



Thakur Educational Trust's (Regd.)

**THAKUR RAMNARAYAN
COLLEGE OF ARTS & COMMERCE**

ISO 21001:2018 Certified

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Criterion 2 - Teaching- Learning and Evaluation

Key Indicator - 2.6 Student Performance and Learning Outcomes

2.6.2 Attainment of POs and COs are evaluated (20)

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**ATTAINMENT OF POs AND COs FOR
BACHELOR OF ARTS**

FIRST YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: II

Subject: Microeconomics

Name of the faculty member: Ms. Ranjani Shukla

Subject Code: UAECO201

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO10	PSO4	79.88	71.37	78	50	67
CO2	PO12	PSO1	77.99	66.74	76		
CO3	PO1, PO12	PSO1	32.98	73.47	41		
CO4	PO3	PSO2	78.38	60.84	75		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: II

Subject: Communication Skills in English

Name of the faculty member: Ms. Aniushka Joshi

Subject Code: UACS201

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO2	PSO1	69	87.37	73	50	68
CO2	PO1,PO2,PO3,PO11	PSO1,PSO2,PSO3,PSO4,PSO5,PSO6	60	85.79	65		
CO3	PO2,PO3,PO10,PO11	PSO1,PSO2,PSO3,PSO4,PSO5,PSO6	71	80.74	73		
CO4	PO1,PO2,PO3,PO8,PO10,PO11	PSO1,PSO2,PSO4,PSO5,PSO6	59	72.11	62		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: II

Subject: History of Modern India

Name of the faculty member: Ms. Claret Chande

Subject Code: UAHIS201

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO2,PO3,PO4,PO5, PO6,PO7,PO9,PO10,	PSO,PSO2,PSO3,PSO4	76.34	83.68	78	50	69
CO2	PO1,PO2,PO3,PO4,PO5, PO6,PO7, PO8,PO9,	PSO,PSO2,PSO3,PSO4	70.77	83.37	73		
CO3	PO1,PO2,PO3,PO4,PO5, PO6,PO7, PO8,PO9,	PSO,PSO2,PSO3,PSO4	46.92	82.74	54		
CO4	PO1,PO2,PO3,PO4,PO5, PO6,PO7, PO8,PO9,	PSO,PSO2,PSO3,PSO4	68.46	80.42	71		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: II

Subject: Hindi

Name of the faculty member: Ms. Sunita

Subject Code: UAHINCOM201

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	12	6	68.82	89.58	73	50	69
CO2	12	6	66.58	84.53	70		
CO3	11	6	53.56	87.47	60		
CO4	11	4	68.11	84.42	71		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: II

Subject: Fundamentals of Psychology

Name of the faculty member: Ms. Pooja Gandhi

Subject Code: UAPSY201

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO 12	PSO 3	68.82	89.58	73	50	69
CO2	PO 12	PSO 3	66.58	84.53	70		
CO3	PO 11	PSO 3	53.56	87.47	60		
CO4	PO 11	PSO 3	68.11	84.42	71		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: II

Subject: Foundation Course

Name of the faculty member: Ms. Ankita Tiwari

Subject Code: UAFC201

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO8	PSO1,PSO2,PSO3, PSO4	77	91.47	80	50	65
CO2	PO1 ,PO2,PO3	PSO2, PSO3	57	86.00	63		
CO3	PO1 ,PO2,PO3	PSO1,PSO2,PSO3	54	90.74	61		
CO4	PO1 ,PO4,PO5, PO9	PSO1,PSO2	66	87.89	71		
CO5	PO4,PO5	PSO1,PSO2,PSO4	44	83.68	52		



SECOND YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: IV

Subject: Macro Economics

Name of the faculty member: Ms. Ranjani Shukla

Subject Code: UAECO401

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3, PSO4	77.82	66.95	76	50	65
CO2	PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3, PSO4	65.41	66.53	66		
CO3	PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO10, PO11	PSO1, PSO2, PSO3, PSO4	60.14	65.89	61		
CO4	PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO10, PO11	PSO1, PSO2, PSO3, PSO4	57.76	65.89	59		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: IV

Subject: Ancient India from Earliest Times to 1000 A.D.

Name of the faculty member: Ms. Claret Chande

Subject Code: UAHIS402

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO4,PO5, PO6, PO7,PO8,PO9,PO10,	PSO1PSO2PSO3PSO4	70.82	70.21	71	50	64
CO2	PO1, PO2, PO4,PO5, PO6, PO7,PO8,PO9,PO10,	PSO2PSO3PSO4	61.97	68.32	63		
CO3	PO1, PO2, PO3 PO4,PO5, PO7,PO8,PO9,PO10,	PSO1PSO2PSO3PSO4	59.35	66.84	61		
CO4	PO1, PO2, PO3 PO4,PO5, PO7,PO8,PO9,PO10,PO11	PSO1PSO2PSO3PSO4	59.42	66.21	61		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: IV

Subject: Stress Management

Name of the faculty member: Ms. Deepa Podar

Subject Code: UASM4A1

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	10	6	62.27	71.16	64	50	55
CO2	12	5	54.42	65.26	57		
CO3	10	6	44.68	69.89	50		
CO4	11	4	44.82	69.47	50		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: IV

Subject: Indian Economy

Name of the faculty member: Ms. Reenu Yadav

Subject Code: UAECO402

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO6, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3, PSO4	73.67	66.11	72	50	65
CO2	PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2, PSO3, PSO4	71.17	70.00	71		
CO3	PO2, PO4, PO5, PO7, PO8, PO10, PO11	PSO1, PSO2, PSO3, PSO4	78.56	64.63	76		
CO4	PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO10,	PSO1, PSO2, PSO3, PSO4	35.82	67.26	42		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: IV

Subject: Landmark in World History

Name of the faculty member: Ms. Sonam Singh

Subject Code: UAHIS401

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2,PO4	PSO1,PSO2,PSO3	66.05	62.21	65	50	66
CO2	PO1, PO2,PO4,PO6, PO10	PSO1,PSO2,PSO3	66.56	70.42	67		
CO3	PO1, PO2,PO4,PO7	PSO1,PSO2,PSO3	67.31	69.37	68		
CO4	PO1, PO2,PO3,PO5, PO8, PO9	PSO1,PSO2,PSO3	62.48	67.05	63		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: IV

Subject: Foundation Course

Name of the faculty member: Ms. Ankita Tiwari

Subject Code: UAFC401

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO2,PO4,PO5,PO8, PO9,PO12	PSO1,PSO2,PSO4	77	69.16	75	50	53
CO2	PO3,PO4,PO5,PO6, PO8,	PSO3,PSO4	44	67.26	49		
CO3	PO2,PO3,PO5,PO8, PO12	PSO3,PSO4	36	63.68	41		
CO4	PO2,PO7,PO10,PO12	PSO1,PSO2,PSO3	41	66.21	46		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: IV

Subject: Development Psychology

Name of the faculty member: Ms. Deepa Podar

Subject Code: UAPSY402

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9,	PSO1, PS02, PSO3, PS04	54.56	69.26	58	50	54
CO2	PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9,	PSO1, PS02, PSO3, PS04	53.32	66.74	56		
CO3	PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9,	PSO1, PS02, PSO3, PS04	51.53	67.05	55		
CO4	PO1, PO2, PO3, PO4, PO5, PO7, PO8, PO9,	PSO1, PS02, PSO3, PS04	41.70	69.16	47		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF ARTS

Sem.: IV

Subject: Social Psychology

Name of the faculty member: Ms. Pooja Gandhi

Subject Code: UAPSY401

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO2,PO3,PO4, PO5,PO7,PO8,P10	PSO1,PSO2,PSO4, PSO5,PSO6	84.39	71.16	82	50	81
CO2	PO1,PO2,PO3,PO6, PO7,PO8,PO9	PSO1,PSO2,PSO4, PSO5,PSO6	81.13	69.26	79		
CO3	PO2,PO5,PO8,PO10	PSO1,PSO2,PSO4, PSO5,PSO6	85.19	67.79	82		
CO4	PO1,PO2,PO3,PO6, PO7,PO8,PO9	PSO1,PSO2,PSO4, PSO5,PSO6	85.67	73.68	83		



