
PO5	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	2.3	1	2.3	2.4	0.64 3	1.54 4	2.5	0.465	1.16 2	1.4	0.814	1.14	15.70	13.246	0.843
PO6	2.6	1	2.6	1.6	1	1.6	2.5	1	2.5	2.6	1	2.6	1	0.64 3	0.64 3	2.75	0.465	1.27 8	1.8	0.814	1.465	14.85	12.686	0.854

SEM-1,B.SC. (MPC-EM) FINAL ASSESMENT ATTAINMENTS

POs	ENGI	PO Attainment	Weighted product	TELI	PO Attainment	Weighted product	SANSKRITI	PO Attainment	Weighted product	HINDI	PO Attainment	Weighted product	MATHS-I	PO Attainment	Weighted product	PHY-I	PO Attainment	Weighted product	CH E-I	PO Attainment	Weighted product	weighted sum	weighted sum	weighted average
PO1	2.6	0.91	2.36	2.5	1	2.5	2.4	0.94	2.256	2.6	1	2.6	2.6	0.785	2.041	2.25	0.767	1.72	1	0.628	0.628	15.95	14.105	0.884
PO2	2.5	0.91	2.27	2.0	1	2.0	2.2	0.94	2.068	2.5	1	2.5	1	0.785	0.785	0.75	0.767	0.57	0	0.628	0	10.95	10.193	0.930
PO3	2.5	0.91	2.27	2.1	1	2.1	2.4	0.94	2.256	2.6	1	2.6	2.6	0.785	2.041	2.5	0.767	1.91	1.6	0.628	1.005	16.3	14.182	0.870
PO4	2.5	0.91	2.27	2.5	1	2.5	2.5	0.94	2.35	2.6	1	2.6	1	0.785	0.785	1.75	0.767	1.34	1.2	0.628	0.754	14.05	12.599	0.897
PO5	2.3	0.91	2.09	2.3	1	2.3	2.5	0.94	2.35	2.3	1	2.3	2.4	0.785	1.89	2.5	0.767	1.91	1.4	0.628	0.879	15.7	13.719	0.873
PO6	2.6	0.91	2.36	1.6	1	1.6	2.5	0.94	2.35	2.6	1	2.6	1	0.785	0.785	2.75	0.767	2.10	1.8	0.628	1.130	14.85	12.925	0.870

I B.SC (MPC-EM) CO-PO Mapping tables SEM-2

SEM-II: ENGLISH -A COURSE IN READING AND WRITING SKILLS

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	2	2	2	2	3
CO2	3	2	3	1	2	1
CO3	3	3	2	2	2	2
CO4	2	3	1	3	3	3
CO5	2	3	3	2	2	2
CO6	2	2	2	3	3	3
	2.3	2.3	2.1	2.1	2.3	2.3

SEM-II: TELUGU -ADHUNIKA KAVITVAM

B.Sc	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	2	2	3	2
CO2	2	2	3	3	1	2
CO3	3	2	3	3	2	1
CO4	2	3	1	1	2	2
CO5	2	2	3	3	3	1
CO6	1	3	3	2	1	2
Average	2.1	2.5	2.5	2.3	2.0	1.6

SEM-II: - General Hindi- Prose, Short Stories Grammar & Letter writing

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	3	2	3	2
CO2	2	2	2	2	2	2
CO3	2	3	3	2	3	2
CO4	3	2	2	2	2	2
CO5	2	2	2	2	2	2
CO6	3	3	3	2	2	2
%	2.5	2.3	2.5	2	2.3	2

SEM-II: - SANSKRIT- Poetry,prose& Grammar -II

	PO1	PO2	PO3	PO4	PO5	P06
CO1	2	1	1	2	4	2
CO2	4	2	5	2	2	4
CO3	5	2	4	2	1	2
CO4	1	4	2	4	2	2
Average	2.4	2.25	2.4	2.5	2.25	2.5

Semester-II : MATHS-Analytical Solid Geometry

CO\PO	PO- 1	PO- 2	PO- 3	PO- 4	PO- 5	PO- 6
CO-1	3	1	3	1	3	1
CO-2	2	1	2	1	2	1
CO-3	2	1	3	1	2	1
CO-4	3	1	2	1	3	1
CO-5	3	1	2	1	2	1

AVG	2.6	1	2.4	1	2.4	1
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SEM-2, PHYSICS, Waves and Oscillations

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	1	2	3	2	2
CO 2	3	0	2	2	3	2
CO 3	2	1	3	3	2	2
AVG	2.33	0.66	2.33	2.66	2.33	2

SEM-2,CHEMISTRY, Physical and General chemistry

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	1	3	2	2	2
CO 2	2	0	3	1	2	3
CO 3	3	1	2	3	3	2
CO 4	1	0	1	1	2	0
CO 5	2	0	2	2	3	1
AVG	2	0.4	2.2	1.8	2.4	1.6

Calculating attainment at each level of course MPC

Courses	No of students attended	No of students attained			CO_CCAA	CO_MSA	CO_FA
		CCAA(≥ 7)	MSA(≥ 8)	FA(≥ 26)			
	(1)	(2)	(3)	(4)	(2)/(1)	(3)/(1)	(4)/(1)
ENGLISH-II A COURSE IN READING AND WRITING SKILLS	43	43	43	42	1	1	0.97
TELUGU-II ADHUNIKA KAVITVAM	26	26	26	25	1	1	0.96
HINDI-II Prose, Short Stories Grammar & Letter writing	02	02	02	02	1	1	1
SANSKRIT-II Poetry, prose& Grammar -II	16	13	16	16	0.81	1	1
MATHS-II Abstract algebra	43	43	38	41	1	0.88	0.953
PHYSICS-II Waves and Oscillations	42	42	26	33	1	0.619	0.785
CHEMISTRY-II Physical and General chemistry	43	43	36	29	1	0.837	0.674

SEM-2 MPC(-EM) CO-CURRICULAR ACTIVITY ASSESMENT ATTAINMENTS

POs	EN G II	PO Atta inment	Wei ghte d prod uct	TE L II	PO Atta inment	Wei ghte d prod uct	SA NS KRI T II	PO Attain ment	Weig hted prod uct	HIN DI II	PO Atta inment	Weig hted prod uct	MAT HS-II	PO Atta inment	Weig hted prod uct	PH Y-II	P O At tai n ment	Weig hted prod uct	CH E-II	PO Attain me	Wei gh ted prod uct	WEIGHT ED SUM	Wei ghted SUM	WEIG HTED AVER AGE
PO1	2.3	1	2.3	2.1	1	2.1	2.4	0.81	2.4	2.5	1	2.5	2.3	1	2.3	2.33	1	2.33	2	1	2	15.93	15.93	1
PO2	2.3	1	2.3	2.5	1	2.5	2.25	0.81	2.25	2.3	1	2.3	2	1	2	0.66	1	0.66	0.4	1	0.4	12.41	12.41	1
PO3	2.1	1	2.1	2.5	1	2.5	2.4	0.81	2.4	2.5	1	2.5	2.6	1	2.6	2.33	1	2.33	2.2	1	2.2	16.63	16.63	1
PO4	2.1	1	2.1	2.3	1	2.3	2.5	0.81	2.5	2	1	2	2.3	1	2.3	2.66	1	2.66	1.8	1	1.8	15.66	15.66	1
PO5	2.3	1	2.3	2.0	1	2.0	2.25	0.81	2.25	2.3	1	2.3	1.6	1	1.6	2.33	1	2.33	2.4	1	2.4	15.18	15.18	1
PO6	2.3	1	2.3	1.6	1	1.6	2.5	0.81	2.5	2	1	2	2	1	2	2	1	2	1.6	1	1.6	14.00	14.00	1

SEM-2 ,B.Sc. (MPC-EM) MID SEMESTER ACTIVITY ASSESMENT ATTAINMENTS

POs	EN G II	PO Atta inment	Wei ghte d pro duct	TE L II	PO Atta inment	Wei ghte d pro duct	SA NS KRI T II	PO Atta inment	Wei ghte d pro duct	HIN DI II	PO Atta inment	Wei ghte d pro duct	MAT HS-II	PO Attai nment	Wei ghte d pro duct	PH Y-II	PO Attain ment	Wei ghte d pro duct	CH E-II	PO Attain me	Wei gh ted pro duct	we igh ted su m	weighte d sum	weigh ted avera ge
PO 1	2.3	1	2.3	2.1	1	2.1	2.4	1	2.4	2.5	1	2.5	2.6	0.88	2.29	2.33	0.619	1.44	2	0.837	1.674	16.23	14.704	0.905
PO 2	2.3	1	2.3	2.5	1	2.5	2.25	1	2.25	2.3	1	2.3	1	0.88	0.88	0.66	0.619	0.40 8	0.4	0.837	0.335	11.41	10.973	0.961
PO 3	2.1	1	2.1	2.5	1	2.5	2.4	1	2.4	2.5	1	2.5	2.4	0.88	2.11	2.33	0.619	1.44 2	2.2	0.837	1.841	16.43	14.893	0.906
PO 4	2.1	1	2.1	2.3	1	2.3	2.5	1	2.5	2	1	2	1	0.88	0.88	2.66	0.619	1.64 6	1.8	0.837	1.507	14.36	12.053	0.8393
PO 5	2.3	1	2.3	2.0	1	2.0	2.25	1	2.25	2.3	1	2.3	2.4	0.88	2.11	2.33	0.619	1.44 2	2.4	0.837	2.01	15.98	14.412	0.901
PO 6	2.3	1	2.3	1.6	1	1.6	2.5	1	2.5	2	1	2	1	0.88	0.88	2	0.619	1.23 8	1.6	0.837	1.339	13.00	11.857	0.912

SEM-2,B.Sc. (MPC-EM) FINAL ASSESMENT ATTAINMENTS

POs	EN G II	P O A t t a i n m e n t	Weig hted pro du ct	TE L II	PO A t t a i n m e n t	Weig hte d p ro d u c t	SA NS KRI T II	PO A t t a i n m e n t	Weig hted p ro d u c t	HIN DI II	PO A t t a i n m e n t	Weig hted p ro d u c t	MAT HS-II	PO A t t a i n m e n t	Weight ed p ro d u c t	PHY- II	PO A t t a i n m e n t	Weig hted p ro d u c t	CH E-II	PO A t t a i n m e n t	Weig hte d p ro d u c t	weig hted sum	weig hted sum	weig hted avera ge
PO1	2.3	0.97	2.23	2.1	0.96	2.016	2.4	1	2.4	1	2.5	2.5	2.6	0.953	2.48	2.33	0.785	1.82	2	0.674	1.348	14.73	14.794	1.004
PO2	2.3	0.97	2.23	2.5	0.96	2.4	2.25	1	2.25	1	2.3	2.3	1	0.953	0.953	0.66	0.785	0.51	0.4	0.674	0.27	10.11	10.913	1.079
PO3	2.1	0.97	2.03	2.5	0.96	2.04	2.4	1	2.4	1	2.5	2.5	2.4	0.953	2.29	2.33	0.785	1.82	2.2	0.674	1.483	14.93	14.563	0.975
PO4	2.1	0.97	2.03	2.3	0.96	2.208	2.5	1	2.5	1	2	2	1	0.953	0.953	2.66	0.785	2.08	1.8	0.674	1.213	13.36	12.031	0.9005
PO5	2.3	0.97	2.23	2.0	0.96	1.92	2.25	1	2.25	1	2.3	2.3	2.4	0.953	2.29	2.33	0.785	1.82	2.4	0.674	1.618	14.68	14.428	0.9828
PO6	2.3	0.97	2.23	1.6	0.96	1.536	2.5	1	2.5	1	2	2	1	0.953	0.953	2	0.785	1.57	1.6	0.674	1.078	12.00	11.867	0.988

II B.SC (MPC-EM) CO-PO Mapping tables SEM-3

ENGLISH B.SC SEM-III: A COURSE IN CONVERSATIONAL SKILLS

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	2	2	2
CO2	3	2	2	2	2	2
CO3	2	2	3	2	3	3
CO4	3	3	2	3	2	2
CO5	3	2	3	3	3	2
CO6	2	2	3	2	3	3
Average	2.6	2.1	2.3	2.3	2.5	2.3

TELUGU-SEM-III -SRUJANA BHARATHI

B.Sc	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	2	2	3	2
CO2	2	3	3	3	1	2
CO3	3	2	2	3	2	1
CO4	2	2	2	1	2	2
CO5	2	2	3	3	3	1
CO6	1	3	3	2	1	2
Average	2.1	2.5	2.5	2.3	2.0	1.6

HINDI-SEM-III SEM-III: Old and Modern Poetry & a History of Hindi Literature

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	3	3	3	3
CO2	2	3	3	2	2	3
CO3	3	1	3	3	1	3
CO4	3	3	2	1	2	2
CO5	3	2	2	3	3	3
CO6	3	3	3	2	3	3
%	2.8	2.3	2.6	2.3	2.3	2.8

SANSKRIT, SEM-III , Drama, Upanishad, Alamkara& Sanskrit literature

	PO1	PO2	PO3	PO4	PO5	P06
CO1	2	1	1	2	4	2
CO2	4	2	5	2	2	4
CO3	5	2	4	2	1	2
CO4	1	4	2	4	2	2
Average	2.4	2.25	2.4	2.5	2.25	2.5

MATHEMATIC , SEM-III, Solid Geometry-III

Course: SOLID GEOMETRY

CO\PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6
CO-1	3	1	3	1	3	3
CO-2	2	1	2	1	2	2
CO-3	2	1	2	1	2	2
CO-4	2	1	3	1	3	3
CO-5	2	1	3	1	2	3
CO-6	3	1	2	1	2	2
AVG	2.33	1	2.5	1	2.33	2.5

SEM-3, Paper-III, Wave Optics

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	1	2	2	3	3
CO 2	2	1	3	3	3	2
CO 3	3	1	2	2	3	3
CO 4	2	0	3	2	2	3
CO 5	2	0	2	2	3	3
CO 6	2	1	3	3	2	3
AVG	2.33	0.666	2.5	2.33	2.66	2.833

Paper-III (Organic and Inorganic chemistry)

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	0	0	0	0	0	0
CO 2	2	0	2	1	3	2
CO 3	2	2	2	1	2	2
CO 4	1	1	1	1	2	1
AVG	1.25	0.75	1.25	0.75	1.75	2.25

II B.SC(MPC) SEM-3 Calculating attainment at each level of course MPC

Courses	No of students attended	No of students attained			CO_CCAA	CO_MSA	CO_FA
		CCAA(≥ 7)	MSA(≥ 8)	FA(≥ 26)			
	(1)	(2)	(3)	(4)	(2)/(1)	(3)/(1)	(4)/(1)
ENGLISH-III A COURSE IN CONVERSATIONAL SKILLS	42	42	42	42	1	1	1
TELUGU-III SRUJANA BHARATHI	23	23	23	23	1	1	1
HINDI-III Old and Modern Poetry & a History of Hindi Literature	02	02	02	02	1	1	1
SANSKRIT-III Drama, Upanishad, Alamkara & Sanskrit literature	16	15	16	16	0.93	1	1
MATHS-III SOLID GEOMETRY	42	42	37	40	1	0.88	0.952
PHYSICS-III WAVE OPTICS	41	41	29	33	1	0.707	0.804
CHEMISTRY-III Organic and Inorganic chemistry	40	40	31	32	1	0.775	0.8

SEM-3 B.Sc. (MPC-EM) CO-CURRICULAR ACTIVITY ASSESMENT ATTAINMENTS

POs	EN G	PO Attainment	Weighted product	TE L	PO Attainment	Weighted product	SANS KRIT	PO Attainment	Weighted product	HIN DI	PO Attainment	Weighted product	MAT HS-III	PO Attainment	Weighted product	PH Y-III	P O Attainment	Weighted product	CH E-III	PO Attainment	Weighted product	WEIGHTED SUM	Weighted SUM	WEIGHTED AVERAGE
PO1	2.6	1	2.6	2.1	1	2.1	2.4	0.93	2.232	2.8	1	2.8	2.33	1	2.33	2.33	1	2.33	1.25	1	1.25	15.81	15.642	0.98
PO2	2.1	1	2.1	2.5	1	2.5	2.25	0.93	2.0925	2.3	1	2.3	1	1	1	0.66	1	0.66	0.75	1	0.75	11.56	11.4025	0.986
PO3	2.3	1	2.3	2.5	1	2.5	2.4	0.93	2.325	2.6	1	2.6	2.5	1	2.5	2.5	1	2.5	1.25	1	1.25	16.05	15.975	0.995
PO4	2.3	1	2.3	2.3	1	2.3	2.5	0.93	2.325	2.3	1	2.3	1	1	1	2.33	1	2.33	0.75	1	0.75	13.48	13.305	0.987
PO5	2.5	1	2.5	2.0	1	2.0	2.25	0.93	2.0925	2.3	1	2.3	2.33	1	2.33	2.66	1	2.66	1.75	1	1.75	15.79	15.6325	0.99
PO6	2.3	1	2.3	1.6	1	1.6	2.5	0.93	2.325	2.8	1	2.8	1	1	1	2.83	1	2.83	2.25	1	2.25	15.28	15.105	0.988

SEM-3 B.Sc. (MPC-EM) MID SEMESTER ACTIVITY ASSESMENT ATTAINMENTS

POs	EN G	PO Attainment	Weighted product	TE L	PO Attainment	Weighted product	SANS KRIT	PO Attainment	Weighted product	HIN DI	PO Attainment	Weighted product	MAT HS-III	PO Attainment	Weighted product	PH Y-III	PO Attainment	Weighted product	CH E-III	PO Attainment	Weighted product	weighted sum	weighted sum	weighted average
PO1	2.6	1	2.6	2.1	1	2.1	2.4	1	2.4	2.8	1	2.8	2.33	0.88	2.05	2.33	0.707	1.64	1.25	0.775	0.969	15.81	14.559	0.920
PO2	2.1	1	2.1	2.5	1	2.5	2.25	1	2.25	2.3	1	2.3	1	0.88	0.88	0.66	0.707	0.46	0.75	0.775	0.581	11.56	11.071	0.957
PO3	2.3	1	2.3	2.5	1	2.5	2.4	1	2.4	2.6	1	2.6	2.5	0.88	2.2	2.5	0.707	1.76	1.25	0.775	0.969	16.05	14.729	0.917
PO4	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	2.3	1	2.3	1	0.88	0.88	2.33	0.707	1.64	0.75	0.775	0.581	14.48	13.501	0.9323
PO5	2.5	1	2.5	2.0	1	2.0	2.25	1	2.25	2.3	1	2.3	2.33	0.88	2.05	2.66	0.707	1.88	1.75	0.775	1.356	15.79	14.336	0.907
PO6	2.3	1	2.3	1.6	1	1.6	2.5	1	2.5	2.8	1	2.8	1	0.88	0.88	2.83	0.707	2.008	2.25	0.775	1.744	15.28	13.832	0.9052

SEM-3,B.Sc. (MPC-EM) FINAL ASSESMENT ATTAINMENTS

POs	EN G	P O At tai n ment	Weig hted produ ct	TE L	PO Atta inment	Wei ghte d produ ct	SA NS KRI T	PO Atta inment	Weig hted produ ct	HIN DI	PO Atta inment	Weig hted produ ct	MAT HS- III	PO Atta inment	Weight ed product	PHY- III	PO Atta inment	Weig hted produ ct	CH E- III	PO Atta inment	Wei ghte d produ ct	weig hted sum	weig hted sum	weig hted avera ge
PO1	2.6	1	2.6	2.1	1	2.1	2.4	1	2.4	2.8	1	2.8	2.33	0.952	2.11	2.33	0.804	1.87	1.25	0.8	1	15.81	14.88	0.941
PO2	2.1	1	2.1	2.5	1	2.5	2.25	1	2.25	2.3	1	2.3	1	0.952	0.952	0.66	0.804	0.53	0.75	0.8	0.6	11.56	11.23 2	0.971
PO3	2.3	1	2.3	2.5	1	2.5	2.4	1	2.4	2.6	1	2.6	2.5	0.952	2.4	2.5	0.804	2.01	1.25	0.8	1	16.05	15.21	0.947
PO4	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	2.3	1	2.3	1	0.952	0.952	2.33	0.804	1.87	0.75	0.8	0.6	14.48	13.822	0.954
PO5	2.5	1	2.5	2.0	1	2.0	2.25	1	2.25	2.3	1	2.3	2.33	0.952	2.22	2.66	0.804	2.13	1.75	0.8	1.4	15.79	14.8	0.937
PO6	2.3	1	2.3	1.6	1	1.6	2.5	1	2.5	2.8	1	2.8	1	0.952	0.952	2.83	0.804	2.27	2.25	0.8	1.8	15.28	14.22 2	0.930

II B.SC (MPC-EM) CO-PO Mapping tables SEM-4

Semester-IV

Paper -IV Course: Real analysis

CO\PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6
CO-1	3	1	3	1	3	1
CO-2	2	1	2	1	2	1
CO-3	2	1	3	1	2	1
CO-4	3	1	3	1	3	1
AVG	2.5	1	2.8	1	2.5	1

SEM-4, Paper- IV, Thermodynamics and Radiation Physics

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	1	2	3	2	3
CO 2	2	0	3	2	3	3
CO 3	2	1	1	2	2	1
CO 4	2	0	2	2	3	3
CO 5	3	1	2	1	2	2
AVG	2.4	0.6	2	2	2.4	2.4

Paper IV : (Spectroscopy & Physical Chemistry)

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	2	1	3	2	1
CO 2	2	1	3	1	2	2
CO 3	2	1	2	2	1	2
CO 4	2	1	2	3	3	2
AVG	2	1.25	2	2.25	2	1.75

II B.SC (MPC) Attainment level of each course in Sem-IV for B.Sc (MPC-EM)

Courses	No of students attended	No of students attained			CO_CCAA	CO_MSA	CO_FA
		CCAA(≥ 7)	MSA(≥ 8)	FA(≥ 26)			
	(1)	(2)	(3)	(4)	(2)/(1)	(3)/(1)	(4)/(1)
Real analysis	42	41	34	40	1	0.81	0.952
Thermodynamics and Radiation Physics	40	40	30	34	1	0.75	0.85
Spectroscopy & Physical Chemistry	40	40	26	26	1	0.65	0.65

SEM-4 B.Sc. (MPC-EM) CO-CURRICULAR ACTIVITY ASSESMENT ATTAINMENTS

PO s	Maths - IV	PO Attainment	Weighted product	Phy IV	PO Attainment	Weighted product	Che IV	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.5	1	2.5	2.4	1	2.4	2	1	2	6.9	6.9	1
PO2	1	1	1	0.66	1	0.66	1.25	1	1.25	2.91	2.91	1
PO3	2.8	1	2.8	2	1	2	2	1	2	6.8	6.8	1
PO4	1	1	1	2	1	2	2.25	1	2.25	5.25	5.25	1
PO5	2.5	1	2.5	2.4	1	2.4	2	1	2	6.9	6.9	1
PO6	1	1	1	2.4	1	2.4	1.75	1	1.75	5.15	5.15	1

SEM-4 B.Sc. (MPC-EM) MID SEMESTER ACTIVITY ASSESMENT ATTAINMENTS

PO s	Maths - IV	PO Attainment	Weighted product	Phy IV	PO Attainment	Weighted product	Che IV	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.5	0.81	2.025	2.4	0.75	1.8	2	0.65	1.3	6.9	5.125	0.742
PO2	1	0.81	0.81	0.66	0.75	0.49	1.25	0.65	0.813	2.91	2.113	0.726
PO3	2.8	0.81	2.27	2	0.75	1.5	2	0.65	1.3	6.8	5.07	0.745
PO4	1	0.81	0.81	2	0.75	1.5	2.25	0.65	1.463	5.25	3.963	0.754
PO5	2.5	0.81	2.025	2.4	0.75	1.8	2	0.65	1.3	6.9	5.125	0.742
PO6	1	0.81	0.81	2.4	0.75	1.8	1.75	0.65	1.138	5.15	3.748	0.747

SEM-4 B.Sc. (MPC-EM) FINAL ASSESMENT ATTAINMENTS

PO s	Maths - IV	PO Attainment	Weighted product	Phy IV	PO Attainment	Weighted product	Che IV	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.5	0.95 2	2.4	2.4	0.85	2.04	2	0.65	1.3	6.9	5.74	0.831
PO2	1	0.95 2	0.952	0.66	0.85	0.561	1.25	0.65	0.81 3	2.91	2.326	0.768
PO3	2.8	0.95 2	2.67	2	0.85	1.7	2	0.65	1.3	6.8	5.67	0.833
PO4	1	0.95 2	0.952	2	0.85	1.7	2.25	0.65	1.46 3	5.25	4.163	0.793
PO5	2.5	0.95 2	2.4	2.4	0.85	2.04	2	0.65	1.3	6.9	5.74	0.831
PO6	1	0.95 2	0.952	2.4	0.85	2.04	1.75	0.65	1.13 8	5.15	4.13	0.801

III B.Sc (MPC-EM) CO-PO Mapping tables V-SEM

1: Slight [Low]; 2: Moderate [Medium]; 3: Substantial [High], 4: (No Correlation)

Course: Ring Theory Semester-V, PAPER-V

CO\PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6
CO-1	3	1	3	1	3	1
CO-2	2	1	2	1	2	1
CO-3	2	1	3	1	2	1
CO-4	3	1	2	1	3	1
CO-5	3	1	3	1	2	1
AVG	2.6	1	2.6	1	2.4	1

Course: Linear Algebra Semester-V, Paper -VI

CO\PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6
CO-1	3	1	3	0	3	1
CO-2	2	1	2	0	2	1
CO-3	2	1	3	0	2	1
CO-4	3	1	3	0	3	1
AVG	2.5	1	2.8	0	2.5	1

SEM-5, PAPER – V, Electricity, magnetism and Electronics

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	1	2	2	2	1
CO 2	2	0	2	2	2	2
CO 3	2	1	2	2	2	3
CO 4	2	0	1	2	3	3
CO 5	3	0	1	2	3	3
AVG	2.2	0.4	1.6	5	2.4	2.4

SEM-5, PAPER – VI, Modern Physics

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	0	3	2	3	3
CO 2	3	1	2	2	2	3
CO 3	2	1	2	3	3	3
CO 4	3	0	2	2	3	3
CO 5	3	1	2	2	3	3
AVG	2.6	0.6	2.2	2.2	2.8	3

PAPER – V (Inorganic Organic & Physical Chemistry)

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	0	0	0	2	2
CO 2	1	3	0	0	1	2
CO 3	2	3	0	0	2	2
CO 4	1	3	3	1	3	1
AVG	1.5	2.25	0.75	0.25	2	1.75

PAPER – VI (Inorganic , Organic & Physical Chemistry)

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	3	0	2	1	2
CO 2	1	2	3	1	1	2
CO 3	3	3	3	1	1	1
CO 4	3	3	3	2	3	3
AVG	2.5	2.75	2.25	1.5	1.5	2

III B.SC(MPC) Attainment level of each course in Sem-V for B.Sc (MPC-EM)

Courses	No of students attended	No of students attained			CO_CCAA	CO_MSA	CO_FA
		CCAA(≥ 7)	MSA(≥ 8)	FA(≥ 26)			
	(1)	(2)	(3)	(4)	(2)/(1)	(3)/(1)	(4)/(1)
Ring Theory -V	41	32	37	35	1	0.902	0.853
Linear Algebra-VI	41	28	37	40	1	0.902	0.965
Electricity, Magnetism and Electronics	40	40	16	36	1	0.40	0.9
Modern Physics	40	40	34	28	1	0.85	0.7
Inorganic Organic & Physical Chemistry-V	40	40	31	29	1	0.775	0.725
Inorganic Organic & Physical Chemistry-VI	40	40	35	39	1	0.875	0.975

III B.SC (MPC-EM) SEM-5 CO-CURRICULAR ACTIVITY ASSESMENT ATTAINMENTS

POs	Mat hs -V	PO Attai nme nt	Wei ght ed pro duc t	Mat hs -VI	PO Att ain me nt	Wei ght ed pro duc t	Phy V	PO Att a In me nt	Wei ght ed pro duc t	Phy VI	P O At ta in me nt	Wei ght ed pro duc t	Che V	P O At tai n me nt	Wei ght ed pro duc t	Che VI	PO Att ain me nt	Wei ght ed pro duc t	Wei ght ed Sum	Wei ght ed Sum	Weighted Average
PO1	2.6	1	2.6	2.5	1	2.5	2.2	1	2.2	2.6	1	2.6	1.5	1	1.5	2.5	1	2.5	13.9	13.9	1
PO2	1	1	1	1	1	1	0.4	1	0.4	0.6	1	0.6	2.25	1	2.25	2.75	1	2.75	8	8	1
PO3	2.6	1	2.6	2.8	1	2.8	1.6	1	1.6	2.2	1	2.2	0.75	1	0.75	2.25	1	2.25	12.2	12.2	1
PO4	1	1	1	1	1	1	5	1	5	2.2	1	2.2	0.25	1	0.25	1.5	1	1.5	10.95	10.95	1
PO5	2.4	1	2.4	2.5	1	2.5	2.4	1	2.4	2.8	1	2.8	2	1	2	1.5	1	1.5	13.6	13.6	1
PO6	1	1	1	1	1	1	2.4	1	2.4	3	1	3	1.75	1	1.75	2	1	2	11.15	11.15	1

III B.SC (MPC--EM)) SEM-5 , MID SEMESTER ACTIVITY ASSESMENT ATTAINMENTS

POs	Maths-V	PO Attainment	Weighted product	Maths-VI	PO Attainment	Weighted product	Phy V	PO Attainment	Weighted product	Phy VI	PO Attainment	Weighted product	Ch e V	PO Attainment	Weighted product	Ch e-VI	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.6	1	2.6	2.5	1	2.5	2.2	0.40	0.88	2.6	0.85	2.21	1.5	0.775	1.163	2.5	0.875	2.188	13.9	11.541	0.830
PO2	1	1	1	1	1	1	0.4	0.40	0.16	0.6	0.85	0.51	2.25	0.775	1.744	2.75	0.875	2.406	8	6.82	0.852
PO3	2.6	1	2.6	2.8	1	2.8	1.6	0.40	0.64	2.2	0.85	1.87	0.75	0.775	0.581	2.25	0.875	1.969	12.2	10.46	0.857
PO4	1	1	1	1	1	1	5	0.40	2	2.2	0.85	1.87	0.25	0.775	0.194	1.5	0.875	1.313	10.95	7.377	0.673
PO5	2.4	1	2.4	2.5	1	2.5	2.4	0.40	0.96	2.8	0.85	2.38	2	0.775	1.55	1.5	0.875	1.313	13.6	11.103	0.816
PO6	1	1	1	1	1	1	2.4	0.40	0.96	3	0.85	2.55	1.75	0.775	1.356	2	0.875	1.75	11.15	8.616	0.772

III B.SC (MPC-EM) SEM-5 FINAL ASSESMENT ATTAINMENTS

POs	Maths - V	PO Attainment	Weighted product	Maths -VI	PO Attainment	Weighted product	Phy V	PO Attainment	Weighted product	Phy VI	PO Attainment	Weighted product	Ch e V	PO Attainment	Weighted product	Ch e- VI	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO 1	2.6	0.902	2.35	2.5	0.902	2.26	2.2	0.9	1.98	2.6	0.7	1.82	1.5	0.725	1.088	2.5	0.975	2.438	13.9	11.936	0.858
PO 2	1	0.902	0.902	1	0.902	0.902	0.4	0.9	0.36	0.6	0.7	0.42	2.25	0.725	1.631	2.75	0.975	2.681	8	6.896	0.862
PO 3	2.6	0.902	2.35	2.8	0.902	2.53	1.6	0.9	1.44	2.2	0.7	1.54	0.75	0.725	0.544	2.25	0.975	2.194	12.2	10.596	0.868
PO 4	1	0.902	0.902	1	0.902	0.902	5	0.9	4.5	2.2	0.7	1.54	0.25	0.725	0.181	1.5	0.975	1.463	10.95	10.125	0.925
PO 5	2.4	0.902	2.16	2.5	0.902	2.26	2.4	0.9	2.16	2.8	0.7	1.96	2	0.725	1.45	1.5	0.975	1.463	13.6	11.453	0.842
PO 6	1	0.902	0.902	1	0.902	0.902	2.4	0.9	2.16	3	0.7	2.1	1.75	0.725	1.269	2	0.975	1.95	11.15	9.283	0.832

III B.SC (MPC-EM) CO-PO Mapping tables SEM-6, ELECTIVE

Semester-VI, Course: Numerical Methods

CO\PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6
CO-1	3	1	3	1	3	1
CO-2	2	1	2	1	2	1
CO-3	2	1	3	1	2	1
CO-4	3	1	2	1	3	1
CO-5	3	1	2	1	2	1
AVG	2.6	1	2.4	1	2.4	1

SEM-6, PAPER – ELECTIVE-Renewable Energy

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	2	2	3	2	3
CO 2	3	2	3	3	2	2
CO 3	2	2	3	3	3	3
CO 4	3	2	3	2	2	2
CO 5	3	2	3	1	2	2
AVG	2.6	2	2.8	2.4	2.2	2.4

III B.SC (MPC-EM) ,SEM-6 ,ELECTIVE Calculating attainment at each level of course MPC

Courses	No of students attended	No of students attained			CO_CCAA	CO_MSA	CO_FA
		CCAA(≥ 7)	MSA(≥ 8)	FA(≥ 26)			
	(1)	(2)	(3)	(4)	(2)/(1)	(3)/(1)	(4)/(1)
Numerical Methods (Elective)	19	18	15	16		0.789	0.842
Renewable Energy (Elective)	42	42	34	41	1	0.809	0.976
Environmental Chemistry-VIIB	40	40	39	32	1	0.975	0.8

III B.Sc. (MPC-EM),SEM-6,ELECTIVE CO-CURRICULAR ACTIVITY ASSESMENT ATTAINMENTS

PO s	Maths - Elective	PO Attainment	Weighted product	Phy Elective	PO Attainment	Weighted product	Che Elective	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.6	1	2.6	2.6	1	2.6	1.5	1	1.5	6.7	6.7	1
PO2	1	1	1	2	1	2	2.25	1	2.25	5.25	5.25	1
PO3	2.4	1	2.4	2.8	1	2.8	0.75	1	0.75	5.95	5.95	1
PO4	1	1	1	2.4	1	2.4	0.25	1	0.25	3.65	3.65	1
PO5	2.4	1	2.4	2.2	1	2.2	2	1	2	6.6	6.6	1
PO6	1	1	1	2.4	1	2.4	1.75	1	1.75	5.15	5.15	1

III B.SC. (MPC-EM),SEM-6,ELECTIVE MID SEMESTER ACTIVITY ASSESMENT ATTAINMENTS

PO s	Maths - Elective	PO Attainment	Weighted product	Phy Elective	PO Attainment	Weighted product	Che Elective	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.6	0.789	2.05	2.6	0.809	2.10	1.5	0.975	1.455	6.7	5.6	0.835
PO2	1	0.789	0.789	2	0.809	1.61	2.25	0.975	2.194	5.25	4.593	0.874
PO3	2.4	0.789	1.9	2.8	0.809	2.26	0.75	0.975	0.731	5.95	4.891	0.822
PO4	1	0.789	0.789	2.4	0.809	1.94	0.25	0.975	0.244	3.65	2.973	0.814
PO5	2.4	0.789	1.9	2.2	0.809	1.77	2	0.975	1.95	6.6	5.62	0.851
PO6	1	0.789	0.789	2.4	0.809	1.94	1.75	0.975	1.706	5.15	4.435	0.8611

III B.Sc. (MPC-EM),SEM-6,ELECTIVE FINAL ASSESMENT ATTAINMENTS

PO s	Maths - Elective	PO Attain ment	Weig hted produ ct	Phy Ele ctive	PO Attai nmen t	Weig hted prod uct	Che Elec tive	PO Attai nmen t	Wei ghte d pro duct	Weighte d Sum	Weighte d Sum	Weighte d Average
PO1	2.6	0.842	2.19	2.6	0.976	2.53	1.5	0.8	1.2	6.7	5.92	0.88
PO2	1	0.842	0.842	2	0.976	1.95	2.25	0.8	1.8	5.25	4.592	0.874
PO3	2.4	0.842	2.02	2.8	0.976	2.73	0.75	0.8	0.6	5.95	5.35	0.899
PO4	1	0.842	0.842	2.4	0.976	2.34	0.25	0.8	0.2	3.65	3.382	0.926
PO5	2.4	0.842	2.02	2.2	0.976	2.14	2	0.8	1.6	6.6	5.76	0.872
PO6	1	0.842	0.842	2.4	0.976	2.34	1.75	0.8	1.4	5.15	4.582	0.889

III B.SC (MPC-EM) CO-PO Mapping tables SEM-6, CL-1,CL-2

Course: Advance Numerical Methods, Semester-VI

Paper -CL-1

CO\PO	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6
CO-1	3	1	3	1	3	1
CO-2	2	1	2	1	2	1
CO-3	2	1	3	1	2	1
CO-4	3	1	2	1	3	1
CO-5	3	1	2	1	2	1
AVG	2.6	1	2.4	1	2.4	1

Course: Special Functions , Semester-VI,CL-2

CO\PO	PO-1	PO-2	PO- 3	PO- 4	PO-5	PO-6
CO-1	3	1	3	1	3	1
CO-2	2	1	2	1	2	1
CO-3	2	1	3	1	2	1
CO-4	3	1	2	1	3	1
CO-5	3	1	2	1	2	1
AVG	2.6	1	2.4	1	2.4	1

CL-3: Mathematics

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	2	2	2	2	1
CO 2	2	2	2	2	2	3
CO 3	3	3	3	3	3	3
CO 4	2	3	3	3	2	3
AVG	1.75	2.25	2.5	2.25	2.25	2.25

SEM-6, PAPER – VII, CL- 1 – Solar thermal and Photo voltaic Aspects

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	1	3	2	2	2
CO 2	2	0	2	2	3	3
CO 3	2	1	2	1	2	2
CO 4	2	0	3	2	3	3
CO 5	2	1	3	1	2	3
AVG	2	0.6	2.6	1.6	2.4	2.6

SEM-6, PAPER – VII, CL- 2 – Wind, hydro and Ocean energies

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	1	2	2	2	2
CO 2	2	1	3	2	3	3
CO 3	2	1	3	2	2	3
CO 4	2	1	3	2	3	3
CO 5	3	1	3	2	2	3
AVG	2.2	1	2.8	2	2.4	2.8

SEM-6, PAPER – VII, CL- 3 – Energy storage devices

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	2	3	2	3	3
CO 2	2	1	2	3	3	3
CO 3	2	1	2	2	2	3
CO 4	2	1	2	1	2	2
CO 5	2	1	2	2	2	3
AVG	2	1.2	2.2	2	2.4	2.8

PAPER – VIII, CL- 1 - Organic Spectroscopic Techniques

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	1	3	3	3	3
CO 2	2	1	3	1	3	1
CO 3	2	0	2	2	3	0
CO 4	3	2	2	3	3	3
AVG	2.5	1	2.5	2.25	3	1.75

PAPER – VIII, CL -2 - Advanced Organic Reactions

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	1	2	3	3	1
CO 2	2	1	2	2	3	2
CO 3	3	1	2	3	3	3
CO 4	3	0	2	3	3	2
AVG	2.75	0.75	2	2.75	3	2

PAPER – VIII, C 3 – Pharmaceutical & Medicinal Chemistry

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	1	1	2	1	2	0
CO 2	2	2	2	2	2	3
CO 3	3	3	3	3	3	3
CO 4	1	3	3	3	2	3
AVG	1.75	2.25	2.5	2.25	2.25	2.25

III B.SC (MPC-EM),CL-1,CL-2 Calculating attainment at each level of course MPC

Courses	No of students attended	No of students attained			CO_CCAA	CO_MSA	CO_FA
		CCAA(≥ 7)	MSA(≥ 8)	FA(≥ 26)			
	(1)	(2)	(3)	(4)	(2)/(1)	(3)/(1)	(4)/(1)
Advance Numerical Methods (Cluster-I)	16	16	13	14	1	0.812	0.875
Mathematical Functions (Cluster-II)	16	16	13	12	1	0.81233	0.75
	16	16	16	16	1	1	1
Solar thermal and Photo voltaic Aspects (CL-1)	2	2	2	2	1	1	1
Wind, Hydro and Ocean Energies (CL-2)	2	2	2	2	1	1	1
Energy storage devices (CL-3)	2	2	1	2	1	0.5	1
Organic Spectroscopic Techniques-VIII C1	23	23	21	22	1	0.913	0.957
Advanced Organic Reactions –VIII C2	23	23	23	23	1	1	1
Pharmaceutical & Medicinal Chemistry-VIII C3	23	22	17	22	0.957	0.739	0.739

III B.SC SEM-6 MPC-EM Paper CL-1, CL-2 CCAA Attainment

POs	Mat hs - C-I	PO Attainment	Weighted product	Mat hs - C-II	PO Attainment	Weighted product	Phy C-I	PO Attainment	Weighted product	Phy C-II	PO Attainment	Weighted product	CheC-I	PO Attainment	Weighted product	Che C-II	P O Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO 1	2.6	1	2.6	2.6	1	2.6	2	1	2	2.2	1	2.2	2.5	1	2.5	2.75	1	2.75	14.65	6.7	1
PO 2	1	1	1	1	1	1	0.6	1	0.6	1	1	1	1	1	1	0.75	1	0.75	5.35	5.25	1
PO 3	2.4	1	2.4	2.4	1	2.4	2.6	1	2.6	2.8	1	2.8	2.5	1	2.5	2	1	2	14.7	5.95	1
PO 4	1	1	1	1	1		1.6	1	1.6	2	1	2	2.25	1	2.25	2.75	1	2.75	9.6	3.65	1
PO 5	2.4	1	2.4	2.4	1	2.4	2.4	1	2.4	2.4	1	2.4	3	1	3	3	1	3	15.6	6.6	1
PO 6	1	1	1	1	1	1	2.6	1	2.6	2.8	1	2.8	1.75	1	1.75	2	1	2	11.15	5.15	1

III B.SC,SEM-6 ,CL-1,CL-2, MPC Paper CL-1,- CL-2 MSA Attainment

POs	Mat hs - C-I	PO Attainment	Weighted product	Mat hs - C-II	PO Attainment	Weighted product	Phy C-I	PO Attainment	Weighted product	Phy C-II	PO Attainment	Weighted product	Ch eC-I	PO Attainment	Weighted product	Che C-II	P O Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO 1	2.6	0.812	2.11	2.6	0.812	2.11	2	1	2	2.2	1	2.2	2.5	0.913	2.282	2.75	1	2.75	14.65	13.452	0.936
PO 2	1	0.812	0.812	1	0.812	0.812	0.6	1	0.6	1	1	1	1	0.913	0.913	0.75	1	0.75	5.35	9.487	1.77
PO 3	2.4	0.812	1.95	2.4	0.812	1.95	2.6	1	2.6	2.8	1	2.8	2.5	0.913	2.282	2	1	2	14.7	13.582	0.923
PO 4	1	0.812	0.812	1	0.812	0.812	1.6	1	2.4	2	1	2	2.25	0.913	2.054	2.75	1	2.75	10.6	10.826	1.02
PO 5	2.4	0.812	1.95	2.4	0.812	1.95	2.4	1	2.4	2.4	1	2.4	3	0.913	2.739	3	1	3	15.6	14.439	0.925
PO 6	1	0.812	0.812	1	0.812	0.812	2.6	1	2.6	2.8	1	2.8	1.75	0.913	1.598	2	1	2	11.15	10.622	0.952

III B.SC SEM-6,CL-1,CL-2 MPC-EM Paper CL-1, CL-2 FA Attainment

POs	Mat hs - C-I	PO Attainment	Weighted product	Mat hs - C-II	PO Attainment	Weighted product	Phy C-I	PO Attainment	Weighted product	Phy C-II	PO Attainment	Weighted product	Ch eC-I	PO Attainment	Weighted product	Che C-II	P O Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO 1	2.6	0.875	2.28	2.6	0.75	1.95	2	1	2	2.2	1	2.2	2.5	0.957	2.392	2.75	1	2.75	14.65	13.572	0.926
PO 2	1	0.875	0.875	1	0.75	0.75	0.6	1	0.6	1	1	1	1	0.957	0.957	0.75	1	0.75	5.35	4.932	0.921
PO 3	2.4	0.875	2.1	2.4	0.75	1.8	2.6	1	2.6	2.8	1	2.8	2.5	0.957	2.392	2	1	2	14.7	13.692	0.931
PO 4	1	0.875	0.875	1	0.75	0.75	1.6	1	1.6	2	1	2	2.25	0.957	2.153	2.75	1	2.75	10.6	10.003	0.943
PO 5	2.4	0.875	2.1	2.4	0.75	1.8	2.4	1	2.4	2.4	1	2.4	3	0.957	2.871	3	1	3	15.6	14.571	0.934
PO 6	1	0.875	0.875	1	0.75	0.75	2.6	1	2.6	2.8	1	2.8	1.75	0.957	1.675	2	1	2	11.15	10.7	0.959

