

BBA

CO-PO ATTAINMENT

Name of Course: **Business Accounting**

Name of Faculty: **Prof. Reenu Jacob**

CO-PO ATTAINMENT AND ATR

Subject name: Business Accounting	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	3	2	0	1	0	1	1	2	2	2
CO2	1	3	2	0	1	0	0	0	2	2	2
CO3	1	3	2	0	1	0	0	0	2	2	2
CO4	1	3	2	0	1	0	0	0	2	2	2
CO5	1	3	2	0	1	0	0	0	2	2	2
CO6	1	3	2	0	1	0	0	0	2	2	2
Expected PO Att	1.00	3.00	2.00	0	1.00	0	1.00	1.00	2.00	2.00	2.00

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.34	0.45	1.34	0.89	0.00	0.45	0.00	0.45	0.45	0.89	0.89
CO2	1.16	0.39	1.16	0.77	0.00	0.39	0.00	0.00	0.00	0.77	0.77
CO3	2.05	0.68	2.05	1.37	0.00	0.68	0.00	0.00	0.00	1.37	1.37
CO4	2.74	0.91	2.74	1.83	0.00	0.91	0.00	0.00	0.00	1.83	1.83
CO5	2.74	0.91	2.74	1.83	0.00	0.91	0.00	0.00	0.00	1.83	1.83
CO6											
Average COA	2.01										
Actual PO Att	0.67	2.01	1.34	0	0.67	0	0.45	0.45	1.34	1.34	

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.33	0.99	0.66	0.00	0.33	0.00	0.55	0.55	0.66	0.66

ATR


	Action Proposed (enter where applicable)
Content	Remedial class and Group study
Pedagogy	
Tutorials/ collaborative study	Remedial classes suggested To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Remedial class and Group study.
Sequencing of Topics	Nil
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Reenu Jacob	Dr. Kuppachi Sreedhar	Prof. Renu Mathew
Signature			
Date	1/11/2022		8/11/2022

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Fundamentals of Business Statistics

Name of Faculty: Prof. Keerthi Gopalakrishnan

CO-PO ATTAINMENT AND ATR

Subject name: Fundamentals of Business Statistics	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	1	2	1	0	0	0	2	1	1	
CO2	3	2	3	2	1	2	1	2	2	2	
CO3	1	3	2	1	2	1	1	2	1	3	
CO4	2	3	3	1	1	2	2	0	1	3	
CO5	3	2	2	0	0	2	0	1	1	2	
CO6											
Expected PO Att	2.00	2.20	2.40	1.25	1.33	1.75	1.33	1.75	1.20	2.20	


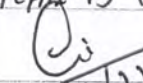

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.58	0.53	0.53	1.05	0.53	0.00	0.00	0.00	1.05	0.53	0.53
CO2	2.24	2.24	1.49	2.24	1.49	0.75	1.49	0.75	1.49	1.49	1.49
CO3	1.24	0.41	1.24	0.83	0.41	0.83	0.41	0.41	0.83	0.41	1.24
CO4	1.18	0.79	1.18	1.18	0.39	0.39	0.79	0.79	0.00	0.39	1.18
CO5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO6											
Average COA	1.56										
Actual PO Att	0.99	1.11	1.33	0.71	0.66	0.90	0.65	1.12	0.71	1.11	

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	1.01	1.09	1.08	0.54	0.68	0.85	0.68	0.63	0.49	1.09

ATR

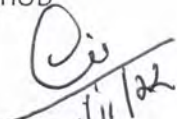
	Action Proposed (enter where applicable)
Content	Group study.
Pedagogy	More statistical problems should suggested
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Group study.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Keerthi	Dr. K. B. VISAYAM	Pipu Mathew
Signature			
Date	25/11/2022	29/11/22	29/11/2022

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


29/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Fundamentals of Business Mathematics

Name of Faculty: prof. Neeraj S Unnithan

CO-PO ATTAINMENT AND ATR

Subject name: Fundamentals of Business Mathematics	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	2	3	3	3	2	1	1	1	1	2
CO2	1	3	3	2	1	1	0	0	1	2
CO3	2	3	2	2	0	1	1	0	1	1
CO4	0	1	1	1	0	0	0	0	0	1
CO5	1	2	0	1	0	0	0	2	0	1
CO6										
Expected PO Att	1.50	2.40	2.25	1.80	1.50	1.00	1.00	1.50	1.00	1.40

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.26	0.84	1.26	1.26	0.84	0.42	0.42	0.42	0.42	0.84
CO2	1.26	0.42	1.26	0.84	0.42	0.42	0.00	0.00	0.42	0.84
CO3	1.33	0.89	1.33	0.89	0.00	0.44	0.44	0.00	0.44	0.44
CO4	0.26	0.00	0.09	0.09	0.00	0.00	0.00	0.00	0.00	0.09
CO5	0.92	0.31	0.61	0.00	0.31	0.00	0.00	0.61	0.00	0.31
CO6										
Avg.CO Att	1.56									
Actual PO Att	0.61	0.91	0.87	0.68	0.63	0.43	0.43	0.52	0.43	0.50

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.89	1.49	1.38	1.12	0.87	0.57	0.57	0.98	0.57	0.90

ATR

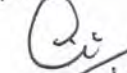
	Action Proposed (enter where applicable)
Content	To be simplified
Pedagogy	Emphasis on Peers Learning
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Not required
Sequencing of Topics	Remains the same
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Nesraj S. Chandran	A. KILILYAN	Riju Mathew
Signature			
Date	27/10/2022	8/11/22	8/11/2022

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: **PRINCIPLES AND METHODOLOGY OF MANAGEMENT**
 Name of Faculty: prof. Akhil B Vijayan

CO-PO ATTAINMENT AND ATR

Subject name: PRINCIPLES AND METHODOLOGY OF MANAGEMENT	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	3	0	2	1	2	1	1	1	2	2	0
CO2	3	0	2	0	2	2	1	1	2	2	0
CO3	3	0	2	2	1	2	3	1	2	2	0
CO4	2	2	0	0	0	1	0	0	2	2	0
CO5											
CO6											
Expected PO Att	2.20	1.00	1.50	1.00	1.25	1.20	1.25	0.75	1.60	0.00	

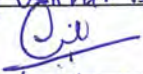
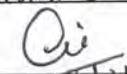

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.21	2.2	0.0	1.5	0.7	1.5	0.7	0.7	0.7	1.5	0.0
CO2	1.74	1.7	0.0	1.2	0.0	1.2	1.2	0.6	0.6	1.2	0.0
CO3	2.53	2.5	0.0	1.7	1.7	0.8	1.7	2.5	0.8	1.7	0.0
CO4	1.66	1.1	1.1	0.0	0.0	0.0	0.6	0.0	0.0	1.1	0.0
CO5		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CO6											
Average COA	1.63										
Actual PO Att	1.90	1.11	1.44	1.21	1.16	1.03	1.28	0.72	1.36	0	

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.30	-0.11	0.06	-0.21	0.09	0.17	-0.03	0.03	0.24	0.00

ATR

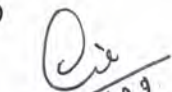
	Action Proposed (enter where applicable)
Content	Case analysis can be added.
Pedagogy	Case study to be added.
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Case analysis.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Akhil B Vijayan	Akhil B. Vijayan	
Signature			
Date	16/10/22	20/10/22	20/10/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Business Communication

Name of Faculty: Prof. Akhil B Vijayan

CO-PO ATTAINMENT AND ATR

Subject name: Business Communication	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	0	1	0	3	2	1	2	2	2	2
CO2	2	0	2	0	3	3	1	2	2	2	2
CO3	2	0	2	0	3	3	1	2	2	2	2
CO4	2	0	3	0	3	2	1	2	2	2	2
CO5	2	0	3	3	3	2	1	2	2	2	2
CO6											
Expected PO Att	2.00	0	2.20	3.00	3.00	2.40	1.00	2.00	2.00	2.00	2.00




CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.08	1.39	0.00	0.69	0.00	2.08	1.39	0.69	1.39	1.39	1.39
CO2	1.11	0.74	0.00	0.74	0.00	1.11	1.11	0.37	0.74	0.74	0.74
CO3	2	1.33	0.00	1.33	0.00	2.00	2.00	0.67	1.33	1.33	1.33
CO4	2.5	1.67	0.00	2.50	0.00	2.50	1.67	0.83	1.67	1.67	1.67
CO5	1.66	1.11	0.00	1.66	1.66	1.66	1.11	0.55	1.11	1.11	1.11
CO6											
Average COA	1.87										
Actual PO Att	1.25	0	1.39	1.66	1.87	1.45	0.62	1.25	1.25	1.25	

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.75	0.00	0.81	1.34	1.13	0.95	0.38	0.75	0.75	0.75

ATR


	Action Proposed (enter where applicable)
Content	Assignments and seminar
Pedagogy	More real time examples should be given
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Group Assignments.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Akhil B. vijayaraj	Akhil B. VIJAYAN	Rina Mathew
Signature			
Date	26/03/23	11/04/23	11/04/2023

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Mathematics for Management

Name of Faculty: Prof. Neeraj S Unnithan

CO-PO ATTAINMENT AND ATR

Subject: Mathematics for Management	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	3	3	3	2	1	1	1	1	1	2
CO2	1	3	3	2	1	1	0	0	0	1	2
CO3	2	3	2	2	0	1	1	0	0	1	2
CO4	0	1	1	1	0	0	0	0	0	0	1
CO5	1	2	0	1	0	0	0	0	2	0	1
CO6											
Expected PO Att	1.50	2.40	2.25	1.80	1.50	1.00	1.00	1.50	1.00	1.40	

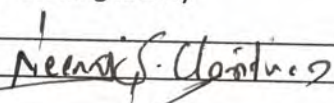
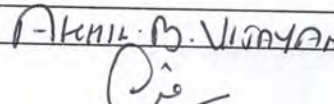
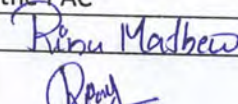
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.45	0.97	1.45	1.45	0.97	0.48	0.48	0.48	0.48	0.97
CO2	1.53	0.51	1.53	1.02	0.51	0.51	0.00	0.00	0.51	1.02
CO3	1.29	0.86	1.29	0.86	0.00	0.43	0.43	0.00	0.43	0.43
CO4	0.18	0.00	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.06
CO5	1.18	0.39	0.79	0.00	0.39	0.00	0.00	0.00	0.00	0.39
CO6								0.79	0.00	0.39
Average COA	1.13									
Actual PO Att	0.68	1.02	0.98	0.76	0.74	0.47	0.46	0.64	0.47	0.57

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.82	1.38	1.28	1.04	0.76	0.53	0.54	0.87	0.53	0.83

ATR


	Action Proposed (enter where applicable)
Content	To be simplified.
Pedagogy	Emphasis on peer learning
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Not required
Sequencing of Topics	Remains the same
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Neesha S. Chandrasekhar	Akhil B. Vijayan	Rinu Mathew
Signature			
Date	23/3/2023	11/4/23	11/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

Name of Course: **Statistics for Management**

Name of Faculty: **Prof. Keerthi Gopalakrishnan**

CO-PO ATTAINMENT AND ATR

Subject name: Statistics for Management	Mapping CO PO									
	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO 2
CO	2	0	1	0	3	2	1	2	2	2
CO1	2	0	2	0	3	3	1	2	2	2
CO2	2	0	2	0	3	3	1	2	2	2
CO3	2	0	3	0	3	2	1	2	2	2
CO4	2	0	3	3	3	2	1	2	2	2
CO5										
CO6										
Expected PO Att	2.00	0	2.20	3.00	3.00	2.40	1.00	2.00	2.00	2.00


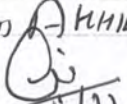

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.08	1.39	0.00	0.69	0.00	2.08	1.39	0.69	1.39	1.39
CO2	1.11	0.74	0.00	0.74	0.00	1.11	1.11	0.37	0.74	0.74
CO3	2	1.33	0.00	1.33	0.00	2.00	2.00	0.67	1.33	1.33
CO4	2.5	1.67	0.00	2.50	0.00	2.50	1.67	0.83	1.67	1.67
CO5	1.66	1.11	0.00	1.66	1.66	1.66	1.11	0.55	1.11	1.11
CO6										
Average COA										
Actual PO Att	1.25	0 1.87	1.39	1.66	1.87	1.45	0.62	1.25	1.25	1.25

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.75	0.00	0.81	1.34	1.13	0.95	0.38	0.75	0.75	0.75

ATR

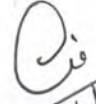
	Action Proposed (enter where applicable)
Content	
Pedagogy	More combined study suggested
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Group study and assignments.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Keerthi Gopalan	A. K. B. N. N. N.	Rinu Mathew
Signature			
Date	23/3/2023	11/4/22	11/4/22

Presented in the FCM on 20/4/22 and approved/modified as follows:

Area Chair/HOD


20/4/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Cost & Management Accounting

Name of Faculty: PROF Reenu Jacob

CO-PO ATTAINMENT AND ATR

Subject name: Cost & Management Accounting	Mapping CO PO									
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	3	1	0	2	0	0	0	2	2
CO2	1	3	2	0	2	0	0	0	2	2
CO3	1	3	2	0	2	0	0	0	2	2
CO4	1	3	1	0	2	0	0	0	2	2
CO5	1	3	3	1	2	0	0	0	2	2
CO6										
Expected PO Att	1.20	3.00	1.80	1.00	2.00	0	0	0	2.00	2.00

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.16	1.44	2.16	0.72	0.00	1.44	0.00	0.00	1.44	1.44
CO2	1.82	0.61	1.82	1.21	0.00	1.21	0.00	0.00	1.21	1.21
CO3	0.84	0.28	0.84	0.56	0.00	0.56	0.00	0.00	0.56	0.56
CO4	0.63	0.21	0.63	0.21	0.00	0.42	0.00	0.00	0.42	0.42
CO5	1.97	0.66	1.97	1.97	0.66	1.31	0.00	0.00	1.31	1.31
CO6										
Average COA	1.48									
Actual PO Att	0.64	1.48	0.93	0.66	0.99	0	0	0	0.99	0.99

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.56	1.52	0.87	0.34	1.01	0.00	0.00	0.00	1.01	1.01

ATR


	Action Proposed (enter where applicable)
Content	Caselets can be added
Pedagogy	Case study to be added.
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	
Sequencing of Topics	NIU
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Reenu Jacob	Dr. Kuppali Srinivas	Rinu Mathew
Signature			
Date	12/4/23		11/04/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Human Resource Management

Name of Faculty: Dr. Joby Jose

CO-PO ATTAINMENT AND ATR

Subject name: Human Resource Management	Mapping CO PO									
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	3	0	2	1	2	2	2	0	3	3
CO2	2	3	2	3	3	2	2	2	3	3
CO3	2	3	2	3	3	2	2	0	3	3
CO4	2	2	2	2	3	2	2	0	3	3
CO5	2	1	2	2	2	2	2	0	3	3
CO6										
Expected PO Att	2.20	2.25	2.00	2.20	2.60	2.00	2.00	2.00	3.00	3.00


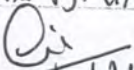

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2	2.00	0.00	1.33	0.67	1.33	1.33	1.33	0.00	2.00	2.00
CO2	2	1.33	2.00	1.33	2.00	2.00	1.33	1.33	1.33	2.00	2.00
CO3	2	1.33	2.00	1.33	2.00	2.00	1.33	1.33	0.00	2.00	2.00
CO4	1	0.67	0.67	0.67	0.67	1.00	0.67	0.67	0.00	1.00	1.00
CO5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO6											
Average COA	1.75										
Actual PO Att	1.33	1.56	1.17	1.33	1.58	1.17	1.17	1.33	1.75	1.75	

Difference	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.87	0.69	0.83	0.87	1.02	0.83	0.83	0.67	1.25	1.25

ATR

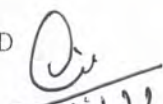
	Action Proposed (enter where applicable)
Content	Assignments and Seminars.
Pedagogy	Add more assignments.
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Assignments and Seminars.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Joby Jose	ARCHIL B. VIJAYAN	Rinu Mathew
Signature			
Date	12/10/2022	12/10/22	28/10/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: **Marketing Management**

Name of Faculty: **Dr.Arun Vijay**

CO-PO ATTAINMENT AND ATR

Subject name: Marketing Management	Mapping CO PO									
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1
CO1	3	0	2	1	2	2	2	0	3	3
CO2	2	3	2	3	3	2	2	2	3	3
CO3	2	3	2	3	3	2	2	0	3	3
CO4	2	2	2	2	3	2	2	0	3	3
CO5	2	1	2	2	2	2	2	0	3	3
CO6										
Expected PO Att	2.20	2.25	2.00	2.20	2.60	2.00	2.00	2.00	3.00	3.00

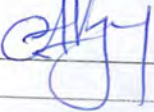
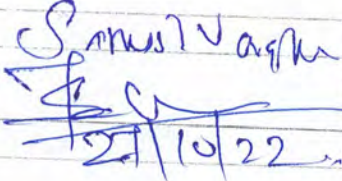
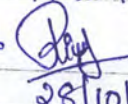
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.48	1.48	0.00	0.99	0.49	0.99	0.99	0.99	0.00	1.48	1.48
CO2	2.55	1.70	2.55	1.70	2.55	2.55	1.70	1.70	1.70	2.55	2.55
CO3	1.03	0.69	1.03	0.69	1.03	1.03	0.69	0.69	0.00	1.03	1.03
CO4	2.5	1.67	1.67	1.67	1.67	2.50	1.67	1.67	0.00	2.50	2.50
CO5	1.3	0.87	0.43	0.87	0.87	0.87	0.87	0.87	0.00	1.30	1.30
CO6											
Average COA	1.77										
Actual PO Att	1.28	1.42	1.18	1.32	1.59	1.18	1.18	1.70	1.77	1.77	

Difference	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.92	0.83	0.82	0.88	1.01	0.82	0.82	0.30	1.23	1.23

ATR

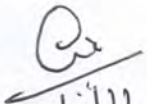
	Action Proposed (enter where applicable)
Content	Provide real time examples.
Pedagogy	Marketing Games Suggested
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Marketing game and Product launch
Sequencing of Topics	Nil
Any other (specify)	Nil

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Arun Vijay.	Sanus Vagha	Rinu Mathew
Signature			
Date		21/10/22	28/10/2022

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: **Business Law**

Name of Faculty: **Dr. Sruthi Vijayakrishnan**

CO-PO ATTAINMENT AND ATR

Subject name: Business Law	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	0	1	0	2	1	3	1	1	1	1
CO2	2	0	2	0	2	1	3	1	1	1	1
CO3	2	0	3	0	3	1	3	1	1	1	1
CO4	1	0	2	3	1	2	2	1	3	2	2
CO5	1	1	0	0	1	1	1	2	2	2	1
CO6											
Expected PO Att	1.60	1.00	2.00	3.00	1.80	1.20	2.40	1.20	1.60	1.20	