THIRD YEAR

Academic Year	2022-23	Class	TYBA
Program	BA (History)	SEMESTER	VI
Total Number of Students	18		

CO Attainment Percentage= (No. of Students attained) > 40/ Total no of Students)*100			
Attainment Level	1	2	3
Criteria	30 % to 40%	41% to 50%	More than 50%

CO ATTAINMENT						
Course	History of Medieval India (1526 CE – 1707 CE)	History of Contemporary India (1947 CE- 2000 CE)	Introduction to Museology and Archival Science/ Media and Communication	History of the Marathas (1707 CE - 1818 CE)	History of Asia (1945 CE -2000 CE)	Research Methodology and Sources of History/ Heritage Tourism in Maharashtra
No. of Students with marks > 40	15	17	15	13	12	15
CO Attainment Percentage	83	94	83	72	67	83
CO attainment Levels	3	3	3	3	3	3

Hence, the attainment level is Level 3 and the set target level is level 2. Therefore the course outcome is fully attained.



Academic Year	2022-23	Class	TYBA
Program	BA (Economics)	SEMESTER	VI
Total Number of Students	18		

CO Attainment Percentage= (No. of Students attained) > 40/ Total no of Students)*100			
Attainment Level	1	2	3
Criteria	30 % to 40%	41% to 50%	More than 50%

CO ATTAINMENT						
Course	Advanced Macroeconomics-III	International Economics	Industrial and Labour Economics-II	Research Methodology-II	Environmental Economics-II	History of Economics Thoughts-II
No. of Students with marks > 40	9	7	11	6	12	12
CO Attainment Percentage	50	39	61	33	67	67
CO attainment Levels	2	1	3	1	3	3

Hence, the attainment level is Level 2 and the set target level is level 2. Therefore the course outcome is fully attained.



Academic Year	2022-23	Class	TYBA
Program	BA (Psychology)	SEMESTER	VI
Total Number of Students	88		

CO Attainment Percentage= (No. of Students attained) > 40/ Total no of Students)*100			
Attainment Level	1	2	3
Criteria	30 % to 40%	41% to 50%	More than 50%

CO ATTAINMENT						
Course	Psychological Testing and Assessment and Statistics -Part II	Abnormal Psychology - Part II	Industrial and Organizational Psychology -Part II	Cognitive Psychology - Part II	Practicals in Cognitive Processes and Psychological Testing- Part II	Counseling Psychology-Part II
No. of Students with marks > 40	65	58	64	50	76	65
CO Attainment Percentage	74	66	73	57	86	74
CO attainment Levels	3	3	3	3	3	3

Hence, the attainment level is Level 3 and the set target level is level 2. Therefore the course outcome is fully attained.



**ATTAINMENT OF POs AND COs FOR
BACHELOR OF MASS MEDIA AND
COMMUNICATION**

FIRST YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MASS MEDIA AND COMMUNICATION

Sem.: II

Subject: Introduction to Journalism

Name of the faculty member: Ms.Prashant Kamble

Subject Code: BAMMIJ-205

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO4	PSO1, PSO2, PSO3	48	44.21	47	35	39
CO2	PO1, PO2, PO3	PSO1, PSO2, PSO4	38	44.00	39		
CO3	PO1, PO2, PO3	PSO3	31	44.11	34		
CO4	PO1, PO2, PO3	PSO4	35	43.47	37		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MASS MEDIA AND COMMUNICATION

Sem.: II

Subject: Introduction to Advertising

Name of the faculty member: Ms.Khushali Sanghvi

Subject Code: BAMMID-204

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO9	PSO2,PSO4	45	47.79	46	40	41
CO2	PO1, PO2, PO3	PSO2,PSO4	36	45.05	38		
CO3	PO1, PO2	PSO1, PSO2,PSO4	46	46.63	46		
CO4	PO1, PO2	PSO3	30	46.63	33		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MASS MEDIA AND COMMUNICATION

Sem.: II

Subject: Effective Communication

Name of the faculty member: Ms. Aniushka Joshi

Subject Code: BAMMEC-201

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO2, PO9,PO11,PO12	PSO1,PSO2,PSO4	46	37.16	45	40	46
CO2	PO2, PO5,PO6,PO11	PSO1,PSO3,PSO4	53	44.42	51		
CO3	PO2,PO11,PO12	PSO1,PSO2,PSO3, PSO4	40	38.11	40		
CO4	PO2, PO9,PO11,PO12	PSO3,PSO4	51	38.63	49		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MASS MEDIA AND COMMUNICATION

Sem.: II

Subject: Foundation Course

Name of the faculty member: Ms.Ankita Tiwari

Subject Code: BAMMFC-202

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO4, PO6	PSO1,PSO2	39	41.58	39	35	39
CO2	PO1, PO4	PSO1,PSO2	48	43.16	47		
CO3	PO1, PO6	PSO1	32	40.21	33		
CO4	PO1, PO4	PSO2	36	41.68	37		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MASS MEDIA AND COMMUNICATION

Sem.: II

Subject: Content Writing

Name of the faculty member: Ms. Khushali Sanghvi

Subject Code: BAMMCW-203

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO2,PO7,PO9, PO11,PO12	PSO1,PSO2,PSO3,PSO4	39	52.00	42	40	40
CO2	PO1,PO5,PO7,PO9, PO10,PO12	PSO1,PSO2,PSO3,PSO4	38	48.95	40		
CO3	PO1,PO2,PO3,PO7, PO8,PO12	PSO1,PSO2,PSO3,PSO4	39	49.79	41		
CO4	PO1,PO2,PO9,PO10, PO11,PO12	PSO1,PSO2,PSO3,PSO4	32	56.00	37		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MASS MEDIA AND COMMUNICATION

Sem.: II

Subject: Media, Gender and Culture

Name of the faculty member: Ms.Aniushka Joshi

Subject Code: BAMMMGC-206

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO2,PO3,PO4, PO5,PO6	PSO1,PSO2,PSO3, PSO4	66	30.00	59	40	60
CO2	PO3,PO4,PO5,PO9, PO10	PSO1,PSO2,PSO3, PSO4	45	250.00	86		
CO3	PO1,PO2,PO3,PO4, PO5,PO6	PSO2,PSO3,PSO4	47	70.00	52		
CO4	PO1,PO2,PO3,PO4, PO5	PSO1,PSO3,PSO4	51	19.05	45		



SECOND YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MASS MEDIA AND COMMUNICATION

Sem.: IV

Subject: Computers and MultiMedia - II

Name of the faculty member: Ms. Shimaila Malik

Subject Code: BAMMC CMM-406

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO7,PO8,PO9	PSO1,PSO2,PSO3	47	22.11	42	30	35
CO2	PO1,PO7,PO8,PO9, PO12	PSO1,PSO2,PSO3	27	20.74	25		
CO3	PO1,PO7,PO8,PO9, PO11	PSO1,PSO2,PSO3	45	21.26	40		
CO4	PO1,PO7,PO8,PO9, PO11	PSO1,PSO2,PSO3	33	19.26	31		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MASS MEDIA AND COMMUNICATION

Sem.: IV

Subject: Electronic Media - II

Name of the faculty member: Mr. Prashant Kamble

Subject Code: BAMMC EM-4011

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO4,PO5,PO9,PO10	PSO1,PSO2	68	0.00	54	40	51
CO2	PO1,PO11,PO12	PSO2,PSO3	46	12.50	39		
CO3	PO4,PO7,PO10	PSO1,PSO2	66	33.55	59		
CO4	PO1,PO10,PO11,PO12	PSO3,PSO4	66	38.10	60		
CO5	PO1,PO10,PO11,PO12	PSO3,PSO4	48	22.32	43		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MASS MEDIA AND COMMUNICATION