III B.SC ,SEM-6,CL-3Calculating attainment at each level of course MPC

Courses	No of students attended	No of students attained			CO_CCAA	CO_MSA	CO_FA
		CCAA(≥ 7)	MSA(≥ 8)	FA(≥ 26)			
	(1)	(2)	(3)	(4)	(2)/(1)	(3)/(1)	(4)/(1)
CL-3 Mathematics project	16	16	16	6	1	1	1
Energy storage devices (CL-3)	2	2	1	2	1	0.5	1
Pharmaceutical & Medicinal Chemistry- VIII C3	23	22	17	22	0.957	0.739	0.739

III B.SC,SEM-6 MPC-EM Paper CL-3 CCAA Attainment

PO s	Math s - CL-3	PO Attainment	Weigh ted product	Phy CL-3	PO Attai nment	Weig hted prod uct	Che CL- 3	PO Attai nment	Wei ghte d product	Weighte d product	Weighte d Sum	Weighte d Sum	Weighte d Average
PO1	1.75	1	1.75	2	1	2	2.75	1.75	0.957	1.675	6.5	4.707	0.724
PO2	2.25	1	2.25	1.2	1	1.2	0.75	2.25	0.957	2.153	4.2	4.407	1.04
PO3	2.5	1	2.56.007	2.2	1	2.2	2	2.5	0.957	2.392	6.7	5.657	0.844
PO4	2.25	1	2.25	2	1	2	2.75	2.25	0.957	2.153	7	5.207	0.743
PO5	2.25	1	2.25	2.4	1	2.4	3	2.25	0.957	2.153	7.65	5.607	0.732
PO6	2.25	1	2.25	2.8	1	2.8	2	2.25	0.957	2.153	7.05	6.007	0.852

III B.SC,SEM-6 MPC-EM Paper CL-3 MSA Attainment

PO s	Math s - CL-3	PO Attain ment	Weigh ted produ ct	Phy CL-3	PO Attai nmen t	Weig hted prod uct	Che CL- 3	PO Attai nmen t	Wei ghte d pro duct	Weighte d Sum	Weighte d Sum	Weighte d Average
PO1	1.75	1	1.75	2	0.5	1	1	0.739	1.29 3	5.5	4.04	0.734
PO2	2.25	1	2.25	1.2	0.5	0.6	0.6	0.739	1.66 3	5.7	4.513	0.791
PO3	2.5	1	2.5	2.2	0.5	1.1	1.1	0.739	1.84 8	7.2	5.44	0.755
PO4	2.25	1	2.25	2	0.5	1	1	0.739	1.66 3	6.5	4.913	0.755
PO5	2.25	1	2.25	2.4	0.5	1.2	1.2	0.739	1.66 3	6.9	5.113	0.741
PO6	2.25	1	2.25	2.8	0.5	1.4	1.4	0.739	1.66 3	7.3	5.313	0.727

III B.SC ,SEM-6 MPC-EM Paper CL-3 FA Attainment

PO s	Math s - CL-3	PO Attainment	Weighted product	Phy CL-3	PO Attainment	Weighted product	Che CL-3	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	1.75	1	1.75	2	1	2	1.75	0.739	1.293	5.5	5.043	0.916
PO2	2.25	1	2.25	1.2	1	1.2	2.25	0.739	1.663	5.113	5.113	1
PO3	2.5	1	2.5	2.2	1	2.2	2.5	0.739	1.848	7.2	6.548	0.904
PO4	2.25	1	2.25	2	1	2	2.25	0.739	1.663	6.5	5.913	0.909
PO5	2.25	1	2.25	2.4	1	2.4	2.25	0.739	1.663	6.9	6.313	0.914
PO6	2.25	1	2.25	2.8	1	2.8	2.25	0.739	1.663	7.3	6.713	0.919

III B.SC,SEM-6 MPC-EM Paper CCAA Attainment

POs	MAT	Weighted product	PHY (E)	Weighted product	CHE (E)	Weighted product	MAT CL-1	Weighted product	MAT CL-2	Weighted product	MAT CL-3	Weighted product	PHY CL1	Weighted product	PHY CL-2	Weighted product	PHY CL-3	Weighted product	CHE CL-1	Weighted product	CHE CL-2	Weighted product	CHE CL-3	Weighted product	WEIGHTED SUM	Weighted SUM	WEIGHTED AVERAGE
PO1	2.6	2.6	2.6	2.6	1.5	1.5	2.6	2.6	2.6	2.6	1.75	1.75	2	2	2.2	2.2	2	2	2.5	2.5	2.75	2.75	2.75	0.957	27.85	26.057	0.9356
PO2	1	1	2	2	2.25	2.25	1	1	1	1	2.25	2.25	0.6	0.6	1	1	1.2	1.2	1	1	0.75	0.75	0.75	0.957	14.80	15.007	1.0139
PO3	2.4	2.4	2.8	2.8	0.75	0.75	2.4	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.8	2.8	2.2	2.2	2.5	2.5	2	2	2	0.957	25.35	26.307	1.0377
PO4	0	0	2.4	2.4	0.25	0.25	1	1	1	1	2.25	2.25	1.6	1.6	2	2	2	2	2.25	2.25	2.75	2.75	2.75	0.957	18.25	16.457	0.9017
PO5	2.4	2.4	2.2	2.2	2	2	2.4	2.4	2.4	2.4	2.25	2.25	2.4	2.4	2.4	2.4	2.4	2.4	3	3	3	3	3	0.957	29.85	27.807	1.0734
PO6	1	1	2.4	2.4	1.75	1.75	1	1	1	1	2.25	2.25	2.6	2.6	2.8	2.8	2.8	2.8	1.75	1.75	2	2	2	0.957	23.35	22.307	0.9553

III B.SC, SEM-6 MPC-EM Paper MSA Attainment

POs	MAT E	Weighted product	PHY (E)	Weighted product	CHE (E)	Weighted product	MAT CL-1	Weighted product	MAT CL-2	Weighted product	MAT CL-3	Weighted product	PHY CL1	Weighted product	PHY CL-2	Weighted product	PHY CL-3	Weighted product	CHE CL-1	Weighted product	CHE CL-2	Weighted product	CHE CL-3	Weighted product	WEIGHTED SUM	Weighted SUM	WEIGHTED AVERAGE
PO1	2.6	2.05	2.6	2.10	1.5	1.455	2.6	2.11	2.6	2.11	1.75	1.75	2	2	2.2	2.2	2	1	2.5	2.282	2.75	2.75	1	1.293	26.1	23.1	0.885
PO2	1	0.789	2	1.61	2.25	2.194	1	0.812	1	0.812	2.25	2.25	0.6	0.6	1	1	1.2	0.6	1	0.913	0.75	0.75	0.6	1.663	14.65	13.993	0.955
PO3	2.4	1.9	2.8	2.26	0.75	0.731	2.4	1.95	2.4	1.95	2.5	2.5	2.6	2.6	2.8	2.8	2.2	1.1	2.5	2.282	2	2	1.1	1.848	26.45	23.921	0.904
PO4	0	0	2.4	1.94	0.25	0.244	0	0	0	0	2.25	2.25	1.6	1.6	2	2	2	1	2.25	2.054	2.75	2.75	1	1.663	16.5	15.501	0.939
PO5	2.4	1.9	2.2	1.77	2	1.95	2.4	1.95	2.4	1.95	2.25	2.25	2.4	2.4	2.4	2.4	2.4	1.2	3	2.739	3	3	1.2	1.663	28.05	25.172	0.897
PO6	1	0.789	2.4	1.94	1.75	1.706	1	0.812	1	0.812	2.25	2.25	2.6	2.6	2.8	2.8	2.8	1.4	1.75	1.598	2	2	1.4	1.663	22.75	20.37	0.895

III B.SC,SEM-6 MPC-EM Paper FA Attainment

POs	MAT (E)	Weighted product	PHY (E)	Weighted product	CHE (E)	Weighted product	MAT CL-1	Weighted product	MAT CL-2	Weighted product	MAT CL-3	Weighted product	PHY CL-1	Weighted product	PHY CL-2	Weighted product	PHY CL-3	Weighted product	CHE CL-1	Weighted product	CHE CL-2	Weighted product	CHE CL-3	Weighted product	WEIGHTED SUM	Weighted SUM	WEIGHTED AVERAGE
PO1	2.6	2.19	2.6	2.53	1.5	1.2	2.6	2.28	2.6	1.95	1.75	1.75	2	2	2.2	2.2	2	2	2.5	2.392	2.75	2.75	1.75	1.293	26.85	24.535	0.9137
PO2	1	0.842	2	1.95	2.25	1.8	1	0.875	1	0.75	2.25	2.25	0.6	0.6	1	1	1.2	1.2	1	0.957	0.75	0.75	2.25	1.663	16.3	14.637	0.897
PO3	2.4	2.02	2.8	2.73	0.75	0.6	2.4	2.1	2.4	1.8	2.5	2.5	2.6	2.6	2.8	2.8	2.2	2.2	2.5	2.392	2	2	2.5	1.848	27.85	25.59	0.9188
PO4	1	1	2.4	2.34	0.25	0.2	1	1	1	1	2.25	2.25	1.6	1.6	2	2	2	2	2.25	2.153	2.75	2.75	2.25	1.663	17.75	18.756	1.0002
PO5	2.4	2.02	2.2	2.14	2	1.6	2.4	2.1	2.4	1.8	2.25	2.25	2.4	2.4	2.4	2.4	2.4	2.4	3	2.871	3	3	2.25	1.663	29.1	26.644	0.9156
PO6	1	0.842	2.4	2.34	1.75	1.4	1	0.875	1	0.75	2.25	2.25	2.6	2.6	2.8	2.8	2.8	2.8	1.75	1.675	2	2	2.25	1.663	23.6	21.995	0.93199

MPC-EM CCAA ATTAINMENT 2021-22-OUT GOING BATCH

Po'S	Sum of weighted product/ weighted sum of Pos sem-1	Sum of weighted product/ weighted sum of Pos sem-2	Sum of weighted product/ weighted sum of Pos sem-3	Sum of weighted product/ weighted sum of Pos sem-4	Sum of weighted product/ weighted sum of Pos sem-5	Sum of weighted product/ weighted sum of Pos sem-6	Average of PO's attained	% of attainment
PO1	0.985	1	0.98	1	1	0.9356	0.9834	98.34%
PO2	0.980	1	0.986	1	1	1.0139	0.99665	99.66%
PO3	0.986	1	0.995	1	1	1.0377	1.00311	100%
PO4	0.982	1	0.779	1	1	0.9017	0.94378	94.37%
PO5	0.9864	1	0.99	1	1	1.0734	1.0083	100%
PO6	0.9802	1	0.988	1	1	0.9553	0.98725	98.72%

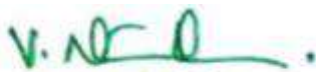
MPC-EM MSA ATTAINMENT 2021-22-OUT GOING BATCH

Po'S	Sum of weighted product/ weighted sum of Pos sem-1	Sum of weighted product/ weighted sum of Pos sem-2	Sum of weighted product/ weighted sum of Pos sem-3	Sum of weighted product/ weighted sum of Pos sem-4	Sum of weighted product/ weighted sum of Pos sem-5	Sum of weighted product/ weighted sum of Pos sem-6	Average of PO's attained	% of attainment
PO1	0.854	0.905	0.920	0.742	0.830	0.885	0.856	85.6%
PO2	0.930	0.961	0.957	0.726	0.852	0.955	0.8968	89.68%
PO3	0.842	0.906	0.917	0.745	0.857	0.904	0.8618	86.18%
PO4	0.911	0.902	0.9311	0.697	0.600	0.939	0.8300	83%
PO5	0.843	0.901	0.907	0.742	0.816	0.897	0.851	85.1%
PO6	0.854	0.912	0.9052	0.747	0.772	0.895	0.8475	84.75%

MPC-EM FA ATTAINMENT 2021-22-OUT GOING BATCH

Po'S	Sum of weighted product/ weighted sum of Pos sem-1	Sum of weighted product/ weighted sum of Pos sem-2	Sum of weighted product/ weighted sum of Pos sem-3	Sum of weighted product/ weighted sum of Pos sem-4	Sum of weighted product/ weighted sum of Pos sem-5	Sum of weighted product/ weighted sum of Pos sem-6	Average of PO's attained	% of attainment
PO1	0.884	1.004	0.941	0.831	0.858	0.9137	0.9052	90.52%
PO2	0.930	1.079	0.971	0.768	0.862	0.897	0.9178	91.78%
PO3	0.870	0.975	0.947	0.833	0.868	0.9188	0.901966	90.1966%
PO4	0.905	0.973	0.951	0.744	0.929	1.0002	0.926433	92.6433%
PO5	0.873	0.9828	0.937	0.831	0.842	0.9156	0.9173	91.73%
PO6	0.870	0.988	0.930	0.801	0.832	0.93199	0.892165	89.2165%




 PRINCIPAL
A.S.D. GOVT. DEGREE COLLEGE (W)
AUTONOMOUS
KAKINADA

A.S.D GOVT. DEGREE COLLEGE FOR WOMEN (A) KAKINADA
ACADEMIC YEAR 2019 – 20(Admitted Batch)
DEPARTMENT OF COMPUTER SCIENCE
CO-PO Mapping tables

Sem-1 English 2019-2020

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	3	2	3	2	3
CO2	3	2	3	3	2	3
CO3	2	2	3	2	2	2
CO4	3	3	2	2	2	3
CO5	3	2	2	3	3	2
CO6	3	3	3	2	3	3
Average	2.6%	2.5%	2.5%	2.5%	2.3%	2.6%

Telugu Sem-1

B.Sc	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	3	2	2	2
CO2	2	1	2	3	3	2
CO3	2	2	3	3	3	1
CO4	3	2	2	1	1	2
CO5	2	3	2	3	3	2
CO6	3	1	1	3	2	1
Average	2.5	2.0	2.1	2.5	2.3	1.6

Hindi Sem-I Bachelor of Science (B.Sc.):

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	3	3	3	3
CO2	3	3	3	2	2	3
CO3	2	3	3	3	3	2
CO4	3	2	2	3	3	3
CO5	3	3	2	2	3	2
CO6	3	3	3	3	3	3
Average	2.8	2.6	2.6	2.6	2.8	2.6

Sanskrit Sem -1 Bachelor of Science (B.Sc.):

	PO1	PO2	PO3	PO4	PO5	P06
CO1	2	1	1	2	4	2
CO2	4	2	5	2	2	4
CO3	5	2	4	2	1	2
CO4	1	4	2	4	2	2
Average	2.4	2.25	2.4	2.5	2.25	2.5

Course: Math Differential Equations

CO\PO	PO- 1	PO- 2	PO- 3	PO- 4	PO- 5	PO- 6
CO-1	3	1	1	3	3	3
CO-2	2	1	1	2	2	2
CO-3	2	1	1	2	2	3
CO-4	3	1	1	3	3	3
CO-5	3	1	1	2	3	2
AVG	2.6	1	1	2.4	2.6	2.6

SEM-1, PAPER-1, Mechanics and properties of matter

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	1	2	2	3	3
CO 2	3	0	2	1	2	2
CO 3	2	1	3	2	3	3
CO 4	2	1	3	2	2	3
AVG	2.25	0.75	2.5	1.75	2.5	2.75

Computer Science – Paper-I: Computer Fundamentals and Photoshop

CO-PO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	3	3	2	2	3
CO2	1	3	3	3	3	2
CO3	1	2	2	2	2	1
CO4	2	3	3	2	2	2
CO5	2	3	3	2	2	3
Weighted Avg.	1.6	2.8	2.8	2.2	2.2	2.2

Semester - II

English Sem – II

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	2	2	2	2	3
CO2	3	2	3	1	2	1
CO3	3	3	2	2	2	2
CO4	2	3	1	3	3	3
CO5	2	3	3	2	2	2
CO6	2	2	2	3	3	3
	2.3%	2.3%	2.1%	2.1%	2.3%	2.3%

Telugu sem – II

B.Sc	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	2	2	3	2
CO2	2	2	3	3	1	2
CO3	3	2	3	3	2	1
CO4	2	3	1	1	2	2
CO5	2	2	3	3	3	1
CO6	1	3	3	2	1	2
Average	2.1	2.5	2.5	2.3	2.0	1.6

Hindi Sem- II

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	3	3	3	3
CO2	2	3	2	3	2	3
CO3	3	3	3	3	3	3
CO4	3	2	2	3	3	3
CO5	2	2	2	3	2	2
CO6	3	3	3	3	3	3
%	2.6	2.5	2.5	3	2.6	2.8

Sanskrit – II Bachelor of Science (B.Sc.):

	PO1	PO2	PO3	PO4	PO5	P06
CO1	2	1	1	2	4	2
CO2	4	2	5	2	2	4
CO3	5	2	4	2	1	2
CO4	1	4	2	4	2	2
Average	2.4	2.25	2.4	2.5	2.25	2.5

Course: Math Analytical Solid Geometry

CO\PO	PO- 1	PO- 2	PO- 3	PO- 4	PO- 5	PO- 6
CO-1	3	1	1	3	3	3
CO-2	2	1	1	2	2	2
CO-3	2	1	1	2	2	3
CO-4	3	1	1	3	3	2
CO-5	3	1	1	2	3	3
AVG	2.6	1	1	2.4	2.6	2.6

Physics SEM-2, Paper-II, Waves and Oscillations

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	1	2	3	2	2
CO 2	3	0	2	2	3	2
CO 3	2	1	3	3	2	2
AVG	2.33	0.66	2.33	2.66	2.33	2

Computer Science – Paper-II: Programming in C (2019-2020)

CO-PO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	3	3	3	2	3
CO2	1	3	2	3	2	3
CO3	2	3	3	3	2	3
CO4	2	2	3	3	2	2
CO5	2	3	3	3	2	3
Weighted Avg.	1.8	2.8	2.8	3	2	2.8

Semester - III

English Sem – III

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	2	2	2
CO2	3	2	2	2	2	2
CO3	2	2	3	2	3	3
CO4	3	3	2	3	2	2
CO5	3	2	3	3	3	2
CO6	2	2	3	2	3	3
Average	2.6%	2.1%	2.3%	2.3%	2.5%	2.3%

Telugu Sem – III

B.Sc	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	3	2	2	3	2
CO2	2	3	3	3	1	2
CO3	3	2	2	3	2	1
CO4	2	2	2	1	2	2
CO5	2	2	3	3	3	1
CO6	1	3	3	2	1	2
Average	2.1	2.5	2.5	2.3	2.0	1.6

Hindi Sem- III Bachelor of Science (B.Sc.):

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	3	3	3	3
CO2	2	3	3	2	2	3
CO3	3	1	3	3	1	3
CO4	3	3	2	1	2	2
CO5	3	2	2	3	3	3
CO6	3	3	3	2	3	3
%	2.8	2.3	2.6	2.3	2.3	2.8

Sanskrit – III Bachelor of Science (B.Sc.):

	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	1	1	2	4	2
CO2	4	2	5	2	2	4
CO3	5	2	4	2	1	2
CO4	1	4	2	4	2	2
Average	2.4	2.25	2.4	2.5	2.25	2.5

Course: Math Abstract Algebra

CO\PO	PO- 1	PO- 2	PO- 3	PO- 4	PO- 5	PO- 6
CO-1	3	1	1	3	3	3
CO-2	2	1	1	2	2	2
CO-3	2	1	1	2	2	2
CO-4	2	1	1	3	2	3
CO-5	2	1	1	2	2	3
CO-6	3	1	1	2	3	2
AVG	2.33	1	1	2.33	2.33	2.5

SEM-3, Paper-III, Wave Optics

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	1	2	2	3	3
CO 2	2	1	3	3	3	2
CO 3	3	1	2	2	3	3
CO 4	2	0	3	2	2	3
CO 5	2	0	2	2	3	3
CO 6	2	1	3	3	2	3
AVG	2.33	0.666	2.5	2.33	2.66	2.833

Computer Science – Paper-III: Object Oriented Programming Using Java (2020-2021)

CO-PO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	2	2	1	2	3
CO2	2	3	3	2	2	2
CO3	1	3	3	3	2	3
CO4	2	3	3	3	3	3
CO5	1	3	2	2	3	2
Weighted Avg.	1.6	2.8	2.6	2.2	2.4	2.6

Semester – IV

Course: Math Real analysis

CO\PO	PO- 1	PO- 2	PO- 3	PO- 4	PO- 5	PO- 6
CO-1	3	1	1	3	3	3
CO-2	2	1	1	2	2	2
CO-3	2	1	1	2	2	3
CO-4	3	1	1	3	3	3
AVG	2.5	1	1	3	2.5	2.8

Physics SEM-4, Paper- IV, Thermodynamics and Radiation

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	3	1	2	3	2	3
CO 2	2	0	3	2	3	3
CO 3	2	1	1	2	2	1
CO 4	2	0	2	2	3	3
CO 5	3	1	2	1	2	2
AVG	2.4	0.6	2	2	2.4	2.4

Computer Science – Paper-IV: Data Structures (2020-2021)

CO-PO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	3	3	3	2	3
CO2	1	2	2	3	2	2
CO3	2	3	2	2	2	3
CO4	2	2	3	3	2	2
Weighted Avg.	1.75	2.5	2.5	2.75	2	2.5

Semester - V

Course: Math RING THEORY&VECTOR CALCULUS

CO\PO	PO- 1	PO- 2	PO- 3	PO- 4	PO- 5	PO- 6
CO-1	3	1	1	3	3	3
CO-2	2	1	1	2	2	2
CO-3	2	1	1	2	2	3
CO-4	3	1	1	3	3	2
CO-5	3	1	1	2	3	3
AVG	2.6	1	1	2.4	2.6	2.6

Course: Linear Algebra

CO\PO	PO- 1	PO- 2	PO- 3	PO- 4	PO- 5	PO- 6
CO-1	3	1	1	3	3	3
CO-2	2	1	1	2	2	2
CO-3	2	1	1	2	2	3
CO-4	3	1	1	3	3	2
AVG	2.5	1	1	3	2.5	2.8

Physics SEM-5, PAPER – V, Electricity, magnetism and Electronics

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	1	2	2	2	1
CO 2	2	0	2	2	2	2
CO 3	2	1	2	2	2	3
CO 4	2	0	1	2	3	3
CO 5	3	0	1	2	3	3
AVG	2.2	0.4	1.6	5	2.4	2.4

SEM-5, PAPER – VI, Modern Physics

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	0	3	2	3	3
CO 2	3	1	2	2	2	3
CO 3	2	1	2	3	3	3
CO 4	3	0	2	2	3	3
CO 5	3	1	2	2	3	3
AVG	2.6	0.6	2.2	2.2	2.8	3

Computer Science – Paper-V: Database Management Systems

CO-PO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	1	1	2	-	2	1
CO2	1	2	3	3	1	2
CO3	2	-	3	2	-	-
CO4	-	1	2	1	1	1
CO5	2	2	-	2	2	2
Weighted Avg.	1.2	1.2	2	1.6	1.2	1.2

Computer Science – Paper-VI: Software Engineering

CO-PO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	-	2	-	2	2
CO2	1	-	3	2	3	3
CO3	1	2	2	1	2	1
CO4	3	1	2	1	1	2
CO5	2	3	2	2	2	2
Weighted Avg.	2	1.2	2.2	1.2	2	2

Semester -VI

Course: Math Numerical Methods

CO\PO	PO- 1	PO- 2	PO- 3	PO- 4	PO- 5	PO- 6
CO-1	3	1	1	3	3	3
CO-2	2	1	1	2	2	2
CO-3	2	1	1	2	2	3
CO-4	3	1	1	3	3	2
CO-5	3	1	1	2	3	3
AVG	2.6	1	1	2.4	2.6	2.6

Paper : Course:Math ADVANCE NUMERICAL METHODS

CO\PO	PO- 1	PO- 2	PO- 3	PO- 4	PO- 5	PO- 6
CO-1	3	1	1	3	3	3
CO-2	2	1	1	2	2	2
CO-3	2	1	1	2	2	3
CO-4	3	1	1	3	3	2
CO-5	3	1	1	2	3	3
AVG	2.6	1	1	2.4	2.6	2.6

Physics SEM-6, PAPER – ELECTIVE-Renewable Energy

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	2	2	3	2	3
CO 2	3	2	3	3	2	2
CO 3	2	2	3	3	3	3
CO 4	3	2	3	2	2	2
CO 5	3	2	3	1	2	2
AVG	2.6	2	2.8	2.4	2.2	2.4

Physics SEM-6, PAPER – VII, CL- 1 – Solar thermal and Photo voltaic Aspects

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	1	3	2	2	2
CO 2	2	0	2	2	3	3
CO 3	2	1	2	1	2	2
CO 4	2	0	3	2	3	3
CO 5	2	1	3	1	2	3
AVG	2	0.6	2.6	1.6	2.4	2.6

Physics SEM-6, PAPER – VII, CL- 2 – Wind, hydro and Ocean energies

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	1	2	2	2	2
CO 2	2	1	3	2	3	3
CO 3	2	1	3	2	2	3
CO 4	2	1	3	2	3	3
CO 5	3	1	3	2	2	3
AVG	2.2	1	2.8	2	2.4	2.8

Physics SEM-6, PAPER – VII, CL- 3 – Energy storage devices

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
CO 1	2	2	3	2	3	3
CO 2	2	1	2	3	3	3
CO 3	2	1	2	2	2	3
CO 4	2	1	2	1	2	2
CO 5	2	1	2	2	2	3
AVG	2	1.2	2.2	2	2.4	2.8

Computer Science – Elective Paper-VII : Web Technologies

CO-PO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	3	3	3	2	3
CO2	1	3	2	3	2	3
CO3	2	3	3	3	2	3
CO4	2	2	3	3	2	2
CO5	2	3	3	3	2	3
Weighted Avg.	1.8	2.8	2.8	3	2	2.8

Computer Science – Cluster Paper-VIII B1 : Distributed Systems

CO-PO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	3	2	2	2	3
CO2	3	3	2	2	3	2
CO3	3	2	3	3	3	2
CO4	3	3	2	3	3	3
Weighted Avg.	2.75	2.75	2.25	2.5	2.75	2.75

Computer Science – Cluster Paper-VIII B2 : Cloud Computing

CO-PO	PO1	PO2	PO3	PO4	PO5	PO6
CO1	2	3	2	2	3	2
CO2	1	2	3	3	3	2
CO3	2	3	2	2	2	3
CO4	2	3	2	2	3	2
CO5	1	2	3	2	2	3
Weighted Avg.	1.6	2.6	2.4	2.2	2.6	2.4

Semester – I

Courses	No. of Students attended	No. of Students Attained			CO_DA	CO_IA	CO_FA
		DA(2)	IA(3)	FA (4)			
	(1)	DA(2)	IA(3)	FA (4)	2/1	3/1	4/1
English -1	61	59	61	52	0.96	1	0.85
Telugu - 1	26	26	26	23	1	1	0.88
Hindi - 1	06	06	06	06	1	1	1
Sanskrit- 1	29	28	29	28	0.96	1	0.96
Differential Equations	61	56	61	60	0.91	1	0.98
Mechanics and Properties of matter	61	61	58	53	1	0.949	0.864
Computer Fundamentals & Photoshop	61	56	61	58	0.91	1	0.95

Semester – II

Courses	No. of Students attended	No. of Students Attained			CO_DA	CO_IA	CO_FA
		DA(2)	IA(3)	FA(4)			
	1	DA(2)	IA(3)	FA(4)	2/1	3/1	4/1
English- II	59	59	59	59	1	1	1
Telugu- II	23	23	23	23	1	1	1
Hindi - II	07	07	07	07	1	1	1
Sanskrit- II	29	28	29	29	0.96	1	1
Analytical Solid Geometry	59	57	59	54	0.97	1	0.92
Waves and Oscillations	59	59	56	57	1	0.95	0.966
Programming in C	59	52	58	58	0.88	0.98	0.98

Semester – III

Courses	No. of Students attended	No. of Students Attained			CO_DA	CO_IA	CO_FA
		DA (2)	IA (3)	FA (4)			
	1	DA (2)	IA (3)	FA (4)	2/1	3/1	4/1
English - III	58	58	58	58	1	1	1
Telugu - III	23	17	23	23	0.75	1	1
Hindi – III	07	07	07	07	1	1	1
Sanskrit - III	28	28	28	28	1	1	1
Abstract Algebra	58	57	58	56	0.98	1	0.97
Wave Optics	58	58	50	56	1	0.862	0.965
Object Oriented Programming using Java	58	56	58	57	0.96	1	0.98

Semester - IV

Courses	No. of students attended	No. of students attained			CO_DA	CO_IA	CO_FA
		DA	IA	FA			
Real analysis	58	56	58	56	0.97	1	0.97
Thermodynamics and Radiation physics	58	58	49	55	1	0.842	0.947
Data Structures	58	58	58	58	1	1	1

Semester – V

Courses	No. of students attended	No. of students attained			CO_DA	CO_IA	CO_FA
		DA	IA	FA			
RING THEORY&VECTOR CALCULUS	58	58	58	45	1	1	0.78
Linear Algebra	58	57	58	56	0.98	1	0.97
Electricity, Magnetism and Electronics	58	58	52	50	1	0.896	0.862
Modern Physics	58	58	54	53	1	0.931	0.913
Database Management System	58	53	58	56	0.91	1	0.96
Software Engineering	58	51	58	57	0.87	1	0.98

Semester – VI

Courses	No. of students attended	No. of students attained			CO_DA	CO_IA	CO_FA
		DA	IA	FA			
Numerical Methods	58	54	58	58	0.93	1	1
ADVANCE NUMERICAL METHODS	28	28	28	28	1	1	1
Special Functions	28	28	28	28	1	1	1
Renewable Energy (Elective)	58	58	53	58	1	1	1
Solar thermal and Photo voltaic Aspects (CL-1)	9	9	9	9	1	1	1
Wind, Hydro and Ocean Energies (CL-2)	9	9	9	9	1	1	1
Energy storage devices (CL-3)	9	9	9	9	1	1	1
Web Technologies	58	50	58	56	0.86	1	0.96
Distributed Systems	21	20	21	21	0.95	1	1
Cloud Computing	21	21	21	21	1	1	1

B.Sc. (MPCs) DIRECT ASSESMENT ATTAINMENTS (Sem-I)

POs	English	PO Attainment	Weighted product	Telugu	PO Attainment	Weighted product	Hindi	PO Attainment	Weighted product	Sanskrit	PO Attainment	Weighted product	Maths	PO Attainment	Weighted product	Physics	PO Attainment	Weighted product	Computers	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO 1	2.6	0.96	2.50	2.5	1	2.5	2.8	1	2.8	2.4	0.96	2.30	2.6	0.91	2.366	2.25	1	2.25	1.6	0.91	1.456	16.75	16.17	0.97
PO 2	2.5	0.96	2.40	2.0	1	2.0	2.6	1	2.6	2.25	0.96	2.16	1	0.91	0.91	0.75	1	0.75	2.8	0.91	2.548	13.9	13.37	0.96
PO 3	2.5	0.96	2.40	2.1	1	2.1	2.6	1	2.6	2.4	0.96	2.30	1	0.91	0.91	2.5	1	2.5	2.8	0.91	2.548	15.9	15.36	0.97
PO 4	2.5	0.96	2.40	2.5	1	2.5	2.6	1	2.6	2.5	0.96	2.4	2.4	0.91	2.184	1.75	1	1.75	2.2	0.91	2.002	16.45	15.84	0.96
PO 5	2.3	0.96	2.21	2.3	1	2.3	2.8	1	2.8	2.25	0.96	2.16	2.6	0.91	2.37	2.5	1	2.5	2.2	0.91	2.002	16.95	16.34	0.96
PO 6	2.6	0.96	2.50	1.6	1	1.6	2.6	1	2.6	2.5	0.96	2.4	2.6	0.91	2.37	2.75	1	2.75	2.2	0.91	2.002	16.85	16.22	0.96

B.Sc. (MPCs) DIRECT ASSESMENT ATTAINMENTS (Sem-II)

POs	English	PO Attainment	Weighted product	Telugu	PO Attainment	Weighted product	Hindi	PO Attainment	Weighted product	Sanskrit	PO Attainment	Weighted product	Maths	PO Attainment	Weighted product	Physics	PO Attainment	Weighted product	Computers	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO 1	2.3	1	2.3	2.1	0.95	2.00	2.6	1	2.6	2.4	0.96	2.30	2.6	0.97	2.52	2.33	1	2.33	1.8	0.88	1.584	16.13	15.63	0.97
PO 2	2.3	1	2.3	2.5	0.95	2.38	2.5	1	2.5	2.25	0.96	2.16	1	0.97	0.97	0.66	1	0.66	2.8	0.88	2.464	14.01	13.43	0.96
PO 3	2.1	1	2.1	2.5	0.95	2.38	2.5	1	2.5	2.4	0.96	2.30	1	0.97	0.97	2.33	1	2.33	2.8	0.88	2.464	15.63	15.04	0.96
PO 4	2.1	1	2.1	2.3	0.95	2.19	3	1	3	2.5	0.96	2.40	2.4	0.97	2.33	2.66	1	2.66	3	0.88	2.64	17.96	17.32	0.96
PO 5	2.3	1	2.3	2.0	0.95	1.90	2.6	1	2.6	2.25	0.96	2.16	2.6	0.97	2.52	2.33	1	2.33	2	0.88	1.76	16.08	15.57	0.97
PO 6	2.3	1	2.3	1.6	0.95	1.52	2.8	1	2.8	2.5	0.96	2.40	2.6	0.97	2.52	2	1	2	2.8	0.88	2.464	16.6	16.00	0.96

B.Sc. (MPCs) DIRECT ASSESMENT ATTAINMENTS (Sem-III)

POs	English	PO Attainment	Weighted product	Telugu	PO Attainment	Weighted product	Hindi	PO Attainment	Weighted product	Sanskrit	PO Attainment	Weighted product	Maths	PO Attainment	Weighted product	Physics	PO Attainment	Weighted product	Computers	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO 1	2.6	1	2.6	2.1	1	2.1	2.8	1	2.8	2.4	1	2.4	2.33	0.98	2.3	2.33	1	2.33	1.6	0.96	1.536	16.16	16.07	0.99
PO 2	2.1	1	2.1	2.5	1	2.5	2.3	1	2.3	2.25	1	2.25	1	0.98	0.98	0.66	1	0.66	2.8	0.96	2.688	13.61	13.48	0.99
PO 3	2.3	1	2.3	2.5	1	2.5	2.6	1	2.6	2.4	1	2.4	1	0.98	0.98	2.5	1	2.5	2.6	0.96	2.496	15.9	15.78	0.99
PO 4	2.3	1	2.3	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	2.33	0.98	2.3	2.33	1	2.33	2.2	0.96	2.112	16.26	16.14	0.99
PO 5	2.5	1	2.5	2.0	1	2.0	2.3	1	2.3	2.25	1	2.25	2.33	0.98	2.3	2.66	1	2.66	2.4	0.96	2.304	16.44	16.31	0.99
PO 6	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5	1	2.5	2.5	0.98	2.52	2.83	1	2.83	2.6	0.96	2.496	17.13	17.05	1.00

B.Sc. (MPCs) DIRECT ASSESMENT ATTAINMENTS (Sem-IV)

Os	Maths	PO Attainment	Weighted product	Physics	PO Attainment	Weighted product	Computers	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.5	0.97	2.4	2.4	1	2.4	1.75	1	1.75	6.65	6.55	0.98
PO2	1	0.97	0.97	0.66	1	0.66	2.5	1	2.5	4.16	4.13	0.99
PO3	1	0.97	0.97	2	1	2	2.5	1	2.5	5.5	5.47	0.99
PO4	3	0.97	3	2	1	2	2.75	1	2.75	7.75	7.75	1.00
PO5	2.5	0.97	2.4	2.4	1	2.4	2	1	2	6.9	6.8	0.99
PO6	2.8	0.97	2.7	2.4	1	2.4	2.5	1	2.5	7.7	7.6	0.99

B.Sc. (MPCs) DIRECT ASSESMENT ATTAINMENTS (Sem – V)

PO s	Maths V	PO Attainment	Weighted product	Maths VI	PO Attainment	Weighted product	Phy V	PO Attainment	Weighted product	Phy VI	PO Attainment	Weighted product	CS V	PO Attainment	Weighted product	CS VI	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	1.67	0.97	1.62	1.6	0.98	1.57	2.13	0.95	2.02	1.86	0.95	1.77	1.2	0.89	1.07	2	0.88	1.76	10.46	9.81	0.94
PO2	1.33	0.97	1.29	2	0.98	1.96	2.25	0.95	2.14	2	0.95	1.90	1.2	0.89	1.07	1.2	0.88	1.06	9.98	9.41	0.94
PO3	2	0.97	1.94	2	0.98	1.96	2.38	0.95	2.26	2.13	0.95	2.02	2	0.89	1.78	2.2	0.88	1.94	12.71	11.90	0.94
PO4	1.16	0.97	1.13	2	0.98	1.96	2.13	0.95	2.02	2.13	0.95	2.02	1.6	0.89	1.42	1.2	0.88	1.06	10.22	9.61	0.94
PO5	1.5	0.97	1.46	2	0.98	1.96	2.38	0.95	2.26	1.88	0.95	1.79	1.2	0.89	1.07	2	0.88	1.76	10.96	10.29	0.94
PO6	1.5	0.97	1.46	1.8	0.98	1.76	2.5	0.95	2.38	2.25	0.95	2.14	1.2	0.89	1.07	2	0.88	1.76	11.25	10.56	0.94

B.Sc. (MPCs) DIRECT ASSESMENT ATTAINMENTS (Sem-VI)

PO s	Maths VIA	PO Attainment	Weighted product	Maths VIB	PO Attainment	Weighted product	Maths VIB	PO Attainment	Weighted product	Physics Elective	PO Attainment	Weighted product	Physics Cluster - 1	PO Attainment	Weighted product	Physics Cluster - 2	PO Attainment	Weighted product	Physics Cluster - 3	PO Attainment	Weighted product	Computer elective	PO Attainment	Weighted product	Computer Cluster - 1	PO Attainment	Weighted product	Computer Cluster - 2	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.6	0.93	2.42	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	2	1	2	2.2	1	2.2	2	1	2	1.8	1	1.8	2.75	1	2.75	1.6	1	1.6	22.8	22.6	0.99
PO2	1	0.93	0.93	1	1	1	1	1	1	2	1	2	0.6	1	0.6	1	1	1	1.2	1	1.2	2.8	1	2.8	2.75	1	2.75	2.6	1	2.6	16	15.9	1
PO3	1	0.93	0.93	1	1	1	1	1	1	2.8	1	2.8	2.6	1	2.6	2.8	1	2.8	2.2	1	2.2	2.8	1	2.8	2.25	1	2.25	2.4	1	2.4	20.9	20.8	1
PO4	2.4	0.93	2.23	2.4	1	2.4	2.4	1	2.4	2.4	1	2.4	1.6	1	1.6	2	1	2	2	1	2	3	1	3	2.5	1	2.5	2.2	1	2.2	22.9	22.7	0.99
PO5	2.6	0.93	2.42	2.6	1	2.6	2.6	1	2.6	2.2	1	2.2	2.4	1	2.4	2.4	1	2.4	2.4	1	2.4	2	1	2	2.75	1	2.75	2.6	1	2.6	24.6	24.4	0.99
PO6	2.6	0.93	2.42	2.6	1	2.6	2.6	1	2.6	2.4	1	2.4	2.6	1	2.6	2.8	1	2.8	2.8	1	2.8	2.8	1	2.8	2.75	1	2.75	2.4	1	2.4	26.4	26.2	0.99

B.Sc. (MPCs) INDIRECT ASSESMENT ATTAINMENTS (Sem-I)

POs	English	PO Attainment	Weighted product	Telugu	PO Attainment	Weighted product	Hindi	PO Attainment	Weighted product	Sanskrit	PO Attainment	Weighted product	Maths	PO Attainment	Weighted product	Physics	PO Attainment	Weighted product	Computers	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.6	1	2.6	2.5	1	2.5	2.8	1	2.8	2.4	1	2.4	2.6	1	2.6	2.25	0.949	2.13	1.6	1	1.6	16.8	16.6	0.99
PO2	2.5	1	2.5	2.0	1	2.0	2.6	1	2.6	2.25	1	2.25	1	1	1	0.75	0.949	0.742	2.8	1	2.8	13.9	13.9	1
PO3	2.5	1	2.5	2.1	1	2.1	2.6	1	2.6	2.4	1	2.4	1	1	1	2.5	0.949	2.37	2.8	1	2.8	15.9	15.8	0.99
PO4	2.5	1	2.5	2.5	1	2.5	2.6	1	2.6	2.5	1	2.5	2.4	1	2.4	1.75	0.949	1.66	2.2	1	2.2	16.5	16.4	0.99
PO5	2.3	1	2.3	2.3	1	2.3	2.8	1	2.8	2.25	1	2.25	2.6	1	2.6	2.5	0.949	2.37	2.2	1	2.2	17	16.8	0.99
PO6	2.6	1	2.6	1.6	1	1.6	2.6	1	2.6	2.5	1	2.5	2.6	1	2.6	2.75	0.949	2.60	2.2	1	2.2	16.9	16.7	0.99

B.Sc. (MPCs) INDIRECT ASSESMENT ATTAINMENTS (Sem-II)

POs	English	PO Attainment	Weighted product	Telugu	PO Attainment	Weighted product	Hindi	PO Attainment	Weighted product	Sanskrit	PO Attainment	Weighted product	Maths	PO Attainment	Weighted product	Physics	PO Attainment	Weighted product	Computers	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.3	1	2.3	2.1	1	2.1	2.6	1	2.6	2.4	1	2.4	2.6	1	2.6	2.33	0.95	2.21	1.8	0.98	1.76	16.1	16	0.99
PO2	2.3	1	2.3	2.5	1	2.5	2.5	1	2.5	2.25	1	2.25	1	1	1	0.66	0.95	0.62	2.8	0.98	2.74	14	13.9	0.99
PO3	2.1	1	2.1	2.5	1	2.5	2.5	1	2.5	2.4	1	2.4	1	1	1	2.33	0.95	2.21	2.8	0.98	2.74	15.6	15.5	0.99
PO4	2.1	1	2.1	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	2.4	1	2.4	2.66	0.95	2.52	3	0.98	2.94	17.3	17.1	0.99
PO5	2.3	1	2.3	2.0	1	2.0	2.0	1	2.0	2.25	1	2.25	2.6	1	2.6	2.33	0.95	2.21	2	0.98	1.96	15.5	15.3	0.99
PO6	2.3	1	2.3	1.6	1	1.6	1.6	1	1.6	2.5	1	2.5	2.6	1	2.6	2	0.95	1.9	2.8	0.98	2.74	15.4	15.2	0.99

B.Sc. (MPCs) INDIRECT ASSESMENT ATTAINMENTS (Sem-III)

PO s	Engli sh	PO Attain ment	Weig hted produ ct	Telu gu	PO Attai nment	Wei ghte d produ ct	Hin di	PO Attai nment	Wei ghte d produ ct	Sans krit	PO Attai nment	Weig hted produ ct	Math s	PO Attai nment	Weig hted produ ct	Physi cs	PO Attain ment	Weight ed product	Comp uters	PO Attai nment	Wei ghted produ ct	Wei ghted Sum	Wei ghted Sum	Weight ed Averag e
PO 1	2.6	1	2.6	2.1	1	2.1	2.8	1	2.8	2.4	1	2.4	2.33	1	2.33	2.33	0.862	2.00	1.6	1	1.6	16.2	15.8	0.98
PO 2	2.1	1	2.1	2.5	1	2.5	2.3	1	2.3	2.25	1	2.25	1	1	1	0.66	0.862	0.56	2.8	1	2.8	13.6	13.5	0.99
PO 3	2.3	1	2.3	2.5	1	2.5	2.6	1	2.6	2.4	1	2.4	1	1	1	2.5	0.862	2.15	2.6	1	2.6	15.9	15.6	0.98
PO 4	2.3	1	2.3	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	2.33	1	2.33	2.33	0.862	2.00	2.2	1	2.2	16.3	15.9	0.98
PO 5	2.5	1	2.5	2.0	1	2.0	2.3	1	2.3	2.25	1	2.25	2.33	1	2.33	2.66	0.862	2.29	2.4	1	2.4	16.4	16.1	0.98
PO 6	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5	1	2.5	2.5	1	2.5	2.83	0.862	2.43	2.6	1	2.6	17.1	16.7	0.98

B.Sc. (MPCs) INDIRECT ASSESMENT ATTAINMENTS (Sem-IV)