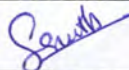
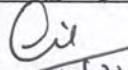
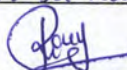
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.58	1.72	0.00	0.86	0.00	1.72	0.86	2.58	0.86	0.86	0.86
CO2	1.5	1.00	0.00	1.00	0.00	1.00	0.50	1.50	0.50	0.50	0.50
CO3	2.51	1.67	0.00	2.51	0.00	2.51	0.84	2.51	0.84	0.84	0.84
CO4	1.55	0.52	0.00	1.03	1.55	0.52	1.03	1.03	0.52	1.55	1.03
CO5	0.15	0.05	0.05	0.00	0.00	0.05	0.05	0.05	0.10	0.10	0.05
CO6											
Average COA	1.66										
Actual PO Att											

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.61	0.95	0.65	1.45	0.64	0.54	0.87	0.64	0.83	0.54

ATR

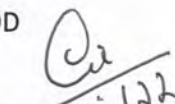
	Action Proposed (enter where applicable)
Content	Include more case analysis
Pedagogy	More real life examples should be given
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Assignments and group study.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Sauthi Vijayakrishnan	AHIL B. VIJAYAN	Rinu Madhew
Signature			
Date	23/10/2022	28/10/22	28/10/2022

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Research Methodology

Name of Faculty: Rajisha R

CO-PO ATTAINMENT AND ATR

Subject name: Research Methodology	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	1	2	2	2	2	3	2	2	2	2
CO2	2	1	2	2	2	2	2	2	2	2	2
CO3	2	2	3	2	2	3	3	2	2	2	2
CO4	2	3	3	2	3	2	2	2	2	2	2
CO5	2	1.6	2.2	2	2.2	2.2	2.2	2	2	2	2
CO6											
Expected PO Att	2.00	1.72	2.44	2.00	2.24	2.24	2.44	2.00	2.00	2.00	2.00

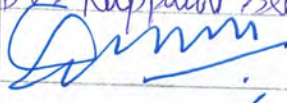

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	0.67	0.33	0.67	0.67	0.67	0.67	1.00	0.67	0.67
CO2	2	1.33	0.67	1.33	1.33	1.33	1.33	1.33	1.33	1.33
CO3	1	0.67	0.67	1.00	0.67	0.67	1.00	1.00	0.67	0.67
CO4	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO5	2	1.33	1.07	1.47	1.33	1.47	1.47	1.47	1.33	1.33
CO6										
Average COA	1.5									
Actual PO Att	1.00	0.68	1.12	1.00	1.03	1.12	1.20	1.00	1.00	1.00

Difference	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	1.00	0.68	1.12	1.00	1.03	1.12	1.20	1.00	1.00	1.00

ATR

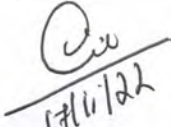
	Action Proposed (enter where applicable)
Content	
Pedagogy	More real time examples should be given
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Group assignments.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Rajisha . R	Dr. Kuppachi Seemay	Rinu Mathew
Signature			
Date	16/10/2022		23/10/2022

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Basic Informatics for Management

Name of Faculty: Prof. Renjitha R

CO-PO ATTAINMENT AND ATR

Subject name: Basic Informatics for Management	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	2	1	3	1	1	1	1	1	3	3
CO2	1	2	2	3	1	1	1	1	1	3	3
CO3	1	2	3	3	1	1	1	1	1	3	3
CO4	1	2	3	3	1	1	1	1	1	3	3
CO5	1	1	0	0	1	1	1	1	2	2	1
CO6											
Expected PO Att	1.00	1.80	2.25	3.00	1.00	1.00	1.00	1.20	2.80	2.60	

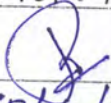


CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.98	0.66	1.32	0.66	1.98	0.66	0.66	0.66	0.66	1.98	1.98
CO2	1.78	0.59	1.19	1.19	1.78	0.59	0.59	0.59	0.59	1.78	1.78
CO3	2	0.67	1.33	2.00	2.00	0.67	0.67	0.67	0.67	2.00	2.00
CO4	1.35	0.45	0.90	1.35	1.35	0.45	0.45	0.45	0.45	1.35	1.35
CO5	2.2	0.73	0.73	0.00	0.00	0.73	0.73	0.73	1.47	1.47	0.73
CO6											
Average COA	1.86										
Actual PO Att	0.62	1.09	1.30	1.78	0.62	0.62	0.62	0.77	1.72	1.57	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.38	0.71	0.95	1.22	0.38	0.38	0.38	0.43	1.08	1.03

ATR

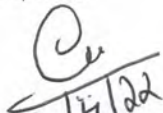
	Action Proposed (enter where applicable)
Content	More. Practical classes
Pedagogy	Practical oriented classes suggested
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Practical classes in computer lab
Sequencing of Topics	Nil
Any other (specify)	Nil.

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Renjith R	Dr R Wsantan Pongy	Rinu Mathew
Signature			
Date	10/3/23		11/4/2023

Presented in the FCM on 20/4/22 and approved/modified as follows:

Area Chair/HOD


20/4/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: **Corporate Laws**
 Name of Faculty: Prof. Sona Sebastian

CO-PO ATTAINMENT AND ATR

Subject name: Corporate Laws	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	0	2	0	1	1	2	1	1	1	1
CO2	1	0	2	0	2	2	2	1	1	1	1
CO3	1	0	2	2	3	2	2	1	1	1	1
CO4	1	0	2	2	2	2	2	1	1	1	1
CO5	1	1	0	0	1	1	1	2	2	2	1
CO6											
Expected PO Att	1.00	1.00	2.00	2.00	1.80	1.60	1.80	1.20	1.20	1.00	1.00

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.53	0.51	0.00	1.02	0.00	0.51	0.51	1.02	0.51	0.51	0.51
CO2	1.5	0.50	0.00	1.00	0.00	1.00	1.00	1.00	0.50	0.50	0.50
CO3	1.35	0.45	0.00	0.90	0.90	1.35	0.90	0.90	0.45	0.45	0.45
CO4	0.9	0.30	0.00	0.60	0.60	0.60	0.60	0.60	0.30	0.30	0.30
CO5	1.93	0.64	0.64	0.00	0.00	0.64	0.64	0.64	1.29	1.29	0.64
CO6											
Average COA	1.44										
Actual PO Att	0.48	0.64	0.88	0.75	0.82	0.73	0.83	0.61	0.61	0.48	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.52	0.36	1.12	1.25	0.98	0.87	0.97	0.59	0.59	0.52

Name of Course: **Managerial Economics**

Name of Faculty: **prof. Sheena B S**

CO-PO ATTAINMENT AND ATR

Subject name: Managerial Economics	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	1	1	0	1	1	1	1	0	2	2
CO2	1	1	1	0	2	1	2	2	0	2	0
CO3	1	2	2	0	2	1	2	2	0	2	0
CO4	1	2	2	0	2	1	2	2	0	2	2
CO5	1	1	1	0	2	2	2	2	0	2	2
CO6											
Expected PO Att	1.00	1.40	1.40	0	1.80	1.20	1.80	0	2.00	2.00	


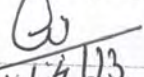
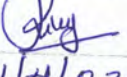
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.88	0.96	0.96	0.96	0.00	0.96	0.96	0.96	0.00	1.92	1.92
CO2	1.82	0.61	0.61	0.61	0.00	1.21	0.61	1.21	0.00	1.21	0.00
CO3	1.88	0.63	1.25	1.25	0.00	1.25	0.63	1.25	0.00	1.25	0.00
CO4	1.76	0.59	1.17	1.17	0.00	1.17	0.59	1.17	0.00	1.17	1.17
CO5	2.52	0.84	0.84	0.84	0.00	1.68	1.68	1.68	0.00	1.68	1.68
CO6											
Average COA	2.17										
Actual PO Att	0.72	0.97	0.97	0	1.26	0.89	1.26	0	1.45	1.59	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.28	0.43	0.43	0.00	0.54	0.31	0.54	0.00	0.55	0.41

ATR


Content	Action Proposed (enter where applicable)
Pedagogy	Group study suggested
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Group Study Suggested & Assignments.
Sequencing of Topics	Nil
Any other (specify)	Nil

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Sheena BS	A. HANU. B. VIJAYAM	Rinu Mathew
Signature			
Date	22/8/2022	11/4/23	11/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


11/04/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Entrepreneurship
 Name of Faculty: Dr. Sruthi Vijayakrishnan

CO-PO ATTAINMENT AND ATR

Subject name: Entrepreneurship	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	0	0	0	1	3	2	2	3	0	
CO2	1	0	0	3	1	3	2	2	3	0	
CO3	2	3	2	2	1	3	2	2	3	0	
CO4	1	1	3	3	3	3	3	2	3	3	
CO5	2	1	3	3	3	3	3	2	3	3	
CO6											
Expected PO Att	1.60	1.67	2.67	2.75	1.80	3.00	2.40	2.00	3.00	3.00	

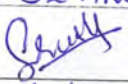
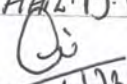

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.83	1.89	0.00	0.00	0.00	0.94	2.83	1.89	1.89	2.83	0.00
CO2	2.03	0.68	0.00	0.00	2.03	0.68	2.03	1.35	1.35	2.03	0.00
CO3	2.72	1.81	2.72	1.81	1.81	0.91	2.72	1.81	1.81	2.72	0.00
CO4	1.1	0.37	0.37	1.10	1.10	1.10	1.10	1.10	0.73	1.10	1.10
CO5	1.08	0.72	0.36	1.08	1.08	1.08	1.08	1.08	0.72	1.08	1.08
CO6											
Average COA	2.17										
Actual PO Att	1.09	1.15	1.33	1.51	0.94	1.95	1.45	1.30	1.95	1.09	

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.51	0.52	1.34	1.24	0.86	1.05	0.95	0.70	1.05	1.91

ATR


	Action Proposed (enter where applicable)
Content	Seminars.
Pedagogy	Seminars suggested
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Seminars and Assignment -
Sequencing of Topics	Nil
Any other (specify)	Nil

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Senthil Vijayakumar	A. HANU B. VIJAYAM	Rinu Mathew
Signature			
Date	26/3/2023	11/04/23	11/4/2023

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Financial Management

Name of Faculty: prof. Rinu Mathew

CO-PO ATTAINMENT AND ATR

Subject name: Financial Management	Mapping CO PO										
	CO	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO 2
CO1	3	0	2	1	2	2	2	2	0	3	3
CO2	2	3	2	3	3	2	2	2	2	3	3
CO3	2	3	2	3	3	2	2	2	0	3	3
CO4	2	2	2	2	3	2	2	2	0	3	3
CO5	2	1	2	2	2	2	2	2	0	3	3
CO6											
Expected PO Att	2.20	2.25	2.00	2.20	2.60	2.00	2.00	2.00	2.00	3.00	3.00

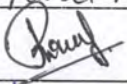
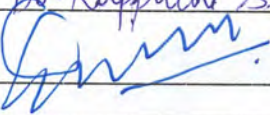
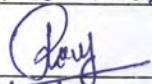
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.58	1.58	0.00	1.05	0.53	1.05	1.05	1.05	0.00	1.58	1.58
CO2	2.4	1.60	2.40	1.60	2.40	2.40	1.60	1.60	1.60	2.40	2.40
CO3	1.5	1.00	1.50	1.00	1.50	1.50	1.00	1.00	0.00	1.50	1.50
CO4	1.3	0.87	0.87	0.87	0.87	1.30	0.87	0.87	0.00	1.30	1.30
CO5	1.4	0.93	0.47	0.93	0.93	0.93	0.93	0.93	0.00	1.40	1.40
CO6											
Average COA	1.64										
Actual PO Att	1.20	1.31	1.09	1.25	1.44	1.09	1.09	1.60	1.64	1.64	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	1.00	0.94	0.91	0.95	1.16	0.91	0.91	0.40	1.36	1.36

ATR

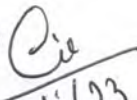
	Action Proposed (enter where applicable)
Content	To be simplified
Pedagogy	Peer learning, group discussions
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Case Study Analysis
Sequencing of Topics	Remains Same
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Rinu Mathew	Dr. Kuppachi Sreenivas	Rinu Mathew
Signature			
Date	26/3/2022		11/4/2023

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


17/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Capital Market & Investment Management

Name of Faculty: Dr. Kuppachi Sreenivas

CO-PO ATTAINMENT AND ATR

Subject name: Capital Market & Investment Management	Mapping CO PO										
	CO	PO 1	PO 2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO 2
CO1	2	1	1	0	1	2	1	1	1	1	0
CO2	2	0	0	1	1	1	1	1	1	1	0
CO3	1	0	0	0	1	1	1	1	1	1	1
CO4	1	1	0	0	0	1	0	1	1	1	0
CO5	2	1	1	0	1	0	0	1	0	0	0
CO6											
Expected PO Att	1.60	1.00	1.00	1.00	1.00	1.25	1.00	1.00	1.00	1.00	1.00

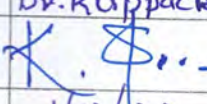

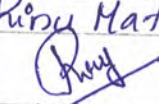
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.05	1.37	0.68	0.68	0.00	0.68	1.37	0.68	0.68	0.68	0.00
CO2	1.25	0.83	0.00	0.00	0.42	0.42	0.42	0.42	0.42	0.42	0.00
CO3	1.45	0.48	0.00	0.00	0.00	0.48	0.48	0.48	0.48	0.48	0.48
CO4	1.28	0.43	0.43	0.00	0.00	0.00	0.43	0.00	0.43	0.43	0.00
CO5	0.73	0.49	0.24	0.24	0.00	0.24	0.00	0.00	0.24	0.00	0.00
CO6											
Average COA	1.35	0.72	0.45	0.46	0.42	0.46	0.67	0.53	0.45	0.50	0.48
Actual PO Att											

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.88	0.55	0.54	0.58	0.54	0.58	0.47	0.55	0.50	0.52

ATR

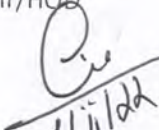
	Action Proposed (enter where applicable)
Content	Practical classes
Pedagogy	Suggested study on SEBI, stock Exchanges.
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Assignments and Seminars.
Sequencing of Topics	Nil
Any other (specify)	Nil

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Kuppachi Sreenivas	Dr. Kuppachi Sreenivas	Pinky Mathew
Signature			
Date	11/11/22		11/11/2022

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Environment Science and Human Rights

Name of Faculty: Dr. Sruthi Vijaykrishnan

CO-PO ATTAINMENT AND ATR

Subject name: Environment Science and Human Rights	Mapping CO PO									
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1
CO1	1	0	0	0	2	2	3	3	2	2
CO2	1	0	0	0	2	2	3	3	2	2
CO3	1	2	3	2	2	2	3	3	2	2
CO4	1	2	3	3	2	2	3	3	2	2
CO5	1	2	3	2	2	2	3	3	2	2
CO6										
Expected PO Att	1.00	2.00	3.00	2.33	2.00	2.00	3.00	3.00	2.00	2.00

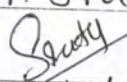
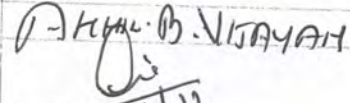
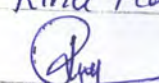
CO Attainment:											
CO1	2.55	0.85	0.00	0.00	0.00	1.70	1.70	2.55	2.55	1.70	1.70
CO2	1.05	0.35	0.00	0.00	0.00	0.70	0.70	1.05	1.05	0.70	0.70
CO3	1.7	0.57	1.13	1.70	1.13	1.13	1.13	1.70	1.70	1.13	1.13
CO4	1.3	0.43	0.87	1.30	1.30	0.87	0.87	1.30	1.30	0.87	0.87
CO5	0.3	0.10	0.20	0.30	0.20	0.20	0.20	0.30	0.30	0.20	0.20
CO6											
Average COA	1.38										
Actual PO Att	0.46	0.73	1.10	0.88	0.92	0.92	1.38	1.38	0.92	0.92	

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.54	1.27	1.90	1.46	1.08	1.08	1.62	1.62	1.08	1.08

ATR

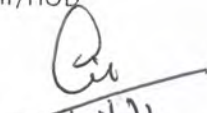
	Action Proposed (enter where applicable)
Content	caselets can be added
Pedagogy	Environmental case studies to be added
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Case studies and Seminars.
Sequencing of Topics	Nil
Any other (specify)	Nil

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Sruthi	A. K. B. VISAYAN	Rinu Mathew
Signature			
Date	12/11/2022	10/11/22	10/11/2022

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Operations Management

Name of Faculty: Dr. Murugan M

CO-PO ATTAINMENT AND ATR

Subject name: Operations Management	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	1	1	1	2	1	1	1	2	0	
CO2	1	2	1	1	2	1	1	1	2	2	
CO3	1	1	1	2	2	1	2	1	2	2	
CO4	1	2	3	3	2	2	2	1	2	2	
CO5	1	2	2	3	2	2	2	1	2	2	
CO6											
Expected PO Att	1.00	1.60	1.60	2.00	2.00	1.40	1.60	1.00	2.00	2.00	

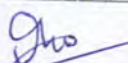

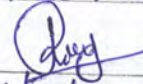
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.75	0.58	0.58	0.58	0.58	1.17	0.58	0.58	0.58	1.17	0.00
CO2	1.71	0.57	1.14	0.57	0.57	1.14	0.57	0.57	0.57	1.14	1.14
CO3	1.27	0.42	0.42	0.42	0.85	0.85	0.42	0.85	0.42	0.85	0.85
CO4	1.16	0.39	0.77	1.16	1.16	0.77	0.77	0.77	0.39	0.77	0.77
CO5	1.45	0.48	0.97	0.97	1.45	0.97	0.97	0.97	0.48	0.97	0.97
CO6											
Average COA	1.47										
Actual PO Att	0.49	0.78	0.74	0.92	0.98	0.66	0.75	0.49	0.98	0.93	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.51	0.82	0.86	1.08	1.02	0.74	0.85	0.51	1.02	1.07

ATR

	Action Proposed (enter where applicable)
Content	Assignments and Seminars Assignments and Seminars to be added
Pedagogy	
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Assignments.
Sequencing of Topics	Nil
Any other (specify)	Nil

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Muraligan M	Dr R Womtar Pany	Rinu Mathew
Signature			
Date	16/9/2022	16/9/23	11/11/2023

Presented in the FCM on 17/11/2022 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Industrial Relations

Name of Faculty: Prof. Akhil B Vijayan

CO-PO ATTAINMENT AND ATR

Subject name: Industrial Relations	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	0	1	0	2	1	21			1	1
CO2	1	0	1	0	1	2	2	0		1	1
CO3	1	0	1	0	2	2	2	0		1	1
CO4	1	0	2	0	2	2	2	1		1	1
CO5	1	0	2	0	2	2	2	1		1	1
CO6	1	0	2	0	2	1	2	1		1	1
Expected PO Att	1.00	0	1.40	0	1.80	1.80	5.80	1.00		1.00	1.00

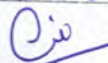
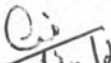

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.47	0.49	0.00	0.49	0.00	0.98	0.49	10.29	0.00	0.49	0.49
CO2	1.65	0.55	0.00	0.55	0.00	0.55	1.10	1.10	0.00	0.55	0.55
CO3	2.61	0.87	0.00	0.87	0.00	1.74	1.74	1.74	0.00	0.87	0.87
CO4	2.41	0.80	0.00	1.61	0.00	1.61	1.61	1.61	0.80	0.80	0.80
CO5	0.53	0.18	0.00	0.35	0.00	0.35	0.35	0.35	0.18	0.18	0.18
CO6											
Average COA	1.73										
Actual PO Att	0.58	0	0.77	0	1.05	1.06	3.02	0.49	0.58	0.58	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.42	0.00	0.63	0.00	0.75	0.74	2.78	0.51	0.42	1.06