Sem.: IV

Subject: Mass Media and Ethics

Name of the faculty member: Mr. Prashant Kamble

Subject Code: BAMMC MLE-403

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO4,PO5,PO9	PSO2,PSO3	61	20.11	53	40	60
CO2	PO3,PO4,PO9	PSO2,PSO3	40	21.79	36		
CO3	PO3,PO4,PO5	PSO2,PSO3	97	50.64	88		
CO4	PO3,PO4,PO5	PSO2,PSO3	97	34.26	84		
CO5	PO3,PO4,PO5	PSO2,PSO3	43	20.84	38		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MASS MEDIA AND COMMUNICATION

Sem.: IV

Subject: Mass Media Research

Name of the faculty member: Mr. Prashant Kamble

Subject Code: BAMMC MMR-404

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO11,PO12	PSO3,PSO4	26	20.84	25	40	43
CO2	PO1,PO7,PO8, PO9	PSO1, PSO3,PSO4	34	23.05	32		
CO3	PO1,PO11,PO12	PSO1, PSO3,PSO4	49	21.26	44		
CO4	PO1,PO11,PO12	PSO1, PSO3,PSO4	31	44.73	34		
CO5	PO10,PO11,PO12	PSO1, PSO3,PSO4	97	35.79	85		
CO6	PO9,PO1,PO11,PO12	PSO3,PSO4	45	22.74	40		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MASS MEDIA AND COMMUNICATION

Sem.: IV

Subject: Film Communication - II

Name of the faculty member: Mr. Khushali Saghvi

Subject Code: BAMMC FCO-405

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO2,PO3	PSO1	61	20.95	53	40	60
CO2	PO2,PO3,PO12	PSO1	52	21.68	46		
CO3	PO2	PSO1,PSO3	91	41.46	81		
CO4	PO2	PSO1,PSO3	91	36.50	80		
CO5	PO2,PO3	PSO1	46	21.37	41		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MASS MEDIA AND COMMUNICATION

Sem.: IV

Subject: Writing and Editing for Media

Name of the faculty member: Mr. Prashant Kamble

Subject Code: BAMMC WEM-402

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO7,PO8,PO9	PSO1,PSO2,PSO3	54	14.32	46	40	41
CO2	PO1,PO7,PO8,PO9, PO12	PSO1,PSO2,PSO3	43	14.53	37		
CO3	PO1,PO7,PO8,PO9, PO11	PSO1,PSO2,PSO3	62	13.37	52		
CO4	PO1,PO7,PO8,PO9, PO11	PSO1,PSO2,PSO3	34	14.21	30		



THIRD YEAR

Academic Year	2022-23	Class	TYBAMMC
Program	B.A.M.M.C.	SEMESTER	VI
Total Number of Students	55		

CO Attainment Percentage= (No. of Students attained) > 40/ Total no of Students)*100			
Attainment Level	1	2	3
Criteria	30 % to 40%	41% to 50%	More than 50%

CO ATTAINMENT						
Course	Digital media	Advertising design	Advertising in contemporary society	Media planning and buying	Advertising and sales promotion	Entertainment and media management
No. of Students with marks > 40	45	52	43	43	44	43
CO Attainment Percentage	82	95	78	78	80	78
CO attainment Levels	3	3	3	3	3	3

Hence, the attainment level is Level 3 and the set target level is level 2. Therefore the course outcome is fully attained.



**ATTAINMENT OF POs AND COs FOR
BACHELOR OF COMMERCE**

FIRST YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: II

Subject: Business Communication

Name of the faculty member: Ms. Aniushka Joshi

Subject Code: UBCOMFSII.4

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	4	1	82.65	167.05	100	50	86
CO2	5	1	71.81	162.74	90		
CO3	4	1	57.74	156.95	78		
CO4	4	1	53.41	165.58	76		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: II

Subject: Accountancy and Financial Management

Name of the faculty member: Mr. Jayantilal Suthar

Subject Code: UBCOMFSII.1

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO3,PO6,PO8,PO10	PSO1,PSO3,PSO4	98.81	136.95	106	50	102
CO2	PO1,PO3,PO5,PO8,PO12	PSO2	96.90	128.84	103		
CO3	PO2,PO6,PO8,PO10,PO12	PSO4	94.76	148.95	106		
CO4	PO3,PO4,PO6,PO7,PO8,PO9,PO11	PSO2,PSO3	85.71	117.26	92		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: II

Subject: Mathematical & Statistical Techniques

Name of the faculty member: Ms. Sheetal Dixit

Subject Code: UBCOMFSII.7

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO5,PO7,PO10	PSO1	88.48	144.32	100	50	90
CO2	PO2,PO4,PO8,PO11, PO12	PSO2	83.49	144.95	96		
CO3	PO1, PO6, PO9	PSO2	77.67	134.74	89		
CO4	PO2,PO3,PO4,PO10	PSO1, PSO3	58.60	139.05	75		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: II

Subject: Commerce

Name of the faculty member: Ms. Khushboo Bidawatka

Subject Code: UBCOMFSII.2

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO3,PO4,PO5, PO7,PO8,PO11	PSO1,PSO3	51	144.32	69	50	70
CO2	PO1,PO2,PO4,PO5, PO7,PO8,PO10,PO12	PSO1,PSO3	56	144.95	74		
CO3	PO1,PO2,PO4,PO6, PO8,PO11,PO12	PSO2	78	134.74	89		
CO4	PO1,PO3,PO5,PO7, PO8,PO11,PO12	PSO3	60	139.05	76		
CO5	PO1,PO4,PO5,PO6, PO7,PO9,PO1, PO2,PO3	PSO2,PSO3	50	0.00	40		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: II

Subject: Environmental Studies

Name of the faculty member: Ms. Claret Chande

Subject Code: UBCOMFSII.5

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO5,PO7,PO10	PSO1	99.65	14.00	83	50	80
CO2	PO2,PO4,PO8,PO11, PO12	PSO2	96.15	55.50	88		
CO3	PO1, PO6, PO9	PSO2	73.78	85.79	76		
CO4	PO2,PO3,PO4,PO10	PSO1, PSO3	64.69	108.84	74		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: II

Subject: Economics

Name of the faculty member: Ms. Reenu Yadav

Subject Code: UBCOMFSII.3

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO3,PO6,PO8,PO10	PSO1,PSO3,PSO4	57.01	136.95	73	50	74
CO2	PO1,PO3,PO5,PO8,PO12	PSO2	68.81	128.84	81		
CO3	PO2,PO6,PO8,PO10,PO12	PSO4	60.58	148.95	78		
CO4	PO3,PO4,PO6,PO7,PO8,PO9,PO11	PSO2,PSO3	48.85	117.26	63		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: II

Subject: Foundation Course

Name of the faculty member: Ms. Ankita Tiwari

Subject Code: UBCOMFSII.6.1

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO2,PO3,PO5, PO6,PO9,PO12	PSO1,PSO2,PSO3	82.16	162.74	98	50	85
CO2	PO1,PO2,PO4, PO8, PO12	PSO2,PSO3	58.05	171.47	81		
CO3	PO7	PSO3	61.01	164.74	82		
CO4	PO10,PO11,PO12	PSO4	62.01	157.89	81		



SECOND YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: IV

Subject: Auditing

Name of the faculty member: Mr. Kailash Kalgutkar

Subject Code: UBCOMFSIV.2.1

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1	PSO1	6	100.32	25	50	60
CO2	PO4, PO6	PSO2, PSO4	60	94.42	67		
CO3	PO5, PO8, PO9	PSO3	63	108.84	72		
CO4	PO5, PO9	PSO1, PSO4	73	85.79	76		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: IV