PO s	Maths	PO Attain ment	Weig hted produ ct	Physi cs	PO Attain ment	Weighted product	Computers	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.5	1	2.33	2.4	0.842	2.02	1.75	1	1.75	6.65	6.1	0.92
PO2	1	1	1	0.66	0.842	0.55	2.5	1	2.5	4.16	4.05	0.97
PO3	1	1	1	2	0.842	0.708	2.5	1	2.5	5.5	4.21	0.77
PO4	3	1	2.33	2	0.842	0.708	2.75	1	2.75	7.75	5.79	0.75
PO5	2.5	1	2.33	2.4	0.842	2.02	2	1	2	6.9	6.35	0.92
PO6	2.8	1	2.5	2.4	0.842	2.02	2.5	1	2.5	7.7	7.02	0.91

B.Sc. (MPCs) INDIRECT ASSESMENT ATTAINMENTS (Sem-V)

POs	Maths V	PO Attainment	Weighted product	Maths VI	PO Attainment	Weighted product	Phy V	PO Attainment	Weighted product	Phy VI	PO Attainment	Weighted product	CS V	PO Attainment	Weighted product	CS VI	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	1.67	0.76	1.27	1.6	0.93	1.49	2.13	1	2.13	1.86	1	1.86	1.2	1	1.20	2	1	2.00	10.46	9.95	0.95
PO2	1.33	0.76	1.01	2	0.93	1.86	2.25	1	2.25	2	1	2.00	1.2	1	1.20	1.2	1	1.20	9.98	9.52	0.95
PO3	2	0.76	1.52	2	0.93	1.86	2.38	1	2.38	2.13	1	2.13	2	1	2.00	2.2	1	2.20	12.71	12.09	0.95
PO4	1.16	0.76	0.88	2	0.93	1.86	2.13	1	2.13	2.13	1	2.13	1.6	1	1.60	1.2	1	1.20	10.22	9.80	0.96
PO5	1.5	0.76	1.14	2	0.93	1.86	2.38	1	2.38	1.88	1	1.88	1.2	1	1.20	2	1	2.00	10.96	10.46	0.95
PO6	1.5	0.76	1.14	1.8	0.93	1.67	2.5	1	2.50	2.25	1	2.25	1.2	1	1.20	2	1	2.00	11.25	10.76	0.96

B.Sc. (MPCs) INDIRECT ASSESMENT ATTAINMENTS (Sem-VI)

POs	Maths VI A	PO Attainment	Weighted product	Maths VI B	PO Attainment	Weighted product	Maths VI B	PO Attainment	Weighted product	Physics Elective	PO Attainment	Weighted product	Physics C-1	PO Attainment	Weighted product	Physics C-2	PO Attainment	Weighted product	Physics C-3	PO Attainment	Weighted product	Computer elective	PO Attainment	Weighted product	Computer Cluster-1	PO Attainment	Weighted product	Computer Cluster-2	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	2	1	2	2.2	1	2.2	2	1	2	1.8	0.86	1.548	2.75	0.95	2.61	1.6	1	1.6	22.8	22.4	0.98
PO2	1	1	1	1	1	1	1	1	1	2	1	2	0.6	1	0.6	1	1	1	1.2	1	1.2	2.8	0.86	2.408	2.75	0.95	2.61	2.6	1	2.6	16	15.4	0.97
PO3	1	1	1	1	1	1	1	1	1	2.8	1	2.8	2.6	1	2.6	2.8	1	2.8	2.2	1	2.2	2.8	0.86	2.408	2.25	0.95	2.14	2.4	1	2.4	20.9	20.3	0.98
PO4	2.4	1	2.4	2.4	1	2.4	2.4	1	2.4	2.4	1	2.47	1.6	1	2.4	2	1	2	2	1	2	3	0.86	2.58	2.5	0.95	2.38	2.2	1	2.2	22.9	23.2	1.01
PO5	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	2.2	1	2.2	2.4	1	2.4	2.4	1	2.4	2.4	1	2.4	2	0.86	1.72	2.75	0.95	2.61	2.6	1	2.6	24.6	24.1	0.98
PO6	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	2.4	1	2.4	2.6	1	2.6	2.8	1	2.8	2.8	1	2.8	2.8	0.86	2.408	2.75	0.95	2.61	2.4	1	2.4	26.4	25.8	0.98

B.Sc. (MPCs) FINAL ASSESMENT ATTAINMENTS (Sem-I)

PO s	Englis h	PO Attainm ent	Weight ed product	Telug u	PO Attainm ent	Weig hted produ ct	Hindi	PO Attainm ent	Weig hted produ ct	Sans krit	PO Attainm ent	Weig hted produ ct	Mat hs	PO Attainm ent	Weig hted produ ct	Phys ics	PO Attainm ent	Weigh ted produc t	Compute rs	PO Attainme nt	Weighted product	Weigh ted Sum	Weig hted Sum	Weig hted Avera ge
PO1	2.6	0.85	2.21	2.5	0.91	2.28	2.8	1	2.8	2.4	0.96	2.30	2.6	0.98	2.55	2.25	0.86	1.944	1.6	0.95	1.52	16.75	15.6	0.93
PO2	2.5	0.85	2.125	2	0.91	1.82	2.6	1	2.6	2.25	0.96	2.16	1	0.98	0.98	0.75	0.86	0.648	2.8	0.95	2.66	13.9	12.99	0.93
PO3	2.5	0.85	2.125	2.1	0.91	1.91	2.6	1	2.6	2.4	0.96	2.30	1	0.98	0.98	2.5	0.86	2.16	2.8	0.95	2.66	15.9	14.74	0.93
PO4	2.5	0.85	2.125	2.5	0.91	2.28	2.6	1	2.6	2.5	0.96	2.4	2.4	0.98	2.35	1.75	0.86	1.512	2.2	0.95	2.09	16.45	15.36	0.93
PO5	2.3	0.85	1.955	2.3	0.91	2.09	2.8	1	2.8	2.25	0.96	2.16	2.6	0.98	2.55	2.5	0.86	2.16	2.2	0.95	2.09	16.95	15.81	0.93
PO6	2.6	0.85	2.21	1.6	0.91	1.46	2.6	1	2.6	2.5	0.96	2.4	2.6	0.98	2.55	2.75	0.86	2.376	2.2	0.95	2.09	16.85	15.69	0.93

B.Sc. (MPCs) FINAL ASSESMENT ATTAINMENTS (Sem-II)

PO s	Englis h	PO Attainm ent	Weigh ted produc t	Telug u	PO Attainm ent	Weig hted produ ct	Hindi	PO Attainm ent	Weig hted produ ct	Sans krit	PO Attainm ent	Weig hted produ ct	Mat hs	PO Attainm ent	Weig hted produ ct	Phys ics	PO Attainm ent	Weigh ted produc t	Comput ers	PO Attainment	Weighte d product	Weight ed Sum	Weight ed Sum	Weighte d Average
PO1	2.3	1	2.3	2.1	1	2.1	2.6	1	2.6	2.4	1	2.4	2.6	0.92	2.4	2.33	0.966	2.25	1.8	0.98	1.76	16.13	15.81	0.98
PO2	2.3	1	2.3	2.5	1	2.5	2.5	1	2.5	2.25	1	2.25	1	0.92	0.92	0.66	0.966	0.637	2.8	0.98	2.74	14.01	13.847	0.99
PO3	2.1	1	2.1	2.5	1	2.5	2.5	1	2.5	2.4	1	2.4	1	0.92	0.92	2.33	0.966	2.25	2.8	0.98	2.74	15.63	15.41	0.99
PO4	2.1	1	2.1	2.3	1	2.3	3	1	3	2.5	1	2.5	2.4	0.92	2.21	2.66	0.966	2.56	3	0.98	2.94	17.96	17.61	0.98
PO5	2.3	1	2.3	2.0	1	2.0	2.6	1	2.6	2.25	1	2.25	2.6	0.92	2.4	2.33	0.966	2.25	2	0.98	1.96	16.08	15.76	0.98
PO6	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5	1	2.5	2.6	0.92	2.4	2	0.966	1.932	2.8	0.98	2.74	16.6	16.272	0.98

B.Sc. (MPCs) FINAL ASSESMENT ATTAINMENTS (Sem-III)

PO s	Engli sh	PO Attain ment	Weig hted produ ct	Telu gu	PO Attai nme nt	Wei ghte d produ ct	Hin di	PO Attai nmen t	Wei ghte d produ ct	Sans krit	PO Atta inme nt	Wei ghte d produ ct	Mat hs	PO Attai nme nt	Weig hted produ ct	Physi cs	PO Attain ment	Weigh ted produc t	Comp uters	PO Attain ment	Weighte d product	Weight ed Sum	Weight ed Sum	Weight ed Averag e
PO 1	2.6	1	2.6	2.1	1	2.1	2.8	1	2.8	2.4	1	2.4	2.3 3	0.97	2.26	2.33	0.96	2.24	1.6	0.98	1.57	16.16	15.97	0.99
PO 2	2.1	1	2.1	2.5	1	2.5	2.3	1	2.3	2.25	1	2.25	1	0.97	0.97	0.66	0.96	0.636	2.8	0.98	2.74	13.61	13.5	0.99
PO 3	2.3	1	2.3	2.5	1	2.5	2.6	1	2.6	2.4	1	2.4	1	0.97	0.97	2.5	0.96	2.4	2.6	0.98	2.55	15.9	15.72	0.99
PO 4	2.3	1	2.3	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	2.3 3	0.97	2.26	2.33	0.96	2.24	2.2	0.98	2.16	16.26	16.06	0.99
PO 5	2.5	1	2.5	2.0	1	2.0	2.3	1	2.3	2.25	1	2.25	2.3 3	0.97	2.26	2.66	0.96	2.56	2.4	0.98	2.35	16.44	16.22	0.99
PO 6	2.3	1	2.3	1.6	1	1.6	2.8	1	2.8	2.5	1	2.5	2.5	0.97	2.43	2.83	0.96	2.73	2.6	0.98	2.55	17.13	16.91	0.99

B.Sc. (MPCs) FINAL ASSESMENT ATTAINMENTS (Sem-IV)

PO s	Maths	PO Attain ment	Weig hted produ ct	Physi cs	PO Attain ment	Weighted product	Computers	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.5	0.97	2.4	2.4	0.95	2.27	1.75	1	1.75	6.65	6.42	0.97
PO2	1	0.97	0.97	0.66	0.95	0.63	2.5	1	2.5	4.16	4.10	0.98
PO3	1	0.97	0.97	2	0.95	1.89	2.5	1	2.5	5.5	5.36	0.98
PO4	3	0.97	3	2	0.95	1.89	2.75	1	2.75	7.75	7.64	0.99
PO5	2.5	0.97	2.4	2.4	0.95	2.27	2	1	2	6.9	6.67	0.97
PO6	2.8	0.97	2.7	2.4	0.95	2.27	2.5	1	2.5	7.7	7.47	0.97

B.Sc. (MPCs) FINAL ASSESMENT ATTAINMENTS (Sem – V)

Pos	Mat hs V	PO Attai nmen t	Weight ed produc t	Math s VI	PO Attain ment	Weig hted prod uct	Phy V	PO Attain ment	Weig hted prod uct	Phy VI	PO Attai nmen t	Wei ghte d pro duct	CS V	PO Attain ment	Weig hted prod uct	CS VI	PO Attai nmen t	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO 1	1.67	0.78	1.30	1.6	0.97	1.55	2.13	0.86	1.83	1.86	0.91	1.69	1.2	0.96	1.15	2	0.98	1.96	10.46	9.49	0.91
PO2	1.33	0.78	1.04	2	0.97	1.94	2.25	0.86	1.94	2	0.91	1.82	1.2	0.96	1.15	1.2	0.98	1.18	9.98	9.06	0.91
PO3	2	0.78	1.56	2	0.97	1.94	2.38	0.86	2.05	2.13	0.91	1.94	2	0.96	1.92	2.2	0.98	2.16	12.71	11.56	0.91
PO4	1.16	0.78	0.90	2	0.97	1.94	2.13	0.86	1.83	2.13	0.91	1.94	1.6	0.96	1.54	1.2	0.98	1.18	10.22	9.33	0.91
PO5	1.5	0.78	1.17	2	0.97	1.94	2.38	0.86	2.05	1.88	0.91	1.71	1.2	0.96	1.15	2	0.98	1.96	10.96	9.98	0.91
PO6	1.5	0.78	1.17	1.8	0.97	1.75	2.5	0.86	2.15	2.25	0.91	2.05	1.2	0.96	1.15	2	0.98	1.96	11.25	10.23	0.91

B.Sc. (MPCs) FINAL ASSESMENT ATTAINMENTS (Sem-VI)

POs	Maths VIB	PO Attainment	Weighted product	MATHS VIB	PO Attainment	Weighted product	MAths VIB	PO Attainment	Weighted product	Physics Elective	PO Attainment	Weighted product	Physics C-1	PO Attainment	Weighted product	Physics C-2	PO Attainment	Weighted product	Physics C-3	PO Attainment	Weighted product	Computer elective	PO Attainment	Weighted product	Computer Cluster-1	PO Attainment	Weighted product	Computer Cluster-2	PO Attainment	Weighted product	Weighted Sum	Weighted Sum	Weighted Average
PO1	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	2	1	2	2.2	1	2.2	2	1	2	1.8	0.96	1.73	2.75	1	2.75	1.6	1	1.6	22.8	22.7	1
PO2	1	1	1	1	1	1	1	1	1	2	1	2	0.6	1	0.6	1	1	1	1.2	1	1.2	2.8	0.96	2.69	2.75	1	2.75	2.6	1	2.6	16	15.8	0.99
PO3	1	1	1	1	1	1	1	1	1	2.8	1	2.8	2.6	1	2.6	2.8	1	2.8	2.2	1	2.2	2.8	0.96	2.69	2.25	1	2.25	2.4	1	2.4	20.9	20.7	0.99
PO4	2.4	1	2.4	2.4	1	2.4	2.4	1	2.4	2.4	1	2.4	1.6	1	1.6	2	1	2	2	1	2	3	0.96	2.88	2.5	1	2.5	2.2	1	2.2	22.9	22.8	0.99
PO5	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	2.2	1	2.2	2.4	1	2.4	2.4	1	2.4	2.4	1	2.4	2	0.96	1.92	2.75	1	2.75	2.6	1	2.6	24.6	24.5	1
PO6	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	2.4	1	2.4	2.6	1	2.6	2.8	1	2.8	2.8	1	2.8	2.8	0.96	2.69	2.75	1	2.75	2.4	1	2.4	26.4	26.2	1

MPCS CC_DA Attainment 2019 – 2020


	Sum of Weighted Product/ Weighted Sum of POs Sem -I	Sum of Weighted Product/ Weighted Sum of POs Sem -II	Sum of Weighted Product/ Weighted Sum of POs Sem -III	Sum of Weighted Product/ Weighted Sum of POs Sem -IV	Sum of Weighted Product/ Weighted Sum of POs Sem -V	Sum of Weighted Product/ Weighted Sum of POs Sem -VI	Average of Pos Attained	% of Attainment
Pos1	0.97	0.97	0.99	0.98	0.94	0.99	0.97	97%
Pos2	0.96	0.96	0.99	0.99	0.94	1	0.97	97%
Pos3	0.97	0.96	0.99	0.99	0.94	1	0.98	98%
Pos4	0.96	0.96	0.99	1.00	0.94	0.99	0.97	97%
Pos5	0.96	0.97	0.99	0.99	0.94	0.99	0.97	97%
Pos6	0.96	0.96	1.00	0.99	0.94	0.99	0.97	97%

MPCS CC_IA Attainment 2019 – 2020

	Sum of Weighted Product/ Weighted Sum of POs Sem -I	Sum of Weighted Product/ Weighted Sum of POs Sem -II	Sum of Weighted Product/ Weighted Sum of POs Sem -III	Sum of Weighted Product/ Weighted Sum of POs Sem -IV	Sum of Weighted Product/ Weighted Sum of POs Sem -V	Sum of Weighted Product/ Weighted Sum of POs Sem -VI	Average of Pos Attained	% of Attainment
Pos1	0.99	0.99	0.98	0.92	0.95	0.98	0.97	97%
Pos2	1	0.99	0.99	0.97	0.95	0.97	0.98	98%
Pos3	0.99	0.99	0.98	0.77	0.95	0.98	0.94	94%
Pos4	0.99	0.99	0.98	0.75	0.96	1.01	0.95	95%
Pos5	0.99	0.99	0.98	0.92	0.95	0.98	0.97	97%
Pos6	0.99	0.99	0.98	0.91	0.96	0.98	0.97	97%

MPCS CC_FA Attainment 2019 – 2020

	Sum of Weighted Product/ Weighted Sum of POs Sem -I	Sum of Weighted Product/ Weighted Sum of POs Sem -II	Sum of Weighted Product/ Weighted Sum of POs Sem -III	Sum of Weighted Product/ Weighted Sum of POs Sem -IV	Sum of Weighted Product/ Weighted Sum of POs Sem -V	Sum of Weighted Product/ Weighted Sum of POs Sem -VI	Average of Pos Attained	% of Attainment
Pos1	0.93	0.98	0.99	0.97	0.91	1	0.96	96%
Pos2	0.93	0.99	0.99	0.98	0.91	0.99	0.97	97%
Pos3	0.93	0.99	0.99	0.98	0.91	0.99	0.97	97%
Pos4	0.93	0.98	0.99	0.99	0.91	0.99	0.97	97%
Pos5	0.93	0.98	0.99	0.97	0.91	1	0.96	96%
Pos6	0.93	0.98	0.99	0.97	0.91	1	0.96	96%


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DEPARTMENT OF HOME SCIENCE

Mapping and Attainment of Programme Outcomes and Course Outcomes

SEMESTER - I

HSc-101: Basic Nutrition

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	0
CO2	2	1	3	2	1	1
CO3	2	2	2	3	1	2
CO4	1	1	2	3	2	2
CO5	1	2	3	2	3	3
CO6	2	2	3	2	2	3
Average	1.8	1.6	2.3	2.1	1.5	1.8

HSc-102: Biochemistry

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	2	0	1
CO2	2	1	3	2	1	2
CO3	2	2	3	3	1	2
CO4	1	1	2	3	2	2
CO5	2	2	3	3	3	3
CO6	1	2	2	2	2	3
Average	1.8	1.6	2.3	2.5	1.5	2.1

HSc-103: Microbiology

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	1
CO2	2	1	3	2	1	2
CO3	2	2	2	3	1	2
CO4	1	2	2	3	2	2
CO5	2	2	3	2	3	3
CO6	2	3	3	2	2	3
Average	2	2	2.3	2.1	1.5	2.1

Cos attainment Targets at Course level:

Course Evaluation	Levels of Assessment	Target Fixed	Attainment Level
CIA (25 Marks)	MSA 15 Marks (Mid)	≥ 8 Marks	1 otherwise zero
	CCAA 10 Marks (Assignment and Seminars)	≥ 7 Marks	1 otherwise zero
SEE (75 Marks)	FA	≥ 26 Marks	1 otherwise zero

Attainment level of each course in Sem 1:

Courses	No of students attended	No of students attained			CO_MSA	CO_CCAA	CO_FA
		MSA	CCAA	FA			
Eng	21	21	21	20	1	1	0.95
San	03	03	03	02	1	1	0.66
Tel	16	15	16	16	0.93	1	1
BN	21	19	21	11	0.90	1	0.52
Bio	21	13	21	15	0.61	1	0.71
Micro	21	18	21	20	0.86	1	0.95

MSA Attainment Sem I

POs	Eng	POA	WP	Tel	POA	WP	San	POA	WP	BN	POA	WP	Bio	POA	WP	Micro	POA	WP	SW	WS	WA	% of attainment
PO1	2.5	1	2.5	2.5	0.93	2.325	2.4	1	2.4	1.8	0.90	1.6	1.8	0.61	1.1	2.0	0.86	1.7	13	11.64	0.90	90
PO2	2	1	2	2	0.93	1.86	2.2	1	2.2	1.6	0.90	1.4	1.6	0.61	1.0	2.0	0.86	1.7	11.4	10.18	0.89	89
PO3	2.1	1	2.1	2.1	0.93	1.953	2.4	1	2.4	2.3	0.90	2.1	2.3	0.61	1.4	2.3	0.86	2.0	13.5	11.93	0.88	88
PO4	2.5	1	2.5	2.5	0.93	2.325	2.5	1	2.5	2.1	0.90	1.9	2.5	0.61	1.5	2.1	0.86	1.8	14.2	12.54	0.88	88
PO5	2.3	1	2.3	2.3	0.93	2.139	2.2	1	2.2	1.5	0.90	1.4	1.5	0.61	0.9	1.5	0.86	1.3	11.3	10.20	0.90	90
PO6	1.6	1	1.6	1.6	0.93	1.488	2.5	1	2.5	1.8	0.90	1.6	2.1	0.61	1.3	2.1	0.86	1.8	11.7	10.29	0.88	88

POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum Weighted Average

CCAA Attainment Sem I

POs	Eng	POA	WP	Tel	POA	WP	San	POA	WP	BN	POA	WP	Bio	POA	WP	Micro	POA	WP	SW	WS	WA	% of attainment
PO1	2.5	1	2.5	2.5	1	2.5	2.4	1	2.4	1.8	1	1.6	1.8	0.61	1.1	2	1	1.7	13	11.8	0.91	91
PO2	2	1	2	2	1	2	2.2	1	2.2	1.6	1	1.4	1.6	0.61	1	2	1	1.7	11.4	10.3	0.90	90
PO3	2.1	1	2.1	2.1	1	2.1	2.4	1	2.4	2.3	1	2.1	2.3	0.61	1.4	2.3	1	2	13.5	12.1	0.90	90
PO4	2.5	1	2.5	2.5	1	2.5	2.5	1	2.5	2.1	1	1.9	2.5	0.61	1.5	2.1	1	1.8	14.2	12.7	0.89	89
PO5	2.3	1	2.3	2.3	1	2.3	2.2	1	2.2	1.5	1	1.4	1.5	0.61	0.9	1.5	1	1.3	11.3	10.4	0.92	92
PO6	1.6	1	1.6	1.6	1	1.6	2.5	1	2.5	1.8	1	1.6	2.1	0.61	1.3	2.1	1	1.8	11.7	10.4	0.89	89
POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum Weighted Average																						

Final Assessment Attainment Sem I

POs	Eng	POA	WP	Tel	POA	WP	San	POA	WP	BN	POA	WP	Bio	POA	WP	Micro	POA	WP	SW	WS	WA	% of attainment
PO1	2.5	0.95	2.4	2.5	0.66	1.7	2.4	1	2.4	1.8	0.90	1.6	1.8	0.61	1.1	2.0	0.86	1.7	13	10.83	0.83	83
PO2	2	0.95	1.9	2	0.66	1.3	2.2	1	2.2	1.6	0.90	1.4	1.6	0.61	1.0	2.0	0.86	1.7	11.4	9.52	0.84	84
PO3	2.1	0.95	2.0	2.1	0.66	1.4	2.4	1	2.4	2.3	0.90	2.1	2.3	0.61	1.4	2.3	0.86	2.0	13.5	11.28	0.84	84
PO4	2.5	0.95	2.4	2.5	0.66	1.7	2.5	1	2.5	2.1	0.90	1.9	2.5	0.61	1.5	2.1	0.86	1.8	14.2	11.73	0.83	83
PO5	2.3	0.95	2.2	2.3	0.66	1.5	2.2	1	2.2	1.5	0.90	1.4	1.5	0.61	0.9	1.5	0.86	1.3	11.3	9.50	0.84	84
PO6	1.6	0.95	1.5	1.6	0.66	1.1	2.5	1	2.5	1.8	0.90	1.6	2.1	0.61	1.3	2.1	0.86	1.8	11.7	9.78	0.84	84

SEMESTER - II

HSc-201: Human Physiology (H.Phy)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	1	2	1	0	2
CO2	2	2	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	2	2	3	2	2
CO5	2	2	3	2	3	3
CO6	1	3	3	2	2	3
Average	2.0	2.0	2.5	2.2	1.5	2.3

HSc-202: Nutritional Biochemistry (N.Bio)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	2	1	0	1
CO2	2	1	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	1	2	2	1	3
CO5	1	3	3	2	3	2
CO6	2	2	3	3	1	3
Average	2.0	1.8	2.5	2.2	1.2	2.2

HSc-203: General Psychology (G.Psy)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	1	1	1	0	1
CO2	2	2	3	2	1	2
CO3	2	2	3	3	1	2
CO4	2	1	2	3	1	3
CO5	1	2	2	2	3	2
CO6	2	2	2	3	2	3
Average	2.0	1.7	2.2	2.3	1.3	2.2

Cos attainment Targets at Course level:

Course Evaluation	Levels of Assessment	Target Fixed	Attainment Level
CIA(25 Marks)	MSA 15 Marks(Mid)	≥ 8 Marks	1 otherwise zero
	CCAA 10 Marks(Assignment and Seminars)	≥ 7 Marks	1 otherwise zero
SEE(75 Marks)	FA	≥ 26 Marks	1 otherwise zero

Attainment level of each course in Sem II:

Courses	No of students attended	No of students attained			CO_MSA	CO_CCAA	CO_FA
		MSA	CCAA	FA			
Eng	20	20	20	19	1	1	0.95
Tel	17	17	17	17	1	1	1
San	3	3	3	3	1	1	1
H. Phy	20	16	20	18	0.80	1	0.90
N. Bio	20	16	20	19	0.80	1	0.95
G. Psy	20	17	20	19	0.85	1	0.95

MSA Attainment Sem II

POs	Eng	POA	WP	Tel	POA	WP	San	POA	WP	H.Phy	POA	WP	N. Bio	POA	WP	G. Psy	POA	WP	SW	WS	WA	% of attainment
PO1	2.3	1	2.3	2.1	1	2.1	2.4	1	2.4	2.0	0.80	1.6	2.0	0.80	1.6	2.0	0.85	1.7	12.4	11.20	0.90	90
PO2	2.3	1	2.3	2.5	1	2.5	2.2	1	2.2	2.0	0.80	1.6	1.8	0.80	1.4	1.7	0.85	1.4	12.2	11.10	0.91	91
PO3	2.1	1	2.1	2.5	1	2.5	2.4	1	2.4	2.5	0.80	2.0	2.5	0.80	2.0	2.2	0.85	1.9	13.9	12.50	0.90	90
PO4	2.1	1	2.1	2.3	1	2.3	2.5	1	2.5	2.2	0.80	1.8	2.2	0.80	1.8	2.3	0.85	2.0	13.6	12.10	0.89	89
PO5	2.3	1	2.3	2.0	1	2.0	2.2	1	2.2	1.5	0.80	1.2	1.2	0.80	1.0	1.3	0.85	1.1	11	10.10	0.92	92
PO6	2.3	1	2.3	1.6	1	1.6	2.5	1	2.5	2.3	0.80	1.8	2.2	0.80	1.8	2.2	0.85	1.9	12.4	11.10	0.90	90
POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum Weighted Average																						

CCAA Attainment Sem II

POs	Eng	POA	WP	Tel	POA	WP	San	POA	WP	H.Phys	POA	WP	N. Bio	POA	WP	G. Psy	POA	WP	SW	WS	WA	% of attainment
PO1	2.3	1	2.3	2.1	1	2.1	2.4	1	2.4	2.0	1	2.0	2.0	1	2.0	2.0	1	2.0	12.4	11.20	0.90	90
PO2	2.3	1	2.3	2.5	1	2.5	2.2	1	2.2	2.0	1	2.0	1.8	1	1.8	1.7	1	1.7	12.2	11.10	0.91	91
PO3	2.1	1	2.1	2.5	1	2.5	2.4	1	2.4	2.5	1	2.5	2.5	1	2.5	2.2	1	2.2	13.9	12.50	0.90	90
PO4	2.1	1	2.1	2.3	1	2.3	2.5	1	2.5	2.2	1	2.2	2.2	1	2.2	2.3	1	2.3	13.6	12.10	0.89	89
PO5	2.3	1	2.3		1	0.0	2.2	1	2.2	1.5	1	1.5	1.2	1	1.2	1.3	1	1.3	9	8.10	0.90	90
PO6	2.3	1	2.3	1.6	1	1.6	2.5	1	2.5	2.3	1	2.3	2.2	1	2.2	2.2	1	2.2	12.4	11.10	0.90	90

Final Assessment Attainment Sem II

POs	Eng	POA	WP	Tel	POA	WP	San	POA	WP	H.Phys	POA	WP	N. Bio	POA	WP	G. Psy	POA	WP	SW	WS	WA	% of attainment
PO1	2.3	0.95	2.2	2.1	1	2.1	2.4	1	2.4	2.0	0.90	1.8	2.0	0.95	1.9	2.0	0.95	1.9	12.4	11.09	0.89	89
PO2	2.3	0.95	2.2	2.5	1	2.5	2.2	1	2.2	2.0	0.90	1.8	1.8	0.95	1.7	1.7	0.95	1.6	12.2	10.99	0.90	90
PO3	2.1	0.95	2.0	2.5	1	2.5	2.4	1	2.4	2.5	0.90	2.3	2.5	0.95	2.4	2.2	0.95	2.1	13.9	12.40	0.89	89
PO4	2.1	0.95	2.0	2.3	1	2.3	2.5	1	2.5	2.2	0.90	2.0	2.2	0.95	2.1	2.3	0.95	2.2	13.6	12.00	0.88	88
PO5	2.3	0.95	2.2	2.0	1	2.0	2.2	1	2.2	1.5	0.90	1.4	1.2	0.95	1.1	1.3	0.95	1.2	11	9.99	0.91	91
PO6	2.3	0.95	2.2	1.6	1	1.6	2.5	1	2.5	2.3	0.90	2.1	2.2	0.95	2.1	2.2	0.95	2.1	12.4	10.99	0.89	89

POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum WA: Weighted Average

SEMESTER - III

HSc-301: Food Science (FS)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	2
CO2	2	1	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	2	2	3	1	2
CO5	1	3	2	2	3	2
CO6	2	2	3	3	2	3
Average	2.0	2.0	2.2	2.3	1.3	2.2

HSc-302: Textile Fibers (TF)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	2
CO2	2	2	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	1	2	3	2	2
CO5	1	3	2	2	3	2
CO6	2	2	3	3	2	3
Average	2.0	2.0	2.2	2.3	1.5	2.2

HSc-303: Housing for Better Family Living (HBL)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	2	0	2
CO2	2	2	3	2	1	2
CO3	2	2	3	3	1	2
CO4	2	1	2	3	1	3
CO5	1	3	2	2	3	2
CO6	2	2	3	3	2	3
Average	2.0	2.0	2.3	2.5	1.3	2.3

Cos attainment Targets at Course level:

Course Evaluation	Levels of Assessment	Target Fixed	Attainment Level
CIA(25 Marks)	MSA 15 Marks(Mid)	≥ 7.5 Marks	1 otherwise zero
	CCAA 10 Marks(Assignment and Seminars)	≥ 7.5 Marks	1 otherwise zero
SEE(75 Marks)	FA	≥ 26 Marks	1 otherwise zero

Attainment level of each course in Sem III:

Courses	No of students attended	No of students attained			CO_MSA	CO_CCAA	CO_FA
		MSA	CCAA	FA			
Eng	17	17	17	17	1	1	1
Tel	13	12	13	12	0.92	1	0.92
San	3	3	3	3	1	1	1
FS	17	15	17	17	0.88	1	1
TF	17	14	17	17	0.82	1	1
HBL	17	14	17	17	0.82	1	1

MSA Attainment Sem III

POs	Eng	POA	WP	Tel	POA	WP	San	POA	WP	FS	POA	WP	TF	POA	WP	HBL	POA	WP	SW	WS	WA	% of attainment
PO1	2.6	1	2.6	2.1	0.92	1.9	2.4	1	2.4	2.0	0.88	1.8	2.0	0.82	1.6	2.0	0.82	1.6	12.7	11.33	0.89	89
PO2	2.1	1	2.1	2.5	0.92	2.3	2.2	1	2.2	2.0	0.88	1.8	2.0	0.82	1.6	2.0	0.82	1.6	12	10.70	0.89	89
PO3	2.3	1	2.3	2.5	0.92	2.3	2.4	1	2.4	2.2	0.88	1.9	2.2	0.82	1.8	2.3	0.82	1.9	14.1	12.50	0.89	89
PO4	2.3	1	2.3	2.3	0.92	2.1	2.5	1	2.5	2.3	0.88	2.0	2.3	0.82	1.9	2.5	0.82	2.1	13.8	12.12	0.88	88
PO5	2.5	1	2.5	2.0	0.92	1.8	2.2	1	2.2	1.3	0.88	1.1	1.5	0.82	1.2	1.3	0.82	1.1	11.2	10.14	0.91	91
PO6	2.3	1	2.3	1.6	0.92	1.5	2.5	1	2.5	2.2	0.88	1.9	2.2	0.82	1.8	2.2	0.82	1.8	12.4	10.97	0.88	88

POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum Weighted Average

CCAA Attainment Sem III																						
POs	Eng	POA	WP	Tel	POA	WP	San	POA	WP	FS	POA	WP	TF	POA	WP	HBL	POA	WP	SW	WS	WA	% of attainment
PO1	2.6	1	2.6	2.1	1	2.1	2.4	1	2.4	2.0	1	2.0	2.0	1	2.0	2.0	0.84	1.7	12.7	11.50	0.91	91
PO2	2.1	1	2.1	2.5	1	2.5	2.2	1	2.2	2.0	1	2.0	2.0	1	2.0	2.0	0.84	1.7	12	10.90	0.91	91
PO3	2.3	1	2.3	2.5	1	2.5	2.4	1	2.4	2.2	1	2.2	2.2	1	2.2	2.3	0.84	1.9	14.1	12.70	0.90	90
PO4	2.3	1	2.3	2.3	1	2.3	2.5	1	2.5	2.3	1	2.3	2.3	1	2.3	2.5	0.84	2.1	13.8	12.30	0.89	89
PO5	2.5	1	2.5	2.0	1	2.0	2.2	1	2.2	1.3	1	1.3	1.5	1	1.5	1.3	0.84	1.1	11.2	10.30	0.92	92
PO6	2.3	1	2.3	1.6	1	1.6	2.5	1	2.5	2.2	1	2.2	2.2	1	2.2	2.2	0.84	1.8	12.4	11.10	0.90	90
POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum Weighted Average																						

Final Assessment Attainment Sem III																						
POs	Eng	POA	WP	Tel	POA	WP	San	POA	WP	FS	POA	WP	TF	POA	WP	HBL	POA	WP	SW	WS	WA	% of attainment
PO1	2.6	1	2.6	2.1	0.92	1.9	2.4	1	2.4	2.0	1	2.0	2.0	1	2.0	2.0	0.84	1.7	12.7	11.33	0.89	89
PO2	2.1	1	2.1	2.5	0.92	2.3	2.2	1	2.2	2.0	1	2.0	2.0	1	2.0	2.0	0.84	1.7	12	10.70	0.89	89
PO3	2.3	1	2.3	2.5	0.92	2.3	2.4	1	2.4	2.2	1	2.2	2.2	1	2.2	2.3	0.84	1.9	14.1	12.50	0.89	89
PO4	2.3	1	2.3	2.3	0.92	2.1	2.5	1	2.5	2.3	1	2.3	2.3	1	2.3	2.5	0.84	2.1	13.8	12.12	0.88	88
PO5	2.5	1	2.5	2.0	0.92	1.8	2.2	1	2.2	1.3	1	1.3	1.5	1	1.5	1.3	0.84	1.1	11.2	10.14	0.91	91
PO6	2.3	1	2.3	1.6	0.92	1.5	2.5	1	2.5	2.2	1	2.2	2.2	1	2.2	2.2	0.84	1.8	12.4	10.97	0.88	88
POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum Weighted Average																						

SEMESTER - IV

HSc-401: Family Nutrition (FN)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	2	1	0	1
CO2	2	1	3	2	1	2
CO3	2	2	3	3	1	2
CO4	2	1	2	3	1	3
CO5	1	2	3	2	3	2
CO6	2	3	3	3	2	3
Average	2.0	1.8	2.7	2.3	1.3	2.2

HSc-402: Fabric Construction (FC)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	2	1	0	1
CO2	2	1	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	1	2	3	2	3
CO5	1	3	2	2	3	2
CO6	2	2	3	3	2	3
Average	2.0	1.8	2.7	2.3	1.3	2.2

HSc-403: Interior Decoration (ID)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	2
CO2	2	1	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	1	2	3	2	3
CO5	1	3	2	2	3	2
CO6	2	2	3	3	2	3
Average	2.0	1.8	2.2	2.3	1.5	2.3

Cos attainment Targets at Course level:

Course Evaluation	Levels of Assessment	Target Fixed	Attainment Level
CIA(25 Marks)	MSA 15 Marks(Mid)	≥ 7.5 Marks	1 otherwise zero
	CCAA 10 Marks(Assignment and Seminars)	≥ 7.5 Marks	1 otherwise zero
SEE(75 Marks)	FA	≥ 26 Marks	1 otherwise zero

Attainment level of each course in Sem IV:

Courses	No of students attended	No of students attained			CO_MSA	CO_CCAA	CO_FA
		MSA	CCAA	FA			
		FN	18	18			
FC	18	18	18	17	1	1	0.94
ID	18	18	18	18	1	1	1

MSA Attainment Sem IV

POs	FN	POA	WP	FC	POA	WP	ID	POA	WP	SW	WS	WA	% of attainment
PO1	1.8	1	1.8	2.0	1	2.0	2.0	1	2.0	5.8	5.8	1	100
PO2	2.7	1	2.7	1.8	1	1.8	1.8	1	1.8	6.3	6.3	1	100
PO3	2.3	1	2.3	2.7	1	2.7	2.2	1	2.2	7.2	7.2	1	100
PO4	1.3	1	1.3	2.3	1	2.3	2.3	1	2.3	5.9	5.9	1	100
PO5	2.2	1	2.2	1.3	1	1.3	1.5	1	1.5	5	5	1	100
PO6	2.0	1	2.0	2.2	1	2.2	2.3	1	2.3	6.5	6.5	1	100

POA:PO Attainment Sum WP: Weighted Product SW: Sum of weights WS: Weighted Average

CCAA Attainment Sem IV													
POs	FN	POA	WP	FC	POA	WP	ID	POA	WP	SW	WS	WA	% of attainment
PO1	1.8	0.83	1.5	2.0	1	2.0	2.0	1	2.0	5.8	5.5	0.95	95
PO2	2.7	0.83	2.2	1.8	1	1.8	1.8	1	1.8	6.3	5.8	0.92	92
PO3	2.3	0.83	1.9	2.7	1	2.7	2.2	1	2.2	7.2	6.8	0.94	94
PO4	1.3	0.83	1.1	2.3	1	2.3	2.3	1	2.3	5.9	5.7	0.97	97
PO5	2.2	0.83	1.8	1.3	1	1.3	1.5	1	1.5	5	4.6	0.92	92
PO6	2.0	0.83	1.7	2.2	1	2.2	2.3	1	2.3	6.5	6.2	0.95	95
POA:PO Attainment Sum WP: Weighted Product Sum SW: Sum of weights WS: Weighted Sum WA: Weighted Average													

Final Assessment Attainment Sem IV													
POs	FN	POA	WP	FC	POA	WP	ID	POA	WP	SW	WS	WA	% of attainment
PO1	1.8	0.88	1.6	2.0	0.94	1.9	2.0	1	2.0	5.8	5.5	0.95	95
PO2	2.7	0.88	2.4	1.8	0.94	1.7	1.8	1	1.8	6.3	5.9	0.94	94
PO3	2.3	0.88	2.0	2.7	0.94	2.5	2.2	1	2.2	7.2	6.7	0.93	93
PO4	1.3	0.88	1.1	2.3	0.94	2.2	2.3	1	2.3	5.9	5.6	0.95	95
PO5	2.2	0.88	1.9	1.3	0.94	1.2	1.5	1	1.5	5	4.6	0.92	92
PO6	2.0	0.88	1.8	2.2	0.94	2.1	2.3	1	2.3	6.5	6.2	0.95	95
POA:PO Attainment Sum WP: Weighted Product Sum SW: Sum of weights WS: Weighted Sum WA: Weighted Average													

SEMESTER - V

HSc-501: Human Development (HD)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	2
CO2	2	2	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	1	2	3	2	3
CO5	1	3	3	2	3	2
CO6	2	2	3	3	2	3
Average	2.0	2.0	2.3	2.3	1.5	2.3

HSc-502: Management of Family Resources (MFR)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	2
CO2	2	2	3	2	1	2
CO3	2	1	3	3	1	2
CO4	2	1	2	3	2	3
CO5	1	3	3	2	3	2
CO6	2	2	3	3	1	3
Average	2.0	1.8	2.5	2.3	1.3	2.3

HSc-503: Home Science Extension (HSE)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	2
CO2	2	1	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	1	2	3	2	2
CO5	1	3	3	2	3	2
CO6	2	3	3	2	2	3
Average	2.0	2.0	2.3	2.2	1.5	2.2

HSc-504(a): Sociology (Soc)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	2
CO2	2	2	3	2	1	2
CO3	2	2	2	3	1	3
CO4	2	1	2	3	2	3
CO5	1	3	3	2	3	2
CO6	2	3	3	2	2	3
Average	2.0	2.2	2.3	2.2	1.5	2.5

HSc-505(a): Fabric Embellishment (FE)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	2
CO2	2	1	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	1	2	3	2	3
CO5	1	3	3	2	3	2
CO6	2	3	3	2	2	3
Average	2.0	2.0	2.3	2.2	1.5	2.3

HSc-506(a): Community Nutrition (CN)

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	3	2	1	2
CO2	2	2	3	1	1	2
CO3	2	2	2	3	1	3
CO4	2	1	2	3	2	3
CO5	1	3	3	2	3	3
CO6	2	3	3	2	2	3
Average	2.0	2.2	2.7	2.2	1.7	2.7

Cos attainment Targets at Course level:

Course Evaluation	Levels of Assessment	Target Fixed	Attainment Level
CIA(25 Marks)	MSA 15 Marks(Mid)	≥ 7.5 Marks	1 otherwise zero
	CCAA 10 Marks(Assignment and Seminars)	≥ 7.5 Marks	1 otherwise zero
SEE(75 Marks)	FA	≥ 26 Marks	1 otherwise zero

Attainment level of each course in Sem V:

Courses	No of students attended	No of students attained			CO_MSA	CO_CCAA	CO_FA
		MSA	CCAA	FA			
		HD	17	16			
MFR	17	16	17	17	0.94	1	1
HSE	17	17	15	17	1	0.88	1
SOC	17	17	17	17	1	1	1
FE	17	17	17	17	1	1	1
CN	17	17	11	17	1	0.64	1

MSA Attainment Sem V

POs	HD	POA	WP	MFR	POA	WP	HEXT	POA	WP	SOC	POA	WP	FE	POA	WP	CN	POA	WP	SW	WS	WA	% of attainment
PO1	2.0	0.94	1.9	2.0	0.94	1.9	2.0	1	2.0	2.0	1	2.0	2.0	1	2.0	2.0	1	2.0	12	11.80	0.98	98
PO2	2.0	0.94	1.9	1.8	0.94	1.7	2.0	1	2.0	2.2	1	2.2	2.0	1	2.0	2.2	1	2.2	12.2	12.00	0.98	98
PO3	2.3	0.94	2.2	2.5	0.94	2.4	2.3	1	2.3	2.3	1	2.3	2.3	1	2.3	2.7	1	2.7	14.4	14.20	0.99	99
PO4	2.3	0.94	2.2	2.3	0.94	2.2	2.2	1	2.2	2.2	1	2.2	2.2	1	2.2	2.2	1	2.2	13.4	13.20	0.99	99
PO5	1.5	0.94	1.4	1.3	0.94	1.2	1.5	1	1.5	1.5	1	1.5	1.5	1	1.5	1.7	1	1.7	9	8.80	0.98	98
PO6	2.3	0.94	2.2	2.3	0.94	2.2	2.2	1	2.2	2.5	1	2.5	2.3	1	2.3	2.7	1	2.7	14.3	14.10	0.99	99

POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum Weighted Average

CCAA Attainment Sem V

POs	HD	POA	WP	MFR	POA	WP	HEXT	POA	WP	SOC	POA	WP	FE	POA	WP	CN	POA	WP	SW	WS	WA	% of attainment
PO1	2.0	1	2.0	2.0	1	2.0	2.0	0.88	1.8	2.0	1	2.0	2.0	1	2.0	2.0	0.64	1.3	12	11.10	0.93	93
PO2	2.0	1	2.0	1.8	1	1.8	2.0	0.88	1.8	2.2	1	2.2	2.0	1	2.0	2.2	0.64	1.4	12.2	11.20	0.92	92
PO3	2.3	1	2.3	2.5	1	2.5	2.3	0.88	2.0	2.3	1	2.3	2.3	1	2.3	2.7	0.64	1.7	14.4	13.10	0.91	91
PO4	2.3	1	2.3	2.3	1	2.3	2.2	0.88	1.9	2.2	1	2.2	2.2	1	2.2	2.2	0.64	1.4	13.4	12.30	0.92	92
PO5	1.5	1	1.5	1.3	1	1.3	1.5	0.88	1.3	1.5	1	1.5	1.5	1	1.5	1.7	0.64	1.1	9	8.20	0.91	91
PO6	2.3	1	2.3	2.3	1	2.3	2.2	0.88	1.9	2.5	1	2.5	2.3	1	2.3	2.7	0.64	1.7	14.3	13.00	0.91	91

POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum Weighted Average

Final Assessment Attainment Sem V

POs	HD	POA	WP	MFR	POA	WP	HEXT	POA	WP	SOC	POA	WP	FE	POA	WP	CN	POA	WP	SW	WS	WA	% of attainment
PO1	2.0	1	2.0	2.0	1	2.0	2.0	1	2.0	2.0	1	2.0	2.0	1	2.0	2.0	1	2.0	12	12.00	1.00	100
PO2	2.0	1	2.0	1.8	1	1.8	2.0	1	2.0	2.2	1	2.2	2.0	1	2.0	2.2	1	2.2	12.2	12.20	1.00	100
PO3	2.3	1	2.3	2.5	1	2.5	2.3	1	2.3	2.3	1	2.3	2.3	1	2.3	2.7	1	2.7	14.4	14.40	1.00	100
PO4	2.3	1	2.3	2.3	1	2.3	2.2	1	2.2	2.2	1	2.2	2.2	1	2.2	2.2	1	2.2	13.4	13.40	1.00	100
PO5	1.5	1	1.5	1.3	1	1.3	1.5	1	1.5	1.5	1	1.5	1.5	1	1.5	1.7	1	1.7	9	9.00	1.00	100
PO6	2.3	1	2.3	2.3	1	2.3	2.2	1	2.2	2.5	1	2.5	2.3	1	2.3	2.7	1	2.7	14.3	14.30	1.00	100
POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum Weighted Average																						

SEMESTER - VI

HSc-601: Early Childhood Care and Education

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	2
CO2	2	2	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	1	2	3	2	3
CO5	1	3	3	2	3	2
CO6	2	3	3	2	2	3
Average	2.0	2.2	2.3	2.2	1.5	2.3

HSc-602: Therapeutic Nutrition

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	2
CO2	2	2	3	2	1	2
CO3	2	2	3	3	1	2
CO4	2	2	3	3	2	3
CO5	2	3	3	2	2	3
CO6	2	2	3	3	2	3
Average	2.2	2.2	2.7	2.3	1.3	2.5

HSc-603: Home Science Extension & Community Development

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	2	1	0	2
CO2	2	2	3	2	1	2
CO3	2	2	3	3	1	2
CO4	2	2	2	3	1	3
CO5	1	3	3	2	3	2
CO6	2	2	3	2	2	3
Average	2.0	2.2	2.7	2.2	1.3	2.3

HSc-604(a): Family dynamics

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	2	0	2
CO2	2	2	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	1	2	3	2	3
CO5	1	3	3	2	3	2
CO6	2	3	3	2	2	3
Average	2.0	2.2	2.3	2.3	1.5	2.3

HSc-605(a): Family Attire and Consumer Education

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	1	2	2	0	1
CO2	2	2	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	1	2	3	2	3
CO5	1	3	3	2	3	2
CO6	2	2	3	2	2	3
Average	2.0	1.8	2.5	2.3	1.5	2.2

HSc-606(a): Household Economics

COs	PO1	PO2	PO3	PO4	PO5	PO6
CO1	3	2	1	1	0	2
CO2	2	2	3	2	1	2
CO3	2	2	2	3	1	2
CO4	2	1	2	3	2	3
CO5	1	3	3	2	3	2
CO6	2	2	3	2	2	3
Average	2.0	2.0	2.3	2.2	1.5	2.3

Cos attainment Targets at Course level:

Course Evaluation	Levels of Assessment	Target Fixed	Attainment Level
CIA(25 Marks)	MSA 15 Marks(Mid)	≥ 7.5 Marks	1 otherwise zero
	CCAA 10 Marks(Assignment and Seminars)	≥ 7.5 Marks	1 otherwise zero
SEE(75 Marks)	FA	≥ 26 Marks	1 otherwise zero

Attainment level of each course in Sem VI:

Courses	No of students attended	No of students attained			CO_MSA	CO_CCAA	CO_FA
		MSA	CCAA	FA			
ECCE	16	16	16	15	1	1	0.93
TN	16	14	16	16	0.87	1	1
HECD	16	14	15	16	0.87	0.93	1
FD	16	14	16	16	0.87	1	1
FACE	16	14	15	15	0.87	0.93	0.93
HHE	16	14	16	16	0.87	1	1

MSA Attainment Sem VI																						
POs	ECCE	POA	WP	TN	POA	WP	HSCD	POA	WP	FD	POA	WP	FACE	POA	WP	HHE	POA	WP	SW	WS	WA	% of attainment
PO1	2.0	1	2.0	2.2	1	2.2	2.0	0.93	1.9	2.0	1	2.0	2.0	0.93	1.9	2.0	1	2.0	12.2	12.00	0.98	98
PO2	2.2	1	2.2	2.2	1	2.2	2.2	0.93	2.0	2.2	1	2.2	1.8	0.93	1.7	2.0	1	2.0	12.6	12.30	0.98	98
PO3	2.3	1	2.3	2.7	1	2.7	2.7	0.93	2.5	2.3	1	2.3	2.5	0.93	2.3	2.3	1	2.3	14.8	14.40	0.97	97
PO4	2.2	1	2.2	2.3	1	2.3	2.2	0.93	2.0	2.3	1	2.3	2.3	0.93	2.1	2.2	1	2.2	13.5	13.10	0.97	97
PO5	1.5	1	1.5	1.3	1	1.3	1.3	0.93	1.2	1.5	1	1.5	1.5	0.93	1.4	1.5	1	1.5	8.6	8.40	0.98	98
PO6	2.3	1	2.3	2.5	1	2.5	2.3	0.93	2.1	2.3	1	2.3	2.2	0.93	2.0	2.3	1	2.3	13.9	13.50	0.97	97
POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum Weighted Average																						

CCAA Attainment Sem VI																						
POs	ECCE	POA	WP	TN	POA	WP	HSCD	POA	WP	FD	POA	WP	FACE	POA	WP	HHE	POA	WP	SW	WS	WA	% of attainment
PO1	2.0	1	2.0	2.2	1	2.2	2.0	1	2.0	2.0	1	2.0	2.0	1	2.0	2.0	1	2.0	12.2	12.20	1.00	100
PO2	2.2	1	2.2	2.2	1	2.2	2.2	1	2.2	2.2	1	2.2	1.8	1	1.8	2.0	1	2.0	12.6	12.60	1.00	100
PO3	2.3	1	2.3	2.7	1	2.7	2.7	1	2.7	2.3	1	2.3	2.5	1	2.5	2.3	1	2.3	14.8	14.80	1.00	100
PO4	2.2	1	2.2	2.3	1	2.3	2.2	1	2.2	2.3	1	2.3	2.3	1	2.3	2.2	1	2.2	13.5	13.50	1.00	100
PO5	1.5	1	1.5	1.3	1	1.3	1.3	1	1.3	1.5	1	1.5	1.5	1	1.5	1.5	1	1.5	8.6	8.60	1.00	100
PO6	2.3	1	2.3	2.5	1	2.5	2.3	1	2.3	2.3	1	2.3	2.2	1	2.2	2.3	1	2.3	13.9	13.90	1.00	100
POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum Weighted Average																						

Final Assessment Attainment Sem VI

POs	ECCE	POA	WP	TN	POA	WP	HSCD	POA	WP	FD	POA	WP	FACE	POA	WP	HHE	POA	WP	SW	WS	WA	% of attainment
PO1	2.0	0.93	1.9	2.2	1	2.2	2.0	1	2.0	2.0	1	2.0	2.0	0.93	1.9	2.0	1	2.0	12.2	12.00	0.98	98
PO2	2.2	0.93	2.0	2.2	1	2.2	2.2	1	2.2	2.2	1	2.2	1.8	0.93	1.7	2.0	1	2.0	12.6	12.30	0.98	98
PO3	2.3	0.93	2.1	2.7	1	2.7	2.7	1	2.7	2.3	1	2.3	2.5	0.93	2.3	2.3	1	2.3	14.8	14.40	0.97	97
PO4	2.2	0.93	2.0	2.3	1	2.3	2.2	1	2.2	2.3	1	2.3	2.3	0.93	2.1	2.2	1	2.2	13.5	13.10	0.97	97
PO5	1.5	0.93	1.4	1.3	1	1.3	1.3	1	1.3	1.5	1	1.5	1.5	0.93	1.4	1.5	1	1.5	8.6	8.40	0.98	98
PO6	2.3	0.93	2.1	2.5	1	2.5	2.3	1	2.3	2.3	1	2.3	2.2	0.93	2.0	2.3	1	2.3	13.9	13.50	0.97	97
POA:PO Attainment WP: Weighted Product SW: Sum of weights WS: Weighted Sum Weighted Average																						

MSA Attainment for B.Sc Home Science 2019-20 admitted batch

Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Total Attainment
90	90	89	95	98	98	93.2
89	91	89	94	98	98	92.7
88	90	89	93	99	97	92.7
88	89	88	95	99	97	93.5
90	92	91	92	98	98	92.8
88	90	88	95	99	97	93.2

CCAA Attainment for B.Sc Home Science 2019-20 admitted batch

Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Total Attainment
91	90	91	95	93	100	93.3
90	91	91	92	92	100	92.7
90	90	90	94	91	100	92.5
89	89	89	97	92	100	92.7
92	90	92	92	91	100	92.8
89	90	90	95	91	100	92.5

FA Attainment for B.Sc Home Science 2019-20 admitted batch

Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Total Attainment
90	90	89	95	100	98	93.7
89	91	89	94	100	98	93.5
88	90	89	93	100	97	92.8
88	89	88	95	100	97	92.8
90	92	91	92	100	98	93.8
88	90	88	95	100	97	93.0

V. Ananta Lakshmi

BA (HEP) 2019-2020 AB ATTAINMENTS

2019 -2020

Programme Outcomes

PO1: Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives

PO2: Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.

PO3: Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.

PO4: Effective Citizenship: Demonstrate empathetic social concern and equity centered national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

PO5: Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

PO6: Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

PO7: Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes

Paper-I: SEM- I Micro Economics-I Consumer Behaviour :

Course Outcomes:

After successful completion of the course the student will be able to:

CO 1- Understand the subject matter of economics

CO 2- Differentiate various methods to study economics

CO 3- Analyse the Utility and Demand Analysis

CO 4- Apply Indifference curve to get demand Curve

Paper-I: SEM- I Micro Economics-I Consumer Behaviour

CO-PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	2	3	2	1	1	3	3
CO2	3	2	1	2	2	3	3
CO3	3	2	3	2	2	2	3
CO4	3	2	3	3	2	2	3
Weighted Avg.	2.75	2.25	2.25	2	1.75	2.5	3

Courses	No. of students attended	No. of students attained			CO_MSA	CO_CCAA	CO_FA
		MSA	CCAA	FA			
Micro Economics-1	51	48	51	49	0.94	1.00	0.96

BA (HEP) SEM I PO CO 2019-2020 AB MID SEMESTER ASSESMENT

His			POL			ECO			ENG			Hindi			Sankrit			Telugu			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.2	1	2.2	2.2	1	2.2	2.75	0.9411765	2.588235	2.3	0.96	2.208	2.5	1	2.5	2.5	0.88	2.2	2	1	2	16.45	15.8962	0.966336
2.2	1	2.2	2.2	1	2.2	2.25	0.9411765	2.117647	2.6	0.96	2.496	2.6	1	2.6	2.6	0.88	2.288	1.8	1	1.8	16.25	15.7016	0.966255
2.6	1	2.6	2.6	1	2.6	2.25	0.9411765	2.117647	2.5	0.96	2.4	2.5	1	2.5	1.6	0.88	1.408	2	1	2	16.05	15.6256	0.973561
2.2	1	2.2	2.2	1	2.2	2	0.9411765	1.882353	2.6	0.96	2.496	2.6	1	2.6	2	0.88	1.76	2.4	1	2.4	16	15.5384	0.971147
2.4	1	2.4	2.4	1	2.4	1.75	0.9411765	1.647059	2.3	0.96	2.208	2.5	1	2.5	2.4	0.88	2.112	2	1	2	15.75	15.2671	0.969337
2	1	2	2	1	2	2.5	0.9411765	2.352941	2	0.96	1.92	2.3	1	2.3	2.5	0.88	2.2	2.2	1	2.2	15.5	14.9729	0.965996
1.6	1	1.6	1.6	1	1.6	3	0.9411765	2.823529	2.5	0.96	2.4	2.6	1	2.6	2.6	0.88	2.288	1.6	1	1.6	15.5	14.9115	0.962034

BA (HEP) SEM I PO CO 2019-2020 AB CO-CURRICULAR ASSESMENT ATTAINMENTS

His			POL			ECO			ENG			Hindi			Sankrit			Telugu			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.2	1	2.2	2.2	1	2.2	2.75	1.00	2.75	2.3	1	2.3	2.5	1	2.5	2.5	1	2.5	2	1	2	14.45	14.45	1
2.2	1	2.2	2.2	1	2.2	2.25	1.00	2.25	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	1.8	1	1.8	14.45	14.45	1
2.6	1	2.6	2.6	1	2.6	2.25	1.00	2.25	2.5	1	2.5	2.5	1	2.5	1.6	1	1.6	2	1	2	14.05	14.05	1
2.2	1	2.2	2.2	1	2.2	2	1.00	2	2.6	1	2.6	2.6	1	2.6	2	1	2	2.4	1	2.4	13.6	13.6	1
2.4	1	2.4	2.4	1	2.4	1.75	1.00	1.75	2.3	1	2.3	2.5	1	2.5	2.4	1	2.4	2	1	2	13.75	13.75	1
2	1	2	2	1	2	2.5	1.00	2.5	2	1	2	2.3	1	2.3	2.5	1	2.5	2.2	1	2.2	13.3	13.3	1
1.6	1	1.6	1.6	1	1.6	3	1.00	3	2.5	1	2.5	2.6	1	2.6	2.6	1	2.6	1.6	1	1.6	13.9	13.9	1

BA (HEP) SEM I PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS

His			POL			ECO			ENG			Hindi			Sankrit			Telugu			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.2	1	2.2	2.2	1	2.2	2.75	0.96	2.642157	2.3	0.88	2.024	2.5	1	2.5	2.5	0.88	2.2	2	1	2	16.45	13.7662	0.836848
2.2	1	2.2	2.2	1	2.2	2.25	0.96	2.161765	2.6	0.88	2.288	2.6	1	2.6	2.6	0.88	2.288	1.8	1	1.8	14.45	13.7378	0.95071
2.6	1	2.6	2.6	1	2.6	2.25	0.96	2.161765	2.5	0.88	2.2	2.5	1	2.5	1.6	0.88	1.408	2	1	2	14.05	13.4698	0.958702
2.2	1	2.2	2.2	1	2.2	2	0.96	1.921569	2.6	0.88	2.288	2.6	1	2.6	2	0.88	1.76	2.4	1	2.4	13.6	12.9696	0.953645
2.4	1	2.4	2.4	1	2.4	1.75	0.96	1.681373	2.3	0.88	2.024	2.5	1	2.5	2.4	0.88	2.112	2	1	2	13.75	13.1174	0.953991
2	1	2	2	1	2	2.5	0.96	2.401961	2	0.88	1.76	2.3	1	2.3	2.5	0.88	2.2	2.2	1	2.2	13.3	12.662	0.952027
1.6	1	1.6	1.6	1	1.6	3	0.96	2.882353	2.5	0.88	2.2	2.6	1	2.6	2.6	0.88	2.288	1.6	1	1.6	13.9	13.1704	0.947507

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BA (HEP) SEM II 2019-2020 AB MID SEMESTER ASSESMENT

His			POL			ECO			ENG			Hindi			Sankrit			Telugu			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.6	1	2.6	2.8	1	2.8	3	0.95	2.85	2.6	0.92	2.392	2.6	1	2.6	2.5	0.88	2.2	2.6	0.98	2.548	18.7	17.99	0.962032
2.8	1	2.8	2.6	1	2.6	2.5	0.95	2.375	2.3	0.92	2.116	2.6	1	2.6	2.6	0.88	2.288	2.6	0.98	2.548	18	17.327	0.962611
2.4	1	2.4	2.4	1	2.4	2.5	0.95	2.375	2.1	0.92	1.932	2.5	1	2.5	1.6	0.88	1.408	2	0.98	1.96	15.5	14.975	0.966129
1.4	1	1.4	1.4	1	1.4	2.25	0.95	2.1375	2.5	0.92	2.3	2.3	1	2.3	2	0.88	1.76	2.6	0.98	2.548	14.45	13.8455	0.958166
1.6	1	1.6	1.4	1	1.4	2.25	0.95	2.1375	2.3	0.92	2.116	2.8	1	2.8	2.4	0.88	2.112	2.6	0.98	2.548	15.35	14.7135	0.958534
2	1	2	2	1	2	2.5	0.95	2.375	2.5	0.92	2.3	2.6	1	2.6	2.5	0.88	2.2	2.4	0.98	2.352	16.5	15.827	0.959212
1.6	1	1.6	1.4	1	1.4	3	0.95	2.85	2.6	0.92	2.392	2.6	1	2.6	2.6	0.88	2.288	1.8	0.98	1.764	15.6	14.894	0.954744

BA (HEP) SEM II PO CO 2019-2020 AB CO-CURRICULAR ASSESMENT ATTAINMENTS

His			POL			ECO			ENG			Hindi			Sankrit			Telugu			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.6	1	2.6	2.8	1	2.8	3	1.00	3	2.6	1	2.6	2.6	1	2.6	2.5	1	2.5	2.6	1	2.6	18.7	18.7	1
2.8	1	2.8	2.6	1	2.6	2.5	1.00	2.5	2.3	1	2.3	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	18	18	1
2.4	1	2.4	2.4	1	2.4	2.5	1.00	2.5	2.1	1	2.1	2.5	1	2.5	1.6	1	1.6	2	1	2	15.5	15.5	1
1.4	1	1.4	1.4	1	1.4	2.25	1.00	2.25	2.5	1	2.5	2.3	1	2.3	2	1	2	2.6	1	2.6	14.45	14.45	1
1.6	1	1.6	1.4	1	1.4	2.25	1.00	2.25	2.3	1	2.3	2.8	1	2.8	2.4	1	2.4	2.6	1	2.6	15.35	15.35	1
2	1	2	2	1	2	2.5	1.00	2.5	2.5	1	2.5	2.6	1	2.6	2.5	1	2.5	2.4	1	2.4	16.5	16.5	1
1.6	1	1.6	1.4	1	1.4	3	1.00	3	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	1.8	1	1.8	15.6	15.6	1

BA (HEP) SEM II PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS

His			POL			ECO			ENG			Hindi			Sankrit			Telugu			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.6	1	2.6	2.8	1	2.8	3	0.94	2.808511	2.6	0.86	2.236	2.6	1	2.6	2.5	0.9	2.25	2.6	0.93	2.418	18.7	17.7125	0.947193
2.8	1	2.8	2.6	1	2.6	2.5	0.94	2.340426	2.3	0.86	1.978	2.6	1	2.6	2.6	0.9	2.34	2.6	0.93	2.418	18	17.0764	0.94869
2.4	1	2.4	2.4	1	2.4	2.5	0.94	2.340426	2.1	0.86	1.806	2.5	1	2.5	1.6	0.9	1.44	2	0.93	1.86	15.5	14.7464	0.951382
1.4	1	1.4	1.4	1	1.4	2.25	0.94	2.106383	2.5	0.86	2.15	2.3	1	2.3	2	0.9	1.8	2.6	0.93	2.418	14.45	13.5744	0.939404
1.6	1	1.6	1.4	1	1.4	2.25	0.94	2.106383	2.3	0.86	1.978	2.8	1	2.8	2.4	0.9	2.16	2.6	0.93	2.418	15.35	14.4624	0.942175
2	1	2	2	1	2	2.5	0.94	2.340426	2.5	0.86	2.15	2.6	1	2.6	2.5	0.9	2.25	2.4	0.93	2.232	16.5	15.5724	0.943783
1.6	1	1.6	1.4	1	1.4	3	0.94	2.808511	2.6	0.86	2.236	2.6	1	2.6	2.6	0.9	2.34	1.8	0.93	1.674	15.6	14.6585	0.939648

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BA (HEP) SEM III 2019-2020 AB MID SEMESTER ASSESMENT

His			POL			ECO			ENG			Hindi			Sanskrit			Telugu			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2	1	2	2.2	1	2.2	3	0.98	2.93617	2.3	0.95	2.185	2.8	1	2.8	2.5	0.7	1.75	2.6	0.93	2.418	17.4	16.2892	0.936159
1.6	1	1.6	1.4	1	1.4	2.5	0.98	2.446809	2.1	0.95	1.995	2.5	1	2.5	2.6	0.7	1.82	2.6	0.93	2.418	15.3	14.1798	0.926785
1.6	1	1.6	1.6	1	1.6	2.5	0.98	2.446809	1.8	0.95	1.71	2.5	1	2.5	1.6	0.7	1.12	2.4	0.93	2.232	14	13.2088	0.943486
1.8	1	1.8	1.6	1	1.6	2.5	0.98	2.446809	2.1	0.95	1.995	2.5	1	2.5	2	0.7	1.4	2.6	0.93	2.418	15.1	14.1598	0.937736
1.4	1	1.4	1.4	1	1.4	2	0.98	1.957447	2.1	0.95	1.995	2.6	1	2.6	2.4	0.7	1.68	2	0.93	1.86	13.9	12.8924	0.927514
2	1	2	2	1	2	2.75	0.98	2.691489	2.5	0.95	2.375	2.6	1	2.6	2.5	0.7	1.75	2.6	0.93	2.418	16.95	15.8345	0.934188
1.8	1	1.8	1.8	1	1.8	3	0.98	2.93617	2.5	0.95	2.375	2.8	1	2.8	2.6	0.7	1.82	1.8	0.93	1.674	16.3	15.2052	0.932833

BA (HEP) SEM III 2019-2020 AB CO-CURRICULAR ASSESMENT ATTAINMENTS

His			POL			ECO			ENG			Hindi			Sanskrit			Telugu			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2	1	2	2.2	1	2.2	3	1.00	3	2.3	1	2.3	2.8	1	2.8	2.5	1	2.5	2.6	1	2.6	17.4	17.4	1
1.6	1	1.6	1.4	1	1.4	2.5	1.00	2.5	2.1	1	2.1	2.5	1	2.5	2.6	1	2.6	2.6	1	2.6	15.3	15.3	1
1.6	1	1.6	1.6	1	1.6	2.5	1.00	2.5	1.8	1	1.8	2.5	1	2.5	1.6	1	1.6	2.4	1	2.4	14	14	1
1.8	1	1.8	1.6	1	1.6	2.5	1.00	2.5	2.1	1	2.1	2.5	1	2.5	2	1	2	2.6	1	2.6	15.1	15.1	1
1.4	1	1.4	1.4	1	1.4	2	1.00	2	2.1	1	2.1	2.6	1	2.6	2.4	1	2.4	2	1	2	13.9	13.9	1
2	1	2	2	1	2	2.75	1.00	2.75	2.5	1	2.5	2.6	1	2.6	2.5	1	2.5	2.6	1	2.6	16.95	16.95	1
1.8	1	1.8	1.8	1	1.8	3	1.00	3	2.5	1	2.5	2.8	1	2.8	2.6	1	2.6	1.8	1	1.8	16.3	16.3	1

BA (HEP) SEM III PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS

His			POL			ECO			ENG			Hindi			Sankrit			Telugu			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2	1	2	2.2	1	2.2	3	0.89	2.67	2.3	0.82	2.3	2.8	1	2.8	2.5	1	2.5	2.6	1	2.6	17.4	17.07	0.981034
1.6	1	1.6	1.4	1	1.4	2.5	0.89	2.225	2.1	0.82	2.1	2.5	1	2.5	2.6	1	2.6	2.6	1	2.6	15.3	15.025	0.982026
1.6	1	1.6	1.6	1	1.6	2.5	0.89	2.225	1.8	0.82	1.8	2.5	1	2.5	1.6	1	1.6	2.6	1	2.6	14.2	13.925	0.980634
1.8	1	1.8	1.6	1	1.6	2.5	0.89	2.225	2.1	0.82	2.1	2.5	1	2.5	2	1	2	2.6	1	2.6	15.1	14.825	0.981788
1.4	1	1.4	1.4	1	1.4	2	0.89	1.78	2.1	0.82	2.1	2.6	1	2.6	2.4	1	2.4	2.6	1	2.6	14.5	14.28	0.984828
2	1	2	2	1	2	2.75	0.89	2.4475	2.5	0.82	2.5	2.6	1	2.6	2.5	1	2.5	2.6	1	2.6	16.95	16.6475	0.982153
1.8	1	1.8	1.8	1	1.8	3	0.89	2.67	2.5	0.82	2.5	2.8	1	2.8	2.6	1	2.6	2.6	1	2.6	17.1	16.77	0.980702

BA (HEP) SEM IV PO CO 2019-2020 AB MID SEMESTER ASSESMENT

His			POL			ECO			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12
2.2	0.94	2.068	2.2	0.94	2.07	3	1.00	3	7.4	7.136	0.9643
1.8	0.94	1.692	1.4	0.94	1.32	1.75	1.00	1.75	4.95	4.758	0.9612
1.6	0.94	1.504	1.6	0.94	1.5	2.5	1.00	2.5	5.7	5.508	0.9663
1.8	0.94	1.692	1.6	0.94	1.5	2.5	1.00	2.5	5.9	5.696	0.9654
1.6	0.94	1.504	1.4	0.94	1.32	1.75	1.00	1.75	4.75	4.57	0.9621
2	0.94	1.88	2	0.94	1.88	1.75	1.00	1.75	5.75	5.51	0.9583
1.8	0.94	1.692	1.8	0.94	1.69	2.75	1.00	2.75	6.35	6.134	0.966

BA (HEP) SEM IV 2019-2020 AB CO-CURRICULAR ASSESMENT ATTAINMENTS

His			POL			ECO			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12
2.2	0.94	2.068	2.2	0.94	2.07	3	1.00	3	7.4	7.136	0.9643243
1.8	0.94	1.692	1.4	0.94	1.32	1.75	1.00	1.75	4.95	4.758	0.9612121
1.6	0.94	1.504	1.6	0.94	1.5	2.5	1.00	2.5	5.7	5.508	0.9663158
1.8	0.94	1.692	1.6	0.94	1.5	2.5	1.00	2.5	5.9	5.696	0.9654237
1.6	0.94	1.504	1.4	0.94	1.32	1.75	1.00	1.75	4.75	4.57	0.9621053
2	0.94	1.88	2	0.94	1.88	1.75	1.00	1.75	5.75	5.51	0.9582609
1.8	0.94	1.692	1.8	0.94	1.69	2.75	1.00	2.75	6.35	6.134	0.9659843

BA (HEP) SEM IV PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS

His			POL			ECO			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12
2.2	0.94	2.068	2.2	0.94	2.07	3	1.00	3	7.4	7.136	0.9643243
1.8	0.94	1.692	1.4	0.94	1.32	1.75	1.00	1.75	4.95	4.758	0.9612121
1.6	0.94	1.504	1.6	0.94	1.5	2.5	1.00	2.5	5.7	5.508	0.9663158
1.8	0.94	1.692	1.6	0.94	1.5	2.5	1.00	2.5	5.9	5.696	0.9654237
1.6	0.94	1.504	1.4	0.94	1.32	1.75	1.00	1.75	4.75	4.57	0.9621053
2	0.94	1.88	2	0.94	1.88	1.75	1.00	1.75	5.75	5.51	0.9582609
1.8	0.94	1.692	1.8	0.94	1.69	2.75	1.00	2.75	6.35	6.134	0.9659843

BA (HEP) SEM V PO CO 2019-2020 AB MID SEMESTER ASSESMENT

His P - V(A)			POL P-V(A)			ECO P-V (A)			His P-V(B)			POL P-V(B)			ECO P-V (B)			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1.6	1	1.6	1.4	1	1.4	2.25	1	2.25	1.4	1	1.4	1.4	1	1.4	2.5	0.98	2.443182	10.55	10.49318	0.994614
2	1	2	2	1	2	3	1	3	2	1	2	2	1	2	2.25	0.98	2.198864	13.25	13.19886	0.996141
2.6	1	2.6	2.6	1	2.6	2.5	1	2.5	2.6	1	2.6	2.6	1	2.6	2	0.98	1.954545	14.9	14.85455	0.996949
1.4	1	1.4	1.4	1	1.4	2.75	1	2.75	1.4	1	1.4	1.4	1	1.4	2.75	0.98	2.6875	11.1	11.0375	0.994369
2	1	2	2.2	1	2.2	2	1	2	2.2	1	2.2	2.2	1	2.2	2	0.98	1.954545	12.6	12.55455	0.996392
1.4	1	1.4	1.4	1	1.4	2	1	2	1.4	1	1.4	1.4	1	1.4	2	0.98	1.954545	9.6	9.554545	0.995265
1.6	1	1.6	1.6	1	1.6	1.75	1	1.75	1.6	1	1.6	1.6	1	1.6	2.25	0.98	2.198864	10.4	10.34886	0.995083

BA (HEP) SEM V PO CO 2019-2020 AB CO-CURRICULAR ASSESMENT ATTAINMENTS

His P-V (A)			POL P-V(A)			ECO P-V (A)			His P - V(B)			POL P-V(B)			ECO P-V (B)			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1.6	1	1.6	1.4	1	1.4	2.25	1.00	2.25	1.4	1	1.4	1.4	1	1.4	2.5	0.98	2.443182	10.55	10.49318	0.994614
2	1	2	2	1	2	3	1.00	3	2	1	2	2	1	2	2.25	0.98	2.198864	13.25	13.19886	0.996141
2.6	1	2.6	2.6	1	2.6	2.5	1.00	2.5	2.6	1	2.6	2.6	1	2.6	2	0.98	1.954545	14.9	14.85455	0.996949
1.4	1	1.4	1.4	1	1.4	2.75	1.00	2.75	1.4	1	1.4	1.4	1	1.4	2.75	0.98	2.6875	11.1	11.0375	0.994369
2	1	2	2.2	1	2.2	2	1.00	2	2.2	1	2.2	2.2	1	2.2	2	0.98	1.954545	12.6	12.55455	0.996392
1.4	1	1.4	1.4	1	1.4	2	1.00	2	1.4	1	1.4	1.4	1	1.4	2	0.98	1.954545	9.6	9.554545	0.995265
1.6		1.6	1.6	1	1.6	1.75	1.00	1.75	1.6	1	1.6	1.6	1	1.6	2.25	0.98	2.198864	10.4	10.34886	0.995083

BA (HEP) SEM V PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS

His P-V(A)			POL P- V(A)			ECO P-V (A)			His P - V(B)			POL P-V(B)			ECO P-V (B)			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1.6	1	1.6	1.4	1	1.4	2.25	0.72	1.622093	1.4	1	1.4	1.4	1	1.4	2.5	0.93	2.329545	10.55	9.751638	0.924326
2	1	2	2	1	2	3	0.72	2.162791	2	1	2	2	1	2	2.25	0.93	2.096591	13.25	12.25938	0.925236
2.6	1	2.6	2.6	1	2.6	2.5	0.72	1.802326	2.6	1	2.6	2.6	1	2.6	2	0.93	1.863636	14.9	14.06596	0.944024
1.4	1	1.4	1.4	1	1.4	2.75	0.72	1.982558	1.4	1	1.4	1.4	1	1.4	2.75	0.93	2.5625	11.1	10.14506	0.913969
2	1	2	2.2	1	2.2	2	0.72	1.44186	2.2	1	2.2	2.2	1	2.2	2	0.93	1.863636	12.6	11.9055	0.944881
1.4	1	1.4	1.4	1	1.4	2	0.72	1.44186	1.4	1	1.4	1.4	1	1.4	2	0.93	1.863636	9.6	8.905497	0.927656
1.6	1	1.6	1.6	1	1.6	1.75	0.72	1.261628	1.6	1	1.6	1.6	1	1.6	2.25	0.93	2.096591	10.4	9.758219	0.93829

BA (HEP) SEM VI PO CO 2019-2020 AB MID SEMESTER ASSESMENT

HIS-ELECTIVE			POL-ELECTIVE			ECO-ELECTIVE			POL-CLU-1			ECO-CLU-1			POL-CLU-2			ECO-CLU-2			POL-CLU-3			ECO-CLU-3			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2	1	2	2	1	2	2.500	1.000	2.500	1.2	1	1.2	2.000	1.000	2.000	1.2	1.00	1.2	2.000	1.000	2.000	1.2	1	1.2	2.000	1.000	2.000	16.1	16.1	1
1.8	1	1.8	1.6	1	1.6	2.250	1.000	2.250	1.4	1	1.4	3.000	1.000	3.000	1.4	1.00	1.4	3.000	1.000	3.000	1.4	1	1.4	3.000	1.000	3.000	18.9	18.9	1
1.6	1	1.6	1.6	1	1.6	2.000	1.000	2.000	1.6	1	1.6	2.000	1.000	2.000	1.6	1.00	1.6	2.000	1.000	2.000	1.6	1	1.6	2.000	1.000	2.000	16.0	16.0	1
1.6	1	1.6	1.4	1	1.4	2.750	1.000	2.750	1.4	1	1.4	2.000	1.000	2.000	1.6	1.00	1.6	2.000	1.000	2.000	1.6	1	1.6	2.000	1.000	2.000	16.4	16.4	1
2.4	1	2.4	2.4	1	2.4	2.000	1.000	2.000	1.6	1	1.6	3.000	1.000	3.000	1.2	1.00	1.2	3.000	1.000	3.000	1.2	1	1.2	3.000	1.000	3.000	19.8	19.8	1
2	1	2	2.2	1	2.2	3.000	1.000	3.000	1.4	1	1.4	2.500	1.000	2.500	1.4	1.00	1.4	2.500	1.000	2.500	1.4	1	1.4	2.500	1.000	2.500	18.9	18.9	1
1.8	1	1.8	1.8	1	1.8	2.000	1.000	2.000	1.6	1	1.6	2.250	1.000	2.250	1.4	1.00	1.4	2.250	1.000	2.250	1.4	1	1.4	2.250	1.000	2.250	16.8	16.8	1

BA (HEP) SEM VI PO CO 2019-2020 AB CO-CURRICULAR ASSESMENT ATTAINMENTS

HIS-ELECTIVE			POL-ELECTIVE			ECO-ELECTIVE			POL-CLU-1			ECO-CLU-1			POL-CLU-2			ECO-CLU-2			POL-CLU-3			ECO-CLU-3			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2	1	2	2	1	2	2.500	1.000	2.500	1.2	1	1.2	2.000	1.000	2.000	1.2	1.00	1.2	2.000	1.000	2.000	1.2	1	1.2	2.500	1.000	2.500	16.6	16.6	1
1.8	1	1.8	1.6	1	1.6	2.250	1.000	2.250	1.4	1	1.4	3.000	1.000	3.000	1.4	1.00	1.4	2.000	1.000	2.000	1.4	1	1.4	2.250	1.000	2.250	17.1	17.1	1
1.6	1	1.6	1.6	1	1.6	2.000	1.000	2.000	1.6	1	1.6	2.000	1.000	2.000	1.6	1.00	1.6	2.000	1.000	2.000	1.6	1	1.6	2.000	1.000	2.000	16.0	16.0	1
1.6	1	1.6	1.4	1	1.4	2.750	1.000	2.750	1.4	1	1.4	2.000	1.000	2.000	1.6	1.00	1.6	2.250	1.000	2.250	1.6	1	1.6	2.750	1.000	2.750	17.4	17.4	1
2.4	1	2.4	2.4	1	2.4	2.000	1.000	2.000	1.6	1	1.6	3.000	1.000	3.000	1.2	1.00	1.2	2.750	1.000	2.750	1.2	1	1.2	2.000	1.000	2.000	18.6	18.6	1
2	1	2	2.2	1	2.2	3.000	1.000	3.000	1.4	1	1.4	2.500	1.000	2.500	1.4	1.00	1.4	2.250	1.000	2.250	1.4	1	1.4	2.000	1.000	2.000	18.2	18.2	1
1.8	1	1.8	1.8	1	1.8	2.000	1.000	2.000	1.6	1	1.6	2.250	1.000	2.250	1.4	1.00	1.4	3.000	1.000	3.000	1.4	1	1.4	2.250	1.000	2.250	17.5	17.5	1

BA (HEP) SEM VI PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS

HIS-ELECTIVE			POL-ELECTIVE			ECO-ELECTIVE			POL-CLU-1			ECO-CLU-1			POL-CLU-2			ECO-CLU-2			POL-CLU-3			ECO-CLU-3			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2	1	2	2	1	2	2.500	1.000	2.500	1.2	1	1.2	2.000	1.000	2.000	1.2	1.00	1.2	2.000	1.000	2.000	1.2	1	1.2	2.000	1.000	2.000	16.1	16.1	1
1.8	1	1.8	1.6	1	1.6	2.250	1.000	2.250	1.4	1	1.4	3.000	1.000	3.000	1.4	1.00	1.4	3.000	1.000	3.000	1.4	1	1.4	3.000	1.000	3.000	18.9	18.9	1
1.6	1	1.6	1.6	1	1.6	2.000	1.000	2.000	1.6	1	1.6	2.000	1.000	2.000	1.6	1.00	1.6	2.000	1.000	2.000	1.6	1	1.6	2.000	1.000	2.000	16.0	16.0	1
1.6	1	1.6	1.4	1	1.4	2.750	1.000	2.750	1.4	1	1.4	2.000	1.000	2.000	1.6	1.00	1.6	2.000	1.000	2.000	1.6	1	1.6	2.000	1.000	2.000	16.4	16.4	1
2.4	1	2.4	2.4	1	2.4	2.000	1.000	2.000	1.6	1	1.6	3.000	1.000	3.000	1.2	1.00	1.2	3.000	1.000	3.000	1.2	1	1.2	3.000	1.000	3.000	19.8	19.8	1
2	1	2	2.2	1	2.2	3.000	1.000	3.000	1.4	1	1.4	2.500	1.000	2.500	1.4	1.00	1.4	2.500	1.000	2.500	1.4	1	1.4	2.500	1.000	2.500	18.9	18.9	1
1.8	1	1.8	1.8	1	1.8	2.000	1.000	2.000	1.6	1	1.6	2.250	1.000	2.250	1.4	1.00	1.4	2.250	1.000	2.250	1.4	1	1.4	2.250	1.000	2.250	16.8	16.8	1

MID SEMESTER ASSESSMENT FOR 2019-2020 ADMITTED BATCH

Po'S	Sum of weighted product/ weighted sum of Pos sem- 1	Sum of weighted product/ weighted sum of Pos sem-2	Sum of weighted product/ weighted sum of Pos sem-3	Sum of weighted product/ weighted sum of Pos sem-4	Sum of weighted product/weighted sum of Pos sem-5	Sum of weighted product/weighted sum of Pos sem-6	Average of PO's attained	% of attainment
PO1	0.966336492	0.962032086	0.936159208	0.964324324	0.99461439	1	0.97057775	97.06%
PO2	0.966255204	0.962611111	0.92678487	0.961212121	0.996140652	1	0.968833993	96.88%
PO3	0.973560564	0.966129032	0.943486322	0.966315789	0.996949359	1	0.974406845	97.44%
PO4	0.971147059	0.95816609	0.937735663	0.965423729	0.994369369	1	0.971140318	97.11%
PO5	0.969337068	0.958534202	0.927514159	0.962105263	0.996392496	1	0.968980531	96.90%
PO6	0.965996205	0.959212121	0.934188163	0.95826087	0.995265152	1	0.968820418	96.88%
PO7	0.962034156	0.95474359	0.932832528	0.965984252	0.995083042	1	0.968446261	96.84%

CO-CURRICULAR ASSESMENT ATTAINMENTS FOR 2019-2020 ADMITTED BATCH

Po'S	Sum of weighted product/ weighted sum of Pos sem- 1	Sum of weighted product/ weighted sum of Pos sem-2	Sum of weighted product/ weighted sum of Pos sem-3	Sum of weighted product/ weighted sum of Pos sem-4	Sum of weighted product/weighted sum of Pos sem-5	Sum of weighted product/weighted sum of Pos sem-6	Average of PO's attained	% of attainment
PO1	1	1	1	0.964324324	0.99461439	1	0.993156452	99.32%
PO2	1	1	1	0.961212121	0.996140652	1	0.992892129	99.29%
PO3	1	1	1	0.966315789	0.996949359	1	0.993877525	99.39%
PO4	1	1	1	0.965423729	0.994369369	1	0.99329885	99.33%
PO5	1	1	1	0.962105263	0.996392496	1	0.99308296	99.31%
PO6	1	1	1	0.95826087	0.995265152	1	0.992254337	99.23%
PO7	1	1	1	0.965984252	0.995083042	1	0.993511216	99.35%

FINAL ATTAINMENT FOR 2019-2020 ADMITTED BATCH

Po'S	Sum of weighted product/ weighted sum of Pos sem- 1	Sum of weighted product/ weighted sum of Pos sem-2	Sum of weighted product/ weighted sum of Pos sem-3	Sum of weighted product/ weighted sum of Pos sem-4	Sum of weighted product/weighted sum of Pos sem-5	Sum of weighted product/weighted sum of Pos sem-6	Average of PO's attained	% of attainment
PO1	0.836848442	0.947193082	0.981034483	0.964324324	0.924325922	1	0.942287709	94.23%
PO2	0.95071036	0.948690307	0.982026144	0.961212121	0.925236348	1	0.961312547	96.13%
PO3	0.958702114	0.951382292	0.980633803	0.966315789	0.944024292	1	0.966843048	96.68%
PO4	0.953644752	0.939403666	0.981788079	0.965423729	0.913969202	1	0.959038238	95.90%
PO5	0.953990731	0.942174787	0.984827586	0.962105263	0.944880701	1	0.964663178	96.47%
PO6	0.952027127	0.943783366	0.982153392	0.95826087	0.92765592	1	0.960646779	96.06%
PO7	0.947507406	0.939648118	0.980701754	0.965984252	0.938290271	1	0.962021967	96.20%

Signature of Head of the Department.



PRINCIPAL
A.S.D. GOVT. DEGREE COLLEGE (W)
AUTONOMOUS
KAKINADA

Signature of the Principal

BA (THP) 2019-2020 AB ATTAINMENTS 2019 -2020

Programme Outcomes

PO1: Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives

PO2: Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.

PO3: Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.

PO4: Effective Citizenship: Demonstrate empathetic social concern and equity centered national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

PO5: Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

PO6: Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

PO7: Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes

I Semester – Paper I PRACHINA TELUGU KAVITVAM

C.O. 1. Learn about ancient Telugu literature and the beauty of poetry.

C.O. 2. Drama as a unique process in Telugu literature is social and political of the people

learn about the conditions

C.O. 3. Students will learn about the Telugu culture, traditions and children's games of Prabandha period

C.O. 4. Students will learn about Prabandha characteristics, Social life in the age of Prabandha.