ATR

	Action Proposed (enter where applicable)
Content	caselets can be added
Pedagogy	Case study and Assignments to be added
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Case Study and Assignment
Sequencing of Topics	Nill
Any other (specify)	Nill

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Akhil B Vjaya	Prof. J. Akhil B. Vjaya	Rinu Mathew
Signature			
Date	12/10/22	12/10/22	15/10/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


12/10/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Intellectual Property Rights and Industrial Laws
 Name of Faculty: Dr. Sruthi Vijayakrishnan

CO-PO ATTAINMENT AND ATR

Subject name: Intellectual Property Rights and Industrial Laws	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	0	1	0	1	1	1	1	0	0	0
CO2	1	0	2	2	2	2	2	3	2	2	0
CO3	1	0	2	2	2	2	2	3	2	2	0
CO4	1	0	2	3	1	2	2	2	1	3	2
CO5											
CO6											
Expected PO Att	1.00	0	1.75	2.33	1.50	1.75	2.25	1.67	2.33	2.00	

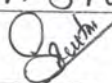
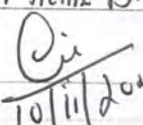
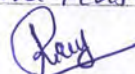
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.43	0.48	0.00	0.48	0.00	0.48	0.48	0.48	0.00	0.00
CO2	0.33	0.11	0.00	0.22	0.22	0.22	0.22	0.33	0.22	0.22
CO3	2.43	0.81	0.00	1.62	1.62	1.62	1.62	2.43	1.62	1.62
CO4	1.52	0.51	0.00	1.01	1.52	0.51	1.01	1.01	0.51	1.52
CO5										
CO6										
Average COA	1.43									
Actual PO Att	0.48	0	0.83	1.12	0.71	0.83	1.06	0.78	1.12	1.01

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.52	0.00	0.92	1.21	0.79	0.92	1.19	0.88	1.21	0.99

ATR

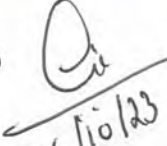
	Action Proposed (enter where applicable)
Content	
Pedagogy	Seminars and Assignment.
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	IPR related assignments and case study analysis.
Sequencing of Topics	Nil
Any other (specify)	Nil

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Sruthi	Prof. Arthi B. Vijayan	Rinu Mathew
Signature			
Date	10/11/2022	10/11/2022	11/11/2022

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


16/10/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: **Organizational Behaviour**

Name of Faculty: **Dr.Sindhu S Pillai**

CO-PO ATTAINMENT AND ATR

Subject name: Organizational Behaviour	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	1	1	0	1	2	1	1	1	1	0
CO2	2	0	0	1	1	1	1	1	1	1	0
CO3	1	0	0	0	1	1	1	1	1	1	1
CO4	1	1	0	0	0	1	0	1	1	1	0
CO5	2	1	1	0	1	0	0	1	0	0	0
CO6											
Expected PO Att	1.60	1.00	1.00	1.00	1.00	1.25	1.00	1.00	1.00	1.00	1.00

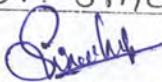


CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.05	1.37	0.68	0.68	0.00	0.68	1.37	0.68	0.68	0.68	0.00
CO2	1.25	0.83	0.00	0.00	0.42	0.42	0.42	0.42	0.42	0.42	0.00
CO3	1.45	0.48	0.00	0.00	0.00	0.48	0.48	0.48	0.48	0.48	0.48
CO4	1.28	0.43	0.43	0.00	0.00	0.00	0.43	0.00	0.43	0.43	0.00
CO5	0.73	0.49	0.24	0.24	0.00	0.24	0.00	0.00	0.24	0.00	0.00
CO6											
Average COA	1.35										
Actual PO Att	0.72	0.45	0.46	0.42	0.46	0.67	0.53	0.45	0.50	0.48	

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.88	0.55	0.54	0.58	0.54	0.58	0.47	0.55	0.50	0.52

ATR

	Action Proposed (enter where applicable)
Content	Caselets can be added
Pedagogy	Case studies to be added
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Case studies.
Sequencing of Topics	Nil
Any other (specify)	Nil

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Sindhu S. Pillai	Arun M. VISAYAM	Rinu Madhew
Signature			
Date	16/10/2023	16/10/23	16/10/23

Presented in the FCM on 10/4/23 and approved/modified as follows:

Area Chair/HOD


16/10/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Strategic Management

Name of Faculty: Prof. Saneesh PV

CO-PO ATTAINMENT AND ATR

Subject :Strategic Management	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	0	1	1	2	2	2	3	3	3	2
CO2	2	2	2	2	2	2	3	3	3	3	0
CO3	1	1	2	2	3	1	3	3	1	1	0
CO4											
CO5											
CO6											
Expected PO Att	1.33	1.50	1.67	1.67	2.33	1.67	2.67	3.00	2.33	2.00	

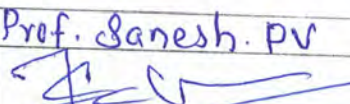
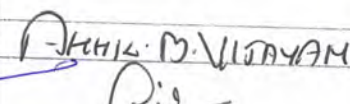
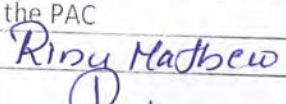
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.37	0.79	0.00	0.79	0.79	1.58	1.58	1.58	2.37	2.37	1.58
CO2	2.67	1.78	1.78	1.78	1.78	1.78	1.78	2.67	2.67	2.67	0.00
CO3	1.88	0.63	0.63	1.25	1.25	1.88	0.63	1.88	1.88	0.63	0.00
CO4											
CO5											
CO6											
Average COA	2.31										
Actual PO Att	1.07	1.20	1.27	1.27	1.75	1.33	2.04	2.31	1.89	1.58	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.27	0.30	0.39	0.39	0.59	0.34	0.62	0.69	0.44	0.42

ATR

	Action Proposed (enter where applicable)
Content	Assignments and Seminars. Assignments and presentations to be added
Pedagogy	
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Assignments.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Ganesh. PV	P. K. H. M. VIJAYAM	Rinu Mathew
Signature			
Date	11/4/2023	20/04/22	11/4/2023

Presented in the FCM on 20/4/22 and approved/modified as follows:

Area Chair/HOD 
20/04/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Supply Chain Management

Name of Faculty: Dr. Wranton Perez R

CO-PO ATTAINMENT AND ATR

Subject Supply Chain Management	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	0	1	0	2	1	21			1	1
CO2	1	0	1	0	1	2	2	2	0	1	1
CO3	1	0	1	0	2	2	2	2	0	1	1
CO4											
CO5											
CO6											
Expected PO Att	1.00	0	1.00	0	1.67	1.67	8.33	0		1.00	1.00

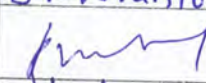
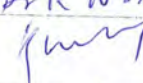
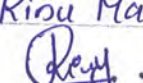
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.24	0.41	0.00	0.41	0.00	0.83	0.41	8.68	0.00	0.41	0.41
CO2	1.71	0.57	0.00	0.57	0.00	0.57	1.14	1.14	0.00	0.57	0.57
CO3	1.08	0.36	0.00	0.36	0.00	0.72	0.72	0.72	0.00	0.36	0.36
CO4											
CO5											
CO6											
Average COA	1.34										
Actual PO Att	0.45	0	0.45	0	0.71	0.76	3.51	0	0.45	0.45	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.55	0.00	0.55	0.00	0.96	0.91	4.82	0.00	0.55	0.55

ATR


	Action Proposed (enter where applicable)
Content	Caselets and seminars can be added
Pedagogy	case studies and Seminars.
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Case studies.
Sequencing of Topics	Nil
Any other (specify)	Nil

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Wranton Perez. R	Dr R Wranton Perez	Riou Matbew
Signature			
Date	11/4/23	11/04/23	11/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Communication Skills and Personality Development

Name of Faculty: prof. Sona Sebastian

CO-PO ATTAINMENT AND ATR

Subject: Communicati on Skills and Personality Development	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	3	3	3	2	3	2	3	2	3	3	3
CO2	3	3	3	2	3	2	3	2	3	3	3
CO3	3	3	3	2	3	2	3		3	3	
CO4	3	3	3	2	3	2	3	2	3	3	
CO5	1	3	0	2	0	0	0	1	0	2	
CO6											
Expected PO Att	2.60	3.00	3.00	2.00	3.00	2.00	3.00	1.75	3.00	2.80	

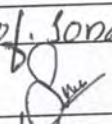
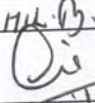
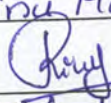
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.69	1.69	1.69	1.13	1.69	1.13	1.69	1.13	1.69	1.69
CO2	1.69	1.37	1.37	1.37	0.91	1.37	0.91	1.37	0.91	1.37
CO3	1.37	1.35	1.35	1.35	0.90	1.35	0.90	1.35	0.00	1.35
CO4	1.35	1.65	1.65	1.65	1.10	1.65	1.10	1.65	1.10	1.65
CO5	1.65	0.75	2.24	0.00	1.49	0.00	0.00	0.00	0.75	0.00
CO6	2.24									
Average COA	1.66									
Actual PO Att	1.36	1.66	1.52	1.11	1.52	1.01	1.52	0.97	1.52	1.51

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	1.24	1.34	1.49	0.89	1.49	0.99	1.49	0.78	1.49	1.29

ATR


	Action Proposed (enter where applicable)
Content	Group Study
Pedagogy	Group discussion to be added
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	Real life Case Study
Sequencing of Topics	—
Any other (specify)	—

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Sona Sebastian	A. H. B. VIJAYAN	Rinu Madhoo
Signature			
Date	11/4/22	16/4/22	16/4/22

Presented in the FCM on 20/4/22 and approved/modified as follows:

Area Chair/HOD


20/4/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

Name of Course: Introduction to Retail Management

Name of Faculty: Dr. Arun Vijay

CO-PO ATTAINMENT AND ATR

Subject Introduction to Retail Management	Mapping CO PO									
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1
CO1	1	0	1	0	2	1	21		1	1
CO2	1	0	1	0	1	2	2	0	1	1
CO3	1	0	1	0	2	2	2	0	1	1
CO4	1	0	2	0	2	2	2	1	1	1
CO5	1	3	0	2	0	0	0	1	0	2
CO6										
Expected PO Att	1.00	3.00	1.25	2.00	1.75	1.75	6.75	1.00	1.00	1.20

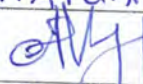

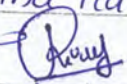
CO Attainment:											
CO1	2.63	0.88	0.00	0.88	0.00	1.75	0.88	18.41	0.00	0.88	0.88
CO2	1.63	0.54	0.00	0.54	0.00	0.54	1.09	1.09	0.00	0.54	0.54
CO3	2.16	0.72	0.00	0.72	0.00	1.44	1.44	1.44	0.00	0.72	0.72
CO4	0.37	0.12	0.00	0.25	0.00	0.25	0.25	0.25	0.12	0.12	0.12
CO5	2.24	0.75	2.24	0.00	1.49	0.00	0.00	0.00	0.75	0.00	1.49
CO6											
Average COA	1.81										
Actual PO Att	0.60	2.24	0.60	1.49	1.00	0.91	5.30	0.44	0.57	0.75	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.40	0.76	0.65	0.51	0.75	0.84	1.45	0.57	0.43	0.45

ATR


	Action Proposed (enter where applicable)
Content	class test paper. and Seminars.
Pedagogy	
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	class test paper and Seminars
Sequencing of Topics	Nil
Any other (specify)	Nil.

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Arun Vijay.	Prof. Janesh Varughese	Rinu Mathew
Signature			
Date	11/4/2023	11/4/2023	11/4/2023

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

B.Com

CO-PO ATTAINMENT

Name of Course: **FINANCIAL MARKETS AND OPERATION**
 Name of Faculty: **Dr. Kuppachi Sreenivas**

CO-PO ATTAINMENT AND ATR

Subject name	Mapping CO PO									
	FINANCIAL MARKETS AND OPERATION									
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	3	2	1	2	1	1	2	3	2	0
CO2	2	2	1	1	1	0	2	2	1	0
CO3	2	2	1	1	1	0	2	2	1	0
CO4	2	2	1	2	1	0	2	2	1	0
CO5	2	2	1	2	1	0	2	2	1	0
Expected PO Att	2.20	2.00	1.00	1.60	1.00	1.00	2.00	2.20	1.20	0

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	
CO1	2	2.00	1.33	0.67	1.33	0.67	0.67	1.33	2.00	1.33	0.00
CO2	1.86	1.24	1.24	0.62	0.62	0.62	0.00	1.24	1.24	0.62	0.00
CO3	2	1.33	1.33	0.67	0.67	0.67	0.00	1.33	1.33	0.67	0.00
CO4	0.36	0.24	0.24	0.12	0.24	0.12	0.00	0.24	0.24	0.12	0.00
CO5	1.64	1.09	1.09	0.55	1.09	0.55	0.00	1.09	1.09	0.55	0.00
CO Att Avg	1.57										
Actual PO Att	1.18	1.05	0.52	0.79	0.52	0.67	1.05	1.18	0.66	0	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2
	0.82	0.41	0.00	0.00	0.83	0.74	0.41	0.99	0.99	0.00

ATR

	Action Proposed (enter where applicable)
Content	
Pedagogy	<i>Case study analysis.</i>
Tutorials/ collaborative study	<i>Peer group learning.</i>
Assessment metrics change	<i>Case study analysis.</i>
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	<i>Dr. Kuppachi Sreenivas</i>	<i>Dr. Kuppachi Sreenivas</i>	<i>Rinu Mathew</i>
Signature	<i>K. S. Sreenivas</i>	<i>S. Sreenivas</i>	<i>Rinu Mathew</i>
Date	<i>10/11/22</i>	<i>11/11/22</i>	<i>12/11/22</i>

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD

As
17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: CORPORATE ACCOUNTS 1

Name of Faculty: Prof. Rinu Mathew

CO-PO ATTAINMENT AND ATR

Subject name:	Mapping CO PO										
CORPORATE ACCOUNTS 1											
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1	1	1	0	1	1	0	2	1	0	
CO2	1	3	1	2	1	1	1	1	1	0	
CO3	1	2	1	0	1	1	1	2	1	0	
CO4	1	1	0	0	0	0	0	1	0	0	
CO5	1	1	0	0	0	0	0	1	0	0	
Expected PO Att	1.00	1.60	1.00	2.00	1.00	1.00	1.00	1.40	1.00	0	

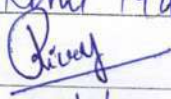
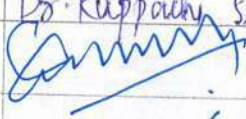

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.3	0.77	0.77	0.77	0.00	0.77	0.77	0.00	1.53	0.77	0.00
CO2	2.23	0.74	2.23	0.74	1.49	0.74	0.74	0.74	0.74	0.74	0.00
CO3	1.75	0.58	1.17	0.58	0.00	0.58	0.58	0.58	1.17	0.58	0.00
CO4	1.44	0.48	0.48	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00
CO5	1.86	0.62	0.62	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00
CO Att Avg	1.92										
Actual PO Att	0.64	1.05	0.70	1.49	0.70	0.70	0.66	0.91	0.70	0	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.36	0.55	0.30	0.51	0.30	0.30	0.34	0.49	0.30	0.00

ATR

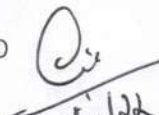
	Action Proposed (enter where applicable)
Content	Familiarising accounts of different entities
Pedagogy	solving more problems in different methods
Tutorials/ collaborative study	More group discussions and group tasks to be assigned
Assessment metrics change	Problem based
Sequencing of Topics	—
Any other (specify)	—

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Rinu Mathew	Dr. Kuppachi Seenivas	Rinu Mathew
Signature			
Date	10/11/22		12/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Goods and Service Tax

Name of Faculty: Prof. Reenu Jacob

CO-PO ATTAINMENT AND ATR

Subject name:	Mapping CO PO									
GST										
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	2	0	0	1	0	0	1	2	0
CO2	1	2	0	0	1	0	0	1	2	0
CO3	1	2	0	0	0	0	0	1	2	0
CO4	1	2	3	0	1	1	1	2	3	3
CO5	0	0	1	0	0	1	1	2	2	0
Expected PO Att	1.00	2.00	2.00	0	1.00	1.00	1.00	1.40	2.20	3.00

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.64	0.55	1.09	0.00	0.00	0.55	0.00	0.00	0.55	1.09	0.00
CO2	1.86	0.62	1.24	0.00	0.00	0.62	0.00	0.00	0.62	1.24	0.00
CO3	1.6	0.53	1.07	0.00	0.00	0.00	0.00	0.00	0.53	1.07	0.00
CO4	0.93	0.31	0.62	0.93	0.00	0.31	0.31	0.31	0.62	0.93	0.93
CO5	1.64	0.00	0.00	0.55	0.00	0.00	0.55	0.55	1.09	1.09	0.00
CO Att Avg	1.53										
Actual PO Att	0.50	1.01	0.74	0	0.49	0.43	0.43	0.68	1.08	0.93	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.50	1.00	1.26	0.00	0.51	0.57	0.57	0.72	1.12	2.07

ATR


	Action Proposed (enter where applicable)
Content	Laws and practical aspect of NST
Pedagogy	Understanding implication of NST on transactions
Tutorials/ collaborative study	More tutorial sessions to be arranged
Assessment metrics change	Applying laws and provisions in various contexts
Sequencing of Topics	—
Any other (specify)	—

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Reenu Jacob	Dr. Kuppiah Sreenivas	Rinu Mathew
Signature			
Date	10/11/22		12/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: QT FOR BUSINESS I

Name of Faculty: Dr. Jyothi Vijayan

CO-PO ATTAINMENT AND ATR

Subject name:	Mapping CO PO									
QT FOR BUSINESS I										
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	0	2	1	0	1	1	1	1	0
CO2	1	0	3	1	0	1	1	2	3	0
CO3	1	0	3	1	0	1	1	2	3	0
CO4	1	0	3	1	0	1	1	2	3	0
CO5	1	0	3	1	0	1	1	2	3	0
Expected PO Att	1.00	0	2.80	1.00	0	1.00	1.00	1.80	2.60	0

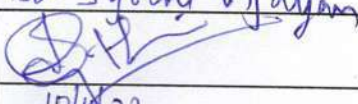
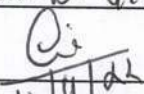

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.07	0.69	0.00	1.38	0.69	0.00	0.69	0.69	0.69	0.00
CO2	2.57	0.86	0.00	2.57	0.86	0.00	0.86	0.86	1.71	2.57
CO3	2.64	0.88	0.00	2.64	0.88	0.00	0.88	0.88	1.76	2.64
CO4	2.07	0.69	0.00	2.07	0.69	0.00	0.69	0.69	1.38	2.07
CO5	0.93	0.31	0.00	0.93	0.31	0.00	0.31	0.31	0.62	0.93
CO Att Avg	2.06									
Actual PO Att	0.69	0	1.92	0.69	0	0.69	0.69	1.23	1.78	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.31	0.00	0.88	0.31	0.00	0.31	0.31	0.57	0.82	0.00