Subject: Advertising

Name of the faculty member: Ms. Khushali Sanghvi

Subject Code: UBCOMFSIII.5.01

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2,PO3 ,PO4, PO5 ,PO6 ,PO7 ,PO9 ,	PSO1,PSO,PSO3	12	65.20	22	50	67
CO2	PO1, PO2,PO3 ,PO4, PO5 ,PO6 ,PO7 ,PO9 ,	PSO1,PSO3	36	240.80	77		
CO3	PO1, PO2,PO3 ,PO4, PO5 ,PO7 ,PO9 ,	PSO1,PSO,PSO3	61	100.80	69		
CO4	PO1, PO2,PO3 ,PO4, PO5 ,PO6 ,PO7 ,P08,	PSO1,PSO,PSO3	100	98.61	100		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: IV

Subject: Foundation Course

Name of the faculty member: Ms. Ankita Tiwari

Subject Code: UBCOMFSIV.6

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO5, PO7, PO8, PO10, PO11	PSO1, PSO2, PSO3	59	88.00	65	50	51
CO2	PO1, PO3, PO4, PO6, PO7, PO8, PO9,	PSO1, PSO2, PSO3	30	93.79	43		
CO3	PO1, PO2, PO3, PO4, PO7, PO9, PO10,	PSO1, PSO2, PSO3	39	105.68	53		
CO4	PO1, PO2, PO5, PO7, PO8, PO10, PO11	PSO1, PSO2, PSO3	29	93.79	42		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: IV

Subject: Commerce

Name of the faculty member: Ms. Khushboo Bidawatka

Subject Code: UBCOMFSIV.3

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO5,PO7,PO10	PSO1	99.68	100.32	100	50	89
CO2	PO2,PO4,PO8,PO11, PO12		96.10	94.42	96		
CO3	PO1, PO6, PO9	PSO2	85.71	108.84	90		
CO4	PO2,PO3,PO4,PO10	PSO1, PSO3	64.61	85.79	69		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: IV

Subject: Accounting for Financial Management

Name of the faculty member: Mr. Jayantilal Suthar

Subject Code: UBCOMFSIV.1

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1 PO5 PO8	PSO2	99.09	100.32	99	50	85
CO2	PO2 PO11	PSO2 PSO3	67.88	94.42	73		
CO3	PO1 PO3 PO5 PO7 PO10	PSO2	67.27	108.84	76		
CO4	PO4	PSO1	95.15	85.79	93		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: IV

Subject: Business Economics

Name of the faculty member: Ms. Reenu Yadav

Subject Code: UBCOMFSIV.4

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO3, PO4, PO5, PO10, PO12	PSO1, PSO2	84.11	68.63	81	50	67
CO2	PO2, PO4, PO5, PO8, PO9, PO10, PO12	PSO1, PSO2, PSO3, PSO4	68.96	83.37	72		
CO3	PO1, PO4, PO5, PO6, PO11, PO12	PSO1, PSO2, PSO3, PSO4	61.56	72.63	64		
CO4	PO9, PO11	PSO1, PSO2	42.72	95.89	53		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE

Sem.: IV

Subject: Law

Name of the faculty member: Ms. Shweta Singh

Subject Code: UBCOMFSIV.7

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO2,PO3,PO4,	PO1	74.67	58.74	71	50	65
CO2	PO1,PO3,PO5,PO10	PO1	68.06	38.00	62		
CO3	PO3,PO4,PO5	PO1	70.01	56.00	67		
CO4	PO1,PO3,PO5	PO1	64.34	46.32	61		



THIRD YEAR

Academic Year	2022-23	Class	TYBCOM
Program	BCOM	SEMESTER	VI
Total Number of Students	162		

CO Attainment Percentage= (No. of Students attained) > 40/ Total no of Students)*100			
Attainment Level	1	2	3
Criteria	30 % to 40%	41% to 50%	More than 50%

CO ATTAINMENT						
Course	Financial Accounting and Auditing IX - Financial Accounting	Financial Accounting and Auditing X - Cost Accounting	Commerce - VI	Business Economics - VI	Export Marketing - II	Direct & Indirect Taxation - II
No. of Students with marks > 40	100	109	112	128	138	146
CO Attainment Percentage	62	67	69	79	85	90
CO attainment Levels	3	3	3	3	3	3

Hence, the attainment level is Level 3 and the set target level is level 2. Therefore the course outcome is fully attained.



**ATTAINMENT OF POs AND COs FOR
BACHELOR OF MANAGEMENT STUDIES**

FIRST YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: II

Subject: Principles of Management

Name of the faculty member: Ms. Sonali Devadiga

Subject Code: UBMSFSII.2

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	P1, P5, P8, P11	PSO 1	93	93.26	93	70	76
CO2	P3, P4, P11	PSO 2	70	96.32	75		
CO3	P2, P8	PSO1	80	90.00	82		
CO4	P4, P6, P12	PSO 3	66	92.95	71		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE

DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: II

Subject: Principles of Marketing

Name of the faculty member: Mr. Rahul Kushwaha

Subject Code: UBMSFSII.1

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8,	PSO1, PSO2, PSO3	96	91.26	95	70	92
CO2	PO1, PO2, PO4, PO5, PO6, PO7, PO9,	PSO1, PSO2, PSO3, PSO4	96	94.32	96		
CO3	PO1, PO2, PO3, PO4, PO5, PO7, PO8,	PSO1, PSO3, PSO4	86	95.05	88		
CO4	PO1, PO2, PO5, PO6, PO7, PO8, PO9,	PSO1, PSO2, PSO3,	94	88.42	93		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: II

Subject: Industrial Law

Name of the faculty member: Ms. Shweta Singh

Subject Code: UBMSFSII.2

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO2, PO5, PO6	PSO1	58	93.58	65	70	64
CO2	PO3, PO5, PO6	PSO4	60	95.26	67		
CO3	PO3, PO4, PO5, PO6	PSO4	57	90.84	64		
CO4	PO1, PO2	PSO4	54	91.89	61		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: II

Subject: Business Communication - II

Name of the faculty member: Ms. Anishka Joshi

Subject Code: UBMSFSII.4

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	P1, P5, P8, P11	PSO 1	73	0.00	59	70	70
CO2	P3, P4, P11	PSO 2	56	270.00	99		
CO3	P2, P8	PSO1	54	80.00	59		
CO4	P4, P6, P12	PSO 3	59	21.37	51		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: II

Subject: Business Environment

Name of the faculty member: Mr. Jainish Gotecha

Subject Code: UBMSFSII.6

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO11	PSO1	92	95.68	92	70	82
CO2	PO3, PO5	PSO3	83	88.32	84		
CO3	PO3, PO12	PSO4	76	94.11	80		
CO4	PO3, PO11, PO12	PSO4	81	88.95	83		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: II

Subject: Business Mathematics

Name of the faculty member: Ms. Sheetal Dixit

Subject Code: UBMSFSII.3

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO2,PO3 & PO10	PSO1 & PSO2	82	91.58	84	70	76
CO2	PO1,PO2,PO8,PO9 & PO10	PSO1 & PSO2	69	90.74	73		
CO3	PO1,PO2,PO8 & PO10	PSO1 ,PSO2 & PSO3	66	84.84	70		
CO4	PO1,PO2,PO8,PO9 & PO10	PSO1 ,PSO2 & PSO3	54	90.00	61		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE

DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: II

Subject: Foundation Course - II

Name of the faculty member: Ms. Ankita Tiwari

Subject Code: UBMSFSII.5.1

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO5, PO7, PO8, PO10, PO11	PSO1, PSO2, PSO3	93	94.53	93	70	72
CO2	PO1, PO3, PO4, PO6, PO7, PO8, PO9,	PSO1, PSO2, PSO3	68	94.42	73		
CO3	PO1, PO2, PO3, PO4, PO7, PO9, PO10,	PSO1, PSO2, PSO3	68	95.05	74		
CO4	PO1, PO2, PO5, PO7, PO8, PO10, PO11	PSO1, PSO2, PSO3	64	94.42	70		



SECOND YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: IV

Subject: Integrated Marketing Communication

Name of the faculty member: Mr. Rahul Kushwaha

Subject Code: UBMSFSIV.1.05

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO3,PO8	PSO1	93	48.42	84	50	69
CO2	PO1,PO12	PSO 1	72	47.79	67		
CO3	PO1,PO10,PO12	PSO3	71	47.16	66		
CO4	PO12	PSO4	62	51.79	60		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: **IV**