I Semester – Paper I-PRACHINA TELUGU KAVITVAM

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	2	3	2	3	2	2
CO2	2	3	2	1	2	2	1
CO3	3	2	1	3	3	2	2
CO4	2	2	2	3	2	3	2
Weighted Average	2.5	2.25	2.0	1.75	2.5	2.25	1.75

Courses	No. of Students attended	No. of Students Attained			CO_MSA	CO_CCAA	CO_FA
		MSA	CCAA	FA			
THP Sem I	24	21	24	21	0.87	1	0.87

SEMESTER 1

BA(THP)- SEM I PO CO MSA 2019-2020 AB MID SEMESTER ASSESSMENT

His			POL			Spl.Tel			ENG			Telugu			Sanskrit			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2.2	1	2.2	2.2	1	2.2	2.5	0.87	2.175	2.3	0.96	2.208	2	0.75	1.5	2.5	0.66	1.65	13.7	11.933	0.871021898
2.2	1	2.2	2.2	1	2.2	2.25	0.87	1.9575	2.6	0.96	2.496	1.8	0.75	1.35	2.6	0.66	1.716	13.65	11.9195	0.873223443
2.6	1	2.6	2.6	1	2.6	2	0.87	1.74	2.5	0.96	2.4	2	0.75	1.5	1.6	0.66	1.056	13.3	11.896	0.89443609
2.2	1	2.2	2.2	1	2.2	1.75	0.87	1.5225	2.6	0.96	2.496	2.4	0.75	1.8	2	0.66	1.32	13.15	11.5385	0.877452471
2.4	1	2.4	2.4	1	2.4	2.5	0.87	2.175	2.3	0.96	2.208	2	0.75	1.5	2.4	0.66	1.584	14	12.267	0.876214286
2	1	2	2	1	2	2.25	0.87	1.9575	2	0.96	1.92	2.2	0.75	1.65	2.5	0.66	1.65	12.95	11.1775	0.863127413
1.6	1	1.6	1.6	1	1.6	1.75	0.87	1.5225	2.5	0.96	2.4	1.6	0.75	1.2	2.6	0.66	1.716	11.65	10.0385	0.86167382

BA(THP)- SEM I PO CO CCAA 2019-2020 AB CO-CURRICULAR ASSESSMENT ATTAINMENT

His			POL			Spl.Tel			ENG			Telugu			Sanskrit			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	2.3	1	2.3	2	1	2	2.5	1	2.5	13.7	13.7	1
2.2	1	2.2	2.2	1	2.2	2.25	1.00	2.25	2.6	1	2.6	1.8	1	1.8	2.6	1	2.6	13.65	13.65	1
2.6	1	2.6	2.6	1	2.6	2	1.00	2	2.5	1	2.5	2	1	2	1.6	1	1.6	13.3	13.3	1
2.2	1	2.2	2.2	1	2.2	1.75	1.00	1.75	2.6	1	2.6	2.4	1	2.4	2	1	2	13.15	13.15	1
2.4	1	2.4	2.4	1	2.4	2.5	1.00	2.5	2.3	1	2.3	2	1	2	2.4	1	2.4	14	14	1
2	1	2	2	1	2	2.25	1.00	2.25	2	1	2	2.2	1	2.2	2.5	1	2.5	12.95	12.95	1
1.6	1	1.6	1.6	1	1.6	1.75	1.00	1.75	2.5	1	2.5	1.6	1	1.6	2.6	1	2.6	11.65	11.65	1

BA (THP) SEM I PO CO Attainment (FA) 2019-2020 AB FINAL ATTAINMENTS

His			POL			Spl.Tel			ENG			Telugu			Sanskrit			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2.2	1	2.2	2.2	1	2.2	2.5	0.87	2.175	2.3	0.73	1.679	2	1	2	2.5	0.66	1.65	13.7	11.904	0.868905109
2.2	1	2.2	2.2	1	2.2	2.25	0.87	1.9575	2.6	0.73	1.898	1.8	1	1.8	2.6	0.66	1.716	13.65	11.7715	0.862380952
2.6	1	2.6	2.6	1	2.6	2	0.87	1.74	2.5	0.73	1.825	2	1	2	1.6	0.66	1.056	13.3	11.821	0.888796992
2.2	1	2.2	2.2	1	2.2	1.75	0.87	1.5225	2.6	0.73	1.898	2.4	1	2.4	2	0.66	1.32	13.15	11.5405	0.877604563
2.4	1	2.4	2.4	1	2.4	2.5	0.87	2.175	2.3	0.73	1.679	2	1	2	2.4	0.66	1.584	14	12.238	0.874142857
2	1	2	2	1	2	2.25	0.87	1.9575	2	0.73	1.46	2.2	1	2.2	2.5	0.66	1.65	12.95	11.2675	0.87007722
1.6	1	1.6	1.6	1	1.6	1.75	0.87	1.5225	2.5	0.73	1.825	1.6	1	1.6	2.6	0.66	1.716	11.65	9.8635	0.846652361

SEMESTER 2

BA(THP)- SEM II PO CO MSA 2019-2020 AB MID SEMESTER ASSESSMENT

His			POL			Spl.Tel			ENG			Telugu			Sanskrit			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2.6	1	2.6	2.8	1	2.8	2.3	1	2.3	2.6	0.96	2.496	2.6	0.94	2.444	2.5	1	2.5	15.4	15.14	0.983116883
2.8	1	2.8	2.6	1	2.6	2	1	2	2.3	0.96	2.208	2.6	0.94	2.444	2.6	1	2.6	14.9	14.652	0.983355705
2.4	1	2.4	2.4	1	2.4	2.1	1	2.1	2.1	0.96	2.016	2	0.94	1.88	1.6	1	1.6	12.6	12.396	0.983809524
1.4	1	1.4	1.4	1	1.4	2.5	1	2.5	2.5	0.96	2.4	2.6	0.94	2.444	2	1	2	12.4	12.144	0.979354839
1.6	1	1.6	1.4	1	1.4	2.1	1	2.1	2.3	0.96	2.208	2.6	0.94	2.444	2.4	1	2.4	12.4	12.152	0.98
2	1	2	2	1	2	2	1	2	2.5	0.96	2.4	2.4	0.94	2.256	2.5	1	2.5	13.4	13.156	0.981791045
1.6	1	1.6	1.4	1	1.4	2	1	2	2.6	0.96	2.496	1.8	0.94	1.692	2.6	1	2.6	12	11.788	0.982333333

BA(THP)- SEM II PO CO CCAA 2019-2020 AB CO-CURRICULAR ASSESSMENT ATTAINMENTS

His			POL			Spl.Tel			ENG			Telugu			Sanskrit			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2.6	1	2.6	2.8	1	2.8	2.3	1	2.3	2.6	1	2.6	2.6	1	2.6	2.5	1	2.5	15.4	15.4	1
2.8	1	2.8	2.6	1	2.6	2	1	2	2.3	1	2.3	2.6	1	2.6	2.6	1	2.6	14.9	14.9	1
2.4	1	2.4	2.4	1	2.4	2.1	1	2.1	2.1	1	2.1	2	1	2	1.6	1	1.6	12.6	12.6	1
1.4	1	1.4	1.4	1	1.4	2.5	1	2.5	2.5	1	2.5	2.6	1	2.6	2	1	2	12.4	12.4	1
1.6	1	1.6	1.4	1	1.4	2.1	1	2.1	2.3	1	2.3	2.6	1	2.6	2.4	1	2.4	12.4	12.4	1
2	1	2	2	1	2	2	1	2	2.5	1	2.5	2.4	1	2.4	2.5	1	2.5	13.4	13.4	1
1.6	1	1.6	1.4	1	1.4	2	1	2	2.6	1	2.6	1.8	1	1.8	2.6	1	2.6	12	12	1

BA (THP) SEM II PO CO Attainment (FA) 2019-2020 AB FINAL ATTAINMENTS

His			POL			Spl.Tel			ENG			Telugu			Sanskrit			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2.6	0.95	2.47	2.8	0.95	2.66	2.3	0.90	2.07	2.6	0.81	2.106	2.6	0.94	2.444	2.5	1	2.5	15.4	14.25	0.925324675
2.8	0.95	2.66	2.6	0.95	2.47	2	0.90	1.8	2.3	0.81	1.863	2.6	0.94	2.444	2.6	1	2.6	14.9	13.837	0.928657718
2.4	0.95	2.28	2.4	0.95	2.28	2.1	0.90	1.89	2.1	0.81	1.701	2	0.94	1.88	1.6	1	1.6	12.6	11.631	0.923095238
1.4	0.95	1.33	1.4	0.95	1.33	2.5	0.90	2.25	2.5	0.81	2.025	2.6	0.94	2.444	2	1	2	12.4	11.379	0.91766129
1.6	0.95	1.52	1.4	0.95	1.33	2.1	0.90	1.89	2.3	0.81	1.863	2.6	0.94	2.444	2.4	1	2.4	12.4	11.447	0.923145161
2	0.95	1.9	2	0.95	1.9	2	0.90	1.8	2.5	0.81	2.025	2.4	0.94	2.256	2.5	1	2.5	13.4	12.381	0.923955224
1.6	0.95	1.52	1.4	0.95	1.33	2	0.90	1.8	2.6	0.81	2.106	1.8	0.94	1.692	2.6	1	2.6	12	11.048	0.920666667

SEMESTER 3

BA(THP)- SEM III PO CO MSA 2019-2020 AB MID SEMESTER ASSESSMENT

His			POL			Spl.Tel			ENG			Telugu			Sanskrit			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	1	2	2.2	1	2.2	2.4	1	2.4	2.3	0.96	2.208	2.6	0.93	2.418	2.5	1	2.5	14	13.726	0.980429
1.6	1	1.6	1.4	1	1.4	2.6	1	2.6	2.1	0.96	2.016	2.6	0.93	2.418	2.6	1	2.6	12.9	12.634	0.97938
1.6	1	1.6	1.6	1	1.6	2.4	1	2.4	1.8	0.96	1.728	2.4	0.93	2.232	1.6	1	1.6	11.4	11.16	0.978947
1.8	1	1.8	1.6	1	1.6	2	1	2	2.1	0.96	2.016	2.6	0.93	2.418	2	1	2	12.1	11.834	0.978017
1.4	1	1.4	1.4	1	1.4	2.2	1	2.2	2.1	0.96	2.016	2	0.93	1.86	2.4	1	2.4	11.5	11.276	0.980522
2	1	2	2	1	2	2.2	1	2.2	2.5	0.96	2.4	2.6	0.93	2.418	2.5	1	2.5	13.8	13.518	0.979565
1.8	1	1.8	1.8	1	1.8	2.2	1	2.2	2.5	0.96	2.4	1.8	0.93	1.674	2.6	1	2.6	12.7	12.474	0.982205

BA(THP)- SEM III PO CO CCAA 2019-2020 AB CO-CURRICULAR ASSESSMENT ATTAINMENTS

His			POL			Spl.Tel			ENG			Telugu			Sanskrit			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	1	2	2.2	1	2.2	2.4	1	2.4	2.3	1	2.3	2.6	1	2.6	2.5	1	2.5	14	14	1
1.6	1	1.6	1.4	1	1.4	2.6	1	2.6	2.1	1	2.1	2.6	1	2.6	2.6	1	2.6	12.9	12.9	1
1.6	1	1.6	1.6	1	1.6	2.4	1	2.4	1.8	1	1.8	2.4	1	2.4	1.6	1	1.6	11.4	11.4	1
1.8	1	1.8	1.6	1	1.6	2	1	2	2.1	1	2.1	2.6	1	2.6	2	1	2	12.1	12.1	1
1.4	1	1.4	1.4	1	1.4	2.2	1	2.2	2.1	1	2.1	2	1	2	2.4	1	2.4	11.5	11.5	1
2	1	2	2	1	2	2.2	1	2.2	2.5	1	2.5	2.6	1	2.6	2.5	1	2.5	13.8	13.8	1
1.8	1	1.8	1.8	1	1.8	2.2	1	2.2	2.5	1	2.5	1.8	1	1.8	2.6	1	2.6	12.7	12.7	1

SEMESTER 4

BA(THP)- SEM IV PO CO MSA 2019-2020 AB MID SEMESTER ASSESSMENT

His			POL			Spl. Tel			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12
2.2	1	2.2	2.2	1	2.2	2	1.00	2	6.4	6.4	1
1.8	1	1.8	1.4	1	1.4	2.4	1.00	2.4	5.6	5.6	1
1.6	1	1.6	1.6	1	1.6	2.6	1.00	2.6	5.8	5.8	1
1.8	1	1.8	1.6	1	1.6	2.2	1.00	2.2	5.6	5.6	1
1.6	1	1.6	1.4	1	1.4	2.2	1.00	2.2	5.2	5.2	1
2	1	2	2	1	2	2	1.00	2	6	6	1
1.8	1	1.8	1.8	1	1.8	2.2	1.00	2.2	5.8	5.8	1

BA(THP)- SEM IV PO CO CCAA 2019-2020 AB CO-CURRICULAR ASSESSMENT ATTAINMENTS

His			POL			Spl. Tel			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12
2.2	1	2.2	2.2	1	2.2	2	1.00	2	6.4	6.4	1
1.8	1	1.8	1.4	1	1.4	2.4	1.00	2.4	5.6	5.6	1
1.6	1	1.6	1.6	1	1.6	2.6	1.00	2.6	5.8	5.8	1
1.8	1	1.8	1.6	1	1.6	2.2	1.00	2.2	5.6	5.6	1
1.6	1	1.6	1.4	1	1.4	2.2	1.00	2.2	5.2	5.2	1
2	1	2	2	1	2	2	1.00	2	6	6	1
1.8	1	1.8	1.8	1	1.8	2.2	1.00	2.2	5.8	5.8	1

BA (THP) SEM IV PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS											
His			POL			Spl. Tel			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12
2.2	1	2.2	2.2	1	2.2	2	0.94	1.88	6.4	6.28	0.98125
1.8	1	1.8	1.4	1	1.4	2.4	0.94	2.256	5.6	5.456	0.974285714
1.6	1	1.6	1.6	1	1.6	2.6	0.94	2.444	5.8	5.644	0.973103448
1.8	1	1.8	1.6	1	1.6	2.2	0.94	2.068	5.6	5.468	0.976428571
1.6	1	1.6	1.4	1	1.4	2.2	0.94	2.068	5.2	5.068	0.974615385
2	1	2	2	1	2	2	0.94	1.88	6	5.88	0.98
1.8	1	1.8	1.8	1	1.8	2.2	0.94	2.068	5.8	5.668	0.977241379

SEMESTER 5

BA(THP)- SEM V PO CO MSA 2019-2020 AB MID SEMESTER ASSESSMENT

His P-V(A)			POL P-V(A)			Spl.Tel P-V(A)			His P-V(B)			POL P-V(B)			Spl.Tel P-V(A)			Weigted Sum		
1	2	3	4	5	6	7	7	9	10	11	12	13	14	15	16	17	18	19	20	21
1.6	1	1.6	1.4	1	1.4	2.5	1	2.5	1.4	1	1.4	1.4	1	1.4	2.5	1.00	2.5	10.8	10.8	1
2	1	2	2	1	2	2.75	1	2.75	2	1	2	2	1	2	2.75	1.00	2.75	13.5	13.5	1
2.6	1	2.6	2.6	1	2.6	2.25	1	2.25	2.6	1	2.6	2.6	1	2.6	2.5	1.00	2.5	15.15	15.15	1
1.4	1	1.4	1.4	1	1.4	2	1	2	1.4	1	1.4	1.4	1	1.4	2	1.00	2	9.6	9.6	1
2	1	2	2.2	1	2.2	1.75	1	1.75	2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	12.85	12.85	1
1.4	1	1.4	1.4	1	1.4	1.75	1	1.75	1.4	1	1.4	1.4	1	1.4	2.25	1.00	2.25	9.6	9.6	1
1.6	1	1.6	1.6	1	1.6	2.25	1	2.25	1.6	1	1.6	1.6	1	1.6	1.75	1.00	1.75	10.4	10.4	1

BA(THP)- SEM V PO CO CCAA 2019-2020 AB CO-CURRICULAR ASSESSMENT ATTAINMENTS

His P-V (A)			POL P-V(A)			Spl.Tel P-V (A)			His P - V(B)			POL P-V(B)			Spl.Tel P-V (B)			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1.6	1	1.6	1.4	1	1.4	2.5	1	2.5	1.4	1	1.4	1.4	1	1.4	2.5	1.00	2.5	10.8	10.8	1
2	1	2	2	1	2	2.75	1	2.75	2	1	2	2	1	2	2.75	1.00	2.75	13.5	13.5	1
2.6	1	2.6	2.6	1	2.6	2.25	1	2.25	2.6	1	2.6	2.6	1	2.6	2.5	1.00	2.5	15.15	15.15	1
1.4	1	1.4	1.4	1	1.4	2	1	2	1.4	1	1.4	1.4	1	1.4	2	1.00	2	9.6	9.6	1
2	1	2	2.2	1	2.2	1.75	1	1.75	2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	12.85	12.85	1
1.4	1	1.4	1.4	1	1.4	1.75	1	1.75	1.4	1	1.4	1.4	1	1.4	2.25	1.00	2.25	9.6	9.6	1
1.6	1	1.6	1.6	1	1.6	2.25	1	2.25	1.6	1	1.6	1.6	1	1.6	1.75	1.00	1.75	10.4	10.4	1

BA (THP) SEM V PO CO Attainment (FA) 2019-2020 AB FINAL ASSESSMENT ATTAINMENTS

His P-V(A)			POL P-V(A)			Spl.Tel P-V(A)			His P-V(B)			POL P-V(B)			Spl.Tel P-V (B)			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1.6	1	1.6	1.4	1	1.4	2.5	0.94	2.35	1.4	1	1.4	1.4	1	1.4	2.5	0.88	2.2	10.8	10.35	0.958333
2	1	2	2	1	2	2.75	0.94	2.585	2	1	2	2	1	2	2.75	0.88	2.42	13.5	13.005	0.963333
2.6	1	2.6	2.6	1	2.6	2.25	0.94	2.115	2.6	1	2.6	2.6	1	2.6	2.5	0.88	2.2	15.15	14.715	0.971287
1.4	1	1.4	1.4	1	1.4	2	0.94	1.88	1.4	1	1.4	1.4	1	1.4	2	0.88	1.76	9.6	9.24	0.9625
2	1	2	2.2	1	2.2	1.75	0.94	1.645	2.2	1	2.2	2.2	1	2.2	2.5	0.88	2.2	12.85	12.445	0.968482
1.4	1	1.4	1.4	1	1.4	1.75	0.94	1.645	1.4	1	1.4	1.4	1	1.4	2.25	0.88	1.98	9.6	9.225	0.960938
1.6	1	1.6	1.6	1	1.6	2.25	0.94	2.115	1.6	1	1.6	1.6	1	1.6	1.75	0.88	1.54	10.4	10.055	0.966827

SEMESTER 6

BA(THP)- SEM VI PO CO MSA 2019-2020 AB MID SEMESTER ASSESSMENT

HIS-ELECTIVE			POL-ELECTIVE			Spl.Tel-ELECTIVE			Spl.Tel-CLU-1			Spl Tel-CLU-2			Spl Tel-CLU-3			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	1	2	2	1	2	2.500	1.000	2.500	2.5	1	2.5	2.250	1.000	2.250	2.5	1.00	2.5	13.75	11.25	0.818
1.8	1	1.8	1.6	1	1.6	2.750	1.000	2.750	2	1	2	2.250	1.000	2.250	2.5	1.00	2.5	12.90	10.40	0.806
1.6	1	1.6	1.6	1	1.6	2.500	1.000	2.500	2.5	1	2.5	2.250	1.000	2.250	2.25	1.00	2.25	12.70	10.45	0.823
1.6	1	1.6	1.4	1	1.4	2.000	1.000	2.000	2.25	1	2.25	2.250	1.000	2.250	2.25	1.00	2.25	11.75	9.50	0.809
2.4	1	2.4	2.4	1	2.4	2.500	1.000	2.500	2.25	1	2.25	2.500	1.000	2.500	2.25	1.00	2.25	14.30	12.05	0.843
2	1	2	2.2	1	2.2	2.250	1.000	2.250	1.75	1	1.75	1.750	1.000	1.750	1.75	1.00	1.75	11.70	9.95	0.850
1.8	1	1.8	1.8	1	1.8	1.750	1.000	1.750	2.75	1	2.75	2.500	1.000	2.500	2.25	1.00	2.25	12.85	10.60	0.825

BA(THP)- SEM VI PO CO CCAA 2019-2020 AB CO-CURRICULAR ASSESSMENT ATTAINMENTS

HIS-ELECTIVE			POL-ELECTIVE			Spl.Tel -ELECTIVE			Spl Tel-CLU-1			Spl Tel-CLU-2			Spl Tel-CLU-3			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	1	2	2	1	2	2.500	1.000	2.500	2.5	1	2.5	2.250	1.000	2.250	2.5	1.00	2.5	13.75	11.25	0.818
1.8	1	1.8	1.6	1	1.6	2.750	1.000	2.750	2	1	2	2.250	1.000	2.250	2.5	1.00	2.5	12.90	10.40	0.806
1.6	1	1.6	1.6	1	1.6	2.500	1.000	2.500	2.5	1	2.5	2.250	1.000	2.250	2.25	1.00	2.25	12.70	10.45	0.823
1.6	1	1.6	1.4	1	1.4	2.000	1.000	2.000	2.25	1	2.25	2.250	1.000	2.250	2.25	1.00	2.25	11.75	9.50	0.809
2.4	1	2.4	2.4	1	2.4	2.500	1.000	2.500	2.25	1	2.25	2.500	1.000	2.500	2.25	1.00	2.25	14.30	12.05	0.843
2	1	2	2.2	1	2.2	2.250	1.000	2.250	1.75	1	1.75	1.750	1.000	1.750	1.75	1.00	1.75	11.70	9.95	0.850
1.8	1	1.8	1.8	1	1.8	1.750	1.000	1.750	2.75	1	2.75	2.500	1.000	2.500	2.25	1.00	2.25	12.85	10.60	0.825

BA (THP) SEM VI PO CO Attainment (FA) 2019-2020 AB FINAL ASSESSMENT ATTAINMENTS

HIS-ELECTIVE			POL-ELECTIVE			Spl.Tel -ELECTIVE			Spl Tel-CLU-1			Spl Tel-CLU-2			Spl Tel-CLU-3			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	1	2	2	1	2	2.500	1.000	2.500	2.5	1	2.5	2.250	0.760	1.710	2.5	1.00	2.5	13.75	10.71	0.779
1.8	1	1.8	1.6	1	1.6	2.750	1.000	2.750	2	1	2	2.250	0.760	1.710	2.5	1.00	2.5	12.90	9.86	0.764
1.6	1	1.6	1.6	1	1.6	2.500	1.000	2.500	2.5	1	2.5	2.250	0.760	1.710	2.25	1.00	2.25	12.70	9.91	0.780
1.6	1	1.6	1.4	1	1.4	2.000	1.000	2.000	2.25	1	2.25	2.250	0.760	1.710	2.25	1.00	2.25	11.75	8.96	0.763
2.4	1	2.4	2.4	1	2.4	2.500	1.000	2.500	2.25	1	2.25	2.500	0.760	1.900	2.25	1.00	2.25	14.30	11.45	0.801
2	1	2	2.2	1	2.2	2.250	1.000	2.250	1.75	1	1.75	1.750	0.760	1.330	1.75	1.00	1.75	11.70	9.53	0.815
1.8	1	1.8	1.8	1	1.8	1.750	1.000	1.750	2.75	1	2.75	2.500	0.760	1.900	2.25	1.00	2.25	12.85	10.00	0.778

MSA Attainment for 2019-2020 Admitted Batch

Po'S	Sum of weighted product/ weighted sum of Pos sem- 1	Sum of weighted product/ weighted sum of Pos sem-2	Sum of weighted product/ weighted sum of Pos sem-3	Sum of weighted product/ weighted sum of Pos sem-4	Sum of weighted product/weighted sum of Pos sem-5	Sum of weighted product/weighted sum of Pos sem-6	Average of PO's attained	% of attainment
PO1	0.871021898	0.983116883	0.980428571	1	1	0.818	0.942	94%
PO2	0.873223443	0.983355705	0.979379845	1	1	0.806	0.940	94%
PO3	0.89443609	0.983809524	0.978947368	1	1	0.823	0.947	95%
PO4	0.877452471	0.979354839	0.978016529	1	1	0.809	0.941	94%
PO5	0.876214286	0.98	0.980521739	1	1	0.843	0.947	95%
PO6	0.863127413	0.981791045	0.979565217	1	1	0.850	0.946	95%
PO7	0.86167382	0.982333333	0.982204724	1	1	0.825	0.942	94%

CCAA Attainment for 2019-2020 Admitted Batch

Po'S	Sum of weighted product/ weighted sum of Pos sem-1	Sum of weighted product/ weighted sum of Pos sem-2	Sum of weighted product/ weighted sum of Pos sem-3	Sum of weighted product/ weighted sum of Pos sem-4	Sum of weighted product/weighted sum of Pos sem-5	Sum of weighted product/weighted sum of Pos sem-6	Average of PO's attained	% of attainment
PO1	1	1	1	1	1	1	1	100%
PO2	1	1	1	1	1	1	1	100%
PO3	1	1	1	1	1	1	1	100%
PO4	1	1	1	1	1	1	1	100%
PO5	1	1	1	1	1	1	1	100%
PO6	1	1	1	1	1	1	1	100%
PO7	1	1	1	1	1	1	1	100%

2019-20 BA THP FA attainment

Po'S	Sum of weighted product/ weighted sum of Pos sem- 1	Sum of weighted product/ weighted sum of Pos sem-2	Sum of weighted product/ weighted sum of Pos sem-3	Sum of weighted product/ weighted sum of Pos sem-4	Sum of weighted product/weighted sum of Pos sem-5	Average of PO's attained	% of attainment
PO1	0.892	0.8682353	0.86063492	0.98958333	0.764	0.875	87%
PO2	0.89618677	0.8585039	0.85398374	0.9875	0.887	0.897	90%
PO3	0.900571429	0.8833636	0.88909091	0.98839286	0.882	0.909	91%
PO4	0.885201794	0.8820455	0.87680672	0.989	0.879	0.902	90%
PO5	0.8971875	0.8564655	0.85168142	0.98804348	0.881	0.895	89%
PO6	0.884773663	0.8583065	0.86296875	0.99074074	0.881	0.896	90%
PO7	0.881658986	0.8511864	0.84626087	0.98804348	0.884	0.890	89%

Signature of Head of the Department



V. N. D.
PRINCIPAL
A.S.D. GOVT. DEGREE COLLEGE (W)
AUTONOMOUS
KAKINADA

Signature of the Principal

BA (HETT) 2019-2020 AB ATTAINMENTS 2019 -2020

Programme Outcomes

PO1: Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives

PO2: Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.

PO3: Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.

PO4: Effective Citizenship: Demonstrate empathetic social concern and equity centered national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

PO5: Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

PO6: Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

PO7: Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes

Code TT 1105 SEMESTER- I PAPER- I BASICS OF TOURISM

COURSE OUTCOMES:

1. Understand the Tourism developments
2. Identify the Foreign trade developments
3. Analyze the growth of Tourism
4. Recognize the demand for Tourism
5. Asses the structure of State & Central Tourism Developments

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	2	2	1	2	2	2	1
CO2	3	1	2	1	1	-	1
CO3	3	1	1	1	1	2	1
CO4	2	2	1	2	1	-	1
CO5	3	1	2	1	2	1	2
Average	2.2	2.2	2.6	2.2	2.4	2	1.6

Attainment level of each course in Sem-I for B.A.(HET):

Courses	No. of students attended	No. of students attained			CO_DA	CO_IA	CO_FA
		DA	IA	FA			
Basics Of Tourism	3	3	3	3	1	1	1

DA 2019-20 HETT

Mid Semester Assessment (MSA)

Po'S	Sum of weighted product/ weighted sum of Pos sem- 1	Sum of weighted product/ weighted sum of Pos sem-2	Sum of weighted product/ weighted sum of Pos sem-3	Sum of weighted product/ weighted sum of Pos sem-4	Sum of weighted product/weighted sum of Pos sem-5	Sum of weighted product/weighted sum of Pos sem-6	Average of PO's attained	% of attainment
				1				
PO1	0.940611354	0.92984127	0.928130081	1	1	1	0.966430451	97.07%
PO2	0.944615385	0.925084746	0.923793103	1	1	1	0.965582206	96.91%
PO3	0.943096234	0.942372881	0.931428571	1	1	1	0.969482948	97.39%
PO4	0.928421053	0.924765957	0.923793103	1	1	1	0.962830019	96.86%
PO5	0.937327189	0.926025105	0.937614679	1	1	1	0.966827829	97.17%
PO6	0.930093458	0.928421053	0.925400844	1	1	1	0.963985892	96.96%
PO7	0.947184466	0.942264151	0.941714286	1	1	1	0.971860484	97.60%

BA (HET) SEM I PO CO Attainment (IA) 2020-21 AB CO-CURRICULAR ASSESMENT ATTAINMENTS

IA	CCAA								
	Po'S	Sum of weighted product/ weighted sum of Pos sem-1	Sum of weighted product/ weighted sum of Pos sem-2	Sum of weighted product/ weighted sum of Pos sem-3	Sum of weighted product/ weighted sum of Pos sem-4	Sum of weighted product/ weighted sum of Pos sem-5	Sum of weighted product/ weighted sum of Pos sem-6	Average of PO's attained	% of attainment
PO1	1	1	1	1	1	1	1	1	100.00%
PO2	1	1	1	1	1	1	1	1	100.00%
PO3	1	1	1	1	1	1	1	1	100.00%
PO4	1	1	1	1	1	1	1	1	100.00%
PO5	1	1	1	1	1	1	1	1	100.00%
PO6	1	1	1	1	1	1	1	1	100.00%
PO7	1	1	1	1	1	1	1	1	100.00%

BA (HET) SEM I PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS																	
His			Tourism			ECO			ENG			SL			Weighted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2.2	1	2.2	2.2	1	2.2	2.75	1.00	2.75	2.3	0.66	1.518	2	1	2	11.45	10.668	0.931703
2.2	1	2.2	2.2	1	2.2	2.25	1.00	2.25	2.6	0.66	1.716	1.8	1	1.8	11.05	10.166	0.92
2.6	1	2.6	2.6	1	2.6	2.25	1.00	2.25	2.5	0.66	1.65	2	1	2	11.95	11.1	0.92887
2.2	1	2.2	2.2	1	2.2	2	1.00	2	2.6	0.66	1.716	2.4	1	2.4	11.4	10.516	0.922456
2.4	1	2.4	2.4	1	2.4	1.75	1.00	1.75	2.3	0.66	1.518	2	1	2	10.85	10.068	0.927926
2	1	2	2	1	2	2.5	1.00	2.5	2	0.66	1.32	2.2	1	2.2	10.7	10.02	0.936449
1.6	1	1.6	1.6	1	1.6	3	1.00	3	2.5	0.66	1.65	1.6	1	1.6	10.3	9.45	0.917476

SEMESTER-II HETT

BA (HET) SEM II PO CO Attainment (DA) 2019-2020 AB MID SEMESTER ASSESMENT																	
His			Tourism			ECO			ENG			TEL			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2.2	1	2.2	2.2	1	2.2	3	1.00	3	2.6	1	2.6	2.6	0.66	1.716	12.6	11.716	0.929841
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	2.3	1	2.3	2.6	0.66	1.716	11.8	10.916	0.925085
2.6	1	2.6	2.6	1	2.6	2.5	1.00	2.5	2.1	1	2.1	2	0.66	1.32	11.8	11.12	0.942373
2.2	1	2.2	2.2	1	2.2	2.25	1.00	2.25	2.5	1	2.5	2.6	0.66	1.716	11.75	10.866	0.924766
2.4	1	2.4	2.4	1	2.4	2.25	1.00	2.25	2.3	1	2.3	2.6	0.66	1.716	11.95	11.066	0.926025
2	1	2	2	1	2	2.5	1.00	2.5	2.5	1	2.5	2.4	0.66	1.584	11.4	10.584	0.928421
1.6	1	1.6	1.6	1	1.6	3	1.00	3	2.6	1	2.6	1.8	0.66	1.188	10.6	9.988	0.942264

BA (HET) SEM II PO CO Attainment (IA) 2019-2020 AB CO-CURRICULAR ASSESMENT ATTAINMENTS																	
His			Tourism			ECO			ENG			TEL			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2.2	1	2.2	2.2	1	2.2	3	1.00	3	2.6	1	2.6	2.6	1	2.6	12.6	12.6	1
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	2.3	1	2.3	2.6	1	2.6	11.8	11.8	1
2.6	1	2.6	2.6	1	2.6	2.5	1.00	2.5	2.1	1	2.1	2	1	2	11.8	11.8	1
2.2	1	2.2	2.2	1	2.2	2.25	1.00	2.25	2.5	1	2.5	2.6	1	2.6	11.75	11.75	1
2.4	1	2.4	2.4	1	2.4	2.25	1.00	2.25	2.3	1	2.3	2.6	1	2.6	11.95	11.95	1
2	1	2	2	1	2	2.5	1.00	2.5	2.5	1	2.5	2.4	1	2.4	11.4	11.4	1
1.6	1	1.6	1.6	1	1.6	3	1.00	3	2.6	1	2.6	1.8	1	1.8	10.6	10.6	1

BA (HET) SEM II PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS																	
His			Tourism			ECO			ENG			TEL			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2.2	1	2.2	2.2	1	2.2	3	1.00	3	2.6	0.66	1.716	2.6	1	2.6	12.6	11.716	0.929841
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	2.3	0.66	1.518	2.6	1	2.6	11.8	11.018	0.933729
2.6	1	2.6	2.6	1	2.6	2.5	1.00	2.5	2.1	0.66	1.386	2	1	2	11.8	11.086	0.939492
2.2	1	2.2	2.2	1	2.2	2.25	1.00	2.25	2.5	0.66	1.65	2.6	1	2.6	11.75	10.9	0.92766
2.4	1	2.4	2.4	1	2.4	2.25	1.00	2.25	2.3	0.66	1.518	2.6	1	2.6	11.95	11.168	0.934561
2	1	2	2	1	2	2.5	1.00	2.5	2.5	0.66	1.65	2.4	1	2.4	11.4	10.55	0.925439
1.6	1	1.6	1.6	1	1.6	3	1.00	3	2.6	0.66	1.716	1.8	1	1.8	10.6	9.716	0.916604

SEM-III HETT

BA (HET) SEM III PO CO Attainment (DA) 2019-2020 AB MID SEMESTER ASSESMENT																	
His			Tourism			ECO			ENG			TEL			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2.2	1	2.2	2.2	1	2.2	3	1.00	3	2.3	1	2.3	2.6	0.66	1.716	12.3	11.416	0.92813
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	2.1	1	2.1	2.6	0.66	1.716	11.6	10.716	0.923793
2.6	1	2.6	2.6	1	2.6	2.5	1.00	2.5	1.8	1	1.8	2.4	0.66	1.584	11.9	11.084	0.931429
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	2.1	1	2.1	2.6	0.66	1.716	11.6	10.716	0.923793
2.4	1	2.4	2.4	1	2.4	2	1.00	2	2.1	1	2.1	2	0.66	1.32	10.9	10.22	0.937615
2	1	2	2	1	2	2.75	1.00	2.75	2.5	1	2.5	2.6	0.66	1.716	11.85	10.966	0.925401
1.6	1	1.6	1.6	1	1.6	3	1.00	3	2.5	1	2.5	1.8	0.66	1.188	10.5	9.888	0.941714

BA (HET) SEM III PO CO Attainment (IA) 2019-2020 AB CO-CURRICULAR ASSESMENT ATTAINMENTS																	
His			Tourism			ECO			ENG			TEL			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2.2	1	2.2	2.2	1	2.2	3	1.00	3	2.3	1	2.3	2.6	1	2.6	12.3	12.3	1
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	2.1	1	2.1	2.6	1	2.6	11.6	11.6	1
2.6	1	2.6	2.6	1	2.6	2.5	1.00	2.5	1.8	1	1.8	2.4	1	2.4	11.9	11.9	1
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	2.1	1	2.1	2.6	1	2.6	11.6	11.6	1
2.4	1	2.4	2.4	1	2.4	2	1.00	2	2.1	1	2.1	2	1	2	10.9	10.9	1
2	1	2	2	1	2	2.75	1.00	2.75	2.5	1	2.5	2.6	1	2.6	11.85	11.85	1
1.6	1	1.6	1.6	1	1.6	3	1.00	3	2.5	1	2.5	1.8	1	1.8	10.5	10.5	1

BA (HET) SEM III PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS																	
His			Tourism			ECO			ENG			TEL			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2.2	1	2.2	2.2	1	2.2	3	1.00	3	2.3	0.66	1.518	2.6	1	2.6	12.3	11.518	0.936423
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	2.1	0.66	1.386	2.6	1	2.6	11.6	10.886	0.938448
2.6	1	2.6	2.6	1	2.6	2.5	1.00	2.5	1.8	0.66	1.188	2.4	1	2.4	11.9	11.288	0.948571
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	2.1	0.66	1.386	2.6	1	2.6	11.6	10.886	0.938448
2.4	1	2.4	2.4	1	2.4	2	1.00	2	2.1	0.66	1.386	2	1	2	10.9	10.186	0.934495
2	1	2	2	1	2	2.75	1.00	2.75	2.5	0.66	1.65	2.6	1	2.6	11.85	11	0.92827
1.6	1	1.6	1.6	1	1.6	3	1.00	3	2.5	0.66	1.65	1.8	1	1.8	10.5	9.65	0.919048

BA (HET) SEM IV PO CO Attainment (DA) 2019-2020 AB MID SEMESTER ASSESMENT											
His			Tourism			ECO			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12
2.2	1	2.2	2.2	1	2.2	3	1.00	3	7.4	7.4	1
2.2	1	2.2	2.2	1	2.2	1.75	1.00	1.75	6.15	6.15	1
2.6	1	2.6	2.6	1	2.6	2.5	1.00	2.5	7.7	7.7	1
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	6.9	6.9	1
2.4	1	2.4	2.4	1	2.4	1.75	1.00	1.75	6.55	6.55	1
2	1	2	2	1	2	1.75	1.00	1.75	5.75	5.75	1
1.6	1	1.6	1.6	1	1.6	2.75	1.00	2.75	5.95	5.95	1

BA (HET) SEM IV PO CO Attainment (IA) 2019-2020 AB CO-CURRICULAR ASSESMENT ATTAINMENTS											
His			Tourism			ECO			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12
2.2	1	2.2	2.2	1	2.2	3	1.00	3	7.4	7.4	1
2.2	1	2.2	2.2	1	2.2	1.75	1.00	1.75	6.15	6.15	1
2.6	1	2.6	2.6	1	2.6	2.5	1.00	2.5	7.7	7.7	1
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	6.9	6.9	1
2.4	1	2.4	2.4	1	2.4	1.75	1.00	1.75	6.55	6.55	1
2	1	2	2	1	2	1.75	1.00	1.75	5.75	5.75	1
1.6	1	1.6	1.6	1	1.6	2.75	1.00	2.75	5.95	5.95	1

BA (HET) SEM IV PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS											
His			Tourism			ECO P-V (A)			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12
2.2	1	2.2	2.2	1	2.2	3	1.00	3	7.4	7.4	1
2.2	1	2.2	2.2	1	2.2	1.75	1.00	1.75	6.15	6.15	1
2.6	1	2.6	2.6	1	2.6	2.5	1.00	2.5	7.7	7.7	1
2.2	1	2.2	2.2	1	2.2	2.5	1.00	2.5	6.9	6.9	1
2.4	1	2.4	2.4	1	2.4	1.75	1.00	1.75	6.55	6.55	1
2	1	2	2	1	2	1.75	1.00	1.75	5.75	5.75	1
1.6	1	1.6	1.6	1	1.6	2.75	1.00	2.75	5.95	5.95	1

BA (HET) SEM V PO CO Attainment (DA) 2019-2020 AB MID SEMESTER ASSESMENT																				
His P-V(A)			Tourism P-V(A)			ECO P-V (A)			His P-V(B)			Tourism P-V(B)			ECO P-V (B)			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1.6	1	1.6	2.8	1	2.8	2.25	1	2.25	1.4	1	1.4	2.8	1	2.8	2.5	1	2.5	13.35	13.35	1
2	1	2	2.6	1	2.6	3	1	3	2	1	2	2.6	1	2.6	2.25	1	2.25	14.45	14.45	1
2.6	1	2.6	2.4	1	2.4	2.5	1	2.5	2.6	1	2.6	2.4	1	2.4	2	1	2	14.5	14.5	1
1.4	1	1.4	1.4	1	1.4	2.75	1	2.75	1.4	1	1.4	1.4	1	1.4	2.75	1	2.75	11.1	11.1	1
2	1	2	1.8	1	1.8	2	1	2	2.2	1	2.2	1.4	1	1.4	2	1	2	11.4	11.4	1
1.4	1	1.4	2	1	2	2	1	2	1.4	1	1.4	2	1	2	2	1	2	10.8	10.8	1
1.6	1	1.6	1.6	1	1.6	1.75	1	1.75	1.6	1	1.6	1.4	1	1.4	2.25	1	2.25	10.2	10.2	1

BA (HET) SEM V PO CO Attainment (IA) 2019-2020 AB CO-CURRICULAR ASSESMENT ATTAINMENTS																				
His P-V(A)			Tourism P-V(A)			ECO P-V (A)			His P-V(B)			Tourism P-V(B)			ECO P-V (B)			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1.6	1	1.6	2.8	1	2.8	2.25	1	2.25	1.4	1	1.4	2.8	1	2.8	2.5	1	2.5	13.35	13.35	1
2	1	2	2.6	1	2.6	3	1	3	2	1	2	2.6	1	2.6	2.25	1	2.25	14.45	14.45	1
2.6	1	2.6	2.4	1	2.4	2.5	1	2.5	2.6	1	2.6	2.4	1	2.4	2	1	2	14.5	14.5	1
1.4	1	1.4	1.4	1	1.4	2.75	1	2.75	1.4	1	1.4	1.4	1	1.4	2.75	1	2.75	11.1	11.1	1
2	1	2	1.8	1	1.8	2	1	2	2.2	1	2.2	1.4	1	1.4	2	1	2	11.4	11.4	1
1.4	1	1.4	2	1	2	2	1	2	1.4	1	1.4	2	1	2	2	1	2	10.8	10.8	1
1.6	1	1.6	1.6	1	1.6	1.75	1	1.75	1.6	1	1.6	1.4	1	1.4	2.25	1	2.25	10.2	10.2	1

BA (HET) SEM V PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS																				
His P-V (A)			Tourism P-V(A)			ECO P-V (A)			His P-V(B)			Tourism P-V(B)			ECO P-V (B)			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1.6	1	1.6	2.8	1	2.8	2.25	1	2.25	1.4	1	1.4	2.8	1	2.8	2.5	1	2.5	13.35	13.35	1
2	1	2	2.6	1	2.6	3	1	3	2	1	2	2.6	1	2.6	2.25	1	2.25	14.45	14.45	1
2.6	1	2.6	2.4	1	2.4	2.5	1	2.5	2.6	1	2.6	2.4	1	2.4	2	1	2	14.5	14.5	1
1.4	1	1.4	1.4	1	1.4	2.75	1	2.75	1.4	1	1.4	1.4	1	1.4	2.75	1	2.75	11.1	11.1	1
2	1	2	1.8	1	1.8	2	1	2	2.2	1	2.2	1.4	1	1.4	2	1	2	11.4	11.4	1
1.4	1	1.4	2	1	2	2	1	2	1.4	1	1.4	2	1	2	2	1	2	10.8	10.8	1
1.6	1	1.6	1.6	1	1.6	1.75	1	1.75	1.6	1	1.6	1.4	1	1.4	2.25	1	2.25	10.2	10.2	1

BA (HET) SEM VI PO CO Direct Attainment (DA) 2019-2020 AB MID SEMESTER ASSESSMENT																				
His P- Ele			Tourism Ele			ECO P- Ele			Tourism CUL-1			Tourism CUL-2			Tourism CUL-3			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	1	2	2.8	1	2.8	2.500	1.000	2.500	2.8	1	2.8	2.8	1	2.8	2.8	1	2.8	15.7	15.7	1
1.8	1	1.8	2.6	1	2.6	2.250	1.000	2.250	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	14.5	14.5	1
1.6	1	1.6	2.4	1	2.4	2.000	1.000	2.000	2.4	1	2.4	2.4	1	2.4	2.4	1	2.4	13.2	13.2	1
1.6	1	1.6	1.4	1	1.4	2.750	1.000	2.750	3	1	3	1.4	1	1.4	1.4	1	1.4	11.6	11.6	1
2.4	1	2.4	1.4	1	1.4	2.000	1.000	2.000	2.6	1	2.6	1.4	1	1.4	1.4	1	1.4	11.2	11.2	1
2	1	2	2	1	2	3.000	1.000	3.000	2	1	2	2	1	2	2	1	2	13.0	13.0	1
1.8	1	1.8	1.4	1	1.4	2.000	1.000	2.000	2.6	1	2.6	1.4	1	1.4	1.4	1	1.4	10.6	10.6	1

BA (HET) SEM VI PO CO Attainment (IA) 2019-2020 AB CO-CURRICULAR ASSESMENT ATTAINMENTS																				
His P- Ele			Tourism ELE			ECO P- Ele			Tourism CUL-1			Tourism CUL-2			Tourism CUL-3			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	1	2	2.8	1	2.8	2.500	1.000	2.500	2.8	1	2.8	2.8	1	2.8	2.8	1	2.8	15.7	15.7	1
1.8	1	1.8	2.6	1	2.6	2.250	1.000	2.250	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	14.5	14.5	1
1.6	1	1.6	2.4	1	2.4	2.000	1.000	2.000	2.4	1	2.4	2.4	1	2.4	2.4	1	2.4	13.2	13.2	1
1.6	1	1.6	1.4	1	1.4	2.750	1.000	2.750	3	1	3	1.4	1	1.4	1.4	1	1.4	11.6	11.6	1
2.4	1	2.4	1.4	1	1.4	2.000	1.000	2.000	2.6	1	2.6	1.4	1	1.4	1.4	1	1.4	11.2	11.2	1
2	1	2	2	1	2	3.000	1.000	3.000	2	1	2	2	1	2	2	1	2	13.0	13.0	1
1.8	1	1.8	1.4	1	1.4	2.000	1.000	2.000	2.6	1	2.6	1.4	1	1.4	1.4	1	1.4	10.6	10.6	1

BA (HET) SEM VI PO CO Attainment (FA) 2019-2020 AB FINAL ASSESMENT ATTAINMENTS																				
His P- Ele			Tourism Ele			ECO P- Ele			Tourism CUL-1			Tourism CUL-2			Tourism CUL-3			Weigted Sum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	1	2	2.8	1	2.8	2.500	1.000	2.500	2.8	1	2.8	2.8	1	2.8	2.8	1	2.8	15.7	15.7	1
1.8	1	1.8	2.6	1	2.6	2.250	1.000	2.250	2.6	1	2.6	2.6	1	2.6	2.6	1	2.6	14.5	14.5	1
1.6	1	1.6	2.4	1	2.4	2.000	1.000	2.000	2.4	1	2.4	2.4	1	2.4	2.4	1	2.4	13.2	13.2	1
1.6	1	1.6	1.4	1	1.4	2.750	1.000	2.750	3	1	3	1.4	1	1.4	1.4	1	1.4	11.6	11.6	1
2.4	1	2.4	1.4	1	1.4	2.000	1.000	2.000	2.6	1	2.6	1.4	1	1.4	1.4	1	1.4	11.2	11.2	1
2	1	2	2	1	2	3.000	1.000	3.000	2	1	2	2	1	2	2	1	2	13.0	13.0	1
1.8	1	1.8	1.4	1	1.4	2.000	1.000	2.000	2.6	1	2.6	1.4	1	1.4	1.4	1	1.4	10.6	10.6	1

FA	FAA							
Po'S	Sum of weighted product/ weighted sum of Pos sem-1	Sum of weighted product/ weighted sum of Pos sem-2	Sum of weighted product/ weighted sum of Pos sem-3	Sum of weighted product/ weighted sum of Pos sem-4	Sum of weighted product/ weighted sum of Pos sem-5	Sum of weighted product/ weighted sum of Pos sem-6	Average of PO's attained	% of attainment
	PO1	0.931703057	0.92984127	0.936422764	1	1	1	0.966327848
PO2	0.92	0.933728814	0.938448276	1	1	1	0.965362848	97%
PO3	0.928870293	0.939491525	0.948571429	1	1	1	0.969488874	97%
PO4	0.92245614	0.927659574	0.938448276	1	1	1	0.964760665	96%
PO5	0.927926267	0.934560669	0.934495413	1	1	1	0.966163725	97%
PO6	0.936448598	0.925438596	0.928270042	1	1	1	0.965026206	97%
PO7	0.917475728	0.916603774	0.919047619	1	1	1	0.95885452	96%

Signature of Head of the Department.