ATR

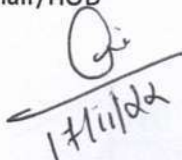
	Action Proposed (enter where applicable)
Content	solving problems in practical aspects
Pedagogy	group study
Tutorials/ collaborative study	Tutorials should be strengthened
Assessment metrics change	Solving problems in group
Sequencing of Topics	—
Any other (specify)	—

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Jyothi Vijayan	Arun D. ULAKAR	Rinu Mathew
Signature			
Date	10/11/22	11/11/22	11/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: **MARKETING MANAGEMENT**

Name of Faculty: **Dr. Arun Vijay**

CO-PO ATTAINMENT AND ATR

Subject name: MARKETING MANAGEMENT	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	2	1	0	0	0	1	1	2	2	0
CO2	2	1	0	0	0	1	1	2	2	0
CO3	2	1	0	0	0	1	1	2	2	0
CO4	2	1	0	0	0	1	1	2	2	0
CO5	2	1	0	0	1	3	1	3	3	0
Expected PO Att	2.00	1.00	0	0	1.00	1.40	1.00	2.20	2.20	0




CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.79	1.19	0.60	0.00	0.00	0.60	0.60	1.19	1.19	0.00
CO2	2.07	1.38	0.69	0.00	0.00	0.69	0.69	1.38	1.38	0.00
CO3	2.71	1.81	0.90	0.00	0.00	0.90	0.90	1.81	1.81	0.00
CO4	1.79	1.19	0.60	0.00	0.00	0.60	0.60	1.19	1.19	0.00
CO5	0.5	0.33	0.17	0.00	0.00	0.17	0.50	0.17	0.50	0.00
CO Att Avg	1.77									
Actual PO Att	1.18	0.59	0	0	0.17	0.66	0.59	1.21	1.21	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
		0.82	0.41	0.00	0.00	0.83	0.74	0.41	0.99	0.99

ATR


	Action Proposed (enter where applicable)
Content	Familiarising marketing aspects
Pedagogy	case study
Tutorials/ collaborative study	solving case studies group wise
Assessment metrics change	case study
Sequencing of Topics	—
Any other (specify)	—

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Arun Vijay	Prof. Jomon Jarghew	Rinu Mathew
Signature			
Date	10/11/22	10/11/22	11/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: ENTREPRENURSHIP DEVELOPMENT AND PROJECT MANAGEMENT

Name of Faculty: Rinu Mathew

CO-PO ATTAINMENT AND ATR

Subject name:	Mapping CO PO									
ENTREPRENURSHIP DEVELOPMENT AND PROJECT MANAGEMENT										
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	1	0	0	0	3	2	2	0	0
CO2	1	1	0	0	1	3	3	2	0	0
CO3	1	1	0	0	0	3	3	2	0	0
CO4	1	1	0	0	0	3	2	2	0	0
CO5	1	1	0	0	0	3	1	2	0	0
Expected PO Att	1.00	1.00	0	0	1.00	3.00	2.20	2.00	0	0

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.82	0.61	0.61	0.00	0.00	0.00	1.82	1.21	1.21	0.00	0.00
CO2	2.08	0.69	0.69	0.00	0.00	0.69	2.08	2.08	1.39	0.00	0.00
CO3	2	0.67	0.67	0.00	0.00	0.00	2.00	2.00	1.33	0.00	0.00
CO4	1.83	0.61	0.61	0.00	0.00	0.00	1.83	1.22	1.22	0.00	0.00
CO5	2.45	0.82	0.82	0.00	0.00	0.00	2.45	0.82	1.63	0.00	0.00
CO Att Avg	2.04										
Actual PO Att	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.32	0.32	0.00	0.00	0.31	0.96	0.73	0.64	0.00	0.00

ATR


	Action Proposed (enter where applicable)
Content	Familiarising entrepreneurial skills and competency
Pedagogy	Solving real life problems
Tutorials/ collaborative study	Giving examples and case studies
Assessment metrics change	Case study
Sequencing of Topics	—
Any other (specify)	—

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Rinu Mathan	P. HANU B. VISAYAM	
Signature			
Date	12/4/23	12/4/23	12/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course QT FOR BUSINESS II

Name of Faculty: prof. Neeraj S Unnithan

CO-PO ATTAINMENT AND ATR

Subject name: QT FOR BUSINESS II	Mapping CO PO									
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1
CO1	1	1	2	3	0	1	1	2	0	0
CO2	1	1	3	3	1	1	1	3	0	0
CO3	1	1	2	3	0	1	1	2	0	0
CO4	1	1	3	3	1	2	2	3	0	0
CO5	1	1	3	3	1	2	2	3	0	1
Expected PO Att	2.60	1.80	2.00	1.00	1.40	1.75	2.00	2.00	1.67	0.50

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.57	0.52	0.52	1.05	1.57	0.00	0.52	0.52	1.05	0.00	0.00
CO2	1.21	0.40	0.40	1.21	1.21	0.40	0.40	0.40	1.21	0.00	0.00
CO3	0.86	0.29	0.29	0.57	0.86	0.00	0.29	0.29	0.57	0.00	0.00
CO4	0.64	0.21	0.21	0.64	0.64	0.21	0.43	0.43	0.64	0.00	0.00
CO5	1.07	0.36	0.36	1.07	1.07	0.36	0.71	0.71	1.07	0.00	0.36
CO Att Avg	2.03										
Actual PO Att	1.71	1.30	1.23	0.81	0.97	1.17	1.35	0.92	1.05	0.71	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.89	0.50	0.77	0.19	0.43	0.58	0.65	1.08	0.62	-0.21

Name of Course: FINANCIAL SERVICES

Name of Faculty: Dr. Kuppachi Sreenivas

CO-PO ATTAINMENT AND ATR

Subject name: FINANCIAL SERVICES	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	2	1	0	0	0	1	2	2	0	
CO2	1	1	1	0	0	0	1	2	3	0	
CO3	1	1	1	1	0	0	1	2	3	0	
CO4	1	1	1	1	0	0	1	2	0	0	
CO5	1	1	1	0	0	0	1	2	0	0	
Expected PO Att	1.00	1.20	1.00	1.00	0	0	1.00	2.00	2.67	0	

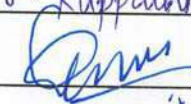

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.36	0.45	0.91	0.45	0.00	0.00	0.45	0.91	0.91	0.00
CO2	1.86	0.62	0.62	0.62	0.00	0.00	0.62	1.24	1.86	0.00
CO3	1.21	0.40	0.40	0.40	0.00	0.00	0.40	0.81	1.21	0.00
CO4	0.07	0.02	0.02	0.02	0.00	0.00	0.02	0.05	0.00	0.00
CO5	1.79	0.60	0.60	0.60	0.00	0.00	0.60	1.19	0.00	0.00
CO Att Avg	1.26									
Actual PO Att	0.42	0.51	0.42	0.21	0	0	0.42	0.84	1.33	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.58	0.69	0.58	0.79	0.00	0.00	0.58	1.16	1.34	0.00

ATR

	Action Proposed (enter where applicable)
Content	Financial related prospects and services
Pedagogy	Familiarising new financial products and services
Tutorials/ collaborative study	group studies should be encouraged
Assessment metrics change	Innovations in financial services - project based
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Kuppachi Seenu	Dr. Kuppachi Seenu	Rinu Mathew
Signature			
Date	12/4/23	"	12/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: CORPORATE ACCOUNTS II

Name of Faculty: Prof. Anjitha Arun

CO-PO ATTAINMENT AND ATR

Subject name CORPORATE ACCOUNTS II	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	3	2	2	1	2	1	1	0	3	1
CO2	3	3	2	0	2	2	0	0	0	0
CO3	2	2	1	1	1	2	3	1	0	0
CO4	2	1	2	0	1	0	0	0	1	0
CO5	3	1	3	0	1	2	2	3	1	
Expected PO Att	2.60	1.80	2.00	1.00	1.40	1.75	2.00	2.00	1.67	0.50

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.14	2.14	1.43	1.43	0.71	1.43	0.71	0.71	0.00	2.14	0.71
CO2	2.29	2.29	2.29	1.53	0.00	1.53	1.53	0.00	0.00	0.00	0.00
CO3	2.71	1.81	1.81	0.90	0.90	0.90	1.81	2.71	0.90	0.00	0.00
CO4	2.07	1.38	0.69	1.38	0.00	0.69	0.00	0.00	0.00	0.69	0.00
CO5	0.93	0.93	0.31	0.93	0.00	0.31	0.62	0.62	0.93	0.31	0.00
CO Att Avg	2.03										
Actual PO Att	1.71	1.30	1.23	0.81	0.97	1.17	1.35	0.92	1.05	0.71	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
		0.89	0.50	0.77	0.19	0.43	0.58	0.65	1.08	0.62

ATR


	Action Proposed (enter where applicable)
Content	Account preparation and analysis.
Pedagogy	Solving problems.
Tutorials/ collaborative study	More group work.
Assessment metrics change	Method of solving problems
Sequencing of Topics	—
Any other (specify)	—

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Anjitha Acunzi	Dr. Kuppachi Seenivas	Rina Marheo
Signature			
Date	12/4/23		12/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Income Tax I

Name of Faculty: Anjitha Arun

CO-PO ATTAINMENT AND ATR

Subject name: Income Tax I	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	3	1	0	2	1	2	2	2	2	1	0
CO2	2	0	2	1	1	2	1	1	1	0	0
CO3	0	0	2	1	0	1	1	0	0	0	0
CO4	1	0	1	2	2	0	0	0	0	1	0
CO5	3	2	2	1	1	1	1	1	1	1	0
Expected PO Att	2.25	1.50	1.75	1.40	1.25	1.50	1.25	1.33	1.00	1.00	0

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.11	1.11	0.37	0.00	0.74	0.37	0.74	0.74	0.74	0.37	0.00
CO2	2.44	1.63	0.00	1.63	0.81	0.81	1.63	0.81	0.81	0.00	0.00
CO3	0.94	0.00	0.00	0.63	0.31	0.00	0.31	0.31	0.00	0.00	0.00
CO4	1.11	0.37	0.00	0.37	0.74	0.74	0.00	0.00	0.00	0.37	0.00
CO5	1.67	1.67	1.11	1.11	0.56	0.56	0.56	0.56	0.56	0.56	0.00
CO Att Avg	1.45										
Actual PO Att	1.19	0.74	0.93	0.63	0.62	0.81	0.61	0.70	0.43	0	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
		1.06	0.76	0.82	0.77	0.63	0.69	0.64	0.63	0.57

ATR


	Action Proposed (enter where applicable)
Content	Finding tax liability
Pedagogy	Understanding provisions and solving
Tutorials/ collaborative study	More tutorial sessions.
Assessment metrics change	Solving problems
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Anjitha Arun	Dr. Kuppachi Sreenivas	Rinu Mathew
Signature			
Date	10/11/22		11/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: COST ACCOUNTING I

Name of Faculty: Reenu Jacob

CO-PO ATTAINMENT AND ATR

Subject name:	Mapping CO PO									
COST ACCOUNTING 1										
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	3	2	1	0	1	1	1	2	1	1
CO2	3	2	3	1	1	1	1	3	1	1
CO3	2	3	2	0	1	1	2	3	1	0
CO4	2	3	2	1	1	2	2	2	1	1
CO5	1	3	3	1	0	1	1	2	0	0
Expected PO Att	2.20	2.60	2.20	1.00	1.00	1.20	1.40	2.40	1.00	1.00


CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	0.61	0.61	0.41	0.20	0.00	0.20	0.20	0.20	0.41	0.20	0.20
CO2	1.44	1.44	0.96	1.44	0.48	0.48	0.48	0.48	1.44	0.48	0.48
CO3	0.72	0.48	0.72	0.48	0.00	0.24	0.24	0.48	0.72	0.24	0.00
CO4	1.67	1.11	1.67	1.11	0.56	0.56	1.11	1.11	1.11	0.56	0.56
CO5	0.94	0.31	0.94	0.94	0.31	0.00	0.31	0.31	0.63	0.00	0.00
CO Att Avg	1.08										
Actual PO Att	0.79	0.94	0.84	0.45	0.37	0.47	0.52	0.86	0.37	0.41	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	1.41	1.66	1.36	0.55	0.63	0.73	0.88	1.54	0.63	0.59

ATR

	Action Proposed (enter where applicable)
Content	Analysing cost accounts.
Pedagogy	Practical problems and suggestions
Tutorials/ collaborative study	Solving more problems.
Assessment metrics change	giving cost so data decisions
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Reenu Jacob	Dr. Kuppachi Sreenivas	Rinu Mathew
Signature			
Date	10/11/22		11/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Financial Management

Name of Faculty: prof. Rinu Mathew

CO-PO ATTAINMENT AND ATR

Subject name: Financial Management	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	0	0	0	0	0	2	3	1	0	0
CO2	0	0	0	0	0	1	3	1	0	0
CO3	0	0	0	0	0	2	3	1	0	0
CO4	0	0	0	0	0	2	2	1	0	0
CO5	0	0	0	0	0	2	3	1	0	0
Expected PO Att	0	0	0	0	0	1.80	2.80	1.00	0	0

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.64	0.00	0.00	0.00	0.00	0.00	1.09	1.64	0.55	0.00	0.00
CO2	1.8	0.00	0.00	0.00	0.00	0.00	0.60	1.80	0.60	0.00	0.00
CO3	2	0.00	0.00	0.00	0.00	0.00	1.33	2.00	0.67	0.00	0.00
CO4	2.2	0.00	0.00	0.00	0.00	0.00	1.47	1.47	0.73	0.00	0.00
CO5	1.2	0.00	0.00	0.00	0.00	0.00	0.80	1.20	0.40	0.00	0.00
CO Att Avg	1.77										
Actual PO Att	0	0	0	0	0	1.06	1.62	0.59	0	0	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.00	0.00	0.00	0.00	0.00	0.74	1.18	0.41	0.00	0.00

ATR

	Action Proposed (enter where applicable)
Content	Analysing financial sources and to making ^{decisions}
Pedagogy	Solving problems using analysis method
Tutorials/ collaborative study	Tutorials to be intensified
Assessment metrics change	Solving giving practical solutions to problems.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof Rini Mathew	Dr. Kuppachi Seenivas	Rini Mathew
Signature			
Date	10/11/22		11/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Environment Science and Human Rights

Name of Faculty: Dr. Sruthi Vijayakrishnan

CO-PO ATTAINMENT AND ATR

Subject name: Environment Science and Human Rights	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	0	0	0	2	2	3	3	2	2	
CO2	1	0	0	0	2	2	3	3	2	2	
CO3	1	2	3	2	2	2	3	3	2	2	
CO4	1	2	3	3	2	2	3	3	2	2	
CO5	1	2	3	2	2	2	3	3	2	2	
CO6											
Expected PO Att	1.00	2.00	3.00	2.33	2.00	2.00	3.00	3.00	2.00	2.00	

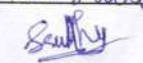
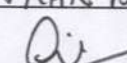
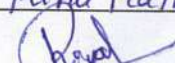
CO Attainment:											
CO1	2.55	0.85	0.00	0.00	0.00	1.70	1.70	2.55	2.55	1.70	1.70
CO2	1.05	0.35	0.00	0.00	0.00	0.70	0.70	1.05	1.05	0.70	0.70
CO3	1.7	0.57	1.13	1.70	1.13	1.13	1.13	1.70	1.70	1.13	1.13
CO4	1.3	0.43	0.87	1.30	1.30	0.87	0.87	1.30	1.30	0.87	0.87
CO5	0.3	0.10	0.20	0.30	0.20	0.20	0.20	0.30	0.30	0.20	0.20
CO6											
Average COA	1.38										
Actual PO Att		0.46	0.73	1.10	0.88	0.92	0.92	1.38	1.38	0.92	0.92

GAP	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.54	1.27	1.90	1.46	1.08	1.08	1.62	1.62	1.08	1.08

ATR


	Action Proposed (enter where applicable)
Content	Relevant caselets
Pedagogy	Environmental related case studies
Tutorials/ collaborative study	Tutorials to be intensified
Assessment metrics change	Seminars
Sequencing of Topics	—
Any other (specify)	—

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Seethy Vijayakrishnan	A. K. K. D. VIJAYAN	Rinu Mathew
Signature			
Date	12/11/22	12/11/22	12/11/22

Presented in the FCM on 12/11/22 and approved/modified as follows:

Area Chair/HOD


12/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: **ADVERTISING AND SALES MANAGEMENT**

Name of Faculty: **Dr. Jyothi Vijayan**

CO-PO ATTAINMENT AND ATR

Subject name: ADVERTISING AND SALES MANAGEMENT	Mapping CO PO									
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1
CO1	1	0	0	0	0	1	1	1	0	0
CO2	1	0	1	1	0	2	2	1	0	0
CO3	1	0	1	0	0	1	2	1	0	0
CO4	1	0	3	1	2	1	3	1	0	0
CO5	1	0	1	1	3	1	1	1	0	0
Expected PO Att	1.00	0	1.50	1.00	2.50	1.20	1.80	1.00	0	0

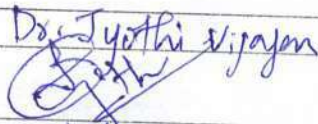
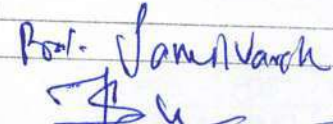
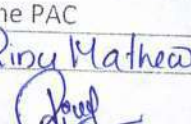
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.86	0.62	0.00	0.00	0.00	0.62	0.62	0.62	0.00	0.00
CO2	2.61	0.87	0.00	0.87	0.87	1.74	1.74	0.87	0.00	0.00
CO3	1.5	0.50	0.00	0.50	0.00	0.50	1.00	0.50	0.00	0.00
CO4	1.67	0.56	0.00	1.67	0.56	1.11	0.56	1.67	0.56	0.00
CO5	2.11	0.70	0.00	0.70	0.70	2.11	0.70	0.70	0.70	0.00
CO Att Avg	1.95									
Actual PO Att	0.65	0	0.94	0.71	1.61	0.82	1.15	0.65	0	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.35	0.00	0.56	0.29	0.89	0.38	0.65	0.35	0.00	0.00

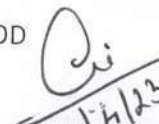
ATR

	Action Proposed (enter where applicable)
Content	Understanding impact of advertising and sales management.
Pedagogy	
Tutorials/ collaborative study	case method
Assessment metrics change	case study
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Jyothi Vijayan	Prof. Jagan Mohan	Rinu Mathew
Signature			
Date	10/4/23	14/4/23	19/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD 
20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Brand Management

Name of Faculty: Dr.Sindhu S Pillai

CO-PO ATTAINMENT AND ATR

Subject name:	Mapping CO PO									
Brand Management										
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	0	1	0	1	1	2	0	3	3
CO2	2	0	2	2	2	1	2	0	3	3
CO3	2	0	2	2	2	1	2	0	3	3
Expected PO Att	1.67	0	1.67	2.00	1.67	1.00	2.00	0	3.00	3.00




CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2	0.67	0.00	0.67	0.00	0.67	0.67	1.33	0.00	2.00	2.00
CO2	2.41	1.61	0.00	1.61	1.61	1.61	0.80	1.61	0.00	2.41	2.41
CO3	1.13	0.75	0.00	0.75	0.75	0.75	0.38	0.75	0.00	1.13	1.13
CO Att Avg	1.85										
Actual PO Att	1.01	0	1.01	1.18	1.01	0.62	1.23	0	1.85	1.85	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.66	0.00	0.66	0.82	0.66	0.38	0.77	0.00	1.15	1.15

ATR


	Action Proposed (enter where applicable)
Content	Marketing and brand content
Pedagogy	Formulating brand related techniques and strategies.
Tutorials/ collaborative study	group work to be intensified
Assessment metrics change	case method.
Sequencing of Topics	—
Any other (specify)	—

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Sindhu	Prof. Janet Varghese	Rinu Mathew
Signature			
Date	10/11/22	10/11/22	11/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


17/11/22

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: MANAGEMENT ACCOUNTING

Name of Faculty: Rinu Mathew

CO-PO ATTAINMENT AND ATR

Subject name MANAGEMENT ACCOUNTING	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	3	3	1	0	0	1	1	3	1	0	
CO2	1	3	2	0	0	1	1	3	1	0	
CO3	1	3	2	0	0	1	1	3	1	0	
CO4	1	3	2	0	0	1	1	3	1	0	
CO5	1	3	2	0	0	1	1	3	1	0	
Expected PO Att	1.40	3.00	1.80	0	0	1.00	1.00	3.00	1.00	0	

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2	2.00	2.00	0.67	0.00	0.00	0.67	0.67	2.00	0.67	0.00
CO2	3	1.00	3.00	2.00	0.00	0.00	1.00	1.00	3.00	1.00	0.00
CO3	2.19	0.73	2.19	1.46	0.00	0.00	0.73	0.73	2.19	0.73	0.00
CO4	2.22	0.74	2.22	1.48	0.00	0.00	0.74	0.74	2.22	0.74	0.00
CO5	1.75	0.58	1.75	1.17	0.00	0.00	0.58	0.58	1.75	0.58	0.00
CO Att Avg	2.23										
Actual PO Att	1.01	2.23	1.35	0	0	0.74	0.74	2.23	0.74	0	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.39	0.77	0.45	0.00	0.00	0.26	0.26	0.77	0.26	0.00

ATR


	Action Proposed (enter where applicable)
Content	Taking management decisions after analysis
Pedagogy	Decision oriented pedagogy
Tutorials/ collaborative study	Additional tutorial hours to be included
Assessment metrics change	Real life examples case studies
Sequencing of Topics	—
Any other (specify)	—

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Rinu Mathew	Dr. Kuppachi Sreenivas	Rinu Mathew
Signature			
Date	30/3/2023		11/4/2023

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course AUDITING AND ASSURANCE

Name of Faculty: Reenu Jacob

CO-PO ATTAINMENT AND ATR

Subject name AUDITING AND ASSURANCE	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	3	2	2	2	0	0	1	3	2	
CO2	1	3	2	2	2	0	1	3	3	2	
CO3	1	1	1	1	2	0	0	1	1	1	
CO4	1	1	1	1	1	0	1	1	3	2	
CO5	1	1	1	0	0	1	1	2	2	0	
Expected PO Att	1.00	1.80	1.40	1.50	1.75	1.00	1.00	1.60	2.40	1.75	

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.67	0.56	1.67	1.11	1.11	1.11	0.00	0.00	0.56	1.67	1.11
CO2	2.33	0.78	2.33	1.55	1.55	1.55	0.00	0.78	2.33	2.33	1.55
CO3	1.67	0.56	0.56	0.56	0.56	1.11	0.00	0.00	0.56	0.56	0.56
CO4	1	0.33	0.33	0.33	0.33	0.33	0.00	0.33	0.33	1.00	0.67
CO5	1.67	0.56	0.56	0.56	0.00	0.00	0.56	0.56	1.11	1.11	0.00
CO Att Avg	1.67										
Actual PO Att	0.56	1.09	0.82	0.89	1.03	0.56	0.56	0.98	1.33	0.97	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.44	0.71	0.58	0.61	0.72	0.44	0.44	0.62	1.07	0.78

ATR


	Action Proposed (enter where applicable)
Content	concepts and procedures in auditing
Pedagogy	Making capable of reviewing accounts
Tutorials/ collaborative study	Tutorials to be intensified.
Assessment metrics change	Realistic solutions to problems
Sequencing of Topics	—
Any other (specify)	—

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Reenu Paul	Dr. Kuppachi Sreenivas	Rinu Mathur
Signature			
Date	02/02/23 30/3/23	"	11/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

CONTRACT

Name of Course: **INCOME TAX II**

Name of Faculty: **Anjitha Arun**

CO-PO ATTAINMENT AND ATR

Subject name:	Mapping CO PO									
INCOME TAX II										
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	2	2	1	1	2	1	1	1	0
CO2	1	1	2	1	1	1	1	0	0	0
CO3	2	2	1	1	1	1	2	1	1	0
CO4	1	1	0	1	0	1	1	1	1	0
CO5	1	1	2	0	0	0	0	2	3	1
Expected PO Att	1.40	1.40	1.75	1.00	1.00	1.25	1.25	1.25	1.50	1.00

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.61	1.07	1.07	1.07	0.54	0.54	1.07	0.54	0.54	0.00
CO2	2.11	0.70	0.70	1.41	0.70	0.70	0.70	0.70	0.00	0.00
CO3	2.33	1.55	1.55	0.78	0.78	0.78	0.78	1.55	0.78	0.00
CO4	1.78	0.59	0.59	0.00	0.59	0.00	0.59	0.59	0.59	0.00
CO5	1.28	0.43	0.43	0.85	0.00	0.00	0.00	0.00	0.85	1.28
CO Att Avg	1.82									
Actual PO Att	0.87	0.87	1.03	0.65	0.67	0.79	0.85	0.69	0.80	0.43

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.53	0.53	0.72	0.35	0.33	0.46	0.40	0.56	0.70	0.57

ATR

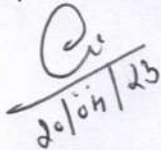
	Action Proposed (enter where applicable)
Content	Practical problems.
Pedagogy	solving more illustrations.
Tutorials/ collaborative study	More tutorial sessions.
Assessment metrics change	solving problems to find tax liability
Sequencing of Topics	=
Any other (specify)	=

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Anjitha Anum	Dr. Kuppachi Seemiva	Rina Mathew
Signature			
Date	12/4/23		12/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/04/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: COST ACCOUNTING 2

Name of Faculty: Anjitha Arun

CO-PO ATTAINMENT AND ATR

Subject name: COST ACCOUNTING 2	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	3	1	0	2	1	2	2	2	2	1	0
CO2	2	0	2	1	1	2	1	1	1	0	0
CO3	0	0	2	1	0	1	1	0	0	0	0
CO4	1	0	1	2	2	0	0	0	0	1	0
CO5	3	2	2	1	1	1	1	1	1	1	0
Expected PO Att	1.00	1.80	1.67	2.00	1.60	1.33	1.50	1.50	1.50	1.75	1.67

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.72	0.57	1.15	0.00	0.00	0.57	0.00	0.00	0.00	0.00
CO2	2.11	0.70	0.70	0.70	0.00	0.70	0.00	0.00	0.00	0.70
CO3	1.44	0.48	1.44	0.00	0.00	0.96	0.96	0.96	0.00	1.44
CO4	1.22	0.41	0.81	1.22	0.00	0.81	0.41	0.00	0.41	0.41
CO5	1.67	0.56	0.56	0.56	1.11	1.11	0.56	0.56	1.11	1.11
CO Att Avg	1.63									
Actual PO Att	0.54	0.93	0.83	1.11	0.83	0.64	0.76	0.76	0.92	0.80

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
		0.46	0.87	0.84	0.89	0.77	0.69	0.74	0.74	0.83

ATR


	Action Proposed (enter where applicable)
Content	Group study in cost areas to aquant the concept
Pedagogy	Assigning practical problems to the groups
Tutorials/ collaborative study	Group discussions should be strengthened
Assessment metrics change	Group study
Sequencing of Topics	—
Any other (specify)	—

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Anjitha Acun	Dr. Kuppachi Seenivas	Rinu Mathew
Signature			
Date	30/3/2023		12/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


20/4/23

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

**BA VISUAL ARTS
CO-PO ATTAINMENT**

Name of Course : 1-2 HISTORY OF ART & ARCHITECTURE

Name of Faculty: Zeba Hussain

CO-PO ATTAINMENT AND ATR

Subject name :1-2 HISTORY OF ART & ARCHITECTURE	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	3	1	0	2	1	1	1	1	1	0
CO2	0	0	1	0	2	0	1	2	1	1	0
CO3	0	3	3	0	0	0	1	3	2	2	0
CO4	1	2	3	0	1	0	1	2	1	1	0
CO5	0	2	3	0	0	0	1	3	2	2	0
CO6	3	1	0	0	1	0	0	0	0	0	0
Expected PO Att	1.67	2.20	2.20	0	1.50	1.00	1.00	2.20	1.40	1.40	0

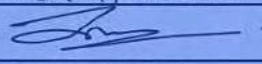
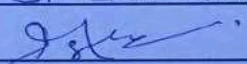

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	0.78	0.26	0.78	0.26	0.00	0.52	0.26	0.26	0.26	0.26	0.00
CO2	1.09	0.00	0.00	0.36	0.00	0.73	0.00	0.36	0.73	0.36	0.00
CO3	0.91	0.00	0.91	0.91	0.00	0.00	0.00	0.30	0.91	0.61	0.00
CO4	0.83	0.28	0.55	0.83	0.00	0.28	0.00	0.28	0.55	0.28	0.00
CO5	1.57	0.00	1.05	1.57	0.00	0.00	0.00	0.52	1.57	1.05	0.00
CO6	1.65	1.65	0.55	0.00	0.00	0.55	0.00	0.00	0.00	0.00	0.00
CO Att Avg	1.14										
Actual PO Att	0.73	0.77	0.79	0	0.52	0.26	0.35	0.80	0.51	0.51	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
		0.94	1.43	1.41	0.00	0.98	0.74	0.65	1.40	0.89

ATR

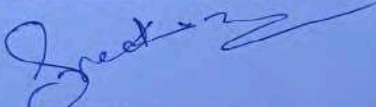
	Action Proposed (enter where applicable)
Content	History of Art & Architecture, historical context of past & present Lecture with visuals from cave art to Renaissance period
Pedagogy	Teaching through lectures, video presentation, quiz Assignments, internal exams & model exams.
Tutorials/ collaborative study	Prescriptive books related to Art history & Architecture Internet resources, site visit (like historical monuments) Presentation of documents from site visits.
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Zeba Hussain	Sreekumar	Rene Mathew
Signature			
Date	12/11/22	14/11/22	16/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


Sreekumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: FUNDAMENTALS OF DESIGN

Name of Faculty: Sreekumar Sreedharan

CO-PO ATTAINMENT AND ATR

Subject name: Fundamentals of Design	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	1	3	1	0	2	1	1	1	1	0
CO2	0	0	1	0	2	0	1	2	1	0
CO3	0	3	3	0	0	0	1	3	2	0
CO4	1	2	3	0	1	0	1	2	1	0
CO5	0	2	3	0	0	0	1	3	2	0
Expected PO Att	1.00	2.50	2.20	0	1.67	1.00	1.00	2.20	1.40	0

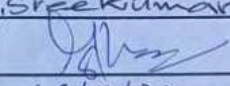
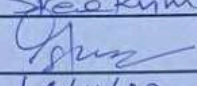
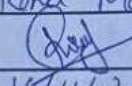
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.78	0.93	2.78	0.93	0.00	1.85	0.93	0.93	0.93	0.00
CO2	2.61	0.00	0.00	0.87	0.00	1.74	0.00	0.87	1.74	0.00
CO3	3	0.00	3.00	3.00	0.00	0.00	0.00	1.00	3.00	2.00
CO4	2.83	0.94	1.89	2.83	0.00	0.94	0.00	0.94	1.89	0.94
CO5	3	0.00	2.00	3.00	0.00	0.00	0.00	1.00	3.00	2.00
CO Att Avg	2.84									
Actual PO Att	0.94	2.42	2.13	0	1.51	0.93	0.95	2.11	1.35	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.07	0.08	0.07	0.00	0.15	0.07	0.05	0.09	0.05	0.00

ATR

	Action Proposed (enter where applicable)
Content	learn to use creative thinking in design
Pedagogy	A design approach focuses on creating the right things in the right way
Tutorials/ collaborative study	create engaging and User Experience Using all mediums
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

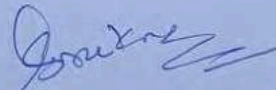
Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Prof. Sree Kumar	Sree Kumar	Roger Mathew
Signature			
Date	14/11/22	14/11/22	16/11/22

17/11/22.

Presented in the FCM on _____ and approved/modified as follows:

Area Chair/HOD


Sree Kumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: RASTER IMAGE EDITING

Name of Faculty: Muhammed Sayyaf A C

CO-PO ATTAINMENT AND ATR

Subject name: Raster Image Editing	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	3	1	2	0	0	0	2	2	1
CO2	0	2	2	1	0	0	0	1	1	0
CO3	0	1	3	2	0	0	0	1	1	1
CO4	0	2	3	2	2	0	0	2	3	2
CO5	0	2	3	1	3	0	0	1	1	0
CO6	0	2	3	1	3	0	0	1	2	1
Expected PO Att	2.00	2.00	2.50	1.50	2.67	0	0	1.33	1.67	1.25

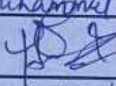
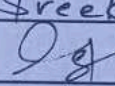
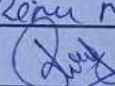
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.3	1.53	2.30	0.77	1.53	0.00	0.00	0.00	1.53	1.53	0.77
CO2	2.22	0.00	1.48	1.48	0.74	0.00	0.00	0.00	0.74	0.74	0.00
CO3	2.3	0.00	0.77	2.30	1.53	0.00	0.00	0.00	0.77	0.77	0.77
CO4	2.65	0.00	1.77	2.65	1.77	1.77	0.00	0.00	1.77	2.65	1.77
CO5	2.26	0.00	1.51	2.26	0.75	2.26	0.00	0.00	0.75	0.75	0.00
CO6	2.22	0.00	1.48	2.22	0.74	2.22	0.00	0.00	0.74	1.48	0.74
CO Att Avg	2.33										
Actual PO Att	1.53	1.55	1.95	1.18	2.08	0	0	1.05	1.32	1.01	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.47	0.45	0.55	0.32	0.58	0.00	0.00	0.28	0.35	0.24

ATR


	Action Proposed (enter where applicable)
Content	Explore complex design areas
Pedagogy	Makes complex ideas accessible and empowered students to experiment with creative solutions to real world challenges
Tutorials/ collaborative study	
Assessment metrics change	Working with smart dyes working with colour modes
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Muhammad Sayyas	Sree Kumar	Renu Madhew
Signature			
Date	14/11/22	14/11/22	14/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


Sree Kumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: FUNDAMENTALS OF DRAWING

Name of Faculty: Jigesh Kumar

CO-PO ATTAINMENT AND ATR

Subject name: FUNDAMENTALS OF DRAWING	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	2	1	0	0	0	0	1	1	0
CO2	2	3	1	0	0	0	0	1	1	0
CO3	0	3	2	0	1	0	0	1	1	0
CO4	1	2	3	0	1	0	0	2	2	0
CO5	0	1	2	0	1	0	0	1	0	0
Expected PO Att	1.67	2.20	1.80	0	1.00	0	0	1.20	1.25	0

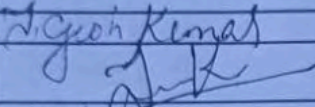
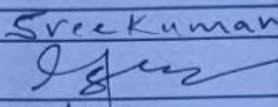
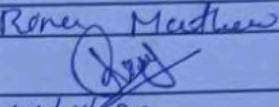
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.91	1.94	1.94	0.97	0.00	0.00	0.00	0.00	0.97	0.97	0.00
CO2	2.96	1.97	2.96	0.99	0.00	0.00	0.00	0.00	0.99	0.99	0.00
CO3	2.91	0.00	2.91	1.94	0.00	0.97	0.00	0.00	0.97	0.97	0.00
CO4	2.96	0.99	1.97	2.96	0.00	0.99	0.00	0.00	1.97	1.97	0.00
CO5	2.7	0.00	0.90	1.80	0.00	0.90	0.00	0.00	0.90	0.00	0.00
CO Att Avg	2.89										
Actual PO Att	1.63	2.14	1.73	0	0.95	0	0	1.16	1.23	0	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.03	0.06	0.07	0.00	0.05	0.00	0.00	0.04	0.02	0.00

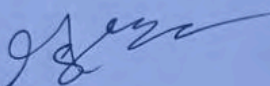
ATR

	Action Proposed (enter where applicable)
Content	life study, nature study, still life, daily sketching. Acrobatic drawing, Composition
Pedagogy	Learning from nature, regular practical assignments and classes for still life, nature study & Life study
Tutorials/ collaborative study	video presentation & revision masters demonstrations and discussion on core elements and principles of drawing.
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dibyoh Kumar	Sree Kumar	Roney Mathew
Signature			
Date	15/11/22	15/11/22	16/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD 
Sree Kumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course : HISTORY OF ART & ARCHITECTURE II

Name of Faculty: Ar. Benny Kurian

CO-PO ATTAINMENT AND ATR

Subject name :1-2 HISTORY OF ART & ARCHITECTURE II	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	3	0	0	0	0	0	0	0	1	0	0
CO2	3	2	2	0	1	0	0	0	0	0	0
CO3	3	1	0	0	0	0	0	0	0	0	0
CO4	2	3	2	0	1	0	0	0	0	0	0
CO5	3	2	1	0	1	0	0	0	2	1	0
Expected PO Att	2.80	2.00	1.67	0	1.00	0	0	0	1.50	1.00	0

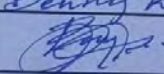
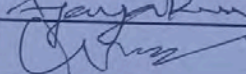
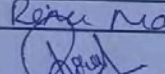
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	2.00	0.00	0.00	0.00	0.00	0.00	0.67	0.00	0.00
CO2	2.47	2.47	1.65	1.65	0.00	0.82	0.00	0.00	0.00	0.00
CO3	1.47	1.47	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO4	1.59	1.06	1.59	1.06	0.00	0.53	0.00	0.00	0.00	0.00
CO5	1.76	1.76	1.17	0.59	0.00	0.59	0.00	0.00	1.17	0.59
CO Att Avg	1.86									
Actual PO Att	1.75	1.23	1.10	0	0.65	0	0	0.92	0.59	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
		1.05	0.78	0.57	0.00	0.35	0.00	0.00	0.58	0.41

ATR

	Action Proposed (enter where applicable)
Content	Art History, Architecture History, Reference from library
Pedagogy	Video presentation - e-learn, etc.
Tutorials/ collaborative study	Teaching through various methods, Lecture, video and internet resources, assignments, model & Internal exams
Assessment metrics change	Presenting books from library & exam sources. Subjective essays and articles by historians and critics.
Sequencing of Topics	
Any other (specify)	

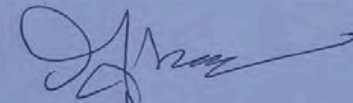
Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Denny Kusian	Ajay Kumar	Ravi Mathew
Signature			
Date	13/4/23	15/4/23	19/4/23

20/4/23.