Subject: Information Technology in Business Management - II

Name of the faculty member: Mr. Rahul Kushwaha

Subject Code: UBMSFSIV.2

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO11	PSO1	93	49.47	84	50	62
CO2	PO1,PO5	PSO3	63	50.63	60		
CO3	PO5,PO9	PSO4	68	52.32	65		
CO4	PO1,PO8,PO12	PSO2	60	51.47	58		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: IV

Subject: Business Research Methods

Name of the faculty member: Ms. Sonali Devadiga

Subject Code: UBMSFSIV.4

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO11	PSO1	95	49.37	86	50	61
CO2	PO1,PO5	PSO3	72	50.00	68		
CO3	PO5,PO9	PSO4	76	51.05	71		
CO4	PO1,PO8,PO12	PSO2	64	48.53	61		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: **IV**

Subject: Business Economics - II

Name of the faculty member: Ms. Ranjani Shukla

Subject Code: UBMSFSIV.5

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO12	PSO1	66	48.32	63	50	50
CO2	PO10, PO12	PSO4	54	48.21	52		
CO3	PO10, PO12	PSO3	57	46.42	55		
CO4	PO10, PO12	PSO4	24	47.16	28		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: IV

Subject: Production and Total Quality Management

Name of the faculty member: Mr. Vaqar Bubere

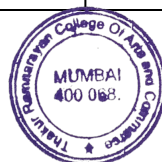
Subject Code: UBMSFSIV.6

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO8, PO10, PO12	PSO1	46	48.74	46	35	39
CO2	PO1, PO12	PSO3	35	50.00	38		
CO3	PO9, PO10	PSO2	25	48.63	30		
CO4	PO9, PO10	PSO2	39	48.84	41		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: IV

Subject: Information Technology in Business Management - II

Name of the faculty member: Mr. Rahul Kushwaha

Subject Code: UBMSFSIV.2

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO11	PSO1	96	49.47	87	50	65
CO2	PO1,PO5	PSO3	74	50.63	69		
CO3	PO5,PO9	PSO4	75	52.32	70		
CO4	PO1,PO8,PO12	PSO2	63	51.47	61		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: IV

Subject: Business Economics - II

Name of the faculty member: Ms. Ranjani Shukla

Subject Code: UBMSFSIV.5

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO12	PSO1	71	46.00	66	50	52
CO2	PO10, PO12	PSO4	60	45.05	57		
CO3	PO10, PO12	PSO3	50	47.26	49		
CO4	PO10, PO12	PSO4	31	46.95	34		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: IV

Subject: Production and Total Quality Management

Name of the faculty member: Mr. Vaqar Bubere

Subject Code: UBMSFSIV.6

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO8, PO10, PO12	PSO1	86	44.00	77	50	67
CO2	PO1, PO12	PSO3	78	41.37	70		
CO3	PO9, PO10	PSO2	60	43.89	57		
CO4	PO9, PO10	PSO2	68	45.47	63		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: **IV**

Subject: Business Research Methods

Name of the faculty member: Ms. Sonali Devadiga

Subject Code: UBMSFSIV.4

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO11	PSO1	96	46.00	86	70	71
CO2	PO1,PO5	PSO3	74	45.05	68		
CO3	PO5,PO9	PSO4	75	47.26	69		
CO4	PO1,PO8,PO12	PSO2	63	46.95	60		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: IV

Subject: Corporate Restructuring

Name of the faculty member: Mr. Kailash Kalgutkar

Subject Code: UBMSFSIV.1.04

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO12	PSO1	97	47.47	87	70	70
CO2	PO1,PO12	PSO2,PSO3	61	42.32	58		
CO3	PO1,PO12	PSO2,PSO3	81	42.32	73		
CO4	PO1,PO12	PSO1,PSO4	67	44.21	62		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: IV

Subject: Auditing

Name of the faculty member: Mr. Hardik Goradiya

Subject Code: UBMSFSIV.1.02

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO2,PO4,PO8, P010	PSO3	99	80.00	95	70	91
CO2	PO1,PO3,PO7	PSO1,PSO3	64	270.00	105		
CO3	PO1,PO5,PO6,PO10, PO11,PO12	PSO2,PSO3	81	260.00	117		
CO4	PO2,PO4,PO7,PO9, PO12	PSO3	57	0.00	46		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: IV

Subject: Rural Marketing

Name of the faculty member: Mr. Jainish Gotecha

Subject Code: UBMSFSIV.1.06

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8,	PSO2, PSO3, PSO4	95	47.58	85	70	82
CO2	PO2, PO3, PO5, PO7, PO9, PO10, PO11,	PSO1, PSO2, PSO4	88	49.58	81		
CO3	PO1, PO2, PO3, PO5, PO7, PO8, PO9,	PSO1, PSO3, PSO4	94	49.05	85		
CO4	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10,	PSO1, PSO2, PSO3, PS	84	47.79	77		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: **IV**

Subject: Foundation Course (Ethics and Governance)- IV

Name of the faculty member: Mr. Jainish Gotecha

Subject Code: UBMSFSIV.3.01

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8,	01, PSO2, PSO3, PS	98	46.74	87	70	79
CO2	PO2, PO3, PO5, PO6, PO7, PO8, PO9,	PSO2, PSO3, PSO4	89	44.63	80		
CO3	PO1, PO2, PO3, PO5, PO6, PO7, PO8, PO9,	01, PSO2, PSO3, PS	91	44.95	82		
CO4	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9,	PS01, PSO2, PSO3	87	45.05	79		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE

DEPARTMENT OF BACHELOR OF MANAGEMENT STUDIES

Sem.: **IV**

Subject: Foundation Course (Ethics and Governance)- IV

Name of the faculty member: Mr. Jainish Gotecha

Subject Code: UBMSFSIV.3.01

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8,	01, PSO2, PSO3, PS	95	55.26	87	70	82
CO2	PO2, PO3, PO5, PO6, PO7, PO8, PO9,	PSO2, PSO3, PSO4	94	49.47	85		
CO3	PO1, PO2, PO3, PO5, PO6, PO7, PO8, PO9,	01, PSO2, PSO3, PS	90	47.26	82		
CO4	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9,	PS01, PSO2, PSO3	90	49.16	82		



THIRD YEAR

Academic Year	2022-23	Class	TYBMS
Program	BMS	SEMESTER	VI
Total Number of Students	59		

CO Attainment Percentage= (No. of Students attained) > 40/ Total no of Students)*100			
Attainment Level	1	2	3
Criteria	30 % to 40%	41% to 50%	More than 50%

CO ATTAINMENT						
Course	International Finance	Project Management	Strategic Financial Management	Indirect Taxes	Operation Research	Project Work
No. of Students with marks > 40	55	54	56	57	55	59
CO Attainment Percentage	93	92	95	97	93	100
CO attainment Levels	3	3	3	3	3	3

Hence, the attainment level is Level 3 and the set target level is level 2. Therefore the course outcome is fully attained.



Academic Year	2022-23	Class	TYBMS
Program	BMS	SEMESTER	VI
Total Number of Students	86		

CO Attainment Percentage= (No. of Students attained) > 40/ Total no of Students)*100			
Attainment Level	1	2	3
Criteria	30 % to 40%	41% to 50%	More than 50%

CO ATTAINMENT						
Course	Operation Research	Brand Management	Retail Management	International Marketing	Media Planning and Management	Project Work
No. of Students with marks > 40	78	83	82	83	81	86
CO Attainment Percentage	91	97	95	97	94	100
CO attainment Levels	3	3	3	3	3	3

Hence, the attainment level is Level 3 and the set target level is level 2. Therefore the course outcome is fully attained.