V. N. D.
 PRINCIPAL
 A.S.D. GOVT. DEGREE COLLEGE (M)
 AUTONOMOUS
 KAKINADA

A.S.D. Government Degree College for Women (A), Kakinada
Department of Commerce
2019- 2022 CO-PO Attainment

Fundamentals of Accounting I					
	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
CO6	3	3	3	3	3

BOM					
CO1	3	2	1	3	2
CO2	3	2	2	2	1
CO3	2	3	1	2	3
CO4	3	3	2	2	2
CO5	3	3	2	2	2
CO6	3	3	1	3	2
	2.83	2.67	1.5	2.33	2

Business Environment					
	PO1	PO2	PO3	PO4	PO5
CO1	3	1	2	2	3
CO2	3	2	1	2	1
CO3	3	2	3	2	1
CO4	3	3	2	3	2
CO5	3	3	2	3	2
CO6	3	3	2	2	1
	3	2.33	2	2.33	1.67

Financial Accounting					
	PO1	PO2	PO3	PO4	PO5
CO1	3	1	3	1	2
CO2	3	2	3	2	2
CO3	3	2	3	2	3
CO4	3	2	3	3	2
CO5	3	3	3	2	2
	3	2	3	2	2.2

Business Economics					
	PO1	PO2	PO3	PO4	PO5
CO1	3	1	2	2	3
CO2	3	2	1	2	1

CO3	3	2	1	2	1
CO4	3	3	2	3	1
CO5	3	1	2	3	2
CO6	3	3	2	2	1
	3	2	1.67	2.33	1.5

BTP					
	PO1	PO2	PO3	PO4	PO5
CO1	3	1	2	2	3
CO2	3	2	2	3	3
CO3	2	1	3	1	3
CO4	2	2	2	2	3
CO5	1	1	2	1	3
CO6	1	3	3		3
	2	1.67	2.33	1.8	3

Advanced Accounting					
	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3		2
CO2	3	3	3		1
CO3	3	2	2	1	2
CO4	3	3	2	3	2
CO5	3	3	3	3	2
	3	2.6	2.6	2.33	1.8

Business Statistics					
	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	1	2
CO2	3	1	3	2	2
CO3	3	2	3	2	2
CO4	2	2	2	2	2
CO5	3	3	3	2	2
CO6	3	3	3	1	3
	2.83	2.17	2.83	1.67	2.17

MARKETING					
	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3		3
CO2	3	2	3	1	2
CO3	3	2	2	3	1
CO4	3	1	3	2	2
CO5	3	3	2	3	2

C06	2	3	2	2	2
C07	3	3	3	2	1
	2.86	2.29	2.57	2.17	1.86

Corporate Accounting					
	PO1	PO2	PO3	PO4	PO5
C01	3	2	3	1	2
C02	3	2	3	2	2
C03	3	2	3	1	2
C04	2	1	3	2	2
C05	3		3	1	1
C06	3	3	3	2	1
	2.83	2	3	1.5	1.67

Cost & management Accounting					
	PO1	PO2	PO3	PO4	PO5
C01	3	2	3	1	2
C02	3	2	3	2	2
C03	3	2	3	1	2
C04	2	1	3	2	2
C05	3		3	1	1
C06	3	3	3	2	1
	2.83	2	3	1.5	1.67

BL					
	PO1	PO2	PO3	PO4	PO5
C01	3	1	2	1	1
C02	2	1	2	2	3
C03	2	3	3	2	2
C04	2	3	3	3	3
C05	3	3	2	2	3
	2.4	2.2	2.4	2	2.4

IT					
	PO1	PO2	PO3	PO4	PO5
C01	3	2	3	3	3
C02	2	2	3	2	2
C03	3	2	3	3	3
C04	3	3	3	2	3
C05	2	2	3		3
	2.6	2.2	3	2.5	2.8

AUDITNG					
	PO1	PO2	PO3	PO4	PO5
C01	3	2	2	1	2
C02	2	3	3	1	2

CO3	2	2	3	1	1
CO4	3	1	3	1	2
CO5	3	2	3	2	3
CO6	2	3	3	2	2
	2.5	2.17	2.83	1.33	2

GST					
	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	2
CO2	2	2	3	2	2
CO3	3	1	3	1	3
CO4	3	3	3	2	1
CO5	2	2	3	3	3
	2.6	2.2	3	2.2	2.2

BUSINESS LEADERSHIP					
	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	2
CO2	2	3	2	3	3
CO3	3	2	3	2	2
CO4	2	3	3	2	2
	2.5	2.5	2.5	2.5	2.25

CG					
	PO1	PO2	PO3	PO4	PO5
CO1	3	1	1		1
CO2	3	1		1	2
CO3	3	1			2
CO4	3	1		2	2
	3	1	1	1.5	1.75

PM					
	PO1	PO2	PO3	PO4	PO5
CO1	3	2	1	2	3
CO2	3	3	0	2	3
CO3	1	2	1	2	2
CO4	3	3	3	3	3
	2.5	2.5	1.25	2.25	2.75

SM					
SM	PO1	PO2	PO3	PO4	PO5
CO1	2	1	1	2	0
CO2	3	1	2	3	3
CO3	3	3	2	1	2
CO4	3	2	2	2	2
CO5	3	3	3	2	3

	2.8	2	2	2	2
ARM					
	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3		2
CO2	3	3	3		1
CO3	3	2	2	1	2
CO4	3	3	2	3	2
CO5	3	3	3	3	2
	3	2.6	2.6	2.33	1.8

SM					
SM	PO1	PO2	PO3	PO4	PO5
CO1	2	1	1	2	0
CO2	3	1	2	3	3
CO3	3	3	2	1	2
CO4	3	2	2	2	2
CO5	3	3	3	2	3
	2.8	2	2	2	2

WHM					
	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	1	2
CO2	3	1	3	2	2
CO3	3	2	3	2	2
CO4	2	2	2	2	2
CO5	3	3	3	2	2
CO6	3	3	3	1	3
	2.83	2.17	2.83	1.67	2.17

I SEM

Course	No. of Students attended	No. of Students attained			Attainment		
		DA	IA	FA	CO_DA	CO_IA	CO_FA
ACC I	111	105	111	97	0.95	1	0.87
BOM	111	109	111	104	0.98	1	0.94
BE 1	111	111	111	110	1	1	0.99
TEL	90	83	90	96	0.93	1	0.95
SAN	20	20	20	14	1	1	0.80
HIN	8	8	8	8	1	1	1.00
ENG	111	110	111	66	0.98	1	0.74
HVPE	110			104			0.95
ES	110			110			1.00

		DA	IA	FA	CO_DA	CO_IA	CO_FA
BL	94			94	0.00	0.00	1.00
CA	94	94	94	93	1.00	1.00	0.99
GST	94	94	94	93	1.00	1.00	0.99
CG	94	94	94	92	1.00	1.00	0.98
PM	94	94	94	90	1.00	1.00	0.96
SM	94	94	94	94	1.00	1.00	1.00
PRJ	94	94	94	94	1.00	1.00	1.00

VI SEM

Course	No. of Students attended	No. of Students attained	Attainment					
			DA	IA	FA	CO_DA	CO_IA	CO_FA
Tally	95				94	0.00	0.00	0.99
MRK	95	95	95		94	1.00	1.00	0.99
AUD	95	95	95		85	1.00	1.00	0.89
MA	95	95	95		93	1.00	1.00	0.98
ARM	95	95	95		95	1.00	1.00	1.00
WHM	95	95	95		94	1.00	1.00	0.99
PRJ	95	95	95		94	1.00	1.00	0.99

I SEMESTE B.Com Direct Assessment

ACC I			BOM			BE 1			ENG			TEL			SAN			HIN			HVPE			ES			Weighted sum of SEM 1		
1	2	3	4	5	6	7	8	9.00	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
3	0.95	2.85	2.83	0.98	2.77	3	1	3.00	2.5	0.98	2.45	2.25	0.93	2.09	1.75	1	1.75	2.8	1	2.80			0		0	18.13	17.72	0.98	
3	0.95	2.85	2.67	0.98	2.62	2.33	1	2.33	2.6	0.98	2.55	2.5	0.93	2.33	2.25	1	2.25	2.8	1	2.80			0		0	18.15	17.72	0.98	
3	0.95	2.85	1.5	0.98	1.47	2.17	1	2.17	2.5	0.98	2.45	1.75	0.93	1.63	1.75	1	1.75	2.6	1	2.60			0		0	15.27	14.92	0.98	
3	0.95	2.85	2.33	0.98	2.28	2.6	1	2.60	2.3	0.98	2.25	1	0.93	0.93	2.00	1	2.00	2.6	1	2.60			0		0	15.83	15.52	0.98	
3	0.95	2.85	2	0.98	1.96	2.4	1	2.40	2.6	0.98	2.55	1	0.93	0.93	1.60	1	1.60	2.8	1	2.80			0		0	15.4	15.09	0.98	

B.Com Indirect Assessment

ACC I			BOM			BE 1			ENG			TEL			SAN			HIN			HVPE			ES			Weighted sum of SEM 1		
1	2	3	4	5	6	7	8	9.00	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
3	0.87	2.61	2.83	0.94	2.66	3	0.99	2.97	2.5	0.74	1.85	2.25	0.93	2.09	1.75	1	1.75	2.8	1	2.80			0		0	18.48	13.93	0.75	
3	0.87	2.61	2.67	0.94	2.51	2.33	0.99	2.31	2.6	0.74	1.92	2.5	0.93	2.33	2.25	1	2.25	2.8	1	2.80			0		0	17.30	13.93	0.80	
3	0.87	2.61	1.5	0.94	1.41	2.17	0.99	2.15	2.5	0.74	1.85	1.75	0.93	1.63	1.75	1	1.75	2.6	1	2.60			0		0	14.32	11.40	0.80	
3	0.87	2.61	2.33	0.94	2.19	2.6	0.99	2.57	2.3	0.74	1.70	1	0.93	0.93	2.00	1	2.00	2.6	1	2.60			0		0	16.13	12.01	0.74	
3	0.87	2.61	2	0.94	1.88	2.4	0.99	2.38	2.6	0.74	1.92	1	0.93	0.93	1.60	1	1.60	2.8	1	2.80			0		0	11.80	11.32	0.96	

B.Com Final Assessment

ACC I			BOM			BE 1			ENG			TEL			SAN			HIN			HVPE			ES			Weighted sum of SEM 1		
1	2	3	4	5	6	7	8	9.00	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
3	1	3	2.83	1	2.83	3	1	3.00	2.5	1	2.50	2.25	0.93	2.09	1.75	0.8	1.40	2.8	1	2.80	2.5	0.96	2.4	2.75	1	2.75	23.73	14.82	0.62
3	1	3	2.67	1	2.67	2.33	1	2.33	2.6	1	2.60	2.5	0.93	2.33	2.25	0.8	1.80	2.8	1	2.80	2.5	0.96	2.4	2.25	1	2.25	22.05	14.73	0.67
3	1	3	1.5	1	1.50	2.17	1	2.17	2.5	1	2.50	1.75	0.93	1.63	1.75	0.8	1.40	2.6	1	2.60	2.5	0.96	2.4	2.75	1	2.75	19.57	12.20	0.62
3	1	3	2.33	1	2.33	2.6	1	2.60	2.3	1	2.30	1	0.93	0.93	2.00	0.8	1.60	2.6	1	2.60	2.5	0.96	2.4	2.25	1	2.25	20.88	12.76	0.61
3	1	3	2	1	2.00	2.4	1	2.40	2.6	1	2.60	1	0.93	0.93	1.60	0.8	1.28	2.8	1	2.80	2.25	0.96	2.16	2	1	2	16.05	12.21	0.76

II SEMESTER
Direct Assessment

ACC II			BE II			BUS ENV			ENG			TEL			SAN			HIN			ICT			CSS 1			Weighted sum of SEM 1		
1	2	3.0	4	5	6	7	8	9.0	10	11	12	13	14	15.0	16	17	18.0	19	20	21	22	23	24	25	26	27	28.0	29.0	30
3	0.99	3.0	3	1	3.00	3	1	3.0	2.3	0.97	2.23	2	0.95	1.9	1.75	0.95	1.7	2.8	1	2.8						0	17.9	17.6	0.98
3	0.99	3.0	2	1	2.00	2.33	1	2.3	2.1	0.97	2.04	2.5	0.95	2.4	2.25	0.95	2.1	2.6	1	2.6						0	16.8	16.4	0.98
3	0.99	3.0	1.67	1	1.67	2	1	2.0	2.3	0.97	2.23	1.75	0.95	1.7	1.75	0.95	1.7	2.3	1	2.3						0	14.8	14.5	0.98
2	0.99	2.0	2.33	1	2.33	2.33	1	2.3	1.83	0.97	1.78	2.5	0.95	2.4	2	0.95	1.9	2.6	1	2.6						0	15.6	15.3	0.98
2.2	0.99	2.2	1.5	1	1.50	1.67	1	1.7	2.1	0.97	2.04	2.25	0.95	2.1	1.6	0.95	1.5	2.5	1	2.5						0	13.8	13.5	0.98

Indirect Assessment

ACC II			BE II			BUS ENV			ENG			TEL			SAN			HIN			ICT			CSS 1			Weighted sum of SEM 1		
1	2	3.0	4	5	6	7	8	9.0	10	11	12	13	14	15.0	16	17	18.0	19	20	21	22	23	24	25	26	27	28.0	29.0	30
3	0.96	2.9	3	1	3.00	3	0.97	2.9	2.3	1	2.3	2	0.95	1.9	1.75	1	1.8	2.8	1	2.8			0			0	17.9	17.5	0.98
3	0.96	2.9	2	1	2.00	2.33	0.97	2.3	2.1	1	2.1	2.5	0.95	2.4	2.25	1	2.3	2.6	1	2.6			0			0	16.8	16.5	0.98
3	0.96	2.9	1.67	1	1.67	2	0.97	1.9	2.3	1	2.3	1.75	0.95	1.7	1.75	1	1.8	2.3	1	2.3			0			0	14.8	14.5	0.98
3	0.96	2.9	2.33	1	2.33	2.33	0.97	2.3	1.83	1	1.83	2.5	0.95	2.4	2	1	2.0	2.6	1	2.6			0			0	16.6	16.3	0.98
3	0.96	2.9	1.5	1	1.50	1.67	0.97	1.6	2.1	1	2.1	2.25	0.95	2.1	1.6	1	1.6	2.5	1	2.5			0			0	14.6	14.3	0.98

Final Assessment

ACC II			BE II			BUS ENV			ENG			TEL			SAN			HIN			ICT			CSS 1			Weighted sum of SEM 1		
1	2	3.0	4	5	6	7	8	9.0	10	11	12	13	14	15.0	16	17	18.0	19	20	21	22	23	24	25	26	27	28.0	29.0	30
3	0.97	2.9	2.83	0.78	2.21	3	1	3.0	2.3	0.96		2	0.95	1.9	1.75	0.96	1.7	2.8	1	2.8	3	1	3	3	1	3	23.7	20.5	0.87
3	0.97	2.9	2.67	0.78	2.08	2.33	1	2.3	2.1	0.96		2.5	0.95	2.4	2.25	0.96	2.2	2.6	1	2.6	3	1	3	3	1	3	23.5	20.5	0.87
3	0.97	2.9	1.5	0.78	1.17	2.17	1	2.2	2.3	0.96		1.75	0.95	1.7	1.75	0.96	1.7	2.3	1	2.3	3	1	3	3	1	3	20.8	17.9	0.86
3	0.97	2.9	2.33	0.78	1.82	2.6	1	2.6	1.83	0.96		2.5	0.95	2.4	2	0.96	1.9	2.6	1	2.6	3	1	3	3	1	3	22.9	20.2	0.88
3	0.97	2.9	2	0.78	1.56	2.4	1	2.4	2.1	0.96		2.25	0.95	2.1	1.6	0.96	1.5	2.5	1	2.5	3	1	3	3	1	3	21.9	19.0	0.87

III SEMESTER

Direct Assessment

Corporate Accountng			Business Statistics			BTP			ENG			TEL			SAN			HIN			ICT			CSS			Weighted sum of SEM 1		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2.83	0.99	2.87	2.83	1	2.83	2	1	2	2.25	0.95	2.14	2.25	0.97	2.18	1.75	0.73	1.28	2.5	1	2.5							16.41	15.73	0.96
2	0.99	1.98	2.17	1	2.17	1.67	1	1.67	2.5	0.95	2.38	2.5	0.97	2.43	2.25	0.73	1.64	2.6	1	2.6							15.69	14.86	0.95
3	0.99	2.97	2.83	1	2.83	2.33	1	2.33	2	0.95	1.90	2	0.97	1.94	1.75	0.73	1.28	2.6	1	2.6							16.51	15.85	0.96
1.5	0.99	1.48 5	1.67	1	1.67	1.87	1	1.87	2.5	0.95	2.38	2.5	0.97	2.43	2	0.73	1.46	2.3	1	2.3							14.34	13.59	0.95
1.67	0.99	1.65	2.17	1	2.17	1.3	1	1.3	2.25	0.95	2.14	2.25	0.97	2.18	1.6	0.73	1.16	2.6	1	2.6							13.84	13.21	0.95

Indirect Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2.83	0.96	2.72	2.83	1	2.83	3	0.97	2.91	2.25	1	2.25	2.2 5	1	2.25	1.75	1	1.75	2.5	1	2.5							17.41	13.10	0.75
2	0.96	1.92	2.67	1	2.67	2.3 3	0.97	2.26	2.5	1	2.50	2.5	1	2.50	2.25	1	2.25	2.6	1	2.6							16.85	12.62	0.75
3	0.96	2.88	1.5	1	1.50	2.1 7	0.97	2.19	2	1	2.00	2	1	2.00	1.75	1	1.75	2.6	1	2.6							15.02	12.62	0.84
1.5	0.96	1.44	2.33	1	2.33	2.6	0.97	2.52 2	2.5	1	2.50	2.5	1	2.50	2	1	2	2.3	1	2.3							15.73	13.10	0.83
1.67	0.96	1.6	2	1	2.00	2.4	0.97	2.33	2.25	1	2.25	2.2 5	1	2.25	1.6	1	1.6	2.6	1	2.6							14.77	6.31	0.43

Final Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2.83	0.97	2.745 1	2.83	1	2.83	2	1	2	2.25	0.83	1.87	2.2 5	1	2.25	1.75	1	1.7	2.5	1	2.5	3	1	3	3	1	3	22.4 1	21.9 4	0.98
2	0.97	1.94	2.17	1	2.17	1.6 7	1	1.67	2.5	0.83	2.08	2.5	1	2.50	2.25	1	2.2	2.6	1	2.6	3	1	3	3	1	3	21.6 9	21.2 1	0.98
3	0.97	2.91	2.83	1	2.83	2.3 3	1	2.33	2	0.83	1.66	2	1	2.00	1.75	1	1.7	2.6	1	2.6	3	1	3	3	1	3	22.5 1	22.0 8	0.98
1.5	0.97	1.455	1.67	1	1.67	1.8 7	1	1.87	2.5	0.83	2.08	2.5	1	2.50	2	1	2	2.3	1	2.3	3	1	3	3	1	3	20.3 4	19.8 7	0.98

1.67	0.97	1.619	2.17	1	2.17	1.3	1	1.3	2.25	0.83	1.87	2.2	1	2.25	1.6	1	1.6	2.6	1	2.6	3	1	3	3	1	3	19.8	19.4	0.98
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IV SEMESTER

Direct Assessment

ASO	BL				IT				CSS				AS				ED				LS				Weighted sum of SEM 1		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
3	1	3	2.4	0.99	2.38	2	1	2													7.4	7.38	1.00				
2.6	1	2.6	2.2	0.99	2.18	1.67	1	1.67													6.47	6.45	1.00				
2.6	1	2.6	2.4	0.99	2.38	2.33	1	2.33													7.33	7.31	1.00				
2.33	1	2.33	2	0.99	1.98	1.8	1	1.8													6.13	6.11	1.00				
1.8	1	1.8	2.4	0.99	2.38	3	1	3													7.2	7.18	1.00				

Indirect Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18.00	19	20	21	22	23	24
3	1	3	2.4	1	2.40	2	1	2													7.4	7.40	1.00
2.6	1	2.6	2.2	1	2.20	1.67	1	1.67													6.47	6.47	1.00
2.6	1	2.6	2.4	1	2.40	2.33	1	2.33													7.33	7.33	1.00
2.33	1	2.33	2	1	2.00	1.8	1	1.8													6.13	6.13	1.00
1.8	1	1.8	2.4	1	2.40	3	1	3													7.2	7.20	1.00

Final Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18.00	19	20	21	22	23	24
3	0.77	2.31	2.4	1	2.40	2	1	2	3	0.94	2.82	3	1	3	2.5	0.95	2.38	2.5	1	2.5	18.4	17.41	0.95
2.6	0.77	2.002	2.2	1	2.20	1.67	1	1.67	3	0.94	2.82	3	1	3	2.5	0.95	2.38	2.5	1	2.5	17.47	16.57	0.95
2.6	0.77	2.002	2.4	1	2.40	2.33	1	2.33	3	0.94	2.82	3	1	3	2.5	0.95	2.38	2.5	1	2.5	18.33	17.43	0.95
2.33	0.77	1.7941	2	1	2.00	1.8	1	1.8	3	0.94	2.82	3	1	3	2.5	0.95	2.38	2.5	1	2.5	17.13	16.29	0.95
1.8	0.77	1.386	2.4	1	2.40	3	1	3	3	0.94	2.82	3	1	3	2.25	0.95	2.14	2.25	1	2.25	17.7	16.99	0.96

V SEMESTER

Direct Assessment

Business Leadership	Cost Accounting	GST Fundamentals	Commercial Geography	Purchase Management	Stores Management	Project	Weighted sum of
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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.5	0	0	2.83	1	2.83	2.6	1	2.6	3	1	3	2.5	1	2.5	2.8	1	2.8	3	1	3	19.23	16.73	0.87
2.5	10	0	2	1	2.00	2.2	1	2.2	1	1	1	2.5	1	2.5	2	1	2	3	1	3	15.2	12.70	0.84
2.5	0	0	3	1	3.00	3	1	3	1	1	1	1.25	1	1.25	2	1	2	3	1	3	15.75	13.25	0.84
2.5	0	0	1.5	1	1.50	2.2	1	2.2	1.5	1	1.5	2.25	1	2.25	2	1	2	3	1	3	14.95	12.45	0.83
2.25	0	0	1.67	1	1.67	2.2	1	2.2	1.75	1	1.75	2.75	1	2.75	2	1	2	3	1	3	15.62	13.37	0.86

Indirect Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.5	0	0	2.83	1	2.83	2.6	1	2.6	3	1	3	2.5	1	2.5	2.8	1	2.8	3	1	3	19.23	16.73	0.87
2.5	0	0	2	1	2.00	2.2	1	2.2	1	1	1	2.5	1	2.5	2	1	2	3	1	3	15.2	12.70	0.84
2.5	0	0	3	1	3.00	3	1	3	1	1	1	1.25	1	1.25	2	1	2	3	1	3	15.75	13.25	0.84
2.5	0	0	1.5	1	1.50	2.2	1	2.2	1.5	1	1.5	2.25	1	2.25	2	1	2	3	1	3	14.95	12.45	0.83
2.25	0	0	1.67	1	1.67	2.2	1	2.2	1.75	1	1.75	2.75	1	2.75	2	1	2	3	1	3	15.62	13.37	0.86

Final Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.5	1	2.5	2.83	1	2.83	2.6	0.73	1.898	3	1	3	2	1	2	2.6	0.8	2.08	2.75	1	2.75	18.28	17.06	0.93
2.5	1	2.5	2	1	2.00	2.2	0.73	1.606	1	1	1	1.67	1	1.67	2.2	0.8	1.76	2.75	1	2.75	11.57	13.29	1.15
2.5	1	2.5	3	1	3.00	3	0.73	2.19	1	1	1	2.33	1	2.33	2.4	0.8	1.92	2.75	1	2.75	14.23	15.69	1.10
2.5	1	2.5	1.5	1	1.50	2.5	0.73	1.825	1.5	1	1.5	1.88	1	1.88	2	0.8	1.6	2	1	2	11.88	12.81	1.08
2.25	1	2.25	1.67	1	1.67	2.8	0.73	2.044	1.75	1	1.75	3	1	3	1.6	0.8	1.28	2	1	2	13.07	13.99	1.07

VI SEMESTER

Direct Assessment

Tally			Marketing			Auditing			Management Accounting			ARM			WHM			Project			Weighted sum of SEM				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
2.5	0	0	2.86	0.99	2.83	2.5	0.89	2.225	2.86	0.98	2.802	3	1	3	2.83	0.99	2.801	3	0.99	2.97	19.55	16.63	0.85		
2.5	0	0	2.29	0.99	2.27	2.17	0.89	1.931	2.29	0.98	2.244	2	1	2.6	2.17	0.99	2.148	3	0.99	2.97	17.02	14.16	0.83		
2.5	0	0	2.57	0.99	2.54	2.83	0.89	2.518	2.57	0.98	2.518	7	2.6	1	2.6	2.83	0.99	2.801	7	3	0.99	2.97	18.9	15.95	0.84
2.5	0	0	2.17	0.99	2.15	1.33	0.89	1.183	2.17	0.98	2.126	7	2.33	1	2.33	1.67	0.99	1.653	3	3	0.99	2.97	15.17	12.41	0.82

2.25	0	0	1.86	0.99	1.84	2	0.89	1.78	1.86	0.98	1.822 8	1.8	1	1.8	2.17	0.99	2.148 3	3	0.99	2.97	14.94	12.36	0.83
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Indirect Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.5	0	0	2.86	0.99	2.83	2.5	0.89	2.225	2.86	0.98	2.8028	3	1	3	2.83	0.99	2.8017	3	0.99	2.97	19.55	16.63	0.85
2.5	0	0	2.29	0.99	2.27	2.17	0.89	1.9313	2.29	0.98	2.2442	2.6	1	2.6	2.17	0.99	2.1483	3	0.99	2.97	17.02	14.16	0.83
2.5	0	0	2.57	0.99	2.54	2.83	0.89	2.5187	2.57	0.98	2.5186	2.6	1	2.6	2.83	0.99	2.8017	3	0.99	2.97	18.9	15.95	0.84
2.5	0	0	2.17	0.99	2.15	1.33	0.89	1.1837	2.17	0.98	2.1266	2.6	1	2.6	1.67	0.99	1.6533	3	0.99	2.97	15.44	12.68	0.82
2.25	0	0	1.86	0.99	1.84	2	0.89	1.78	1.86	0.98	1.8228	1.8	1	1.8	2.17	0.99	2.1483	3	0.99	2.97	14.94	12.36	0.83

Final Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.5	0.99	2.475	2.86	0.99	2.83	2.5	0.89	2.225	2.86	0.98	2.8028	3	1	3	2.83	0.99	2.8017	3	0.99	2.97	19.55	19.11	0.98
2.5	0.99	2.475	2.29	0.99	2.27	2.17	0.89	1.9313	2.29	0.98	2.2442	2.6	1	2.6	2.17	0.99	2.1483	3	0.99	2.97	17.02	16.64	0.98
2.5	0.99	2.475	2.57	0.99	2.54	2.83	0.89	2.5187	2.57	0.98	2.5186	2.6	1	2.6	2.83	0.99	2.8017	3	0.99	2.97	18.9	18.43	0.98
2.5	0.99	2.475	2.17	0.99	2.15	1.33	0.89	1.1837	2.17	0.98	2.1266	2.6	1	2.6	1.67	0.99	1.6533	3	0.99	2.97	15.44	15.16	0.98
2.25	0.99	2.2275	1.86	0.99	1.84	2	0.89	1.78	1.86	0.98	1.8228	1.8	1	1.8	2.17	0.99	2.1483	3	0.99	2.97	14.94	14.59	0.98

B.Com General 2019-21 Admitted batch Programme attainment

SEM I				SEM II				SEM III				SEM IV				SEM V				SEM VI				Final attainment
0.98	0.75	0.62	0.79	0.98	0.98	0.87	0.94	1.09	0.75	0.98	0.94	0.96	1.00	0.95	0.97	0.87	0.87	0.86	0.87	0.85	0.85	0.98	0.89	0.90
0.98	0.80	0.67	0.82	0.98	0.98	0.87	0.94	1.08	0.75	0.98	0.94	0.96	1.00	0.95	0.97	0.84	0.84	0.82	0.83	0.83	0.83	0.98	0.88	0.90
0.98	0.80	0.62	0.80	0.98	0.98	0.86	0.94	1.09	0.84	0.98	0.97	0.99	1.00	0.95	0.98	0.84	0.84	0.83	0.84	0.84	0.84	0.98	0.89	0.90
0.98	0.74	0.61	0.78	0.98	0.98	0.88	0.95	1.07	0.83	0.98	0.96	0.98	1.00	0.95	0.98	0.83	0.83	0.82	0.83	0.82	0.82	0.98	0.87	0.89
0.98	0.96	0.76	0.90	0.98	0.98	0.87	0.94	1.08	0.43	0.98	0.83	0.85	1.00	0.96	0.94	0.86	0.86	0.84	0.85	0.83	0.83	0.98	0.88	0.89

V. Ananta Laldegi

Signature of the Principal

PRINCIPAL
A.S.D.GOV.T.DEGREE COLLEGE (W)
AUTONOMOUS
KAKINADA

A.S.D. Government Degree College for Women (A), Kakinada

Department of Commerce

B.Com Computer Application - PO_CO mapping & Attainment

Accounting I					
	PO1	PO2	PO3	PO4	PO5
C01	3	3	3	3	3
C02	3	3	3	3	3
C03	3	3	3	3	3
C04	3	3	3	3	3
C05	3	3	3	3	3
C06	3	3	3	3	3
Total/ Average	3	3	3	3	3

BOM					
C01	3	2	1	3	2
C02	3	2	2	2	1
C03	2	3	1	2	3
C04	3	3	2	2	2
C05	3	3	2	2	2
C06	3	3	1	3	2
	2.83	2.67	1.5	2.33	2

Accounting II					
	PO1	PO2	PO3	PO4	PO5
C01	3	1	3	1	2
C02	3	2	3	2	2
C03	3	2	3	2	3
C04	3	2	3	3	2
C05	3	3	3	2	2
	3	2	3	2	2.2

BE 2					
	PO1	PO2	PO3	PO4	PO5
C01	3	1	2	2	3
C02	3	2	1	2	1
C03	3	2	1	2	1
C04	3	3	2	3	1
C05	3	1	2	3	2
C06	3	3	2	2	1
	3	2	1.67	2.33	1.5

Business Environment					
	PO1	PO2	PO3	PO4	PO5
C01	3	1	2	2	3
C02	3	2	1	2	1
C03	3	2	3	2	1
C04	3	3	2	3	2

C05	3	3	2	3	2
C06	3	3	2	2	1
	3	2.33	2	2.33	1.67

ASO					
	PO1	PO2	PO3	PO4	PO5
C01	3	2	3		2
C02	3	3	3		1
C03	3	2	2	1	2
C04	3	3	2	3	2
C05	3	3	3	3	2
	3	2.6	2.6	2.33	1.8

BL					
	PO1	PO2	PO3	PO4	PO5
C01	3	1	2	1	1
C02	2	1	2	2	3
C03	2	3	3	2	2
C04	2	3	3	3	3
C05	3	3	2	2	3
	2.4	2.2	2.4	2	2.4

IT					
	PO1	PO2	PO3	PO4	PO5
C01	3	2	3	3	3
C02	2	2	3	2	2
C03	3	2	3	3	3
C04	3	3	3	2	3
C05	2	2	3		3
	2.6	2.2	3	2.5	2.8

Corporate Accounting					
	PO1	PO2	PO3	PO4	PO5
C01	3	2	3	1	2
C02	3	2	3	2	2
C03	3	2	3	1	2
C04	2	1	3	2	2
C05	3		3	1	1
C06	3	3	3	2	1
	2.83	2	3	1.5	1.67

Business Statistics					
	PO1	PO2	PO3	PO4	PO5
C01	3	2	3	1	2
C02	3	1	3	2	2
C03	3	2	3	2	2
C04	2	2	2	2	2

C05	3	3	3	2	2
C06	3	3	3	1	3
	2.83	2.17	2.83	1.67	2.17

BUSINESS LEADERSHIP

	PO1	PO2	PO3	PO4	PO5
C01	3	2	2	3	2
C02	2	3	2	3	3
C03	3	2	3	2	2
C04	2	3	3	2	2
	2.5	2.5	2.5	2.5	2.25

C

	PO1	PO2	PO3	PO4	PO5
C01	3	2	3	1	2
C02	3	2	3	2	2
C03	3	2	3	1	2
C04	2	1	3	2	2
C05	3		3	1	1
C06	3	3	3	2	1
	2.83	2	3	1.5	1.67

GST

	PO1	PO2	PO3	PO4	PO5
C01	3	3	3	3	2
C02	2	2	3	2	2
C03	3	1	3	1	3
C04	3	3	3	2	1
C05	2	2	3	3	3
	2.6	2.2	3	2.2	2.2

CG

	PO1	PO2	PO3	PO4	PO5
C01	3	1	1		1
C02	3	1		1	2
C03	3	1			2
C04	3	1		2	2
	3	1	1	1.5	1.75

EVENT MANAGEMENT

	PO1	PO2	PO3	PO4	PO5
C01	3	1	1	3	2
C02	2	3	2	3	3
C03	3	2	1	2	2
C04	2	3	1	2	2

	2.5	2.25	1.25	2.5	2.25
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MARKETING					
	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3		3
CO2	3	2	3	1	2
CO3	3	2	2	3	1
CO4	3	1	3	2	2
CO5	3	3	2	3	2
CO6	2	3	2	2	2
CO7	3	3	3	2	1
	2.86	2.29	2.57	2.17	1.86

MANAGEMENT ACCOUNTING					
	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3		3
CO2	3	2	3	1	2
CO3	3	2	2	3	1
CO4	3	1	3	2	2
CO5	3	3	2	3	2
CO6	2	3	2	2	2
CO7	3	3	3	2	1
	2.86	2.29	2.57	2.17	1.86

I SEM

Course	No. of Students attended	No. of Students attained	Attainment					
			DA	IA	FA	CO_DA	CO_IA	CO_FA
ACC II	27	26	27	24		0.96	1.00	0.89
BOM	27	27	27	27		1	1	1
CFP	27	27	27	26		1	1	0.96
TEL	16	16	16	15		1	1	0.93
SAN	8	8	8	8		1	1	1.00
HIN	3	3	3	3		1	1	1
ENG	27	27	27	27		1	1	1
HVPE	27			26				0.96
ES	27			26				0.96

II SEMESTER

Course	No. of Students attended	No. of Students attained	Attainment					
			DA	IA	FA	CO_DA	CO_IA	CO_FA
ACC II	27	25	27	24		0.9	1.00	0.89

B.ENV	27	27	27	27	1.0	1.00	1.00
ERP	27	25	27	27	0.9	1.00	1.00
TEL	16				1.0	1.00	1.00
SAN	8	8	8	8	1.0	1.00	1.00
HIN	3	3	3	3	1.0	1.00	1.00
ENG	108	108	108	108	1.0	1.00	1.00
ICT	27			27	1.0		
CSS1	27			27	1.0	1	1.00

III SEM

Course	No. of Students attended	No. of Students attained	Attainment				
			DA	IA	FA	CO_DA	CO_IA
CA	27	25	27	26	0.93	1.00	0.96
BS	27	27	27	26	1.00	1.00	0.96
OAT	26	25	26	26	0.96	1.00	1.00
TEL	16	16	16	16	1.00	1.00	1.00
SAN	8	7	8	8	0.87	1.00	1.00
HIN	3	3	3	3	1.00	1.00	1.00
ENG	27	27	27	96	0.95	1	1
ICT	27			27	1.00	1.00	1.00
CSS	27			27	1.00	1.00	1.00

IV SEM

Course	No. of Students attended	No. of Students attained	Attainment				
			DA	IA	FA	CO_DA	CO_IA
ASO	26	26	26	18	1.00	1.00	0.69
BL	26	26	26	26	1.00	1.00	1.00
Prog in c	26	25	26	26	0.96	1.00	1.00
CSS	26			25			0.96
AS	26			26			1.00
ED	26			26			1.00
LS	26			26			1.00

V SEM

Course	No. of Students attended	No. of Students attained	Attainment				
			DA	IA	FA	CO_DA	CO_IA
BL	26			26	0.00	0.00	1.00
CA	26	26	26	26	1.00	1.00	1.00
TAXATION	26	26	26	19	1.00	1.00	0.73
CG	26	26	26	26	1.00	1.00	1.00

BTP	26	26	26	26	1.00	1.00	1.00
DBMS	26	26	26	21	1.00	1.00	0.80
Web Tech	26	24	26	26	0.92	1.00	1.00

VI SEM

Course	No. of Students attended	No. of Students attained	Attainment					
			DA	IA	FA	CO_DA	CO_IA	CO_FA
EVENT	26				26	0.00	0.00	1.00
MRK	26	26	26	26	26	1.00	1.00	1.00
MA	26	26	26	26	26	1.00	1.00	1.00
Tally	26	26	26	26	26	1.00	1.00	1.00
BTP	26	26	26	26	26	1.00	1.00	1.00
E Com	26	24	26	26	26	0.92	1.00	1.00
PRJ	26	26	26	26	26	1.00	1.00	1.00

I SEM - Direct Assessment

ACCI			BOM			CFP			ENG			TEL			SAN			HIN			HVPE			ES			Weighted sum of SEM 1		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28.00	29	30
3	0.96	2.88	2.83	1	2.83	2.8	1	2.80	2.5	1	2.50	2.25	0.93	2.09	1.75	1	1.75	2.8	1	2.80			0			0	18.28	14.85	0.81
3	0.96	2.88	2.67	1	2.67	1.8	1	1.80	2.6	1	2.60	2.5	0.93	2.33	2.25	1	2.25	2.8	1	2.80			0			0	16.77	14.53	0.87
3	0.96	2.88	1.5	1	1.50	2	1	2.00	2.5	1	2.50	1.75	0.93	1.63	1.75	1	1.75	2.6	1	2.60			0			0	14.15	12.26	0.87
3	0.96	2.88	2.33	1	2.33	1.8	1	1.80	2.3	1	2.30	1	0.93	0.93	2.00	1	2.00	2.6	1	2.60			0			0	15.33	12.24	0.80
3	0.96	2.88	2	1	2.00	1.8	1	1.80	2.6	1	2.60	1	0.93	0.93	1.60	1	1.60	2.8	1	2.80			0			0	11.20	11.81	1.05

I SEMESTER - Indirect Assessment

1	2	3	4	5	6	7	8	9.00	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28.00	29	30
3	1	3	2.83	1	2.83	2.8	1	2.8	2.5	1	2.50	2.25	0.93	2.09	1.75	1	1.75	2.8	1	2.80			0			0	18.28	14.97	0.82
3	1	3	2.67	1	2.67	1.8	1	1.8	2.6	1	2.60	2.5	0.93	2.33	2.25	1	2.25	2.8	1	2.80			0			0	16.77	14.65	0.87
3	1	3	1.5	1	1.50	2	1	2	2.5	1	2.50	1.75	0.93	1.63	1.75	1	1.75	2.6	1	2.60			0			0	14.15	12.38	0.87
3	1	3	2.33	1	2.33	1.8	1	1.8	2.3	1	2.30	1	0.93	0.93	2.00	1	2.00	2.6	1	2.60			0			0	15.33	12.36	0.81
3	1	3	2	1	2.00	1.8	1	1.8	2.6	1	2.60	1	0.93	0.93	1.60	1	1.60	2.8	1	2.80			0			0	11.20	11.93	1.07

I SEMESTER - Final Assessment

1	2	3	4	5	6	7	8	9.00	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28.00	29	30
3	0.89	2.67	2.83	1	2.83	2.8	0.96	2.69	2.5	1	2.50	2.25	0.93	2.09	1.75	0.94	1.65	2.8	1	2.80	2.5	0.96	2.4	2.75	1	2.75	23.53	14.43	0.61
3	0.89	2.67	2.67	1	2.67	1.8	0.96	1.73	2.6	1	2.60	2.5	0.93	2.33	2.25	0.94	2.12	2.8	1	2.80	2.5	0.96	2.4	2.25	1	2.25	21.52	14.11	0.66
3	0.89	2.67	1.5	1	1.50	2	0.96	1.92	2.5	1	2.50	1.75	0.93	1.63	1.75	0.94	1.65	2.6	1	2.60	2.5	0.96	2.4	2.75	1	2.75	19.40	11.86	0.61
3	0.89	2.67	2.33	1	2.33	1.8	0.96	1.73	2.3	1	2.30	1	0.93	0.93	2.00	0.94	1.88	2.6	1	2.60	2.5	0.96	2.4	2.25	1	2.25	20.08	11.84	0.59
3	0.89	2.67	2	1	2.00	1.8	0.96	1.73	2.6	1	2.60	1	0.93	0.93	1.60	0.94	1.50	2.8	1	2.80	2.25	0.96	2.16	2	1	2	15.45	11.43	0.74

II SEMESTER - Direct Assessment

ACC II			BE II			ERP			ENG			TEL			SAN			HIN			ICT			CSS 1			Weighted sum of SEM 1		
1	2	3.0	4	5	6	7	8	9.0	10	11	12	13	14	15.0	16	17	18.0	19	20	21	22	23	24	25	26	27	28.0	29.0	30
3	0.93	2.8	2.83	1	2.83	2.6	0.92	2.4	2.3	1	2.3	2	0.92	2.4	1.75	1	1.8	2.8	1	2.8			0			0	17.3	17.3	1.00
3	0.93	2.8	2.67	1	2.67	1.2	0.92	1.1	2.1	1	2.1	2.5	0.92	1.1	2.25	1	2.3	2.6	1	2.6			0			0	16.3	14.6	0.90

3	0.93	2.8	1.5	1	1.50	1.4	0.92	1.3	2.3	1	2.3	1.75	0.92	1.3	1.75	1	1.8	2.3	1	2.3			0			0	14.0	13.2	0.94
3	0.93	2.8	2.33	1	2.33	1.6	0.92	1.5	1.83	1	1.83	2.5	0.92	1.5	2	1	2.0	2.6	1	2.6			0			0	15.9	14.5	0.91
3	0.93	2.8	2	1	2.00	1.8	0.92	1.7	2.1	1	2.1	2.25	0.92	1.7	1.6	1	1.6	2.5	1	2.5			0			0	15.3	14.3	0.94