Presented in the FCM on _____ and approved/modified as follows:

Area Chair/HOD


Ajay Kumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: ENGINEERING GRAPHICS & ARCHITECTURAL DRAWING

Name of Faculty: Durga I S

CO-PO ATTAINMENT AND ATR

Subject name: ENGINEERING GRAPHICS & ARCHITECTURAL DRAWING	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	1	0	0	0	0	0	1	3	0	0
CO2	1	3	0	1	0	0	0	2	2	0	0
CO3	1	3	0	1	0	0	0	1	1	0	0
CO4	2	3	0	3	0	0	0	2	3	0	0
CO5	3	2	0	3	0	0	0	1	2	0	0
CO6	2	1	0	1	0	0	0	0	0	0	0
Expected PO Att	1.83	2.17	0	1.80	0	0	0	1.40	2.20	0	0

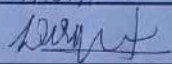
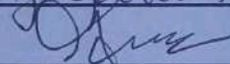
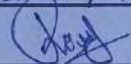
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.3	1.53	0.77	0.00	0.00	0.00	0.00	0.77	2.30	0.00	0.00
CO2	2.05	0.68	2.05	0.00	0.68	0.00	0.00	1.37	1.37	0.00	0.00
CO3	2.05										
CO4	1.95	1.30	1.95	0.00	1.95	0.00	0.00	1.30	1.95	0.00	0.00
CO5	2.15	2.15	1.43	0.00	2.15	0.00	0.00	0.72	1.43	0.00	0.00
CO6	1.85	1.23	0.62	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00
CO Att Avg	2.06										
Actual PO Att	1.38	1.36	0	1.35	0	0	0	1.04	1.76	0	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.45	0.80	0.00	0.45	0.00	0.00	0.36	0.44	0.00	0.00

ATR

	Action Proposed (enter where applicable)
Content	Live assignments and projects added to understand the basics.
Pedagogy	Regular projects intensified.
Tutorials/ collaborative study	Case studies added.
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

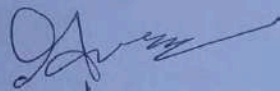
Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	DURGA	Ajay Kumar	Rohan Mathew
Signature			
Date	14/4/23	17/4/23	18/4/23

20/4/23.

Presented in the FCM on _____ and approved/modified as follows:

Area Chair/HOD


Ajay Kumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: VECTOR IMAGE EDITING

Name of Faculty: Ajay Kumar

CO-PO ATTAINMENT AND ATR

Subject name: VECTOR IMAGE EDITING	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	0	2	1	2	0	0	0	0	1	1	0
CO2	0	2	2	1	0	0	0	0	0	0	0
CO3	0	3	3	1	2	0	0	0	1	2	0
CO4	0	2	3	0	1	0	0	0	1	0	0
CO5	0	2	3	0	0	0	0	0	1	1	0
Expected PO Att	0	2.20	2.40	1.33	1.50	0	0	0	1.00	1.33	0

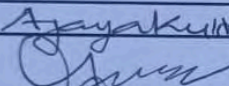
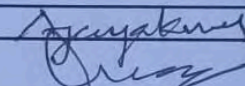
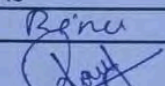
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.9	0.00	1.93	0.97	1.93	0.00	0.00	0.00	0.97	0.97	0.00
CO2	2.8	0.00	1.87	1.87	0.93	0.00	0.00	0.00	0.00	0.00	0.00
CO3	3	0.00	3.00	3.00	1.00	2.00	0.00	0.00	1.00	2.00	0.00
CO4	2.9	0.00	1.93	2.90	0.00	0.97	0.00	0.00	0.97	0.00	0.00
CO5	2.85	0.00	1.90	2.85	0.00	0.00	0.00	0.00	0.95	0.95	0.00
CO Att Avg	2.89										
Actual PO Att	0	2.13	2.32	1.29	1.48	0	0	0.97	1.31	0	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.00	0.07	0.08	0.04	0.02	0.00	0.00	0.03	0.03	0.00

ATR

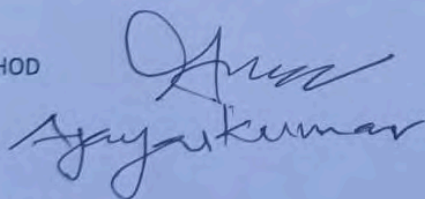
	Action Proposed (enter where applicable)
Content	Vector Image New technique Using Illustrator
Pedagogy	It make complex ideas accessible and empowers students to experiment with creative solutions
Tutorials/ collaborative study	concentrates on Vector image tools
Assessment metrics change	working with text advanced options of text
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Ajayakumar	Ajayakumar	Benar Madhan
Signature			
Date	14/4/23	14/4/23	18/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


Ajayakumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: DESIGN WITH TYPE

Name of Faculty: Ajay Kumar

CO-PO ATTAINMENT AND ATR

Subject name: DESIGN WITH TYPE PRACTICAL CORE	Mapping CO PO									
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1
CO1	0	3	2	2	2	0	0	1	2	1
CO2	0	3	1	0	0	0	0	1	2	1
CO3	0	3	3	1	2	0	0	1	2	1
CO4	0	0	1	0	2	0	0	1	3	0
CO5	0	3	3	2	3	0	0	2	3	2
Expected PO Att	0	3.00	2.00	1.67	2.25	0	0	1.20	2.40	1.25

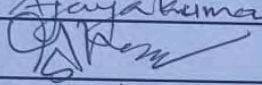
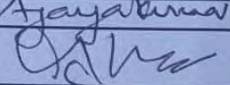
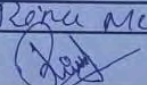
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.91	0.00	2.95	1.97	1.97	0.00	0.00	0.98	1.97	0.98
CO2	2.96	0.00	2.90	0.97	0.00	0.00	0.00	0.97	1.93	0.97
CO3	2.91	0.00	3.00	3.00	1.00	2.00	0.00	0.00	1.00	2.00
CO4	2.96	0.00	0.00	0.93	0.00	1.87	0.00	0.00	0.93	2.80
CO5	2.7	0.00	3.00	3.00	2.00	3.00	0.00	0.00	2.00	3.00
CO Att Avg	2.89									
Actual PO Att	0	2.96	1.97	1.66	2.21	0	0	1.18	2.34	1.24

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.00	0.04	0.03	0.01	0.04	0.00	0.00	0.02	0.06	0.01

ATR

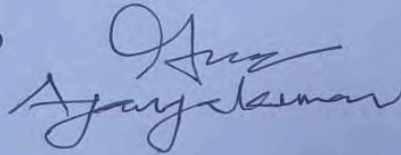
	Action Proposed (enter where applicable)
Content	Explore and Utilize a diverse range of Typography
Pedagogy	A career paths include Graphic Design, Digital Design, Typography.
Tutorials/ collaborative study	Typographic Principles and theory Theory, Various Print, Webbed Applications
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Ajayakumar	Ajayakumar	Renu Mathew.
Signature			
Date	17/4/23	17/4/23	18/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD



Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course : INTERIOR DESIGN STUDIO I

Name of Faculty: Regina C George

CO-PO ATTAINMENT AND ATR

Subject name: INTERIOR DESIGN STUDIO I	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	3	0	0	0	0	0	0	0	2	2	0
CO2	1	3	3	0	2	2	1	2	2	3	0
CO3	2	3	3	0	0	1	0	1	1	1	0
CO4	0	3	3	0	0	2	0	2	2	2	0
CO5	1	2	3	1	2	0	0	2	2	2	0
CO6	1	3	3	1	3	2	0	3	3	3	0
Expected PO Att	1.60	2.80	3.00	1.00	2.33	1.75	1.00	2.00	2.17	0	0

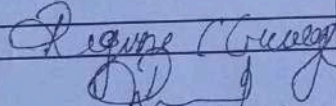
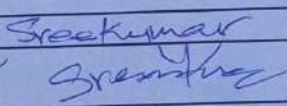
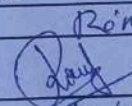
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.15	2.15	0.00	0.00	0.00	0.00	0.00	1.43	1.43	0.00
CO2	2	0.67	2.00	2.00	0.00	1.33	1.33	0.67	1.33	2.00
CO3	2.05	1.37	2.05	2.05	0.00	0.00	0.68	0.00	0.68	0.68
CO4	2.05	0.00	2.05	2.05	0.00	0.00	1.37	0.00	1.37	1.37
CO5	1.7	0.57	1.13	1.70	0.57	1.13	0.00	0.00	1.13	1.13
CO6	0.85	0.28	0.85	0.85	0.28	0.85	0.57	0.00	0.85	0.85
CO Att Avg	1.80									
Actual PO Att	1.01	1.62	1.73	0.43	1.11	0.99	0.67	1.13	1.24	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.59	1.18	1.27	0.58	1.23	0.76	0.33	0.87	0.92	0.00

ATR

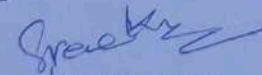
	Action Proposed (enter where applicable)
Content	Live case studies Intensified.
Pedagogy	Live projects, Real world projects.
Tutorials/ collaborative study	Case studies, Industrial Interactions.
Assessment metrics change	Project based.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Rajneesh (Gupta)	Sreekumar	Rinu Madan
Signature			
Date	16/11/22.	16/11/22.	16/11/22.

Presented in the FCM on 17/11/22. and approved/modified as follows:

Area Chair/HOD


Sreekumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: MATERIAL CULTURE I

Name of Faculty: Dr. G. Lizia Thankam.

CO-PO ATTAINMENT AND ATR

Subject name: MATERIAL CULTURE I	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	0	0	1	0	0	2	0	2	2	0
CO2	0	2	2	0	0	1	0	2	2	0
CO3	0	1	2	0	0	1	0	2	2	0
CO4	1	1	2	0	0	0	3	0	0	0
CO5	0	2	3	0	0	2	0	2	3	0
CO6	1	2	3	0	0	2	1	2	2	0
Expected PO Att	1.00	1.60	2.17	0	0	1.60	2.00	2.00	2.20	0

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.5	0.00	0.00	0.83	0.00	0.00	1.67	0.00	1.67	1.67	0.00
CO2	2.65	0.00	1.77	1.77	0.00	0.00	0.88	0.00	1.77	1.77	0.00
CO3	1.7	0.00	0.57	1.13	0.00	0.00	0.57	0.00	1.13	1.13	0.00
CO4	1.4										
CO5	2.5	0.00	1.67	2.50	0.00	0.00	1.67	0.00	1.67	2.50	0.00
CO6	1.85	0.62	1.23	1.85	0.00	0.00	1.23	0.62	1.23	1.23	0.00
CO Att Avg	2.10										
Actual PO Att	0.62	1.31	1.62	0	0	1.20	0.62	1.49	1.66	0	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.38	0.29	0.55	0.00	0.00	0.40	1.38	0.51	0.54	0.00

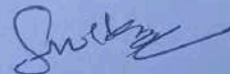
ATR

	Action Proposed (enter where applicable)
Content	The latest materials can be updated
Pedagogy	More industrial visits can be included.
Tutorials/ collaborative study	
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	Students must be given practical exposure to the recent advances in materials.

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. G. Liza Frankom	Sree Kumar	Ronu Madhav
Signature			
Date	15/11/22.	16/11/22.	16/11/22.

Presented in the FCM on 17/11/22. and approved/modified as follows:

Area Chair/HOD 
Sree Kumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: AUTOCAD I PRACTICAL CPORE

Name of Faculty: Titty Annamma Abraham

CO-PO ATTAINMENT AND ATR

Subject name: AUTOCAD I PRACTICAL CPORE	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	2	1	3	0	0	0	3	3	2
CO2	0	0	1	3	0	1	0	2	2	3
CO3	0	1	0	2	0	1	0	3	2	2
CO4	1	1	2	2	2	0	0	2	2	2
CO5	0	2	3	3	3	2	0	3	3	3
CO6	0	1	3	2	1	1	0	2	2	1
Expected PO Att	1.00	1.40	2.00	2.50	2.00	1.25	0	2.50	2.33	2.17

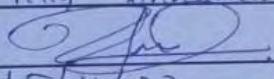

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.3	0.77	1.53	0.77	2.30	0.00	0.00	0.00	2.30	2.30	1.53
CO2	2.5	0.00	0.00	0.83	2.50	0.00	0.83	0.00	1.67	1.67	2.50
CO3	2.25	0.00	0.75	0.00	1.50	0.00	0.75	0.00	2.25	1.50	1.50
CO4	2.05										
CO5	1.95	0.00	1.30	1.95	1.95	1.30	0.00	1.95	1.95	1.95	
CO6	2.3	0.00	0.77	2.30	1.53	0.77	0.77	0.00	1.53	1.53	0.77
CO Att Avg	2.23										
Actual PO Att	0.77	1.09	1.46	1.96	1.36	0.91	0	1.94	1.79	1.65	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.23	0.31	0.54	0.54	0.64	0.34	0.00	0.56	0.54	0.52

ATR

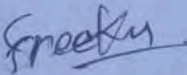
	Action Proposed (enter where applicable)
Content	Technical Application in drawing applied.
Pedagogy	Projects based at on Industry requirements added.
Tutorials/ collaborative study	
Assessment metrics change	Regular Evaluation based on student's work.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Tilly Annama	Sreekumar	Rene Mathew
Signature		Sreekumar	
Date	15/11/22	16/11/22	16/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


Sreekumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: CREATIVE PAINTING

Name of Faculty: Sreekumar sreedharan

CO-PO ATTAINMENT AND ATR

Subject name: CREATIVE PAINTING	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	2	0	0	1	0	0	0	1	1	0
CO2	0	3	3	0	0	0	0	0	2	1	0
CO3	0	0	2	0	0	0	0	0	0	0	0
CO4	0	2	2	0	0	0	0	0	3	1	0
CO5	0	1	1	0	0	0	0	0	0	1	0
CO6	0	1	1	0	0	0	0	0	2	1	0
Expected PO Att	1.00	1.80	1.80	0	1.00	0	0	0	2.00	1.00	0

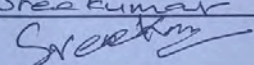
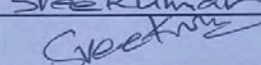
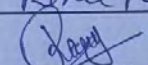
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.85	0.95	1.90	0.00	0.00	0.95	0.00	0.00	0.95	0.95	0.00
CO2	2.1	0.00	2.10	2.10	0.00	0.00	0.00	0.00	1.40	0.70	0.00
CO3	2.8										
CO4	2.3	0.00	1.53	1.53	0.00	0.00	0.00	0.00	2.30	0.77	0.00
CO5	1	0.00	0.33	0.33	0.00	0.00	0.00	0.00	0.00	0.33	0.00
CO6	0.85	0.00	0.28	0.28	0.00	0.00	0.00	0.00	0.57	0.28	0.00
CO Att Avg	1.98										
Actual PO Att	0.95	1.23	1.06	0	0.95	0	0	0	1.30	0.61	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.05	0.57	0.74	0.00	0.05	0.00	0.00	0.70	0.39	0.00

ATR


	Action Proposed (enter where applicable)
Content	Creating new Techniques with Acrylic Colours.
Pedagogy	Creative painting helps students studies colour, composition and style to understand the Evaluation of art
Tutorials/ collaborative study	Creative selection and Ideas. and assist man in building
Assessment metrics change	Acrylic paint.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Sree Kumar	Sree Kumar	Rene Mathew
Signature			
Date	15/11/22.	16/11/22.	16/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


Sree Kumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: ENVIRONMENTAL ART & STILL IMAGES BASICS

Name of Faculty: Jigesh kumar

CO-PO ATTAINMENT AND ATR

Subject name: ENVIRONMENTAL ART & STILL IMAGES BASICS	Mapping CO PO									
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1
CO1	0	2	3	1	2	0	0	1	1	1
CO2	1	2	2	0	1	0	2	1	1	0
CO3	0	1	2	0	0	0	2	0	0	0
CO4	1	2	2	1	2	0	2	0	0	0
CO5	2	3	3	1	2	0	2	1	1	0
Expected PO Att	1.33	2.00	2.40	1.00	1.75	0	2.00	1.00	1.00	1.00

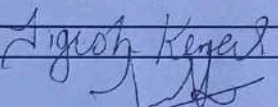
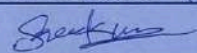
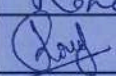
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.45	0.00	1.63	2.45	0.82	1.63	0.00	0.00	0.82	0.82
CO2	2.45	0.82	1.63	1.63	0.00	0.82	0.00	1.63	0.82	0.82
CO3	2.15	0.00	0.72	1.43	0.00	0.00	0.00	1.43	0.00	0.00
CO4	2.7	0.90	1.80	1.80	0.90	1.80	0.00	1.80	0.00	0.00
CO5	2.9	1.93	2.90	2.90	0.97	1.93	0.00	1.93	0.97	0.97
CO Att Avg	2.53									
Actual PO Att	1.22	1.74	2.04	0.89	1.55	0	1.70	0.87	0.87	0.82

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.12	0.26	0.36	0.11	0.20	0.00	0.30	0.13	0.13	0.18

ATR


	Action Proposed (enter where applicable)
Content	Awarner on environment related installation, lecturing on various public appearances with video presentations
Pedagogy	case discussion on various possible of environmental sculpture & installation, practical model making with recycled material
Tutorials/ collaborative study	workshop with different mediums to create a mini model video presentations using many different medium and skill sets. site visit to prepare a model.
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Ajith Keren	Sree Kumar	Rome Mathew
Signature			
Date	13/11/22	16/11/22	16/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


Sree Kumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course : MATERIAL CULTURE II

Name of Faculty: Dr. G. Lizia Thankam

CO-PO ATTAINMENT AND ATR

Subject name: MATERIAL CULTURE II	Mapping CO PO									
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1
CO1	2	3	2	0	0	1	0	3	3	0
CO2	1	1	1	0	0	1	1	1	1	0
CO3	0	1	3	0	0	1	2	1	1	0
CO4	0	1	2	0	0	3	1	2	3	0
CO5	0	0	0	0	0	2	0	2	2	0
Expected PO Att	1.50	1.50	2.00	0	0	1.60	1.33	1.80	2.00	0

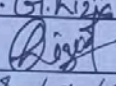
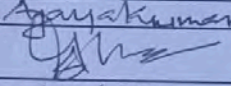
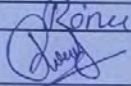
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.15	0.77	1.15	0.77	0.00	0.00	0.38	0.00	1.15	1.15	0.00
CO2	1.1	0.37	0.37	0.37	0.00	0.00	0.37	0.37	0.37	0.37	0.00
CO3	0.85	0.00	0.28	0.85	0.00	0.00	0.28	0.57	0.28	0.28	0.00
CO4	0.4										
CO5	2.1	0.00	0.00	0.00	0.00	0.00	1.40	0.00	1.40	1.40	0.00
CO Att Avg	1.12										
Actual PO Att	0.57	0.60	0.66	0	0	0.61	0.47	0.80	0.80	0	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.93	0.90	1.34	0.00	0.00	0.99	0.87	1.00	1.20	0.00

ATR

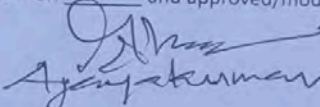
	Action Proposed (enter where applicable)
Content	Recent advances & latest techniques can be included. More site/Industrial visits would be beneficial.
Pedagogy	
Tutorials/ collaborative study	
Assessment metrics change	Regular unit tests can be conducted at the end of all units.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. G. Kirja Shankar	Ajayakumar	Renu Mathew
Signature			
Date	18/4/23	18/4/23	19/4/23

Presented in the FCM on ^{20/4/23} and approved/modified as follows:

Area Chair/HOD


Ajayakumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Interior Services I

Name of Faculty: Ar. sulfikar PH

CO-PO ATTAINMENT AND ATR

Subject name: Interior Services I	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	0	2	0	0	0	0	0	3	3	0
CO2	0	3	3	0	2	1	0	3	3	0
CO3	0	0	0	0	3	2	0	2	2	0
CO4	0	1	3	0	2	1	0	2	2	0
CO5	0	0	0	0	0	0	1	2	2	0
Expected PO Att	0	2.00	3.00	0	2.33	1.33	1.00	2.40	2.40	0

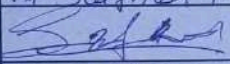
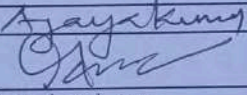
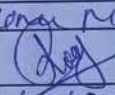
CO Attainment:		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	0.95	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.95	0.95	0.00
CO2	1.15	0.00	1.15	1.15	0.00	0.77	0.38	0.00	1.15	1.15	0.00
CO3	0.95	0.00	0.00	0.00	0.00	0.95	0.63	0.00	0.63	0.63	0.00
CO4	0.95	0.00	0.32	0.95	0.00	0.63	0.32	0.00	0.63	0.63	0.00
CO5	0.5	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.33	0.33	0.00
CO Att Avg	0.900										
Actual PO Att	0	0.70	1.05	0	0.78	0.44	0.17	0.74	0.74	0	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.00	1.30	1.95	0.00	1.55	0.89	0.83	1.66	1.66	0.00

ATR

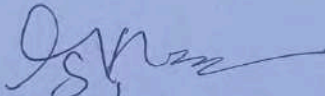
	Action Proposed (enter where applicable)
Content	Encourage to Identify the basic needs and uses of services needed in interiors.
Pedagogy	Case studies and site studies added.
Tutorials/ collaborative study	Site visits and Industrial visits at-intensified.
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	Projects based on current industry needs.