**ATTAINMENT OF POs AND COs FOR
BACHELOR OF COMMERCE IN
ACCOUNTING AND FINANCE**

FIRST YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: II

Subject: Foundation Course

Name of the faculty member: Ms. Ankita Tiwari

Subject Code:UA_FFSII.5.1

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1 , PO3 & PO5	PSO3	72	68.63	72	50	55
CO2	PO3 , PO4 & PO7	PSO3	51	67.05	54		
CO3	PO1,PO3 , PO4 & PO5	PSO3	41	66.95	46		
CO4	PO2 , PO4 & PO7	PSO3	41	69.37	47		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: II

Subject: Business Mathematics

Name of the faculty member: Ms. Sheetal Dixit

Subject Code:UA_FFSII.7

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO4,PO5,PO8,PO10, PO11	PSO3,POS4	74	0.00	59	50	53
CO2	PO3,PO6,PO8,PO9, PO11	PSO1,PSO2,PSO3, PSO,4	62	0.00	49		
CO3	PO8,PO10,PO11	PSO1,PSO2,PSO4	64	0.00	51		
CO4	PO2,PO8,PO8,PO11	PSO1,PSO2	65	0.00	52		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: II

Subject: Innovation Financial Services

Name of the faculty member: Ms. Advitya Shrivastav

Subject Code:UA_FFSII.3

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO4,PO5,PO8,PO10, PO11	PSO3,POS4	91	70.53	87	50	79
CO2	PO3,PO6,PO8,PO9, PO11	PSO1,PSO2,PSO3, PSO,4	77	71.05	76		
CO3	PO8,PO10,PO11	PSO1,PSO2,PSO4	83	70.42	80		
CO4	PO2,PO8,PO8,PO11	PSO1,PSO2	74	70.84	73		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: II

Subject: Auditing

Name of the faculty member: Ms. Advitya Shrivastav

Subject Code:UA_FFSII.2

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2,PO5, PO8, PO10,PO11	PSO4	70	71.16	70	50	62
CO2	PO1,PO2,PO5,PO6, PO8,PO9	PSO1,PSO2	57	70.53	60		
CO3	PO1,PO2,PO5,PO6, PO9,PO10	PSO1,PSO4	70	70.00	70		
CO4	PO1,PO2,PO9,PO11	PSO1,PSO2,PSO3	42	69.16	47		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: II

Subject: LAW

Name of the faculty member: Ms. Shweta Tiwari

Subject Code:UA_FFSII.6

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO4	PSO2,PSO3	79	70.53	77	50	66
CO2	PO1,PO4,PO5	PSO2,PSO3	65	70.32	66		
CO3	PO1,PO2,PO4,PO5	PSO3	69	70.74	69		
CO4	PO1,PO2,PO3	PSO2,PSO3	48	69.47	52		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: II

Subject: Business Communication

Name of the faculty member: Ms. Anishka Joshi

Subject Code:UA_FFSII.4

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	2	1	79	72.74	78	50	74
CO2	3	1	70	71.58	70		
CO3	3	1	82	71.16	80		
CO4	3	1	67	71.79	68		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: II

Subject: Financial Accounting

Name of the faculty member: Mr. Hardik Goradiya

Subject Code:UA_FFSII.1

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO2,PO8	PSO1,PSO2,PSO3, PSO4	84	68.84	81	50	64
CO2	PO1,PO9,PO10	PSO2	53	69.79	56		
CO3	PO1		58	69.68	60		
CO4	PO1	PSO1, PSO2, PSO3,PSO4	57	67.05	59		



SECOND YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: IV

Subject: Information Technology in Accounting

Name of the faculty member: Ms. Advitya Shrivastav

Subject Code:UA_FFSIV.6

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9,	PO1, PSO2, PSO3, PS	96	55.68	88	50	67
CO2	PO1, PO6, PO8, PO9, PO10, PO12	PSO1, PSO2, PSO3	45	54.32	47		
CO3	PO1, PO6, PO8, PO9, PO10, PO11	PO1, PSO2, PSO3, PS	85	51.05	78		
CO4	PO1, PO5, PO6, PO8, PO9, PO10, PO11,	PSO1, PSO3, PSO4	59	47.68	57		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: IV

Subject: Management Accounting

Name of the faculty member: Mr. Hardik Goradiya

Subject Code:UA_FFSIV.2

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1	PSO1	75	57.79	72	50	54
CO2	PO4, PO6	PSO2, PSO4	44	57.79	47		
CO3	PO5, PO8, PO9	PSO3	54	59.68	55		
CO4	PO5, PO9	PSO1, PSO4	38	57.47	42		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: IV

Subject: Foundation Course

Name of the faculty member: Ms. Shweta Singh

Subject Code:UA_FFSIV.7.1

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	P1,P2,P5,P7,P8,P9, P11	PSO1,PS2,PS3	90	0.00	72	50	58
CO2	P1,P3,P4,P5,P8,P3, P10,P11,P12	PSO1,PSO2	68	0.00	54		
CO3	P1,P2,P4,P6,P7,P8, P10,P12	PSO3	77	0.00	62		
CO4	P1,P6,P7,P8	PSO1,PSO2	55	0.00	44		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: IV

Subject: Business Law

Name of the faculty member: Mr. Hardik Goradiya

Subject Code:UA_FFSIV.8

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	P1,P2,P5,P7,P8,P9, P11	PSO1,PS2,PS3	78	0.00	63	50	89
CO2	P1,P3,P4,P5,P8,P3, P10,P11,P12	PSO1,PSO2	67	380.00	130		
CO3	P1,P2,P4,P6,P7,P8, P10,P12	PSO3	68	270.00	109		
CO4	P1,P6,P7,P8	PSO1,PSO2	67	0.00	54		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: IV

Subject: Research Methodology

Name of the faculty member: Ms. Daksha Choudhary

Subject Code:UA_FFSIV.9

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO5, PO12	PSO1	67	53.89	64	50	72
CO2	PO7, PO9, PO11	PSO3	75	56.42	71		
CO3	PO6, PO8, PO10	PSO2	85	55.47	79		
CO4	PO2, PO3, PO4	PSO3	77	54.63	73		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: IV

Subject: Taxation

Name of the faculty member: Ms. Advitya Shrivastav

Subject Code:UA_FFSIV.4

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO2,PO5,PO7, PO8,PO9,PO10	PSO1,PSO2,PSO3	91	58.63	85	50	72
CO2	PO1,PO2	PSO2	62	60.00	62		
CO3	PO1,PO2,PO3,PO5, PO12	PSO1	92	54.84	84		
CO4	PO1,PO2,PO3,PO5, PO6,PO9,PO10,PO12	PSO4	58	47.37	56		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF BACHELOR OF COMMERCE (ACCOUNTING AND FINANCE)

Sem.: IV

Subject: Financial Management

Name of the faculty member: Mr. Hardik Goradiya

Subject Code:UA_FFSIV.1

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO4, PO12	PSO2	72	56.42	69	50	80
CO2	PO2PO6PO11	PSO1	85	57.16	79		
CO3	PO1PO10PO12	PSO3	87	54.21	80		
CO4	PO3PO5PO9	PSO2	99	67.69	93		
CO5	PO2PO4PO7	PSO3	85	53.37	78		



THIRD YEAR

Academic Year	2022-23	Class	TYBAF
Program	BAF	SEMESTER	VI
Total Number of Students	77		

CO Attainment Percentage= (No. of Students attained) > 40/ Total no of Students)*100			
Attainment Level	1	2	3
Criteria	30 % to 40%	41% to 50%	More than 50%

CO ATTAINMENT						
Course	Financial Accounting - VII	Brand Management	Retail Management	International Marketing	Media Planning and Management	Project Work
No. of Students with marks > 40	69	60	60	62	64	75
CO Attainment Percentage	90	78	78	81	83	97
CO attainment Levels	3	3	3	3	3	3

Hence, the attainment level is Level 3 and the set target level is level 2. Therefore the course outcome is fully attained.