II SEMESTER Indirect Assessment

1	2	3.0	4	5	6	7	8	9.0	10	11	12	13	14	15.0	16	17	18.0	19	20	21	22	23	24	25	26	27	28.0	29.0	30
3	0.89	2.7	2.83	1	2.83	2.6	1	2.6	2.3	1	2.3	2	1	2.0	1.75	1	1.8	2.8	1	2.8			0			0	17.3	17.0	0.98
3	0.89	2.7	2.67	1	2.67	1.2	1	1.2	2.1	1	2.1	2.5	1	2.5	2.25	1	2.3	2.6	1	2.6			0			0	16.3	16.0	0.98
3	0.89	2.7	1.5	1	1.50	1.4	1	1.4	2.3	1	2.3	1.75	1	1.8	1.75	1	1.8	2.3	1	2.3			0			0	14.0	13.7	0.98
3	0.89	2.7	2.33	1	2.33	1.6	1	1.6	1.83	1	1.83	2.5	1	2.5	2	1	2.0	2.6	1	2.6			0			0	15.9	15.5	0.98
3	0.89	2.7	2	1	2.00	1.8	1	1.8	2.1	1	2.1	2.25	1	2.3	1.6	1	1.6	2.5	1	2.5			0			0	15.3	14.9	0.98

II SEMESTER - Final Assessment

1	2	3.0	4	5	6	7	8	9.0	10	11	12	13	14	15.0	16	17	18.0	19	20	21	22	23	24	25	26	27	28.0	29.0	30
3	1	3.0	2.83	1	2.83	2.6	1	2.6	2.3	1	2.3	2	1	2.0	1.75	1	1.8	2.8	1	2.8	3	1	3	3	1	3	23.3	23.3	1.00
3	1	3.0	2.67	1	2.67	1.2	1	1.2	2.1	1	2.1	2.5	1	2.5	2.25	1	2.3	2.6	1	2.6	3	1	3	3	1	3	22.3	22.3	1.00
3	1	3.0	1.5	1	1.50	1.4	1	1.4	2.3	1	2.3	1.75	1	1.8	1.75	1	1.8	2.3	1	2.3	3	1	3	3	1	3	20.0	20.0	1.00
3	1	3.0	2.33	1	2.33	1.6	1	1.6	1.83	1	1.83	2.5	1	2.5	2	1	2.0	2.6	1	2.6	3	1	3	3	1	3	21.9	21.9	1.00
3	1	3.0	2	1	2.00	1.8	1	1.8	2.1	1	2.1	2.25	1	2.3	1.6	1	1.6	2.5	1	2.5	3	1	3	3	1	3	21.3	21.3	1.00

III SEMESTER - Direct Assessment

Corporate Accountng		Business Statistics				OAT			ENG				TEL		SAN			HIN			ICT				CSS		Weighted sum of SEM 1		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2.8	0.9	2.6	2.8		2.8		0.9	2.4	2.2	0.9	2.1	2.2		2.2		0.8	1.5										17.	12.	0.7
3	3	319	3	1	3	2.6	6	96	5	5	4	5	1	5	1.75	7	225	2.5	1	2.5							01	35	3
	0.9	1.8	2.1		2.1		0.9	1.9		0.9	2.3			2.5		0.8	1.9										16.	11.	0.7
2	3	6	7	1	7	2	6	2	2.5	5	8	2.5	1	0	2.25	7	575	2.6	1	2.6							02	90	4
	0.9	2.7	2.8		2.8		0.9	2.3		0.9	1.9			2.0		0.8	1.5										16.	11.	0.7
3	3	9	3	1	3	2.4	6	04	2	5	0	2	1	0	1.75	7	225	2.6	1	2.6						58	90	2	

1.5	0.9	1.3	1.6	1	1.6	1.6	0.9	1.5	2.5	0.9	2.3	2.5	1	2.5	2	0.8	1.7	2.3	1	2.3									14.	12.	0.8		
7	3	95	7	1	7	7	6	36	5	6	8	5	5	4	5	1	5	1.6	7	92	2.6	1	2.6								07	35	8
1.6	0.9	1.5	2.1	1	2.1	1.6	0.9	1.5	2.2	0.9	2.1	2.2	1	2.2	1.6	0.8	1.3	2.6	1	2.6									14.	5.9	0.4		
7	3	531	7	1	7	7	6	36	5	5	4	5	1	5	1.6	7	92	2.6	1	2.6								14	5	2			

III SEMESTER - Indirect Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2.83	0.93	2.6319	2.83	1	2.83	2.6	0.96	2.496	2.25	1	2.25	2.25	1	2.25	1.75	1	1.75	2.5	1	2.5							17.01	16.71	0.98
2	0.93	1.86	2.17	1	2.17	2	0.96	1.92	2.5	1	2.50	2.5	1	2.50	2.25	1	2.25	2.6	1	2.6							16.02	13.16	0.82
3	0.93	2.79	2.83	1	2.83	2.4	0.96	2.304	2	1	2.00	2	1	2.00	1.75	1	1.75	2.6	1	2.6							16.58	12.68	0.76
1.5	0.93	1.395	1.67	1	1.67	1.6	0.96	1.536	2.5	1	2.50	2.5	1	2.50	2	1	2	2.3	1	2.3							14.07	12.68	0.90
1.67	0.93	1.5531	2.17	1	2.17	1.6	0.96	1.536	2.25	1	2.25	2.25	1	2.25	1.6	1	1.6	2.6	1	2.6							14.14	13.16	0.93

III SEMESTER - Final Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2.83	0.96	2.7168	2.83	0.96	2.72	2.6	1	2.6	2.25	1	2.25	2.25	1	2.25	1.75	1	1.75	2.5	1	2.5	3	1	3	3	1	3	23.01	13.50	0.59
2	0.96	1.92	2.17	0.96	2.08	2	1	2	2.5	1	2.50	2.5	1	2.50	2.25	1	2.25	2.6	1	2.6	3	1	3	3	1	3	22.02	13.00	0.59
3	0.96	2.88	2.83	0.96	2.72	2.4	1	2.4	2	1	2.00	2	1	2.00	1.75	1	1.75	2.6	1	2.6	3	1	3	3	1	3	22.58	13.00	0.58
1.5	0.96	1.44	1.67	0.96	1.60	1.6	1	1.6	2.5	1	2.50	2.5	1	2.50	2	1	2	2.3	1	2.3	3	1	3	3	1	3	20.07	13.50	0.67
1.67	0.96	1.6032	2.17	0.96	2.08	1.6	1	1.6	2.25	1	2.25	2.25	1	2.25	1.6	1	1.6	2.6	1	2.6	3	1	3	3	1	3	20.14	6.50	0.32

IV SEMESTER - Direct Assessment

ASO			BL							CSS			AS			ED			LS			Weighted sum of SEM 1		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18.00	19	20	21	22	23	24	
3	1	3	2.4	1	2.40	3	0.96	2.88														8.4	8.28	0.99
2.6	1	2.6	2.2	1	2.20	2	0.96	1.92														6.8	6.72	0.99
2.6	1	2.6	2.4	1	2.40	2	0.96	1.92														7	6.92	0.99
2.33	1	2.33	2	1	2.00	1.5	0.96	1.44														5.83	5.77	0.99
1.8	1	1.8	2.4	1	2.40	2	0.96	1.92														6.2	6.12	0.99

IV SEMESTER - Indirect Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18.00	19	20	21	22	23	24
3	1	3	2.4	1	2.40	3	1	3													8.4	8.40	1.00
2.6	1	2.6	2.2	1	2.20	2	1	2													6.8	6.80	1.00
2.6	1	2.6	2.4	1	2.40	2	1	2													7	7.00	1.00
2.33	1	2.33	2	1	2.00	1.5	1	1.5													5.83	5.83	1.00
1.8	1	1.8	2.4	1	2.40	2	1	2													6.2	6.20	1.00

IV SEMESTER - Final Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18.00	19	20	21	22	23	24
3	0.69	2.07	2.4	1	2.40	3	1	3	3	0.94	2.82	3	1	3	2.5	0.95	2.38	2.5	1	2.5	19.4	18.17	0.94
2.6	0.69	1.794	2.2	1	2.20	2	1	2	3	0.94	2.82	3	1	3	2.5	0.95	2.38	2.5	1	2.5	17.8	16.69	0.94
2.6	0.69	1.794	2.4	1	2.40	2	1	2	3	0.94	2.82	3	1	3	2.5	0.95	2.38	2.5	1	2.5	18	16.89	0.94
2.33	0.69	1.6077	2	1	2.00	1.5	1	1.5	3	0.94	2.82	3	1	3	2.5	0.95	2.38	2.5	1	2.5	16.83	15.80	0.94
1.8	0.69	1.242	2.4	1	2.40	2	1	2	3	0.94	2.82	3	1	3	2.25	0.95	2.14	2.25	1	2.25	16.7	15.85	0.95

V SEMESTER - Direct Assessment

Business Leadership			Cost Accounting			Taxation			Commercial Geography			BTP			DBMS			Web Tech			Weighted sum of SEM		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.5	0	0	2.83	1	2.83	2.6	1	2.6	3	1	3	2	1	2	2.6	1	2.6	2.75	0.92	2.53	12.93	10.43	0.81
2.5	0	0	2	1	2.00	2.2	1	2.2	1	1	1	1.67	1	1.67	2.2	1	2.2	2.75	0.92	2.53	11.57	11.60	1.00
2.5	0	0	3	1	3.00	3	1	3	1	1	1	2.33	1	2.33	2.4	1	2.4	2.75	0.92	2.53	14.23	14.26	1.00
2.5	0	0	1.5	1	1.50	2.5	1	2.5	1.5	1	1.5	1.88	1	1.88	2	1	2	2	0.92	1.84	11.88	11.22	0.94
2.25	0	0	1.67	1	1.67	2.8	1	2.8	1.75	1	1.75	3	1	3	1.6	1	1.6	2	0.92	1.84	13.07	12.66	0.97

V SEMESTER - Indirect Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.5	0	0	2.83	1	2.83	2.6	1	2.6	3	1	3	2	1	2	2.6	1	2.6	2.75	1	2.75	18.28	15.78	0.86
2.5	0	0	2	1	2.00	2.2	1	2.2	1	1	1	1.67	1	1.67	2.2	1	2.2	2.75	1	2.75	14.32	11.82	0.83
2.5	0	0	3	1	3.00	3	1	3	1	1	1	2.33	1	2.33	2.4	1	2.4	2.75	1	2.75	16.98	14.48	0.85
2.5	0	0	1.5	1	1.50	2.5	1	2.5	1.5	1	1.5	1.88	1	1.88	2	1	2	2	1	2	13.88	11.38	0.82

2.25	0	0	1.67	1	1.67	2.8	1	2.8	1.75	1	1.75	3	1	3	1.6	1	1.6	2	1	2	15.07	12.82	0.85
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V SEMESTER - Final Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.5	1	2.5	2.83	1	2.83	2.6	0.73	1.898	3	1	3	2	1	2	2.6	0.8	2.08	2.75	1	2.75	18.28	17.06	0.93
2.5	1	2.5	2	1	2	2.2	0.73	1.606	1	1	1	1.67	1	1.67	2.2	0.8	1.76	2.75	1	2.75	14.32	13.29	0.93
2.5	1	2.5	3	1	3	3	0.73	2.19	1	1	1	2.33	1	2.33	2.4	0.8	1.92	2.75	1	2.75	16.98	15.69	0.92
2.5	1	2.5	1.5	1	1.5	2.5	0.73	1.825	1.5	1	1.5	1.88	1	1.88	2	0.8	1.6	2	1	2	13.88	12.81	0.92
2.25	1	2.25	1.67	1	1.67	2.8	0.73	2.044	1.75	1	1.75	3	1	3	1.6	0.8	1.28	2	1	2	15.07	13.99	0.93

VI SEMESTER - Direct Assessment

Event Management			Marketing			Auditing			Management Accounting			Tally with GST			E Commerce			Project			Weighted sum of SEM		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.5	0	0	2.86	1	2.86	2.5	1	2.5	2.86	0.98	2.81	2.6	1	2.6	2.4	0.92	2.208	3	1	3	18.72	15.97	0.85
2.25	0	0	2.29	1	2.29	2.17	1	2.17	2.29	0.98	2.24	2.2	1	2.2	1.6	0.92	1.472	3	1	3	15.8	13.38	0.85
1.25	0	0	2.57	1	2.57	2.83	1	2.83	2.57	0.98	2.52	3	1	3	1.8	0.92	1.656	3	1	3	17.02	15.57	0.92
2.5	0	0	2.17	1	2.17	1.33	1	1.33	2.17	0.98	2.13	2.2	1	2.2	2.6	0.92	2.392	3	1	3	15.97	13.22	0.83
2.25	0	0	1.86	1	1.86	2	1	2	1.86	0.98	1.83	2.2	1	2.2	2.6	0.92	2.392	3	1	3	15.77	13.27	0.84

VI SEMESTER - Indirect Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
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2.5	0	0	2.83	1	2.83	2.6	1	2.6	3	1	3	2	1	2	2.4	1	2.4	3	1	3	18.33	15.83	0.86
2.5	0	0	2	1	2.00	2.2	1	2.2	1	1	1	1.67	1	1.67	1.6	1	1.6	3	1	3	13.97	11.47	0.82
2.5	0	0	3	1	3.00	3	1	3	1	1	1	2.33	1	2.33	1.8	1	1.8	3	1	3	16.63	14.13	0.85
2.5	0	0	1.5	1	1.50	2.5	1	2.5	1.5	1	1.5	1.88	1	1.88	2.6	1	2.6	3	1	3	15.48	12.98	0.84
2.25	0	0	1.67	1	1.67	2.8	1	2.8	1.75	1	1.75	3	1	3	2.6	1	2.6	3	1	3	17.07	14.82	0.87

VI SEMESTER - Final Assessment

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2.5	1	2.5	2.83	1	2.83	2.6	1	2.6	3	1	3	2	1	2	2.4	0.92	2.208	3	1	3	18.33	18.14	0.99
2.5	1	2.5	2	1	2.00	2.2	1	2.2	1	1	1	1.67	1	1.67	1.6	0.92	1.472	3	1	3	13.97	13.84	0.99
2.5	1	2.5	3	1	3.00	3	1	3	1	1	1	2.33	1	2.33	1.8	0.92	1.656	3	1	3	16.63	16.49	0.99
2.5	1	2.5	1.5	1	1.50	2.5	1	2.5	1.5	1	1.5	1.88	1	1.88	2.6	0.92	2.392	3	1	3	15.48	15.27	0.99
2.25	1	2.25	1.67	1	1.67	2.8	1	2.8	1.75	1	1.75	3	1	3	2.6	0.92	2.392	3	1	3	17.07	16.86	0.99

B.Com computer Applications Programme Final Attainment for 2019- 2020 Admitted Batch

SEM 1				SEM II				SEM III				SEM IV				SEM V				SEM VI				Final attainment
0.81	0.82	0.61	0.75	1.00	0.98	1.00	0.99	0.73	0.73	0.59	0.68	0.99	1.00	0.94	0.97	0.81	0.86	0.93	0.87	0.85	0.86	0.99	0.90	0.86
0.87	0.87	0.66	0.80	0.90	0.98	1.00	0.96	0.74	0.77	0.59	0.70	0.99	1.00	0.94	0.98	1.00	0.83	0.93	0.92	0.85	0.82	0.99	0.89	0.87
0.87	0.87	0.61	0.78	0.94	0.98	1.00	0.97	0.72	0.74	0.58	0.68	0.99	1.00	0.94	0.98	1.00	0.85	0.92	0.93	0.92	0.85	0.99	0.92	0.88
0.80	0.81	0.59	0.73	0.91	0.98	1.00	0.96	0.88	0.91	0.67	0.82	0.99	1.00	0.94	0.98	0.94	0.82	0.92	0.90	0.83	0.84	0.99	0.88	0.88
1.05	1.07	0.74	0.95	0.94	0.98	1.00	0.97	0.42	0.43	0.32	0.39	0.99	1.00	0.95	0.98	0.97	0.85	0.93	0.92	0.84	0.87	0.99	0.90	0.85

V. Ananta Lakshmi
 Signature of the Principal
PRINCIPAL
A.S.D.GOV.T.DEGREE COLLEGE (W)
AUTONOMOUS
KAKINADA

ASD GOVT. DEGREE COLLEGE FOR WOMEN (A), KAKINADA.

DEPARTMENT OF ZOOLOGY & AQUACULTURE TECHNOLOGY

DEPARTMENT OF ZOOLOGY (2021-2022)

Program Outcomes (POs):

The Learning Outcomes of the programme could be in consonance with the Bloom's Taxonomy, which includes –

1. Remember (Lower order)
2. Understand (Lower Order)
3. Apply (Lower Order)
4. Analyze (Higher Order)
5. Evaluate & Problem Solving (Higher Order)
6. Create (Higher Order)

PO1 Critical thinking: Able to understand and utilize the principles of scientific enquiry, think analytically, clearly and evaluate critically while solving problems and making decisions during biological study.

PO2 Effective communication: Able to formally communicate Scientific ideas and investigations of the biology discipline to pursuing both oral and written communication skills.

PO3 Social interaction: Able to develop individual behaviour and influence society and social structure.

PO4 Effective citizenship: Able to work with a sense of responsibility towards social awareness and follow the ethical standards in the society.

PO5 Ethics: Ability to demonstrate and discuss ethical conduct in scientific activities.

PO6 Environment and Sustainability: Able to understand the impact of biological science in societal and environmental contexts and demonstrate the knowledge for sustainable development.

PO7 Self-directed and life-long learning: Able to recognize the need of life-long learning and engage in research and self-educate

COURSE OUTCOMES

SEMESTER-I

Animal Diversity – Biology of Non-chordates

Course Outcomes: By the completion of the course the graduate should able to –

CO1: Describe general taxonomic rules on animal classification

CO2: Classify Protozoa to Coelenterata with taxonomic keys

CO3: Classify Phylum Platyhelminthes to Annelida phylum using examples from parasitic adaptation and vermin composting

CO4: Describe Phylum Arthropoda to Mollusca using examples and importance of insects and Molluscans

I B.Sc CBZ

S.No	Regd No	Name of the student	Signature of the Student
1	2138001	Rolupalli Dhana Lakshmi	R. Dhana Lakshmi
2	2138002	Saketi Prajyna Sri	S. Prajyna Sri
3	2138004	Akula Vandana	A. Vandana
4	2138005	Anipe Sravani	A. Sravani
5	2138006	Bunga Vandana	B. Vandana
6	2138007	Janga Srujana	J. Srujana
7	2138008	Lokavarapu R N S Durga Anasuya	L. R N S Durga Anasuya
8	2138009	Mummidi Sravani	M. Sravani
9	2138010	Mummidi Vijaya Lakshmi	M. Vijaya Lakshmi
10	2138011	Pithani Sai Prasanna	P. Sai Prasanna
11	2138012	Tadicherla Rama Lakshmi	T. Rama Lakshmi
12	2138013	Thanari Devi	T. Devi
13	2138016	Anusuri Yugala Sri Naga Mounika	A. Yugala Sri Naga Mounika
14	2138017	Avula Vijaya Lakshmi	A. vijaya lakshmi
15	2138019	Bondi Sarala	B. Sarala
16	2138020	Chekka Divya	Ch. Divya
17	2138022	Dadala Sailaja	D. Sailaja
18	2138023	Danduprolu Ravi Syamala	D. Ravi Syamala
19	2138024	Darla Srilakshmi	D. Srilakshmi
20	2138025	Doma Vimalatha	D. vimalatha
21	2138026	Donadri Sandhya	D. Sandhya
22	2138028	Ganti Sravya	G. Sravya
23	2138029	Geddada Naga Mahalakshmi	G. Naga Maha Lakshmi

24	2138030	Gowripattapu Durga Hemamalini	G. Durga Hemamalini
25	2138031	Gudepu Rajyalakshmi	G. Rajyalakshmi
26	2138032	Janipella Sunitha	J. Sunitha
27	2138033	Kandelli Renuka	K. Renuka
28	2138034	Kandrakota Keerthana	K. Keerthana
29	2138035	Katta Krupa Angel	K. Angel
30	2138036	Kethavarapu Amulya	K. Amulya
31	2138037	Kunja Rasi	K. Rasi
32	2138038	Kurma Deepthi	K. Deepthi
33	2138039	Madakam Vijaya	M. Vijaya
34	2138040	Madiki Nalini Priya	M. Priya
35	2138044	Merigi Hemalatha	M. Hemalatha
36	2138045	Mosa Tekla Gracy	M. Tekla Gracy
37	2138046	Nakka Pavani	N. Pavani
38	2138047	Narsi Durga Bhavani	N. Durga Bhavani
39	2138048	Palla Lavanya	P. Lavanya
40	2138049	Panthadi Chaitanya	P. Chaitanya
41	2138050	Pyla Venkata Satya Leelavathi	P. V. Satya Leelavathi
42	2138051	Seeramreddy Jyothi	S. Jyothi
43	2138052	Surla Ramu	T. Pallavi
44	2138053	Talla Pallavi	T. pallavi.
45	2138054	Vadaboina Gowsia Rekha	V. Gowsia Rekha
46	2138055	Vaddi Anusha	V. Anusha
47	2138056	Vara Meghana	V. Meghana
48	2138057	Yadala Kavya	Y. Kavya

I B.Sc CZAqT

S.No	Regd No	Name of the student	Signature of the Student
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2.	2136002	Mohammed Rizwana	M. Rizwana
3.	2136003	Mortha Angel Suguna	M. Angel Suguna
4.	2136004	Mosali Estheru Rani	M. G. Rani
5.	2136005	Adigarla Satyaveni	A. Satyaveni
6.	2136006	Akula Bhavya Veera Deepika	B. Vinodini Veera Deepika
7.	2136007	Bandi Vinodini	B. Vinodini
8.	2136008	Beera Usha Vani	B. Usha Vani
9.	2136009	Chodipilli Indraja	Ch. Indraja
10.	2136010	Dangeti .Deepika	D. Deepika
11.	2136011	Elipe Madhusree	E. Madhusree
12.	2136012	Gudaparthi Durga Bhavani	G. Durga Bhavani
13.	2136013	Gurrapu Ramya	J. Durga Bhavani
14.	2136014	Jeeredy Durga Bhavani	J. D. Bhavani
15.	2136015	Kakadi Rishitha	K. Rishitha
16.	2136016	Kunche Mercy Rani	K. M. Rani
17.	2136017	Lalam Nagalaxmi	Lalam. Nagalaxmi
18.	2136018	Lanke Venkata Keerthi	L. V. Keerthi
19.	2136019	Madiki Reshmadevi	M. Reshmadevi
20.	2136020	Malladi Devi Sri	M. Devi Sri
21.	2136021	Masa Nandini	M. Nandini
22.	2136022	Mummidi Chakra Devi	M. Chakra Devi
23.	2136023	Narala Sravani Sandhya	N. Sravani Sandhya
24.	2136024	Pandru Syamalatha	P. Syamalatha
25.	2136025	Polinati Divya Jyothika	P. Divya
26.	2136026	Ponugupati Teja Sree	P. Teja Sree
27.	2136027	Surla Seethadevi	S. Seethadevi


 DEPARTMENT OF ZOOLOGY
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 V. V. S.

PRINCIPAL
 A.S.D. GOVT. DEGREE COLLEGE (W) I
 AUTONOMOUS
 KAKINADA

SEMESTER-II

Animal Diversity – Biology of Chordates

Course Outcomes: By the completion of the course the graduate should able to –

CO1: Describe general taxonomic rules on animal classification of chordates

CO2: Classify Protochordata to Mammalian with taxonomic keys

CO3: Understand Mammals with specific structural adaptations

CO4: Understand the significance of dentition and evolutionary significance

CO5: Understand the origin and evolutionary relationship of different phyla from Prochordata to mammalian.


I B.Sc CBZ

S.No	Regd No	Name of the student	Signature of the Student
1	2138001	Rolupalli Dhana Lakshmi	R. Dhana Lakshmi
2	2138002	Saketi Prajyna Sri	S. Prajyna Sri
3	2138004	Akula Vandana	A. vandana
4	2138005	Anipe Sravani	A. Sravani
5	2138006	Bunga Vandana	B. vandana
6	2138007	Janga Srujana	J. Srujana
7	2138008	Lokavarapu R N S Durga Anasuya	L. R. N S Durga. Anasuya
8	2138009	Mummidi Sravani	M. Sravani
9	2138010	Mummidi Vijaya Lakshmi	m. vijaya lakshmi
10	2138011	Pithani Sai Prasanna	P. Sai Prasanna
11	2138012	Tadicherla Rama Lakshmi	T. Rama Lakshmi
12	2138013	Thanari Devi	T. Devi
13	2138016	Anusuri Yugala Sri Naga Mounika	A. Y. S. N. Mounika
14	2138017	Avula Vijaya Lakshmi	A. vijaya lakshmi
15	2138019	Bondi Sarala	B. Sarala
16	2138020	Chekka Divya	Ch. Divya
17	2138022	Dadala Sailaja	D. sailaja
18	2138023	Danduprolu Ravi Syamala	D. Ravi Syamala
19	2138024	Darla Srilakshmi	D. Srilakshmi
20	2138025	Doma Vimalatha	D. Vimalatha
21	2138026	Donadri Sandhya	D. sandhya

22	2138028	Ganti Sravya	G. Sravya.
23	2138029	Geddada Naga Mahalakshmi	G. Naga Mahalakshmi
24	2138030	Gowripattapu Durga Hemamalini	G. Durga Hemamalini
25	2138031	Gudepu Rajyalakshmi	G. Rajyalakshmi
26	2138032	Janipella Sunitha	J. Sunitha
27	2138033	Kandelli Renuka	K. Renuka
28	2138034	Kandrakota Keerthana	K. Keerthana
29	2138035	Katta Krupa Angel	K. Angel
30	2138036	Kethavarapu Amulya	K. Amulya
31	2138037	Kunja Rasi	K. Rasi
32	2138038	Kurma Deepthi	K. Deepthi
33	2138039	Madakam Vijaya	M. Vijaya
34	2138040	Madiki Nalini Priya	M. Nalini Priya
35	2138044	Merigi Hemalatha	M. Hemalatha
36	2138045	Mosa Tekla Gracy	M. Tekla Gracy
37	2138046	Nakka Pavani	N. Pavani
38	2138047	Narsi Durga Bhavani	N. Durga Bhavani
39	2138048	Palla Lavanya	P. Lavanya
40	2138049	Panthadi Chaitanya	P. Chaitanya
41	2138050	Pyla Venkata Satya Leelavathi	P. V. S. Leelavathi
42	2138051	Seeramreddy Jyothi	S. Jyothi
43	2138052	Surla Ramu	S. Ramu
44	2138053	Talla Pallavi	T. Pallavi
45	2138054	Vadaboina Gowsia Rekha	V. Gowsia Rekha
46	2138055	Vaddi Anusha	V. Anusha
47	2138056	Vara Meghana	V. Meghana
48	2138057	Yadala Kavya	Y. Kavya

I B.Sc CZAqT

S.No	Regd No	Name of the student	Signature of the Student
1.	2136001	Gedala Yamini	G. Yamini
2.	2136002	Mohammed Rizwana	M. Rizwana
3.	2136003	Mortha Angel Suguna	M. Angel Suguna
4.	2136004	Mosali Estheru Rani	M. Estheru Rani
5.	2136005	Adigarla Satyaveni	A. Satyaveni
6.	2136006	Akula Bhavya Veera Deepika	A. Bhavya Veera Deepika
7.	2136007	Bandi Vinodini	B. Vinodini
8.	2136008	Beera Usha Vani	B. Usha Vani
9.	2136009	Chodipilli Indraja	Ch. Indraja
10.	2136010	Dangeti .Deepika	D. Deepika
11.	2136011	Elipe Madhusree	E. Madhusree
12.	2136012	Gudaparthi Durga Bhavani	G. Durga bhavani
13.	2136013	Gurrapu Ramya	G. Ramya
14.	2136014	Jeeredy Durga Bhavani	J. D. Bhavani
15.	2136015	Kakadi Rishitha	K. Rishitha
16.	2136016	Kunche Mercy Rani	K. M. Rani
17.	2136017	Lalam Nagalaxmi	L. Nagalaxmi
18.	2136018	Lanke Venkata Keerthi	L. Venkata Keerthi
19.	2136019	Madiki Reshmadevi	M. Reshma Devi
20.	2136020	Malladi Devi Sri	M. Devi sri
21.	2136021	Masa Nandini	M. Nandhini
22.	2136022	Mummidi Chakra Devi	M. Chakra Devi
23.	2136023	Narala Sravani Sandhya	N. Sravani Sandhya
24.	2136024	Pandru Syamalatha	P. Syamalatha
25.	2136025	Polinati Divya Jyothika	P. Divya Jyothika
26.	2136026	Ponugupati Teja Sree	
27.	2136027	Surla Seethadevi	S. Seethadevi


 M. S. Srinivas
 DEPARTMENT OF ZOOLOGY
 GOVT. COLLEGE FOR WOMEN
 KAKINADA
 PRINCIPAL
 A.S.D. GOVT. DEGREE COLLEGE (W)
 AUTONOMOUS
 KAKINADA

SEMESTER-III

Cell Biology, Genetics, Molecular Biology and Evolution

Course Outcomes: The overall course outcome is that the student shall develop deeper understanding of what life is and how it functions at cellular level. This course will provide students with a deep knowledge in Cell Biology, genetics, Molecular biology and Evolution and by the completion of the course the graduate shall able to-

CO1: To understand the basic unit of the living organisms and to differentiate the organisms by their cell structure.

CO2: Describe fine structure and function of plasma membrane and different cell organelles of eukaryotic cell.

CO3: To understand the history of origin of branch of genetics, gain knowledge on heredity, interaction of genes, various types of inheritance patterns existing in animals

CO4: Acquiring in-depth knowledge on various of aspects of genetics involved in sex determination, human karyo typing and mutations of chromosomes resulting in various disorder.

CO5: Understand the central dogma of molecular biology and flow of genetic information from DNA to proteins.

CO6: Understand the principles and forces of evolution of life on earth, the process of evolution of new species and apply the same to develop new and advanced varieties of animals for the benefit of the society.

II CBZ (EM)

S.No	Regd No	Name of the student	Signature of the Students
1.	2038001	K. Ramya	K. Ramya
2.	2038002	Ch. Swathi Sree	Ch. Swathi Sree
3.	2038003	G. Vara Lakshmi	G. Vara Lakshmi
4.	2038004	K. Vijaya Durga Bhavana	K. Vijaya Durga Bhavana
5.	2038005	O. Guna Sri	O. Gunasri
6.	2038006	P. Kavya Varshini	P. Bhargavi
7.	2038007	P. Bhargavi	P. Bhargavi
8.	2038008	P. Hima Bindhu	P. Hima Bindhu
9.	2038009	P. Aparna Manogna	P. Aparna manogna
10.	2038010	S. Yamini	S. Yamini
11.	2038011	A. Teja Sree	A. Teja Sree
12.	2038012	B. Kamala	B. Kamala
13.	2038013	D. Nayva	D. Nayva

14	2038014	G. Sandhya Rani	G. Sandhya rani
15	2038015	Ch. Chinna	Ch. Chinna
16	2038016	J. Lova Kumari	J. Lova Kumari
17	2038017	A. Sri Devi	A. Sri Devi
18	2038018	K. Malleswari	K. Malleswari
19	2038019	K. Durga Meenakshi	K. Durgameenakshi
20	2038020	K. Usha Satya Swaroopa Rani	K.U.S.S. Rani
21	2038021	P. Manasa	P. Manasa
22	2038022	P. Devi Sri	P. devi Sri
23	2038023	P. Kusuma	P. Kusuma
24	2038024	P. Naga Lakshmi	P. Naga lakshmi
25	2038025	P. Meghana	P. Meghana
26	2038026	P. Chandini Devi	P. Chandini Devi
27	2038027	S. Ramya Sree	S. Ramya Sree
28	2038028	S. Sri Latha Durga	S. Sri Latha Durga
29	2038029	V. Indhu Priya Dharshini	V. Indhu Priya Dharshini
30	2038030	V. Anjali	V. Anjali

II CBZ (TM)

S.No	Regd No	Name of the student	Signature of the Students
1.	2033001	B. Venkata Sai Satya	B. Venkata saisatya
2.	2033002	K. Divya	K. Divya
3.	2033003	P. Kasturi	P. Kasthuri
4.	2033004	Ch. Keerthi	Ch. Keerthi
5.	2033005	Ch. Devi	Ch. devi
6.	2033006	D. Suseela	d. Suseela
7.	2033007	D. Dhana Tejaswini	D. Dhana Tejaswini
8.	2033008	E. Anusha	E. Anusha
9.	2033009	G. Haneesha	G. Hanesha
10.	2033010	G. Harika	G. Harika
11.	2033011	G. Durga Naga Bhanumathi	G. D. N. Bhanumathi
12.	2033012	K. Satya Sai Lakshmi	K. S. S. lakshmi
13.	2033012	K. Veera Suneetha	k. Veera Suneetha
14.	2033013	K. Ramya	K. Ramya
15.	2033014	K. Dhana Sravani	K. Dhana Sravani
16.	2033015	K. Veera Venkata SatyaVeni	k. Veeravenkata SatyaVeni
17.	2033016	M. Tejaswini	M. Tejaswini
18.	2033017	M. Sri Lekha	M. Sri Lekha
19.	2033018	N. Jyothi	N. Jyothi
20.	2033019	N. Asha	N. Asha
21.	2033022	P. Smylee	N. Asha
22.	2033023	R. Uma Satya Tejaswini	R. U. S. Tejaswini
23.	2033024	R. Renuka	R. Renuka
24.	2033025	S. Subba Lakshmi	S. Subbalakshmi
25.	2033027	Y. Pravallika	Y. Pravallika
26.	2033028	Y. Venkata Ramani	Y. Venkata Ramani
27.	2033029	Y. Sri Devi	Y. Sri devi

II CZAqT

S.No	Regd No	Name of the student	Signature of the Student
1.	2036001	D. Neelima	D. Neelima
2.	2036002	D. Sony	D. Sony
3.	2036003	K. Gnana Nageswari	K. Gnana Nageswari
4.	2036004	S.Hema Durga Devi	S. Hema Durga Devi
5.	2036005	S. Pavani	S. Pavani
6.	2036007	D. Pujitha	D. Pujitha
7.	2036008	G. Satya Veni	G. Satya Veni
8.	2036009	G. Krishna Veni	G. Satya Veni
9.	2036010	G. Swathi	G. Swathi
10.	2036011	K. Lakshmi Kumari	K. Lakshmi Kumari
11.	2036012	K. Kusuma	K. KUSUMA
12.	2036013	K. Kavya Sri	K. Kavya Sri
13.	2036014	M. Priya	M. Priya
14.	2036015	M. Suvarna Latha	M. Suvarna Latha
15.	2036016	P. Sandhya Rani	P. Sandhya Rani
16.	2036017	P. Chunalika	P. Chunalika
17.	2036018	P. Sai Lakshmi	P. Sai Lakshmi
18.	2036019	P. Anitha	P. ANITHA

MU 2000

Lecturer-in-Charge

DEPARTMENT OF ZOOLOGY

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PRINCIPAL

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SEMESTER-IV (paper-IV)

Animal Physiology, Cellular Metabolism and Embryology

Course Outcomes: This course will provide students with a deep knowledge in Physiology, Cellular metabolism and Embryology and by the completion of the course the graduate shall able to –

CO1: Understand the functions of important animal physiological systems including digestion, cardiorespiratory and renal systems.

CO2: Understand the muscular system and the neuro-endocrine regulation of animal growth, development and metabolism with a special knowledge of hormonal control of human reproduction.

CO3: Describe the structure, classification and chemistry of Biomolecules and enzymes responsible for sustenance of life in living organisms

CO4: Develop broad understanding the basic metabolic activities pertaining to the catabolism and anabolism of various Biomolecules

CO5: Describe the key events in early embryonic development starting from the formation of gametes upto gastrula ion and formation of primary germ layers.

II CBZ (EM)

S.No	Regd No	Name of the student	Signature of the Students
1.	2038001	K. Ramya	K. Ramya
2.	2038002	Ch. Swathi Sree	Ch. Swathi Sree
3.	2038003	G. Vara Lakshmi	G. Vara lakshmi
4.	2038004	K. Vijaya Durga Bhavana	K. Vijaya Durga Bhavana
5.	2038005	O. Guna Sri	O. Guna Sri
6.	2038006	P. Kavya Varshini	P. Kavya varshini
7.	2038007	P. Bhargavi	P. Bhargavi
8.	2038008	P. Hima Bindhu	P. Hima Bindhu
9.	2038009	P. Aparna Manogna	P. Aparna Manogna
10.	2038010	S. Yamini	S. Yamini
11.	2038011	B. Teja Sree	B. Teja Sree
12.	2038012	B. Kamala	B. Kamala
13.	2038013	D. Nayva	D. Nayva

14	2038014	G. Sandhya Rani	G. Sandhya Rani
15	2038015	Ch. Chinna	Ch. Chinna
16	2038016	J. Lova Kumari	J. Lovakumari
17	2038017	B. Sri Devi	B. Sri Devi
18	2038018	K. Malleswari	K. Malleswari
19	2038019	K. Durga Meenakshi	K. Durga Meenakshi
20	2038020	K. Usha Satya Swaroopa Rani	K. U.S. Swarooparani
21	2038021	P. Manasa	P. Manasa
22	2038022	P. Devi Sri	P. Devi Sri
23	2038023	P. Kusuma	P. Kusuma
24	2038024	P. Naga Lakshmi	P. Naga Lakshmi
25	2038025	P. Meghana	P. Meghana
26	2038026	P. Chandini Devi	P. Chandini Devi
27	2038027	S. Ramya Sree	S. Ramya Sree
28	2038028	S. Sri Latha Durga	S. Sri Latha Durga
29	2038029	V. Indhu Priya Dharshini	V. Indhu Priya Dharshini
30	2038030	V. Anjali	V. Anjali

II CBZ (TM)

S.No	Regd No	Name of the student	Signature of the Students
1.	2033001	B. Venkata Sai Satya	B. Venkata Sai
2.	2033002	K. Divya	K. Divya
3.	2033003	P. Kasturi	P. Kasthuri
4.	2033004	Ch. Keerthi	Ch. Keerthi
5.	2033005	Ch. Devi	Ch. Devi
6.	2033006	D. Suseela	D. Suseela
7.	2033007	D. Dhana Tejaswini	D. Dhana Tejaswini
8.	2033008	E. Anusha	E. Anusha
9.	2033009	G. Haneesha	G. Haneesha
10.	2033010	G. Harika	G. Harika
11.	2033011	G. Durga Naga Bhanumathi	G. D. Naga Bhanumathi
12.	2033012	K. Satya Sai Lakshmi	K. S. Sri Lakshmi
13.	2033012	K. Veera Suneetha	K. Veera Suneetha
14.	2033013	K. Ramya	K. Ramya
15.	2033014	K. Dhana Sravani	K. Dhana Sravani
16.	2033015	K. Veera Venkata Satya Veni	K. V. V. Satya Veni
17.	2033016	M. Tejaswini	M. Tejaswini
18.	2033017	M. Sri Lekha	M. Sri Lekha
19.	2033018	N. Jyothi	N. Jyothi
20.	2033019	N. Asha	N. Asha
21.	2033022	P. Smylee	P. Smylee
22.	2033023	R. Uma Satya Tejaswini	R. Uma Satya Tejaswini
23.	2033024	R. Renuka	R. Renuka
24.	2033025	S. Subba Lakshmi	S. Subba Lakshmi
25.	2033027	Y. Pravallika	Y. Pravallika
26.	2033028	Y. Venkata Ramani	Y. Venkata Ramani
27.	2033029	Y. Sri Devi	Y. Sri Devi

II CZAqT

S.No	Regd No	Name of the student	Signature of the Student
1.	2036001	D. Neelima	D. neelima
2.	2036002	D. Sony	D. Sony
3.	2036003	K. Gnana Nageswari	K. Gnana Nageswari
4.	2036004	S.Hema Durga Devi	S. Hemadurga
5.	2036005	S. Pavani	S. Pavani
6.	2036007	D. Pujitha	D. Pujitha
7.	2036008	G. Satya Veni	G. Satya Veni
8.	2036009	G. Krishna Veni	G. Krishna Veni
9.	2036010	G. Swathi	G. Swathi
10.	2036011	K. Lakshmi Kumari	K. Lakshmi Kumari
11.	2036012	K. Kusuma	K. KUSUMA
12.	2036013	K. Kavya Sri	K. Kavya
13.	2036014	M. Priya	M. Priya
14.	2036015	M. Suvarna Latha	M. Suvarna Latha
15.	2036016	P. Sandhya Rani	P. Sandhyarani
16.	2036017	P. Chunalika	P. Chunalika
17.	2036018	P. Sai Lakshmi	P. Sai Lakshmi
18.	2036019	P. Anitha	P. Anitha

V. N. Q.

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SECURER-IN-CHARGE
DEPARTMENT OF ZOOLOGY
A.S. GOVT. COLLEGE FOR WOMEN
KAKINADA-2

SEMESTER -IV (paper -V)

Immunology and Animal Biotechnology

Course Outcomes: This course will provide students with a deep knowledge in immunology, and animal biotechnology and by the completion of the course the graduate shall able to –

- CO1:** To get knowledge of the organs of Immune system, types of immunity, cells and organs of immunity.
- CO2:** To describe immunological response as to how it is triggered (antigens) and regulated (antibodies)
- CO3:** Understand the applications of Biotechnology in the fields of industry and agriculture including animal cell/tissue culture, stem cell technology and genetic engineering.
- CO4:** Get familiar with the tools and techniques of animal biotechnology.
- CO5:** To trace the history and development of immunology
- CO6:** To provide students with a foundation in immunological processes
- CO7:** To be able to compare and contrast the innate versus adaptive immune systems and humoral versus cell-mediated immune responses
- CO8:** Understand the significance of the Major Histocompatibility Complex in terms of immune response and transplantation
- CO9:** To provide knowledge on animal cell and tissue culture and their preservation
- CO10:** To empower students with latest biotechnology techniques like stem cell technology, genetic engineering, hybridoma technology, transgenic technology and their application in medicine and industry for the benefit of living organisms
- CO11:** To explain in vitro fertilization, embryo transfer technology and other reproduction manipulation methodologies.
- CO12:** To get insight in applications or recombinant DNA technology in agriculture, production of therapeutic proteins.
- CO13:** To understand principles of animal culture, media preparation.