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. Sultakar PH	Ajayakumar	Ronan Mathew
Signature			
Date	17/4/23	18/4/23	19/4/23.

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


Ajayakumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Creative Sculpture

Name of Faculty: Jigesh Kumar

CO-PO ATTAINMENT AND ATR

Subject name: Creative Sculpture	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	3	0	0	0	0	0	1	1	0
CO2	0	2	3	0	1	0	0	1	1	0
CO3	1	2	3	0	0	1	0	2	1	0
CO4	0	1	3	0	2	0	2	0	0	0
CO5	1	3	3	0	3	0	0	2	1	0
CO6	1	3	2	0	3	0	0	2	1	0
Expected PO Att	1.25	2.33	2.80	0	2.25	1.00	2.00	1.60	1.00	0

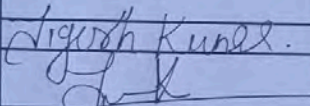
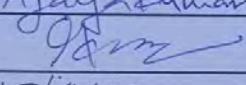
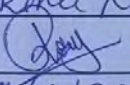
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.45	1.63	2.45	0.00	0.00	0.00	0.00	0.82	0.82	0.00
CO2	2.5	0.00	1.67	2.50	0.00	0.83	0.00	0.83	0.83	0.00
CO3	2.85									
CO4	2.45	0.00	0.82	2.45	0.00	1.63	0.00	1.63	0.00	0.00
CO5	2.35	0.78	2.35	2.35	0.00	2.35	0.00	0.00	1.57	0.78
CO6	2.35	0.78	2.35	1.57	0.00	2.35	0.00	0.00	1.57	0.78
CO Att Avg	2.49									
Actual PO Att	1.07	1.93	2.22	0	1.79	0	1.63	1.20	0.80	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.18	0.41	0.58	0.00	0.46	1.00	0.37	0.40	0.20	0.00

ATR

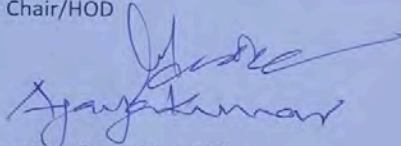
	Action Proposed (enter where applicable)
Content	understanding the concept, transformation & ideas into materials & composition.
Pedagogy	study from nature & making objects from live video clips & demonstrations to teach techniques.
Tutorials/ collaborative study	workshops on terra cotta making, introducing master artists works on video of moulding casting and finished work.
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Digvijay Kulkarni	Ajayakumar	Rakesh Madhok
Signature			
Date	16/4/23	18/4/23	19/4/23

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD


Ajayakumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: AutoCAD II

Name of Faculty:Titty Annamma Abraham

CO-PO ATTAINMENT AND ATR

Subject name: AutoCAD II	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	0	3	0	3	0	0	0	1	2	3
CO2	0	1	2	2	2	0	0	1	1	0
CO3	0	2	1	3	3	0	0	2	2	3
CO4	0	1	1	2	0	2	0	1	1	2
CO5	0	0	1	3	1	0	0	2	1	1
CO6	0	0	2	1	0	1	0	1	2	1
Expected PO Att	0	1.75	1.40	2.33	2.00	1.50	0	1.33	1.50	2.00


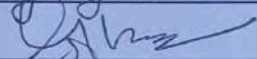

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	0.00	2.00	0.00	2.00	0.00	0.00	0.67	1.33	2.00
CO2	1.75	0.00	0.58	1.17	1.17	1.17	0.00	0.00	0.58	0.58
CO3	1.5	0.00	1.00	0.50	1.50	1.50	0.00	0.00	1.00	1.00
CO4	1.6	0.00	0.53	0.53	1.07	0.00	1.07	0.00	0.53	0.53
CO5	1.1	0.00	0.00	0.37	1.10	0.37	0.00	0.00	0.73	0.37
CO6	1.7	0.00	0.00	1.13	0.57	0.00	0.57	0.00	0.57	1.13
CO Att Avg	1.61									
Actual PO Att	0	1.03	0.74	1.23	1.01	0.82	0	0.68	0.83	1.10

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.00	0.72	0.66	1.10	0.99	0.68	0.00	0.65	0.68	0.90

ATR

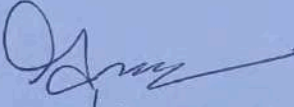
Content	Action Proposed (enter where applicable)
	upto date software skills for dimensional design.
Pedagogy	Modeling creative designs, practical exposure on software.
Tutorials/ collaborative study	additional workshops for Creativity and Professionalism
Assessment metrics change	Regular Assessment based on software assignments.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Tilthy Annama	Ajayakumar	Renu Mathew
Signature			
Date	12/4/23	13/4/23	19/4/23

20/4/23
Presented in the FCM on _____ and approved/modified as follows:

Area Chair/HOD


Ajayakumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Dimensional Design I

Name of Faculty:Titty annamma abraham

CO-PO ATTAINMENT AND ATR

Subject name: Dimensional Design I	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	0	2	2	3	0	0	0	3	3	3
CO2	0	2	1	2	0	0	0	2	1	1
CO3	0	1	2	1	0	0	0	1	1	1
CO4	0	3	3	3	0	1	0	3	3	3
CO5	0	1	3	0	0	1	0	2	2	0
Expected PO Att	0	1.80	2.20	2.25	0	1.00	0	2.20	2.00	2.00

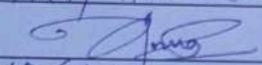
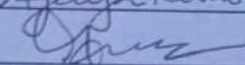
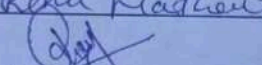
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.5	0.00	1.00	1.00	1.50	0.00	0.00	0.00	1.50	1.50	1.50
CO2	1.6	0.00	1.07	0.53	1.07	0.00	0.00	0.00	1.07	0.53	0.53
CO3	1.1	0.00	0.37	0.73	0.37	0.00	0.00	0.00	0.37	0.37	0.37
CO4	0.65	0.00	0.65	0.65	0.65	0.00	0.22	0.00	0.65	0.65	0.65
CO5	0.95	0.00	0.32	0.95	0.00	0.00	0.32	0.00	0.63	0.63	0.00
CO Att Avg	1.16										
Actual PO Att	0	0.68	0.77	0.90	0	0.27	0	0.84	0.74	0.76	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.00	1.12	1.43	1.35	0.00	0.73	0.00	1.36	1.26	1.24

ATR

	Action Proposed (enter where applicable)
Content	Books Multimodal Learning Resources added.
Pedagogy	Hands on Projects, Real world Applications.
Tutorials/ collaborative study	Step by step tutorials applied. add Problem Solving scenarios.
Assessment metrics change	Implement regular assessments.
Sequencing of Topics	
Any other (specify)	

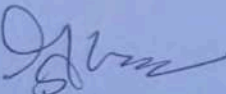
Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Tithy Annama	Ajayakumar	Renu Mathew
Signature			
Date	15/4/23	18/4/23	16/4/23

20/4/23

Presented in the FCM on _____ and approved/modified as follows:

Area Chair/HOD


Ajayakumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course : Environmental Studies And Human Rights

Name of Faculty: Dr. G. Lizia Thankam

CO-PO ATTAINMENT AND ATR

Subject name: Environmental Studies And Human Rights	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	0	0	0	0	0	0	0	3	1	1	0
CO2	0	0	1	0	1	0	0	2	1	1	0
CO3	0	0	0	0	0	0	0	3	1	0	0
CO4	0	0	0	0	0	0	0	3	1	0	0
CO5	0	0	0	0	0	0	0	3	0	0	0
CO6	0	0	1	0	1	1	1	2	1	0	0
Expected PO Att	1.50	1.50	2.00	0	0	1.60	1.33	1.80	2.00	0	0

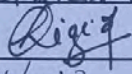
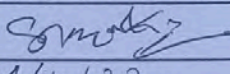
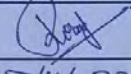
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	1.39	0.00	0.00	0.00	0.00	0.00	0.00	1.39	0.46	0.46	0.00
CO2	1.72	0.00	0.00	0.57	0.00	0.57	0.00	1.15	0.57	0.57	0.00
CO3	1.61	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.54	0.00	0.00
CO4	0.33										
CO5	1.56	0.00	0.00	0.00	0.00	0.00	0.00	1.56	0.00	0.00	0.00
CO6	1.94	0.00	0.00	0.65	0.00	0.65	0.65	1.29	0.65	0.00	0.00
CO Att Avg	1.43										
Actual PO Att	0	0	0.61	0	0.61	0.65	1.40	0.56	0.52	0	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
		0.00	0.00	0.39	0.00	0.39	0.35	1.27	0.45	0.48

ATR

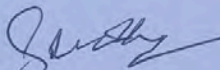
	Action Proposed (enter where applicable)
Content	More relevant topics to the course can be included
Pedagogy	Creative/Technical Projects will be beneficial
Tutorials/ collaborative study	
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Dr. G. Liza Shankar	Sree Kumar	Roger Mathew
Signature			
Date	12/11/22	14/11/22	15/11/22

Presented in the FCM on 17/11/22 and approved/modified as follows:

Area Chair/HOD


Sree Kumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Interior Services II

Name of Faculty: Ar. Anand Godson

CO-PO ATTAINMENT AND ATR

Subject name: Interior Services II	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	1	1	0	0	0	0	0	3	3	0
CO2	0	2	2	0	0	2	0	0	1	2	0
CO3	0	1	0	0	0	0	0	0	2	2	0
CO4	0	2	1	0	0	0	0	0	3	3	0
CO5	0	3	3	0	0	2	0	0	3	3	0
Expected PO Att	2.00	1.80	1.75	0	0	2.00	0	2.40	2.60	0	0

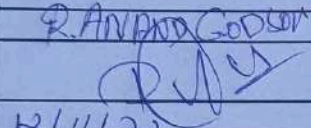
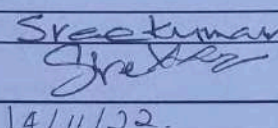
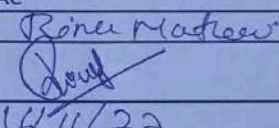
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.11	1.41	0.70	0.70	0.00	0.00	0.00	0.00	2.11	2.11	0.00
CO2	2.6	0.00	1.73	1.73	0.00	0.00	1.73	0.00	0.87	1.73	0.00
CO3	1.61	0.00	0.54	0.00	0.00	0.00	0.00	0.00	1.07	1.07	0.00
CO4	0.94	0.00	0.63	0.31	0.00	0.00	0.00	0.00	0.94	0.94	0.00
CO5	2.67	0.00	2.67	2.67	0.00	0.00	1.78	0.00	2.67	2.67	0.00
CO Att Avg	1.990										
Actual PO Att	1.41	1.25	1.36	0	0	1.76	0	1.53	1.71	0	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.59	0.55	0.40	0.00	0.00	0.24	0.00	0.87	0.89	0.00

ATR

	Action Proposed (enter where applicable)
Content	Add new updated materials and needs in designing Intensions.
Pedagogy	Site Visits and Industrial Visits added.
Tutorials/ collaborative study	Group works and realworld problem related Assignment implemented.
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	Exposure related to the needs of current Industry intensified.

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	RANVIND GODWANI	Sreekumar	Ronee Madhew
Signature			
Date	12/11/22	14/11/22	16/11/22

17/11/22.

Presented in the FCM on _____ and approved/modified as follows:

Area Chair/HOD Sreekumar



Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Dimensional Design II

Name of Faculty: Titty Annamma Abraham

CO-PO ATTAINMENT AND ATR

Subject name: Dimensional Design II	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	0	3	3	3	0	0	0	3	3	3
CO2	0	3	1	1	0	2	0	2	2	2
CO3	0	1	2	3	0	2	0	2	3	2
CO4	0	0	0	3	2	0	0	2	2	2
CO5	0	3	3	3	2	2	0	3	3	3
Expected PO Att	0	2.50	2.25	2.60	2.00	2.00	0	2.40	2.60	2.40

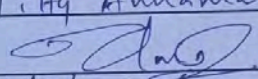
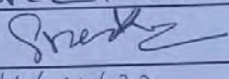
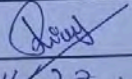
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.7	0.00	1.70	1.70	0.00	0.00	0.00	1.70	1.70	1.70
CO2	2	0.00	2.00	0.67	0.67	0.00	1.33	0.00	1.33	1.33
CO3	1.67	0.00	0.56	1.11	1.67	0.00	1.11	0.00	1.11	1.11
CO4	1.39	0.00	0.00	0.00	1.39	0.93	0.00	0.00	0.93	0.93
CO5	1.39	0.00	1.39	1.39	1.39	0.93	0.93	0.00	1.39	1.39
CO Att Avg	1.63									
Actual PO Att	0	1.41	1.22	1.36	0.93	1.12	0	1.29	1.40	1.29

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.00	1.09	1.03	1.24	1.07	0.88	0.00	1.11	1.20	1.11

ATR

	Action Proposed (enter where applicable)
Content	Designing on the basis of client requirements interspersed.
Pedagogy	Encourage the problem solving skills with the help of combining technical application with the student's skill.
Tutorials/ collaborative study	
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	Add projects to deal with the real world design problems.

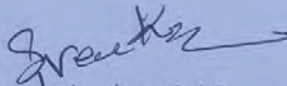
Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Tilly Annama	Sree Kumar	Reiner Mathew
Signature			
Date	13/11/22.	16/11/22.	16/11/22.

17/11/22.

Presented in the FCM on _____ and approved/modified as follows:

Area Chair/HOD


Sree Kumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Interior Design Studio II

Name of Faculty: Regina C George

CO-PO ATTAINMENT AND ATR

Subject name: Interior Design Studio II	Mapping CO PO									
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1
CO1	2	3	2	0	1	0	0	1	1	0
CO2	0	2	3	0	2	0	0	2	2	0
CO3	0	3	3	0	2	0	0	2	2	0
CO4	0	2	3	0	0	2	0	3	2	0
CO5	0	3	3	0	2	2	0	3	3	0
CO6	0	1	1	0	3	2	0	3	3	0
Expected PO Att	2.00	2.33	2.50	0	2.00	2.00	0	2.33	2.17	0

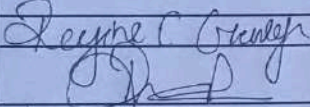
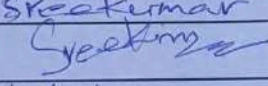
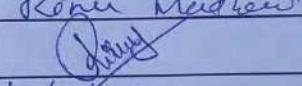
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.56	1.71	2.56	1.71	0.00	0.85	0.00	0.00	0.85	0.85	0.00
CO2	2.78	0.00	1.85	2.78	0.00	1.85	0.00	0.00	1.85	1.85	0.00
CO3	2.56	0.00	2.56	2.56	0.00	1.71	0.00	0.00	1.71	1.71	0.00
CO4	2.67	0.00	1.78	2.67	0.00	0.00	1.78	0.00	2.67	1.78	0.00
CO5	2.56	0.00	2.56	2.56	0.00	1.71	1.71	0.00	2.56	2.56	0.00
CO6	2.44	0.00	0.81	0.81	0.00	2.44	1.63	0.00	2.44	2.44	0.00
CO Att Avg	2.60										
Actual PO Att	1.71	2.02	2.18	0	1.71	1.70	0	2.01	1.87	0	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.29	0.31	0.32	0.00	0.29	0.30	0.00	0.32	0.30	0.00

ATR

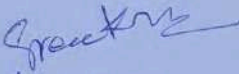
	Action Proposed (enter where applicable)
Content	Industrial Applications added. Intensified methods to Combine creativity and professionalism.
Pedagogy	Introduce problem solving scenarios. Realistic scenarios Intensified.
Tutorials/ collaborative study	Intensified industrial exposure learning and added additional workshops.
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Devin C. Gandy	Sreekumar	Ronen Mutha
Signature			
Date	14/11/22.	16/11/22.	16/11/22

17/11/22.