**ATTAINMENT OF POs AND COs FOR
BACHELOR OF SCIENCE IN
INFORMATION TECHNOLOGY**

FIRST YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. INFORMATION TECHNOLOGY

Sem.: II

Subject: Fundamentals of Micro Processor and Micro Controllers

Name of the faculty member: Mr.Vishal Sharms

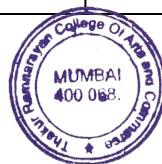
Subject Code: USIT2P2

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO5, PO7, PO9, PO11,	PSO1, PSO2, PSO3	31	100.00	45	35	38
CO2	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO9,	PSO1, PSO2, PSO3	43	100.00	54		
CO3	PO1, PO2, PO3, PO4, PO5, PO6, PO9,	PSO1, PSO2, PSO3	4	100.00	23		
CO4	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9,	PSO1, PSO2, PSO3	7	100.00	26		
CO5	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9,	PSO1, PSO2, PSO3	28	100.00	42		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. INFORMATION TECHNOLOGY

Sem.: II

Subject: Web Application Development

Name of the faculty member: Ms. Komal Jambhale

Subject Code:USIT2P3

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO5, PO7, PO8, PO10, PO11	PSO1, PSO2, PSO3	31	100	70	35	43
CO2	PO1, PO3, PO4, PO6, PO7, PO8, PO9, PO11, PO12	PSO1, PSO2, PSO3	43	100	54		
CO3	PO1, PO2, PO3, PO4, PO7, PO9, PO10, PO12	PSO1, PSO2, PSO3	4	100	23		
CO4	PO1, PO2, PO5, PO7, PO8, PO10, PO11	PSO1, PSO2, PSO3	7	100	26		
CO5	PO1, PO3, PO4, PO6, PO7, PO8, PO9, PO11, PO12	PSO1, PSO2, PSO3	28	100	43		

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. INFORMATION TECHNOLOGY

Sem.: II

Subject: Green IT

Name of the faculty member: Ms. Ashita Sharma

Subject Code:USIT205

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO5, PO7, PO8, PO10, PO11	PSO1, PSO2, PSO3	31	100.00	45	35	38
CO2	PO1, PO3, PO4, PO6, PO7, PO8, PO9,	PSO1, PSO2, PSO3	43	100.00	54		
CO3	PO1, PO2, PO3, PO4, PO7, PO9, PO10,	PSO1, PSO2, PSO3	4	100.00	23		
CO4	PO1, PO2, PO5, PO7, PO8, PO10, PO11	PSO1, PSO2, PSO3	7	100.00	26		
CO5	PO1, PO3, PO4, PO6, PO7, PO8, PO9,	PSO1, PSO2, PSO3	28	100.00	42		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. INFORMATION TECHNOLOGY

Sem.: II

Subject: Object Oriented Programming with C++

Name of the faculty member: Ms. Deepika

Subject Code:USIT201

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO3, PO5, PO9, PO11	PSO1, PSO3	54	82.74	60	35	59
CO2	PO2, PO4, PO6, PO12	PSO1, PSO3	68	83.37	71		
CO3	PO1, PO7, PO9	PSO1, PSO3	59	82.95	64		
CO4	PO3, PO5, PO8, PO10, PO12	PSO2	53	84.11	59		
CO5	PO3, PO10, PO11	PSO2	39	43.16	40		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. INFORMATION TECHNOLOGY

Sem.: II

Subject: Numerical Method+

Name of the faculty member: Mr. Manish Pithadia

Subject Code:USIT204

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1,PO2,PO4,PO8, PO10	PSO3	54	82.74	60	35	59
CO2	PO1,PO3,PO7	PSO1,PSO3	68	83.37	71		
CO3	PO1,PO5,PO6,PO10, PO11,PO12	PSO2,PSO3	59	82.95	63		
CO4	PO2,PO4,PO7,PO9, PO12	PSO3	53	84.11	59		
CO5	PO1,PO3,PO7	PSO1,PSO3	39	43.16	40		



SECOND YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. INFORMATION TECHNOLOGY

Sem.: IV

Subject: Introduction to Embedded System

Name of the faculty member: Ms. Ashlesha Gurav

Subject Code:USIT4P2

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO4,PO5,PO9,PO10	PSO1,PSO2	68	0.00	54	35	51
CO2	PO1,PO11,PO12	PSO2,PSO3	46	12.50	39		
CO3	PO4,PO7,PO10	PSO1,PSO2	66	33.55	60		
CO4	PO1,PO10,PO11,PO12	PSO3,PSO4	66	38.10	60		
CO5	PO1,PO10,PO11,PO12	PSO3,PSO4	48	22.32	43		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. INFORMATION TECHNOLOGY

Sem.: IV

Subject: Software Engineering

Name of the faculty member: Mr. Komal Jambhale

Subject Code:USIT404

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO6 & PO11	PSO1 & PSO3	54	82.74	60	35	59
CO2	PO3, PO4, PO6, PO11	PSO1,PSO2	68	83.37	71		
CO3	PO6 & PO11	PSO1,PSO3 & PSO4	59	82.95	64		
CO4	PO4,PO6 & PO11	PSO1,PSO2 & PSO4	53	84.11	59		
CO5	PO4,PO6 & PO11	PSO1,PSO3 & PSO4	39	43.16	40		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. INFORMATION TECHNOLOGY

Sem.: IV

Subject: Core Java

Name of the faculty member: Mr. Sumeet Rathod

Subject Code:USIT401

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO3, PO5, PO9, PO11	PSO1, PSO3	61	20.95	53	35	60
CO2	PO2, PO4, PO6, PO12	PSO1, PSO3	52	21.68	46		
CO3	PO1, PO7, PO9	PSO1, PSO3	91	41.46	81		
CO4	PO3, PO5, PO8, PO10, PO12	PSO2	91	36.50	80		
CO5	PO3, PO10, PO11	PSO2	46	21.37	41		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. INFORMATION TECHNOLOGY

Sem.: IV

Subject: Computer Graphics and Animation

Name of the faculty member: Mr. Vishal Sharm

Subject Code:USIT405

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO3	PSO1, PSO4	73	46.63	68	35	64
CO2	PO1, PO4, PO5	PSO1, PSO3	68	42.84	63		
CO3	PO1, PO4,PO5	PSO1, PSO3	69	42.42	64		
CO4	PO1, PO4, PO6	PSO1, PSO3	64	41.26	60		
CO5	PO1, PO12	PSO1, PSO2	68	42.63	63		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. INFORMATION TECHNOLOGY

Sem.: **IV**

Subject: Computer Oriented Statistical Techniques

Name of the faculty member: Mr. Riddhi Pandya

Subject Code:USIT403

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1.PO2.PO3	PSO1,PSO2	31	100.00	45	35	38
CO2	PO4,PO5,PO6	PSO2,PSO3	43	100.00	54		
CO3	PO7,PO8	PSO1,PSO3	4	100.00	23		
CO4	PO9,PO10	PSO1,PSO3	7	100.00	26		
CO5	PO11.PO12	PSO2,PSO3	28	100.00	42		



THIRD YEAR

Academic Year	2022-23	Class	TYBSc. I.T.
Program	BSc. I.T.	SEMESTER	VI
Total Number of Students	60		

CO Attainment Percentage= (No. of Students attained) > 40/ Total no of Students)*100			
Attainment Level	1	2	3
Criteria	30 % to 40%	41% to 50%	More than 50%

CO ATTAINMENT					
Course	Software Qlty. Assurance	Security in Computing	Business Intelligence	Principles of G.I.S.	IT Service Management
No. of Students with marks > 40	56	55	57	58	56
CO Attainment Percentage	93	92	95	97	93
CO attainment Levels	3	3	3	3	3

Hence, the attainment level is Level 3 and the set target level is level 2. Therefore the course outcome is fully attained.