II CBZ (EM)

S.No	Regd No	Name of the student	Signature of the Students
1.	2038001	K. Ramya	K. Ramya
2.	2038002	Ch. Swathi Sree	Ch. Swathi Sree
3.	2038003	G. Vara Lakshmi	G. Vara Lakshmi
4.	2038004	K. Vijaya Durga Bhavana	K. V. Durgabhavana
5.	2038005	O. Guna Sri	O. Guna Sri

6.	2038006	P. Kavya Varshini	P. Kavya Varshini
7.	2038007	P. Bhargavi	P. Bhargavi
8.	2038008	P. Hima Bindhu	P. Hima Bindhu
9.	2038009	P. Aparna Manogna	P. Aparna Manogna
10.	2038010	S. Yamini	S. Yamini
11.	2038011	C. Teja Sree	C. Teja Sree
12.	2038012	B. Kamala	B. Kamala
13.	2038013	D. Nayva	D. Nayva
14.	2038014	G. Sandhya Rani	G. Sandhyarani
15.	2038015	Ch. Chinna	Ch. Chinna
16.	2038016	J. Lova Kumari	J. Lovakumari
17.	2038017	C. Sri Devi	C. Sri Devi
18.	2038018	K. Malleswari	K. Malleswari
19.	2038019	K. Durga Meenakshi	K. Durga Meenakshi
20.	2038020	K. Usha Satya Swaroopa Rani	K. U. S. Swaroopa Rani
21.	2038021	P. Manasa	P. Manasa
22.	2038022	P. Devi Sri	P. Devi Sri
23.	2038023	P. Kusuma	P. Kusuma
24.	2038024	P. Naga Lakshmi	P. Nagalakshmi
25.	2038025	P. Meghana	P. Meghana
26.	2038026	P. Chandini Devi	P. Chandini Devi
27.	2038027	S. Ramya Sree	S. Ramya Sree
28.	2038028	S. Sri Latha Durga	S. S. Latha Durga
29.	2038029	V. Indhu Priya Dharshini	V. Indhu Priya Dharshini
30.	2038030	V. Anjali	V. Anjali

II CBZ (TM)

S.No	Regd No	Name of the student	Signature of the Students
1.	2033001	B. Venkata Sai Satya	B. venkata sai satya
2.	2033002	K. Divya	K. Divya
3.	2033003	P. Kasturi	P. Kasturi
4.	2033004	Ch. Keerthi	Ch. Keerthi
5.	2033005	Ch. Devi	Ch. Devi
6.	2033006	D. Suseela	D. Suseela
7.	2033007	D. Dhana Tejaswini	D. Anusha
8.	2033008	E. Anusha	E. Anusha
9.	2033009	G. Haneesha	G. Haneesha
10.	2033010	G. Harika	G. Harika
11.	2033011	G. Durga Naga Bhanumathi	G. Durga naga Bhanumathi
12.	2033012	K. Satya Sai Lakshmi	K. Satya Sai lakshmi
13.	2033012	K. Veera Suneetha	K. Veera Suneetha
14.	2033013	K. Ramya	K. Ramya
15.	2033014	K. Dhana Sravani	K. Dhana Sravani
16.	2033015	K. Veera Venkata Satya Veni	K. V. V. Satya Veni
17.	2033016	M. Tejaswini	M. Tejaswini
18.	2033017	M. Sri Lekha	M. Sri Lekha
19.	2033018	N. Jyothi	N. Jyothi
20.	2033019	N. Asha	N. Asha
21.	2033022	P. Smylee	P. Smylee
22.	2033023	R. Uma Satya Tejaswini	R. Uma Satya Tejaswini
23.	2033024	R. Renuka	R. Renuka
24.	2033025	S. Subba Lakshmi	S. Subba Lakshmi
25.	2033027	Y. Pravallika	Y. pravallika
26.	2033028	Y. Venkata Ramani	Y. V. Ramani
27.	2033029	Y. Sri Devi	Y. Sri Devi

II CZAqT

S.No	Regd No	Name of the student	Signature of the Student
1.	2036001	D. Neelima	D. neelima
2.	2036002	D. Sony	D. SONY
3.	2036003	K. Gnana Nageswari	K. Gnana Nageswari
4.	2036004	S.Hema Durga Devi	S. H Durga Devi
5.	2036005	S. Pavani	S. Pavani
6.	2036007	D. Pujitha	D. Pujitha
7.	2036008	G. Satya Veni	G. satyaveni
8.	2036009	G. Krishna Veni	G. Krishnaveni
9.	2036010	G. Swathi	G. swathi
10.	2036011	K. Lakshmi Kumari	K. Lakshmi Kumari
11.	2036012	K. Kusuma	K. kusuma
12.	2036013	K. Kavya Sri	K. kavysri
13.	2036014	M. Priya	M. priya
14.	2036015	M. Suvama Latha	M. suvama latha
15.	2036016	P. Sandhya Rani	P. Sandhya rani
16.	2036017	P. Chunalika	P. chunika
17.	2036018	P. Sai Lakshmi	P. Sai lakshmi
18.	2036019	P. Anitha	P. Anitha

M. Subbarao

LECTURER IN ZOOLOGY

DEPARTMENT OF ZOOLOGY

A.S. GOVT. COLLEGE FOR WOMEN
KAKINADA-2

Vineetha

PRINCIPAL
A.S.D. GOVT. DEGREE COLLEGE (W)
AUTONOMOUS
KAKINADA

SEMESTER -V (paper -V)

ANIMAL BIOTECHNOLOGY

CO1: Understand the applications of Biotechnology in the fields of industry and agriculture including animal cell/tissue culture, stem cell technology and genetic engineering.

CO2: Get familiar with the tools and techniques of animal biotechnology.

CO3: To provide knowledge on animal cell and tissue culture and their preservation

CO4: To empower students with latest biotechnology techniques like stem cell technology, genetic engineering, hybridoma technology, transgenic technology and their application in medicine and industry for the benefit of living organisms

CO5: To explain in vitro fertilization, embryo transfer technology and other reproduction manipulation methodologies.

CO6: To get insight in applications or recombinant DNA technology in agriculture, production of therapeutic proteins.

CO7: To understand principles of animal culture, media preparation.

III B.Sc CBZ

S.No	Regd No	Name of the student	Title of the Class Seminar
1.	1933001	Shaik Basheer	S. Basheer
2.	1933002	Shaik Karishma	S. Karishma
3.	1933003	Ainagadda Devi	A. Devi
4.	1933004	Balireddi PB Therissa	B. pb. Therissa
5.	1933005	Doma Eswari Kumari	D. eswari kumari
6.	1933006	Lanka Priyanka	L. priyanka
7.	1933007	Mani Sobhi	M. Sobhi
8	1933008	Meesala Malleswari	m. Malleswari
9	1933011	Setti Naga Satya	S. nagasatya
10	1933013	Chakravarthula Devi	C. Devi
11	1933014	Chinta Kumari	C. kumari
12	1933015	Chintaluri Sai Lakshmi	C. sailakshmi
13	1933016	Chittumuri Manasa	C. Manasa
14	1933017	Danda Sravani	D. Sravani
15	1933018	Danduprolu Jesatya	D. Jesatya
16	1933019	Dimmili Sivamma	D. Sivamma
17	1033020	Duppalapudi Maha Lakshmi	D. Mahalakshmi

18	1033021	Gandepalli Prema Jyothi	G. Premajyothi
19	1033023	Guthula Anjali	G. Anjali
20	1033024	Koorakula Rajeswari	K. Rajeswari
21	1033025	Koriprolu Lova Kumari	K. Lova Kumari
22	1033026	Masirapu Akhila	M. Akhila
23	1033027	Medisetti Bhanu Rekha	M. Bhanu Rekha
24	1033028	Medisetti Durga Sirisha	M. Durga Sirisha
25	1033029	Mungari Pravallika	M. Pravallika
26	1033030	Nama Naga Ramya	N. Naganamya
27	1033031	Pand Bhanu Sri Jyothi	P. Bhanujyothi
28	1033032	Pasalapudi Bhava Devi	P. Bhavadevi
29	1033033	Peyyala Sravanthi	P. Sravanthi
30	1033034	Pikki Suneetha	P. Suneetha
31	1033035	Ponnda Jaysheela	P. Jayasheela
32	1033036	Rasipilli Mamatha	R. Mamatha
33	1033037	Reddi Rani	R. Rani
34	1033038	Rongala Devika	R. Devika
35	1033039	Siripina Sirisha	S. Sirisha
36	1033040	Siyadhula Lalitha	S. Lalitha
37	1033041	Sriramreddi Umadevi	S. Umadevi
38	1033042	Surla Devi	S. Devi
39	1033043	Tatapudi Jessi	T. Jessi
40	1033044	Tiri Lova Kumari	T. Lovakumari
41	1033045	Vallabhudasu Sri lashmi	V. Sri Lashmi
42	1033046	Vithanala Meghana	V. Meghana

III B.Sc CZAqT

S.No	Regd No	Name of the student	Signature of the Student
1.	1936001	A. Santhi Rupa	A. Santhi Rupa.
2.	1936002	K.L Sai Lalitha	K.L. Sai Lalitha
3.	1936003	M. Suguna	M Suguna
4.	1936004	B.N.D Lakshmi	B.N.D Lakshmi
5.	1936005	G.H.V.L Hiranmei	G.H.V.L Hiranmei
6.	1936006	L. Durga Bhavani	L. Durga Bhavani
7.	1936007	M. Chandini	M. Chandini
8.	1936008	M.Lakshmi	M. Lakshmi
9.	1936009	M. Bharathi	M. Bharathi
10.	1936010	B. Vennisha Rani	B. Vennisha Rani
11.	1936011	B.P.Ch Kumari	B.P.Ch. Kumari
12.	1936012	D. Sri Vani	D. Sri Vani
13.	1936014	Ch. Harshitha	Ch Harshitha
14.	1936015	N.Usha Rani	N. Usha Rani
15.	1936016	P. Suguna Kumari	P. Suguna Kumari
16.	1936017	P. Pushpa Latha	P. Pospthalatha
17.	1936018	P. Keerthana	P. Keerthana

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LECTURER-IN-CHARGE

DEPARTMENT OF ZOOLOGY

V. M. G. S.

GOVT. COLLEGE FOR WOMEN
KAKINADA-2

PRINCIPAL
A.S.D. GOVT. DEGREE COLLEGE (W)
AUTONOMOUS
KAKINADA

SEMESTER -V (paper -VI)

ANIMAL HUSBANDRY

Course Outcomes: This course will provide students with a deep knowledge in

CO1: Understand the field level structure and functioning of poultry sector and its role in food production.

CO2: Comprehend pertaining skills and their application to establish poultry industry. Understand the pre-requisites for starting a Dairy farm

CO3: Recognize different breeds of Cows & buffaloes following safety precautions.

CO4: Prepare and give recommended feed and water for livestock. Maintain health of livestock along with productivity

CO5: Vaccination of cattle, nutrients requirements. Entrepreneurship i.e., effectively market dairy products

CO6: Ensure safe and clean dairy farm and Standard safety measures to be taken in establishing an industry. Efficiently start and manage to establish or develop a Dairy Industry


III B.Sc CBZ


S.No	Regd No	Name of the student	Title of the Class Seminar
1.	1933001	Shaik Basheer	S. Basheer.
2.	1933002	Shaik Karishma	S. Karishma.
3.	1933003	Ainagadda Devi	A. Devi
4.	1933004	Balireddi PB Therissa	B. PB Therissa
5.	1933005	Doma Eswari Kumari	D. Eswari Kumari
6.	1933006	Lanka Priyanka	C. priyanka.
7.	1933007	Mani Sobhi	M. sobhi
8.	1933008	Meesala Malleswari	M. Malleswari
9.	1933011	Setti Naga Satya	S. Naga satya
10.	1933013	Chakravarthula Devi	C. Devi
11.	1933014	Chinta Kumari	Ch. Kumari
12.	1933015	Chintaluri Sai Lakshmi	Ch. Sai lakshmi
13.	1933016	Chittumuri Manasa	ch. manasa
14.	1933017	Danda Sravani	D. Sravani
15.	1933018	Danduprolu Jesatya	D. Jesatya
16.	1933019	Dimmili Sivamma	D. Sivamma
17.	1033020	Duppalapudi Maha Lakshmi	D. Maha lakshmi

18	1033021	Gandepalli Prema Jyothi	G. Prema Jyothi
19	1033023	Guthula Anjali	G. Anjali
20	1033024	Koorakula Rajeswari	K. Rajeswari
21	1033025	Koriprolu Lova Kumari	K. Lovakumari
22	1033026	Masirapu Akhila	M. Akhila
23	1033027	Medisetti Bhanu Rekha	M. Bhanu Rekha
24	1033028	Medisetti Durga Sirisha	M. Durga Sirisha
25	1033029	Mungari Pravallika	M. Pravallika
26	1033030	Nama Naga Ramya	N. Naga Ramya
27	1033031	Pand Bhanu Sri Jyothi	P. B. S. Jyothi
28	1033032	Pasalapudi Bhava Devi	P. Bhava Devi
29	1033033	Peyyala Sravanthi	P. Sravanthi
30	1033034	Pikki Suneetha	P. Suneetha
31	1033035	Ponnda Jaysheela	P. Jaysheela
32	1033036	Rasipilli Mamatha	R. Mamatha
33	1033037	Reddi Rani	R. Rani
34	1033038	Rongala Devika	R. Devika
35	1033039	Siripina Sirisha	S. Sirisha
36	1033040	Siyadhula Lalitha	S. Lalitha
37	1033041	Sriramreddi Umadevi	S. Umadevi
38	1033042	Surla Devi	S. Devi
39	1033043	Tatapudi Jessi	T. Jessi
40	1033044	Tiri Lova Kumari	T. Lova Kumari
41	1033045	Vallabhudasu Sri lashmi	V. Srilakshmi
42	1033046	Vithanala Meghana	V. Meghana

III B.Sc CZAqT

S.No	Regd No	Name of the student	Signature of the Student
1.	1936001	A. Santhi Rupa	A. Santhi Rupa
2.	1936002	K.L Sai Lalitha	K.L Sai Lalitha
3.	1936003	M. Suguna	M. Suguna
4.	1936004	B.N.D Lakshmi	B.N.D. Lakshmi
5.	1936005	G.H.V.L Hiranmei	G.H.V.L. Hiranmei
6.	1936006	L. Durga Bhavani	L. Durgabhavani
7.	1936007	M. Chandini	M. Chandini
8.	1936008	M.Lakshmi	M. Lakshmi
9.	1936009	M. Bharathi	M. Bharathi
10.	1936010	B. Vennisha Rani	B. Vennisha Rani
11.	1936011	B.P.Ch Kumari	B.P. Ch Kumari
12.	1936012	D. Sri Vani	D. Sri Vani
13.	1936014	Ch. Harshitha	Ch. Harshitha
14.	1936015	N.Usha Rani	N. Usha Rani
15.	1936016	P. Suguna Kumari	P. Suguna Kumari
16.	1936017	P. Pushpa Latha	P. Pushpa Latha
17.	1936018	P. Keerthana	P. Keerthana


 REGISTRAR-IN-CHARGE
 DEPARTMENT OF ZOOLOGY
 A.S. GOVT. COLLEGE FOR WOMEN
 KAKINADA-2


 PRINCIPAL
 A.S.D. GOVT. DEGREE COLLEGE (W)
 AUTONOMOUS
 KAKINADA

SEMESTER -VI

IMMUNOLOGY Course Outcomes: This course will provide students with a deep knowledge in immunology, and by the completion of the course the graduate shall able to –

CO1: To get knowledge of the organs of Immune system, types of immunity, cells and organs of immunity.

CO2: To describe immunological response as to how it is triggered (antigens) and regulated (antibodies)

CO3: To trace the history and development of immunology

CO4: To provide students with a foundation in immunological processes

CO5: To be able to compare and contrast the innate versus adaptive immune systems and humoral versus cell-mediated immune responses

CO6: Understand the significance of the Major Histo- compatibility Complex in terms of immune response and transplantation

III B.Sc CBZ

S.No	Regd No	Name of the student	Title of the Class Seminar
1.	1933001	Shaik Basheer	S. Basheer
2.	1933002	Shaik Karishma	S. Karishma
3.	1933003	Ainagadda Devi	A. Devi
4.	1933004	Balireddi PB Therissa	B. PB. Therissa
5.	1933005	Doma Eswari Kumari	D. Eswari Kumari
6.	1933006	Lanka Priyanka	C. Priyanka
7.	1933007	Mani Sobhi	M. Sobhi
8.	1933008	Meesala Malleswari	M. Malleswari
9.	1933011	Setti Naga Satya	S. Nagasatya
10.	1933013	Chakravarthula Devi	C. Devi
11.	1933014	Chinta Kumari	Ch. Kumari
12.	1933015	Chintaluri Sai Lakshmi	C. Sai Lakshmi
13.	1933016	Chittumuri Manasa	C. Manasa
14.	1933017	Danda Sravani	D. Sravani
15.	1933018	Danduprolu Jesatya	D. Jesatya
16.	1933019	Dimmili Sivamma	D. Sivamma
17.	1033020	Duppalapudi Maha Lakshmi	D. Maha Lakshmi
18.	1033021	Gandepalli Prema Jyothi	G. premajyothi

19	1033023	Guthula Anjali	G. Anjali
20	1033024	Koorakula Rajeswari	K. Rajeswari
21	1033025	Koriprolu Lova Kumari	K. Lovakumari
22	1033026	Masirapu Akhila	M. Akhila
23	1033027	Medisetti Bhanu Rekha	M. Bhanu Rekha
24	1033028	Medisetti Durga Sirisha	M. Durga Sirisha
25	1033029	Mungari Pravallika	M. Pravallika
26	1033030	Nama Naga Ramya	N. Naga Ramya
27	1033031	Pand Bhanu Sri Jyothi	P. Bhanu Sri Jyothi
28	1033032	Pasalapudi Bhava Devi	P. Bhava Devi
29	1033033	Peyyala Sravanthi	P. Sravanthi
30	1033034	Pikki Suneetha	P. Suneetha
31	1033035	Ponnda Jaysheela	P. Jaysheela
32	1033036	Rasipilli Mamatha	R. Mamatha
33	1033037	Reddi Rani	R. Rani
34	1033038	Rongala Devika	R. Devika
35	1033039	Siripina Sirisha	S. Sirisha
36	1033040	Siyadhula Lalitha	S. Lalitha
37	1033041	Sriramreddi Umadevi	S. Umadevi
38	1033042	Surla Devi	S. Devi
39	1033043	Tatapudi Jessi	T. Jessi
40	1033044	Tiri Lova Kumari	T. Lovakumari
41	1033045	Vallabhudasu Sri lashmi	V. Sri Lashmi
42	1033046	Vithanala Meghana	V. Meghana

III B.Sc CZAqT

S.No	Regd No	Name of the student	Signature of the Student
1.	1936001	A. Santhi Rupa	A. Santhi Rupa
2.	1936002	K.L Sai Lalitha	K. L. Sai Lalitha
3.	1936003	M. Suguna	M. Suguna
4.	1936004	B.N.D Lakshmi	B.N.D. Lakshmi
5.	1936005	G.H.V.L Hiranmei	G.H.V.L Hiranmei
6.	1936006	L. Durga Bhavani	L. Durga Bhavani
7.	1936007	M. Chandini	M. Chandini
8.	1936008	M.Lakshmi	M. Lakshmi
9.	1936009	M. Bharathi	M. Bharathi
10.	1936010	B. Vennisha Rani	B. Vennisha Rani
11.	1936011	B.P.Ch Kumari	B.P. Ch Kumari
12.	1936012	D. Sri Vani	D. Sri Vani
13.	1936014	Ch. Harshitha	Ch. Harshitha
14.	1936015	N.Usha Rani	N. Usha Rani
15.	1936016	P. Suguna Kumari	P. Suguna Katha
16.	1936017	P. Pushpa Latha	P. Puspha Latha
17.	1936018	P. Keerthana	P. Keerthana


 Lecturer-in-Charge,
 DEPARTMENT OF ZOOLOGY
 A.S. GOVT COLLEGE FOR WOMEN
 KAKINADA


 A.S.D. GOVT. DEGREE COLLEGE (W)
 AUTONOMOUS
 KAKINADA

SEMESTER -VI**Cluster Elective Paper: VIII-B-1 PRINCIPLES OF AQUACULTURE**

CO1: Students can understand basic scenario of aquaculture.

CO2: Can identify different cultivable species

CO3: Can differentiate types of aquacultures and its systems

CO4: Can get the basic knowledge of construction of fish pond,

CO5: Assess the sources of seed and feed available for aqua forms.no the knowledge management of carp and shrimp culture

III B.Sc CBZ

S.No	Regd No	Name of the student	Title of the Class Seminar
1.	1933001	Shaik Basheer	S. Basheer
2.	1933002	Shaik Karishma	S. Karishma
3.	1933003	Ainagadda Devi	A. Devi
4.	1933004	Balireddi PB Therissa	B. PB Therissa
5.	1933005	Doma Eswari Kumari	D. Eswari Kumari
6.	1933006	Lanka Priyanka	L. Priyanka
7.	1933007	Mani Sobhi	M. Sobhi
8.	1933011	Setti Naga Satya	S. Nagasatya
9.	1933013	Chakravarthula Devi	C. Devi
10.	1933014	Chinta Kumari	Ch. Kumari
11.	1933015	Chintaluri Sai Lakshmi	C. Sai Lakshmi
12.	1933016	Chittumuri Manasa	C. Manasa
13.	1933017	Danda Sravani	D. Sravani
14.	1933019	Dimmili Sivamma	D. Sivamma
15.	1033020	Duppalapudi Maha Lakshmi	D.M. Lakshmi
16.	1033021	Gandepalli Prema Jyothi	G. Prema Jyothi
17.	1033023	Guthula Anjali	G. Anjali
18.	1033024	Koorakula Rajeswari	K. Rajeswari
19.	1033026	Masirapu Akhila	M. Akhila
20.	1033032	Pasalapudi Bhava Devi	P. Bhava Devi
21.	1033033	Peyyala Sravanthi	P. Sravanthi
22.	1033034	Pikki Suneetha	P. Suneetha
23.	1033035	Ponnda Jaysheela	P. Jaysheela
24.	1033039	Siripina Sirisha	S. Sirisha
25.	1033040	Siyadhula Lalitha	S. Lalitha
26.	1033043	Tatapudi Jessi	T. Jessi
27.	1033046	Vithanala Meghana	V. Meghana

SEMESTER -VI

Cluster Elective Paper: VIII-B-2 AQUACULTURE MANAGEMENT

CO1: Can understand the breeding and hatchery management in aquaculture.

CO2: Understand the importance of water quality.

CO3: Should know the feed management practices.

CO4: Analyse the importance of disease management

CO5: Understand the importance of fisheries in income generation food production and employment and researches.

III B.Sc CBZ

S.No	Regd No	Name of the student	Title of the Class Seminar
1.	1933001	Shaik Basheer	S. Basheer
2.	1933002	Shaik Karishma	S. Karishma
3.	1933003	Ainagadda Devi	A. Devi
4.	1933004	Balireddi PB Therissa	B. PB Therissa
5.	1933005	Doma Eswari Kumari	D. Eswari Kumari
6.	1933006	Lanka Priyanka	L. Priyanka
7.	1933007	Mani Sobhi	M. Sobhi
8.	1933011	Setti Naga Satya	S. Naga Satya
9.	1933013	Chakravarthula Devi	C. Devi
10.	1933014	Chinta Kumari	C. Kumari
11.	1933015	Chintaluri Sai Lakshmi	C. Sai Lakshmi
12.	1933016	Chittumuri Manasa	Ch. Manasa
13.	1933017	Danda Sravani	D. Sravani
14.	1933019	Dimmili Sivamma	D. Sivamma
15.	1033020	Duppalapudi Maha Lakshmi	D. M. Lakshmi
16.	1033021	Gandepalli Prema Jyothi	G. Prema Jyothi
17.	1033023	Guthula Anjali	G. Anjali
18.	1033024	Koorakula Rajeswari	K. Rajeswari
19.	1033026	Masirapu Akhila	M. Akhila
20.	1033032	Pasalapudi Bhava Devi	P. Bhava Devi
21.	1033033	Peyyala Sravanthi	P. Sravanthi
22.	1033034	Pikki Suneetha	P. Suneetha
23.	1033035	Ponnda Jaysheela	P. Jaysheela
24.	1033039	Siripina Sirisha	S. Sirisha
25.	1033040	Siyadhula Lalitha	S. Lalitha
26.	1033043	Tatapudi Jessi	T. Jessi
27.	1033046	Vithanala Meghana	V. Meghana

MW Jode

V. J. G.
 SECRETARY-IN-CHARGE
 DEPARTMENT OF ZOOLOGY
 A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN
 SAVANUR
 AUTONOMOUS

SEMESTER -VI

Cluster Elective Paper: VIII-B-3 POSTHARVEST TECHNOLOGY

CO1: Can get the techniques of handling of fish for preservation

CO2: Get the knowledge of fish preservation.


CO3: They should know processing and by-products of fish.

CO4: Get the knowledge of importance of sea weed products.

CO5: Analyse the importance of sanitation quality assurance and certification for aqua products.

III B.Sc CBZ

S.No	Regd No	Name of the student	Title of the Class Seminar
1.	1933001	Shaik Basheer	S. Basheer
2.	1933002	Shaik Karishma	S. Karishma
3.	1933003	Ainagadda Devi	A. Devi
4.	1933004	Balireddi PB Therissa	B. Therissa
5.	1933005	Doma Eswari Kumari	D. Eswari Kumari
6.	1933006	Lanka Priyanka	L. Priyanka
7.	1933007	Mani Sobhi	M. Sobhi
8.	1933011	Setti Naga Satya	S. Naga Satya
9.	1933013	Chakravarthula Devi	C. Devi
10.	1933014	Chinta Kumari	C. Kumari
11.	1933015	Chintaluri Sai Lakshmi	Ch. Sai Lakshmi
12.	1933016	Chittumuri Manasa	C. Manasa
13.	1933017	Danda Sravani	D. Sravani
14.	1933019	Dimmili Sivamma	D. Sivamma
15.	1033020	Duppalapudi Maha Lakshmi	P. Mahalakshmi
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17.	1033023	Guthula Anjali	G. Anjali
18.	1033024	Koorakula Rajeswari	K. Rajeswari
19.	1033026	Masirapu Akhila	M. Akhila
20.	1033032	Pasalapudi Bhava Devi	P. Bhava Devi
21.	1033033	Peyyala Sravanthi	P. Sravanthi
22.	1033034	Pikki Suneetha	P. Suneetha
23.	1033035	Ponnda Jaysheela	P. Jaysheela
24.	1033039	Siripina Sirisha	S. Sirisha
25.	1033040	Siyadhula Lalitha	S. Lalitha
26.	1033043	Tatapudi Jessi	T. Jessi
27.	1033046	Vithanala Meghana	V. Meghana


 DEPARTMENT OF ZOOLOGY
 A.S.D. GOVT. DEGREE COLLEGE (W)
 KAKINADA-2
 AUTONOMOUS
 KAKINADA

ASD GOVT. DEGREE COLLEGE FOR WOMEN (A), KAKINADA.

DEPARTMENT OF ZOOLOGY & AQUACULTURE TECHNOLOGY

SUBJECT : AQUACULTURE TECHNOLOGY (2021-2022)

B.Sc : CZAqT

Program Outcomes (POs):

The Learning Outcomes of the programme could be in consonance with the Bloom's Taxonomy, which includes –

1. Remember (Lower order)
2. Understand (Lower Order)
3. Apply (Lower Order)
4. Analyze (Higher Order)
5. Evaluate & Problem Solving (Higher Order)
6. Create (Higher Order)

PO1 Critical thinking: Able to understand and utilize the principles of scientific enquiry, think analytically, clearly and evaluate critically while solving problems and making decisions during biological study.

PO2 Effective communication: Able to formally communicate Scientific ideas and investigations of the biology discipline to pursuing both oral and written communication skills.

PO3 Social interaction: Able to develop individual behaviour and influence society and social structure.

PO4 Effective citizenship: Able to work with a sense of responsibility towards social awareness and follow the ethical standards in the society.

PO5 Ethics: Ability to demonstrate and discuss ethical conduct in scientific activities.

PO6 Environment and Sustainability: Able to understand the impact of biological science in societal and environmental contexts and demonstrate the knowledge for sustainable development.

PO7 Self-directed and life-long learning: Able to recognize the need of life-long learning and engage in research and self-education.

COURS OUTCOMES (CO)

SEMESTER-I

BASIC PRINCIPLES OF AQUACULTURE

CO1: Students can able to create different aquaculture systems.

CO2: They can evaluate the concept of ecology and pond eco-system.

CO3: They analyze the classification of fish ponds.

CO4: Students can easily understand the preparation of pond and Field visit to hatchery

S.No	Regd No	Name of the student	Signature of the Student
1.	2136001	Gedala Yamini	G. Yamini
2.	2136002	Mohammed Rizwana	Md. Rizwana
3.	2136003	Mortha Angel Suguna	M. Angel Suguna
4.	2136004	Mosali Estheru Rani	M. Estheru Rani
5.	2136005	Adigarla Satyaveni	A. Satyaveni
6.	2136006	Akula Bhavya Veera Deepika	A. B. V. Deepika
7.	2136007	Bandi Vinodini	B. Vinodini
8.	2136008	Beera Usha Vani	B. Usha Vani
9.	2136009	Chodipilli Indraja	Ch. Indraja
10.	2136010	Dangeti .Deepika	D. Deepika
11.	2136011	Elipe Madhusree	E. Madhusree
12.	2136012	Gudaparthi Durga Bhavani	G. Durga bhavani
13.	2136013	Gurrapu Ramya	G. Ramya
14.	2136014	Jeeredy Durga Bhavani	G. durga bhavani
15.	2136015	Kakadi Rishitha	K. Rishitha
16.	2136016	Kunche Mercy Rani	K. Mercy Rani
17.	2136017	Lalam Nagalaxmi	L. Nagalaxmi
18.	2136018	Lanke Venkata Keerthi	L. Venkata Keerthi.
19.	2136019	Madiki Reshmadevi	M. Reshmadevi
20.	2136020	Malladi Devi Sri	M. Devi Sri
21.	2136021	Masa Nandini	M. Nandini
22.	2136022	Mummidi Chakra Devi	m. nandini
23.	2136023	Narala Sravani Sandhya	P. Syamalatha
24.	2136024	Pandru Syamalatha	P. Syamalatha
25.	2136025	Polinati Divya Jyothika	P. Divya Jyothika
26.	2136026	Ponugupati Teja Sree	P. Teja Sree
27.	2136027	Surla Seethadevi	S. Seethadevi

SEMESTER-II

BIOLOGY OF FIN FISH & SHELLFISH

CO1: Students are able to understand the classification of cultivable fin and shell fish.

CO2: Students can analyze the food and feeding growth of fish

CO3: Students can evaluate reproductive biology.

CO4: Students can easily understand development of fishes, hormones and growth

S.No	Regd No	Name of the student	Signature of the Student
1.	2136001	Gedala Yamini	G. Yamini
2.	2136002	Mohammed Rizwana	Md. Rizwana
3.	2136003	Mortha Angel Suguna	M. Angel Suguna
4.	2136004	Mosali Estheru Rani	M. Estheru Rani
5.	2136005	Adigarla Satyaveni	A. Satyaveni
6.	2136006	Akula Bhavya Veera Deepika	A.B.V. Deepika
7.	2136007	Bandi Vinodini	B. Vinodini
8.	2136008	Beera Usha Vani	B. Ushavani
9.	2136009	Chodipilli Indraja	Ch. Indraja
10.	2136010	Dangeti .Deepika	D. Deepika
11.	2136011	Elipe Madhusree	E. Madhusree
12.	2136012	Gudaparthi Durga Bhavani	G. Durgabhavani
13.	2136013	Gurrapu Ramya	G. Ramya
14.	2136014	Jeeredy Durga Bhavani	J. Durgabhavani
15.	2136015	Kakadi Rishitha	K. Rishitha
16.	2136016	Kunche Mercy Rani	K. Mercy Rani
17.	2136017	Lalam Nagalaxmi	L. Naga Lakshmi
18.	2136018	Lanke Venkata Keerthi	L. Venkata Keerthi
19.	2136019	Madiki Reshmadevi	M. Reshma Devi
20.	2136020	Malladi Devi Sri	M. Nandini
21.	2136021	Masa Nandini	M. Nandini
22.	2136022	Mummidi Chakra Devi	M. Chakra Devi
23.	2136023	Narala Sravani Sandhya	N. Sravani Sandhya
24.	2136024	Pandru Syamalatha	P. Syamalatha
25.	2136025	Polinati Divya Jyothika	P. Divya Jyothika
26.	2136026	Ponugupati Teja Sree	P. Teja Sree
27.	2136027	Surla Seethadevi	S. Seethadevi


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SEMESTER-III

FISH NUTRITION & FEED TECHNOLOGY

CO1: Students can understand the nutritional requirements of cultivable fish.

CO2: Create the knowledge in feed preparation and feeding habits.

CO3: Students are able to evaluate fish feed manufacture and storage.

CO4: Students analyze the estimation of protein content in aquaculture feeds

S.No	Regd No	Name of the student	Signature of the Student
1.	2036001	D. Neelima	D. Neelima.
2.	2036002	D. Sony	D. Sony
3.	2036003	K. Gnana Nageswari	K. Gnana Nageswari
4.	2036004	S.Hema Durga Devi	S. Hema durga devi
5.	2036005	S. Pavani	S. Pavani
6.	2036007	D. Pujitha	D. Pujitha
7.	2036008	G. Satya Veni	G. Satya veni
8.	2036009	G. Krishna Veni	G. Krishna Veni
9.	2036010	G. Swathi	G. Swathi
10.	2036011	K. Lakshmi Kumari	K. Lakshmi Kumari
11.	2036012	K. Kusuma	k. Kusuma
12.	2036013	K. Kavya Sri	M. Kavya Sri
13.	2036014	M. Priya	M. Priya
14.	2036015	M. Suvarna Latha	M. Suvarna Latha
15.	2036016	P. Sandhya Rani	P. Sandhya Rani
16.	2036017	P. Chunalika	P. chunalika
17.	2036018	P. Sai Lakshmi	P. Sai Lakshmi
18.	2036019	P. Anitha	P. Anitha

MW Subudho

V. M. A
LECTURER IN ZOOLOGY,
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SEMESTER-IV PAPER-IV

FRESH WATER & BRACKISH WATER AQUACULTURE


CO1: Students can understand the present status of freshwater aquaculture and their role in world economy and food production.

CO2: Create knowledge in life history stages of freshwater fish and prawn.

CO3: Students gain analytical and technical knowledge of prawn hatchery technology and brackish water species.

CO4: They evaluate the carp and prawn culture and composite fish culture systems.

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1.	2036001	D. Neelima	D. Neelima
2.	2036002	D. Sony	D. Sony
3.	2036003	K. Gnana Nageswari	K. Gnana Nageswari
4.	2036004	S.Hema Durga Devi	S Hema Durga
5.	2036005	S. Pavani	S. Pavani
6.	2036007	D. Pujitha	D. Pujitha
7.	2036008	G. Satya Veni	G. Satya Veni
8.	2036009	G. Krishna Veni	G. Krishna Veni
9.	2036010	G. Swathi	G. Swathi
10.	2036011	K. Lakshmi Kumari	K. Lakshmi Kumari
11.	2036012	K. Kusuma	K. Kusuma
12.	2036013	K. Kavya Sri	K. Kavya Sri
13.	2036014	M. Priya	M. Priya
14.	2036015	M. Suvarna Latha	M. Suvarna Latha
15.	2036016	P. Sandhya Rani	P. Sandhya Rani
16.	2036017	P. Chunalika	P. Chunalika
17.	2036018	P. Sai Lakshmi	P. Sai Lakshmi
18.	2036019	P. Anitha	P. Anitha


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SEMESTER-IV PAPER-V

FISH HEALTH MANGEMENT & FISHERIES ECONOMICS

CO1: To understand the diseases of fin fish

CO2 To understand the diseases of shell fish.

CO3 To understand the fish health management strategies.

CO4 To understand the different fisheries economic policies.

CO5 To understand the various schemes for the welfare of fishermen community

S.No	Regd No	Name of the student	Signature of the Student
1.	2036001	D. Neelima	D. Neelima.
2.	2036002	D. Sony	D. Sony.
3.	2036003	K. Gnana Nageswari	K. Gnana Nageswari
4.	2036004	S.Hema Durga Devi	S. Hema Durga Devi
5.	2036005	S. Pavani	S. Pavani
6.	2036007	D. Pujitha	D. Pujitha
7.	2036008	G. Satya Veni	G. Satya Veni
8.	2036009	G. Krishna Veni	G. Krishna Veni
9.	2036010	G. Swathi	G. Swathi
10.	2036011	K. Lakshmi Kumari	K. Lakshmi Kumari
11.	2036012	K. Kusuma	K. Kusuma
12.	2036013	K. Kavya Sri	K. Kavya Sri
13.	2036014	M. Priya	M. Priya
14.	2036015	M. Suvarna Latha	M. Suvarna Latha
15.	2036016	P. Sandhya Rani	P. Sandhya Rani
16.	2036017	P. Chunalika	P. Chunalika
17.	2036018	P. Sai Lakshmi	P. Sai Lakshmi
18.	2036019	P. Anitha	P. Anitha

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SEMESTER-V

FISH HEALTH MANAGEMENT: (paper-V)

CO1: To gain knowledge about economics of fisheries.

CO2: To know about the changes in cell structure caused due to various diseases in fishes

CO3: To know about the fin fish diseases. To know about the shell fish diseases.

CO 4: To gain knowledge about using diagnostic tools to diagnose diseases in fishes

S.No	Regd No	Name of the student	Signature of the Student
1.	1936001	A. Santhi Rupa	A. Santhi Rupa.
2.	1936002	K.L Sai Lalitha	K.L Sai Lalitha
3.	1936003	M. Suguna	M. Suguna
4.	1936004	B.N.D Lakshmi	B. Naga Durga bhavani
5.	1936005	G.H.V.L Hiranmei	G.H.V.L Hiranmei
6.	1936006	L. Durga Bhavani	Lingala. Durga Bhavani
7.	1936007	M. Chandini	M. Chandini
8.	1936008	M.Lakshmi	M. lakshmi
9.	1936009	M. Bharathi	M. Bharathi
10.	1936010	B. Vennisha Rani	B. Vennisha Rani
11.	1936011	B.P.Ch Kumari	B.P.ch Kumari
12.	1936012	D. Sri Vani	D Sri Vani
13.	1936014	Ch. Harshitha	Harshitha Chetka
14.	1936015	N.Usha Rani	M. Usha Rani
15.	1936016	P. Suguna Kumari	P. Suguna Kumari
16.	1936017	P. Pushpa Latha	P. Pushpa latha
17.	1936018	P. Keerthana	P. Keerthana



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SEMESTER-V

FISHERIESEXTENSION, ECONOMICS & MARKETING: (paper-VI)

CO1: To gain knowledge about economics of fisheries.

CO2: To improve the knowledge about fish marketing process. To know about the economic status of fisher men.

CO3: To improve knowledge about fisheries extension methods. To know about welfare programmes of fisher men.

S.No	Regd No	Name of the student	Signature of the Student
1.	1936001	A. Santhi Rupa	A. Santhi Rupa
2.	1936002	K.L Sai Lalitha	K.L. sai Lalitha
3.	1936003	M. Suguna	M Suguna
4.	1936004	B.N.D Lakshmi	B. Naga Durgabhavani
5.	1936005	G.H.V.L Hiranmei	G.H.V.L. Hiranmei
6.	1936006	L. Durga Bhavani	Lingala. Durga Bhavani
7.	1936007	M. Chandini	M. chandini
8.	1936008	M.Lakshmi	M. lakshmi
9.	1936009	M. Bharathi	M. Bharathi
10.	1936010	B. Vennisha Rani	B. Vennisha Rani
11.	1936011	B.P.Ch Kumari	B.p.ch. Kumari
12.	1936012	D. Sri Vani	D Srivani
13.	1936014	Ch. Harshitha	Harshitha Chetty
14.	1936015	N.Usha Rani	M. Usha Rani
15.	1936016	P. Suguna Kumari	P. Suguna Kumari
16.	1936017	P. Pushpa Latha	P. Pushpa latha
17.	1936018	P. Keerthana	P. Keerthana

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SEMESTER-VI

ORNAMENTAL FISHERIES: (Elective paper-I)

CO1: knowledge on the ornamental fish breeding will be learnt by the student

CO2: Learn about Management practices of ornamental fishes will be learnt.

CO3: Able to gain knowledge on the aquarium maintenance and accessories.

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1.	1936001	A. Santhi Rupa	A. Santhi Rupa
2.	1936002	K.L Sai Lalitha	K.L Sai Lalitha
3.	1936003	M. Suguna	M. Suguna
4.	1936004	B.N.D Lakshmi	B. Naga Durga bhavani
5.	1936005	G.H.V.L Hiranmei	G. H. V. L. Hiran mei
6.	1936006	L. Durga Bhavani	Lingala. Durgo Bhavani
7.	1936007	M. Chandini	M. chandini
8.	1936008	M.Lakshmi	M. lakshmi?
9.	1936009	M. Bharathi	M. Bharathi
10.	1936010	B. Vennisha Rani	B. Vennisha Rani
11.	1936011	B.P.Ch Kumari	B.P.Ch Kumari
12.	1936012	D. Sri Vani	D Sri vani
13.	1936014	Ch. Harshitha	Harshitha chekka
14.	1936015	N.Usha Rani	M. Usha Rani
15.	1936016	P. Suguna Kumari	P. suguna Kumari
16.	1936017	P. Pushpa Latha	P. Pushpa latha
17.	1936018	P. Keerthana	P. Keerthana

V. N. L.

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SEMESTER-VI

FISH PROCESS TECHNOLOGY: (Cluster-I)

CO2: Students can understand the Fundamental principles involved in chilling and freezing of fish and fishery products. Various freezing methods.

CO3: Student learn about Packing and storage of dried products. Spoilage of dried products. Preventive measures. Standards for dry fish products. Cold smoking. Principles of freeze-drying.

CO4: student gain knowledge on Packing requirements for frozen and cured products. Statutory requirements for packing.

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2.	1936002	K.L Sai Lalitha	K.L Sai Lalitha
3.	1936003	M. Suguna	M. Suguna
4.	1936004	B.N.D Lakshmi	B. Naga Durga Bhavani
5.	1936006	L. Durga Bhavani	Lingala Durga Bhavani
6.	1936007	M. Chandini	M. Chandini
7.	1936008	M.Lakshmi	M. lakshmi
8.	1936009	M. Bharathi	M. Bharathi
9.	1936010	B. Vennisha Rani	B. Vennisha Rani
10.	1936011	B.P.Ch Kumari	B. p. ch. Kumari
11.	1936012	D. Sri Vani	D Sri Vani
12.	1936014	Ch. Harshitha	Ch. Harshitha
13.	1936015	N.Usha Rani	M. Usha Rani
14.	1936016	P. Suguna Kumari	P. Suguna Kumari
15.	1936017	P. Pushpa Latha	P. Pushpa Latha
16.	1936018	P. Keerthana	P. Keerthana

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FISHERY MICRO BIOLOGY AND FISHERY BY-PRODUCTS: (Cluster-II)

CO 1: Student learn about General characteristics of bacteria, fungi, viruses, algae and protozoans. Ultrastructure of prokaryotic cell—structure and function of bacterial cell wall, plasma membrane, capsule, flagella and endospore. Structure of fungi and yeast cell.

CO 3 : Students can understand the Fish Microbiology: Fish as an excellent medium for growth of microorganisms.

CO 4 : student gain knowledge on Fishery By- Products: Fishmeal, fish protein concentrate, sharkfin rays, fish maws, isinglass, fish liver oil, fish body oil, fish hydro lysates, chitin, chitosan, glucosamine hydrochloride,

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1.	1936001	A. Santhi Rupa	A. Santhi Rupa
2.	1936002	K.L Sai Lalitha	K.L Sai Lalitha
3.	1936003	M. Suguna	M. Suguna
4.	1936004	B.N.D Lakshmi	B. Naga Dwaga bhavani
5.	1936006	L. Durga Bhavani	Lingala. Durga Bharani
6.	1936007	M. Chandini	M. Chandini
7.	1936008	M.Lakshmi	M. lakshmi
8.	1936009	M. Bharathi	M. Bharathi
9.	1936010	B. Vennisha Rani	B. Vennisha Rani
10.	1936011	B.P.Ch Kumari	B.P.Ch. Kumari
11.	1936012	D. Sri Vani	D Srivani
12.	1936014	Ch. Harshitha	Harshitha chokka
13.	1936015	N.Usha Rani	M. Usha Rani
14.	1936016	P. Suguna Kumari	P. Suguna Kumari
15.	1936017	P. Pushpa Latha	P. Pushpa latha
16.	1936018	P. Keerthana	P. Keerthana


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QUALITY CONTROL IN PROCESSING PLANTS: (Cluster-III)

CO 1: Quality management, total quality concept and application in fish trade. Quality assessment of fish and fishery products

CO 3: Students can understand the water quality in fishery industry, product quality, water analysis, treatments, chlorination, ozonisation, UV radiation, reverse osmosis, techniques to remove pesticides and heavy metals.

CO 4: student gain knowledge on Fish processing units

CO 5: Student learn about Hazards in fish foods .Laboratory techniques for detection and identification of food poisoning bacteria.

S.No	Regd No	Name of the student	Signature of the Student
1.	1936001	A. Santhi Rupa	A. Santhi Rupa
2.	1936002	K.L Sai Lalitha	K.L Sai Lalitha
3.	1936003	M. Suguna	M. Suguna
4.	1936004	B.N.D Lakshmi	B. Naga Durga bhavani
5.	1936006	L. Durga Bhavani	Lingala. Durga Bhavani
6.	1936007	M. Chandini	M. Chandini
7.	1936008	M.Lakshmi	M. Lakshmi
8.	1936009	M. Bharathi	M. Bharathi
9.	1936010	B. Vennisha Rani	B. Vennisha Rani
10.	1936011	B.P.Ch Kumari	B.p.ch. Kumari
11.	1936012	D. Sri Vani	D Sri Vani
12.	1936014	Ch. Harshitha	Harshitha chetty
13.	1936015	N.Usha Rani	M. Usha Rani
14.	1936016	P. Suguna Kumari	P. Suguna Kumari
15.	1936017	P. Pushpa Latha	P. Pushpa latha
16.	1936018	P. Keerthana	P. Keerthana

M. Suguna

QUALITY CONTROL IN PROCESSING PLANTS: (Cluster-III)

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2.	1936002	K.L Sai Lalitha	K.L Sai Lalitha
3.	1936003	M. Suguna	M. Suguna
4.	1936004	B.N.D Lakshmi	B. Naga Durga bhavani
5.	1936006	L. Durga Bhavani	Lingala. Durga Bharani
6.	1936007	M. Chandini	M. chandini
7.	1936008	M.Lakshmi	M. lakshmi
8.	1936009	M. Bharathi	M. Bharathi
9.	1936010	B. Vennisha Rani	B. vennisha Rani
10.	1936011	B.P.Ch Kumari	B.p.ch. Kumari
11.	1936012	D. Sri Vani	D Sri vani
12.	1936014	Ch. Harshitha	Harshitha chetty
13.	1936015	N.Usha Rani	M. Usha Rani
14.	1936016	P. Suguna Kumari	P. Suguna Kumari
15.	1936017	P. Pushpa Latha	P. Pushpa latha
16.	1936018	P. Keerthana	P. Keerthana

M. Suguna

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