**ATTAINMENT OF POs AND COs FOR
BACHELOR OF SCIENCE IN COMPUTER
SCIENCE**

FIRST YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS AND SCIENCE, MUMBAI

DEPARTMENT OF B.Sc. COMPUTER SCIENCE

DEPARTMENT OF COMPUTER SCIENCE

Sem.: II

Subject: Introduction to OOPs using C++

Name of the faculty member: Ms. Sumathi Rajkumar

Subject Code: USCS203

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment (%)
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO4 & PO5	PSO2	75	83.05	77	70	74
CO2	PO3, PO4 & PO6	PSO2	72	81.05	74		
CO3	PO3, PO5, PO6 & PO8	PSO3 & PSO4	68	81.16	71		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: II

Subject: E-Commerce and Digital Marketing

Name of the faculty member: Ms. Jainish Gotecha

Subject Code:USCS207

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO5 & PO12	PSO1 & PSO3	74	79.26	75	50	57
CO2	PO1, PO2, PO3, PO5 & PO12	PSO1 & PSO3	45	72.84	50		
CO3	PO1, PO2, PO3, PO5 & PO12	PSO1 & PSO3	39	73.16	46		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: II

Subject: E-Commerce and Digital Marketing

Name of the faculty member: Ms. Jainish Gotecha

Subject Code:USCS207

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO4 , PO7, PO8, PO9, PO10, PO11 PO12	PSO1 , PSO2 ,PSO3	72	74.21	72	50	70
CO2	PO1, PO2, PO3, PO4 , PO5, PO6, PO8, PO9, PO10, PO11 PO12	PSO1 , PSO3 ,PSO4	60	76.32	63		
CO3	PO1, PO2, PO3, PO4 , PO6, PO8, PO9, PO10, PO11 PO12	PSO2 , PSO3 ,PSO4	73	74.74	73		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: II

Subject: Design & Analysis of Algorithms

Name of the faculty member: Ms. Mahima Yogeeswara

Subject Code: USCS201

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO3, PO4, PO5 & PO9	PSO1, PSO2 & PSO3	72	97.89	77	50	74
CO2	PO1, PO3, PO4 & PO5	PSO1, PSO2 & PSO3	63	155.05	81		
CO3	PO1, PO3, PO4, PO5 & PO9	PSO1, PSO2 & PSO3	74	16.32	62		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: II

Subject: Calculus

Name of the faculty member: Mr. Vinith kumar Dubey

Subject Code: USCS205

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO4, PO5 & PO6	PSO1 & PSO4	66	64.63	66	50	63
CO2	PO1, PO2, PO3, PO6, PO8 & PO10	PSO1 & PSO3	54	64.74	56		
CO3	PO2, PO3, PO4, PO6 & PO10	PSO1 , PSO2 & PSO4	65	70.00	66		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: II

Subject: Statistical Methods

Name of the faculty member: Ms. Hridya Nair

Subject Code:USCS206

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO3, PO5	PSO1	74	23.79	64	50	52
CO2	PO1, PO2, PO4, PO5 , PO10,P11, PO12	PSO2 & PSO3	45	73.47	51		
CO3	PO1, PO5, PO6, PO7 & PO8	PSO1 ,PSO2,PSO3	39	45.47	40		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: II

Subject: Advanced Python Programming

Name of the faculty member: Ms. Vidhi Desai SYCS

Subject Code: USCS202

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO3, PO4, PO5 & PO9	PSO1, PSO2 & PSO3	66	77.26	68	50	64
CO2	PO1, PO3, PO4 & PO5	PSO1, PSO2 & PSO3	54	75.26	58		
CO3	PO1, PO3, PO4, PO5 & PO9	PSO1, PSO2 & PSO3	64	74.74	66		



SECOND YEAR

THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: IV

Subject: Computer Networks

Name of the faculty member: Ms. Mahima Yogeeshwarar

Subject Code: USCS402

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO3, PO5, PO9 & PO12	PSO1 & PSO3	70	40.00	64	50	62
CO2	PO3 PO7 & PO9	PSO1 & PSO3	78	22.42	67		
CO3	PO1,PO3, & PO5	PSO1 & PSO3	65	19.89	56		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: **IV**

Subject: Advanced Application Development

Name of the faculty member: Ms. Riddhi Pandya

Subject Code: USCS406

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO5 & PO12	PSO1 & PSO3	62	29.37	56	50	54
CO2	PO1, PO2, PO3, PO5 & PO12	PSO1 & PSO3	61	29.26	55		
CO3	PO1, PO2, PO3, PO5 & PO12	PSO1 & PSO3	59	27.26	53		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: IV

Subject: Software Engineering

Name of the faculty member: Mr. Raashid Shaikh

Subject Code: USCS403

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO3, PO4, PO6, PO7, PO8, PO9,	PSO1, PSO2, PSO3	78	34.42	69	50	67
CO2	PO1, PO2, PO3, PO4, PO7, PO9, PO10,	PSO1, PSO2, PSO3	80	34.53	71		
CO3	PO1, PO2, PO5, PO7, PO8, PO10, PO11	PSO1, PSO2, PSO3	66	35.05	60		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: IV

Subject: THEORY OF COMPUTATION

Name of the faculty member: Mr. Mahima Yogeshwarar

Subject Code:USCS404

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO4, PO5, PO6, PO7 & PO9	PSO1, PSO3 & PSO4	77	35.68	69	50	70
CO2	PO1, PO4, PO5, PO9 & PO12	PSO4	76	32.42	67		
CO3	PO1, PO4, PO5 & PO12	PSO3 & PSO4	82	35.79	73		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: IV

Subject: Mangement and Entrepreneurship

Name of the faculty member: Mr. Jainish Gotecha

Subject Code: USCS407

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO5 & PO12	PSO1 & PSO3	91	3.37	73	50	70
CO2	PO1, PO2, PO3, PO5 & PO12	PSO1 & PSO3	82	27.47	71		
CO3	PO1, PO2, PO3, PO5 & PO12	PSO1 & PSO3	73	35.47	66		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: IV

Subject: Android Application Development

Name of the faculty member: Mr. Raashid Shaikh

Subject Code:USCS405

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO5,PO6 & PO11	PSO1 & PSO3	77	31.47	68	50	68
CO2	PO4, PO5, PO6, PO11	PSO1,PSO2 & PSO4	75	31.26	66		
CO3	PO3, PO5, PO6 & PO11	PSO1,PSO2 & PSO4	81	31.16	71		



THAKUR RAMNARAYAN COLLEGE OF ARTS & COMMERCE
DEPARTMENT OF B.Sc. COMPUTER SCIENCE

Sem.: IV

Subject: IOT Technologies

Name of the faculty member: Mr. Mahima Yogeshwarar

Subject Code:USCS404

(I) CO Attainment

A: Direct assessment (80%)-Tests, Assignment, Examination

B: Indirect assessment (20%)-Course end survey

COs	Mapping of POs	Mapping of PSOs	Direct Assessment	Indirect Assessment	Overall Attainment	Target (%)	Attainment
			(a)	(b)	0.8 (a) + 0.2(b)		
CO1	PO1, PO2, PO3, PO5 & PO12	PSO1 & PSO3	75	34.95	67	50	67
CO2	PO1, PO2, PO3, PO5 & PO12	PSO1 & PSO3	75	33.37	67		
CO3	PO1, PO2, PO3, PO5 & PO12	PSO1 & PSO3	74	33.68	66		



THIRD YEAR

Academic Year	2022-23	Class	TYBSc. C.S.
Program	BSc. C.S.	SEMESTER	VI
Total Number of Students	37		

CO Attainment Percentage= (No. of Students attained) > 40/ Total no of Students)*100			
Attainment Level	1	2	3
Criteria	30 % to 40%	41% to 50%	More than 50%

CO ATTAINMENT						
Course	Wireless Sensor Networks and Mobile Communication	Cloud Computing	Information Retrieval	Information Retrieval	Ethical Hacking	Project Implementation
No. of Students with marks > 40	29	28	30	35	34	13
CO Attainment Percentage	78	76	81	95	92	35
CO attainment Levels	3	3	3	3	3	1

Hence, the attainment level is Level 3 and the set target level is level 2. Therefore the course outcome is fully attained.