Presented in the FCM on _____ and approved/modified as follows:

Area Chair/HOD 
Sreekumar

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

BCA

CO-PO ATTAINMENT

Name of Course: *Computer Fundamentals and Digital Principles.* Name of Faculty: *Renjitha R*

CO-PO ATTAINMENT AND ATR

Subject name :Computer Fundamentals and Digital Principles	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	0	0	0	0	0	0	0	0	0	2
CO2	2	0	0	0	0	0	1	0	0	0	0
CO3	2	0	0	0	0	0	0	0	0	0	0
CO4	2	0	0	0	0	0	0	0	0	0	2
CO5	1	3	0	2	0	0	0	1	0	0	2
Expected PO Att	1.80	3.00	0	2.00	0	0	1.00	1.00	0	0	2.00

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.35	1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.57
CO2	1.65	1.10	0.00	0.00	0.00	0.00	0.55	0.00	0.00	0.00
CO3	1	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO4	1.06	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71
CO5	2.24	0.75	2.24	0.00	1.49	0.00	0.00	0.75	0.00	1.49
CO Att Avg	1.66									
Actual PO Att	0.96	2.24	0	1.49	0	0	0.55	0.75	0	1.26

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.84	0.76	0.00	0.51	0.00	0.00	0.45	0.25	0.00	0.74

ATR

	Action Proposed (enter where applicable)
Content	
Pedagogy	
Tutorials/ collaborative study	
Assessment metrics change	For More Assessments, Additional tutorial hours should included.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Renytha R	Renytha R	Pirru Mathew
Signature			
Date			

Presented in the FCM on 17/4/22 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Software Lab-2-C* Name of Faculty: *Rani Augustine.*

CO-PO ATTAINMENT AND ATR

Subject name: Software Lab I (Core) C Lab	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	1	2	0	1	0	0	0	2	0	0
CO2	2	2	0	0	0	0	0	1	0	1
CO3	2	1	0	1	0	0	0	1	0	1
CO4	0	2	0	0	0	0	0	2	0	2
CO5	2	3	0	1	0	0	0	2	0	0
Expected PO Att	1.75	2.00	0	1.00	0	0	0	1.60	0	1.33

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.87	0.96	1.91	0.00	0.96	0.00	0.00	0.00	1.91	0.00
CO2	2.93	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.98	0.00
CO3	2.93	1.95	0.98	0.00	0.98	0.00	0.00	0.00	0.98	0.00
CO4	2.93	0.00	1.95	0.00	0.00	0.00	0.00	0.00	1.95	0.00
CO5	2.93	1.95	2.93	0.00	0.98	0.00	0.00	0.00	1.95	0.00
CO Att Avg	2.92									
Actual PO Att	1.70	1.95	0	0.97	0	0	0	1.55	0	1.30

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
		0.05	0.05	0.00	0.03	0.00	0.00	0.00	0.05	0.00

ATR

	Action Proposed (enter where applicable)
Content	More programs should be given
Pedagogy	More Realtime Examples should be given
Tutorials/ collaborative study	To be intensified additional tutorial hours to be included
Assessment metrics change	More weightage for output, group assignments.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Rami Angushiri	Ranjitha R	Puro Mathew
Signature			
Date			

Presented in the FCM on 17/11/22 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Methodology of pro* Name of Faculty: *Rani Augustine.*
grammug & c language.

CO-PO ATTAINMENT AND ATR

Subject name: Methodology of Programming and C Language	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	2	0	1	0	0	0	0	2	0	0
CO2	2	2	0	0	0	0	0	0	1	0	1
CO3	2	1	0	1	0	0	0	0	1	0	1
CO4	0	2	0	0	0	0	0	0	2	0	2
CO5	2	3	0	1	0	0	0	0	2	0	0
Expected PO Att	1.75	2.00	0	1.00	0	0	0	0	1.60	0	1.33

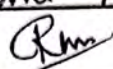
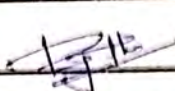
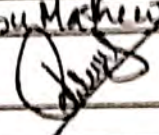
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.87	0.96	1.91	0.00	0.96	0.00	0.00	0.00	1.91	0.00	0.00
CO2	2.93	1.95	1.95	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.98
CO3	2.93	1.95	0.98	0.00	0.98	0.00	0.00	0.00	0.98	0.00	0.98
CO4	2.93	0.00	1.95	0.00	0.00	0.00	0.00	0.00	1.95	0.00	1.95
CO5	2.93	1.95	2.93	0.00	0.98	0.00	0.00	0.00	1.95	0.00	0.00
CO Att Avg	2.92										
Actual PO Att	1.70	1.95	0	0.97	0	0	0	0	1.55	0	1.30

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.05	0.05	0.00	0.03	0.00	0.00	0.00	0.05	0.00	0.03

ATR

	Action Proposed (enter where applicable)
Content	More programs should be given
Pedagogy	More practice hours should include.
Tutorials/ collaborative study	More tutorials and group assignments should given.
Assessment metrics change	more weightage for practical oriented works.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Rami Augustine	Remytha R	Ruby Mathew
Signature			
Date			

Presented in the FCM on 17/11/22 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Data Base Management System.* Name of Faculty: *Rani Augustine*

CO-PO ATTAINMENT AND ATR

Subject name:Data Base Management System	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	2	1	2	0	0	2	1	0	1	0
CO2	1	1	1	1	0	0	0	0	0	0
CO3	1	2	0	0	0	1	0	0	3	0
CO4	1	1	0	0	0	0	0	2	2	1
CO5	2	2	2	0	0	0	0	0	0	2
Expected PO Att	1.40	1.40	1.67	1.00	0	1.50	1.00	2.00	2.00	1.50

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.73	1.82	0.91	1.82	0.00	0.00	1.82	0.91	0.00	0.91
CO2	1.87	0.62	0.62	0.62	0.62	0.00	0.00	0.00	0.00	0.00
CO3	1.07	0.36	0.71	0.00	0.00	0.00	0.36	0.00	0.00	1.07
CO4	1.2	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.80	0.80
CO5	2.77	1.85	1.85	1.85	0.00	0.00	0.00	0.00	0.00	1.85
CO Att Avg	1.93									
Actual PO Att	1.01	0.90	1.43	0.62	0	1.09	0.91	0.80	0.93	1.12

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.39	0.50	0.24	0.38	0.00	0.41	0.09	1.20	1.07	0.38

ATR

Action Proposed (enter where applicable)	
Content	
Pedagogy	
Tutorials/ collaborative study	Make Learning Groups.
Assessment metrics change	More disciplinary group assignments should be given
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Rami Augustine	Renyitha R	Rinu Hasheem
Signature			
Date			

Presented in the FCM on 20/4/23 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Computer Organization and Architecture* Name of Faculty: *Rani Augustine*

CO-PO ATTAINMENT AND ATR

Subject name: <i>Computer Organization and Architecture</i>	Mapping CO PO									
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	0	0	0	0		0	2	0	0
CO2	2	1	1	0	0	0	0	1	0	0
CO3	1	1	1	0	0	0	0	1	0	0
CO4	2	2	2	0	0	0	0	2	0	0
CO5	2	2	2	0	0	0	0	2	0	0
Expected PO Att	1.60	1.50	1.50	0	0	0	0	1.60	0	0

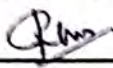
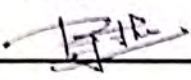
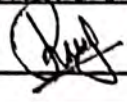
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.67	0.89	0.00	0.00	0.00	0.00	0.00	1.78	0.00	0.00
CO2	1.8	1.20	0.60	0.60	0.00	0.00	0.00	0.60	0.00	0.00
CO3	1.07	0.36	0.36	0.36	0.00	0.00	0.00	0.36	0.00	0.00
CO4	1	0.67	0.67	0.67	0.00	0.00	0.00	0.67	0.00	0.00
CO5	2.27	1.51	1.51	1.51	0.00	0.00	0.00	1.51	0.00	0.00
CO Att Avg	1.76									
Actual PO Att	0.93	0.78	0.78	0	0	0	0	0.98	0	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.67	0.72	0.72	0.00	0.00	0.00	0.00	0.62	0.00	0.00

ATR

	Action Proposed (enter where applicable)
Content	
Pedagogy	Demonstration of hardware
Tutorials/ collaborative study	Additional tutorial hours to be included.
Assessment metrics change	Make weightage for group assignments.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAG
Name	Rani Augustine	Ranjitha R	Rinu Mathew
Signature			
Date			

Presented in the FCM on 20/4/23 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Object Oriented Prog-ramming Using C++* Name of Faculty: *Prof. Renjitha R*

CO-PO ATTAINMENT AND ATR

Subject name: Object oriented programming using C++	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	2	0	1	0	0	0	0	2	0	0
CO2	2	2	0	0	0	0	0	0	1	0	0
CO3	0	1	0	1	0	0	0	0	1	0	0
CO4	1	2	0	0	0	0	0	0	2	0	0
CO5	2	2	0	1	0	0	0	0	2	0	0
Expected PO Att	1.50	1.80	0	1.00	0	0	0	0	1.60	0	0


CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.6	0.87	1.73	0.00	0.87	0.00	0.00	0.00	1.73	0.00	0.00
CO2	1.8	1.20	1.20	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00
CO3	1.07	0.00	0.36	0.00	0.36	0.00	0.00	0.00	0.36	0.00	0.00
CO4	1.13	0.38	0.75	0.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00
CO5	2.13	1.42	1.42	0.00	0.71	0.00	0.00	0.00	1.42	0.00	0.00
CO Att Avg	1.75										
Actual PO Att	0.97	1.09	0	0.64	0	0	0	0	0.97	0	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.53	0.71	0.00	0.36	0.00	0.00	0.00	0.63	0.00	0.00

ATR

	Action Proposed (enter where applicable)
Content	
Pedagogy	PPT, lecturing, ^{more} practical sessions
Tutorials/ collaborative study	
Assessment metrics change	More weightage for output and Extra time practise.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Ranjitha R.	Ranjitha R.	Rinu Harshw
Signature			
Date			

Presented in the FCM on 20/4/23 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Software lab - II. Name of Faculty: Renjitha R

CO-PO ATTAINMENT AND ATR

Subject name: Software Lab- II- C++ and DBMS	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	2	1	1	0	0	0	0	0	0	1
CO2	1	1	1	0	0	0	0	0	0	1
CO3	1	1	0	0	0	1	1	0	0	0
CO4	0	2	1	0	0	1	0	0	1	2
CO5	1	2	0	1	0	0	0	0	0	2
Expected PO Att	1.25	1.40	1.00	1.00	0	1.00	1.00	0	1.00	1.50

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.47	1.65	0.82	0.82	0.00	0.00	0.00	0.00	0.00	0.82
CO2	3	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00
CO3	2.8	0.93	0.93	0.00	0.00	0.00	0.93	0.93	0.00	0.00
CO4	2.93	0.00	1.95	0.98	0.00	0.00	0.98	0.00	0.00	0.98
CO5	2.93	0.98	1.95	0.00	0.98	0.00	0.00	0.00	0.00	1.95
CO Att Avg	2.83									
Actual PO Att	1.14	1.33	0.93	0.98	0	0.96	0.93	0	0.98	1.43

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.11	0.07	0.07	0.02	0.00	0.05	0.07	0.00	0.02	0.07

ATR

	Action Proposed (enter where applicable)
Content	
Pedagogy	• writes examples for logic :
Tutorials/ collaborative study	More programs should be given as practicals. with additional hours.
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Renjitha R.	Renjitha R.	Pirun Mathew
Signature			
Date			

Presented in the FCM on 20/4/23 and approved/modified as follows:

Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Design & Analysis of Algorithms*

Name of Faculty: *Rajisha R.*

CO-PO ATTAINMENT AND ATR

Subject name: Design and Analysis of Algorithms	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	2	3	0	0	0	1	0	0	0	1
CO2	0	2	2	0	0	1	0	0	0	0	0
CO3	1	1	1	0	0	0	0	0	0	0	1
CO4	0	2	2	0	0	1	0	0	0	0	0
CO5	1	2	3	0	0	0	0	0	0	0	1
Expected PO Att	1.33	1.80	2.20	0	0	1.00	1.00	0	0	0	1.00

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.05	1.37	1.37	2.05	0.00	0.00	0.68	0.00	0.00	0.68
CO2	1.47	0.00	0.98	0.98	0.00	0.00	0.49	0.00	0.00	0.00
CO3	1.63	0.54	0.54	0.54	0.00	0.00	0.00	0.00	0.00	0.54
CO4	1.05	0.00	0.70	0.70	0.00	0.00	0.35	0.00	0.00	0.00
CO5	1.92	0.64	1.28	1.92	0.00	0.00	0.00	0.00	0.00	0.64
CO Att Avg	1.62	0.85	0.97	1.24	0	0	0.42	0.68	0	0.62
Actual PO Att										

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.48	0.83	0.96	0.00	0.00	0.58	0.32	0.00	0.00	0.38

ATR

	Action Proposed (enter where applicable)
Content	More implementation of Algorithms
Pedagogy	More real time examples
Tutorials/ collaborative study	More tutorials should be given for different design techniques
Assessment metrics change	More weightage for analysis of algorithms
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Rajisha R	Rajisha R	Rinu Mathew
Signature			
Date			

Presented in the FCM on 20/4/22 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Operational Research* Name of Faculty: *Neeraj Unnikhan*

CO-PO ATTAINMENT AND ATR

Subject name:Operational Research	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	2	1	1	2	2	1	1	1	1	1
CO2	0	2	1	0	1	2	3	1	2	1
CO3	1	1	2	1	3	3	2	2	2	2
CO4	0	1	1	0	0	1	2	1	1	1
CO5	1	1	0	0	1	1	1	2	2	1
Expected PO Att	1.33	1.20	1.25	1.50	1.75	1.60	1.80	1.40	1.60	1.20

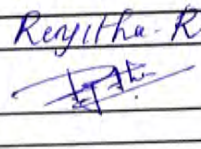
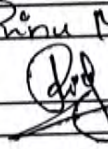
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.63	1.09	0.54	0.54	1.09	1.09	0.54	0.54	0.54	0.54
CO2	1.89	0.00	1.26	0.63	0.00	0.63	1.26	1.89	0.63	1.26
CO3	1.21	0.40	0.40	0.81	0.40	1.21	1.21	0.81	0.81	0.81
CO4	0.79	0.00	0.26	0.26	0.00	0.00	0.26	0.53	0.26	0.26
CO5	0.74	0.25	0.25	0.00	0.00	0.25	0.25	0.25	0.49	0.49
CO Att Avg	1.25									
Actual PO Att	0.58	0.54	0.56	0.75	0.79	0.70	0.80	0.55	0.67	0.50

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.75	0.66	0.69	0.76	0.96	0.90	1.00	0.85	0.93	0.70

ATR

	Action Proposed (enter where applicable)
Content	Simplification
Pedagogy	Activity based
Tutorials/ collaborative study	Peer learning
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Yves S. Chirilus	Remytha R	Rinu Mathew
Signature			
Date	01/02/2024		

Presented in the FCM on 20/4/23 and approved/modified as follows:


Area Chair/HOD 

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Web programming Using PHP* Name of Faculty: *Rani Augustine.*

CO-PO ATTAINMENT AND ATR

Subject name: Web Programming using PHP	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	1	2	0	0	0	0	0	2	0	0
CO2	1	1	0	2	0	0	0	2	0	0
CO3	2	2	2	1	0	0	0	2	0	0
CO4	0	2	2	1	0	0	0	1	0	0
CO5	2	3	2	2	0	0	0	2	0	0
Expected PO Att	1.50	2.00	2.00	1.50	0	0	0	1.80	0	0

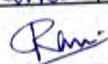


CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.84	0.61	1.23	0.00	0.00	0.00	0.00	1.23	0.00	0.00
CO2	1.68	0.56	0.56	0.00	1.12	0.00	0.00	0.00	1.12	0.00
CO3	1.42	0.95	0.95	0.95	0.47	0.00	0.00	0.00	0.95	0.00
CO4	1.32	0.00	0.88	0.88	0.44	0.00	0.00	0.00	0.44	0.00
CO5	1.89	1.26	1.89	1.26	1.26	0.00	0.00	0.00	1.26	0.00
CO Att Avg	1.63									
Actual PO Att	0.85	1.10	1.03	0.82	0	0	0	1.00	0	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.66	0.90	0.97	0.68	0.00	0.00	0.00	0.80	0.00	0.00

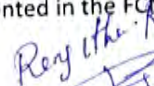
ATR

	Action Proposed (enter where applicable)
Content	Live Project interaction
Pedagogy	web application development Example
Tutorials/ collaborative study	Make Different learning groups.
Assessment metrics change	More group based assignments should be given.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Rami Augustine	Remytha R	Rinu Mathew
Signature			
Date			

Presented in the FCM on 20/4/23 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Linux Administration* Name of Faculty: *Ranjitha. R*

CO-PO ATTAINMENT AND ATR

Subject name:Linux Administration	Mapping CO PO									
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1
CO1	2	1	1	2	3	0	0	2	0	2
CO2	1	0	2	0	0	0	0	2	0	1
CO3	0	2	0	1	0	0	0	2	0	2
CO4	2	2	2	3	2	0	0	2	0	2
CO5	2	0	1	1	0	0	0	1	0	1
Expected PO Att	1.75	1.67	1.50	1.75	2.50	0	0	1.80	0	1.60


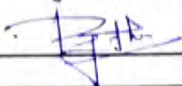

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.26	1.51	0.75	0.75	1.51	2.26	0.00	0.00	1.51	0.00	1.51
CO2	2.63	0.88	0.00	1.75	0.00	0.00	0.00	0.00	1.75	0.00	0.88
CO3	1.32	0.00	0.88	0.00	0.44	0.00	0.00	0.00	0.88	0.00	0.88
CO4	1.47	0.98	0.98	0.98	1.47	0.98	0.00	0.00	0.98	0.00	0.98
CO5	2.21	1.47	0.00	0.74	0.74	0.00	0.00	0.00	0.74	0.00	0.74
CO Att Avg	1.98										
Actual PO Att	1.21	0.87	1.06	1.04	1.62	0	0	1.17	0	1.00	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.54	0.80	0.44	0.71	0.88	0.00	0.00	0.63	0.00	0.60


ATR

	Action Proposed (enter where applicable)
Content	
Pedagogy	
Tutorials/ collaborative study	
Assessment metrics change	More weightage for the group assignment and output.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Remytha R	Remytha R	Rinu Mathew
Signature			
Date			

Presented in the FCM on 20/4/23 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *System Analysis and Software Engineering.* Name of Faculty: *Rani Agustine.*

CO-PO ATTAINMENT AND ATR

Subject name: System Analysis & Software Engineering	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	1	1	0	0	0	0	0	2	0	0
CO2	0	2	2	2	2	0	0	0	2	0	0
CO3	1	1	2	0	3	0	0	0	2	0	0
CO4	2	1	3	0	0	0	0	0	2	0	0
Expected PO Att	1.67	1.25	2.00	2.00	2.50	0	0	0	2.00	0	0

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.16	1.44	0.72	0.72	0.00	0.00	0.00	0.00	1.44	0.00	0.00
CO2	1.89	0.00	1.26	1.26	1.26	1.26	0.00	0.00	1.26	0.00	0.00
CO3	1.32	0.44	0.44	0.88	0.00	1.32	0.00	0.00	0.88	0.00	0.00
CO4	0.68	0.45	0.23	0.68	0.00	0.00	0.00	0.00	0.45	0.00	0.00
CO Att Avg	1.51										
Actual PO Att	0.78	0.66	0.89	1.26	1.29	0	0	0	1.01	0	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.89	0.59	1.12	0.74	1.21	0.00	0.00	0.99	0.00	0.00

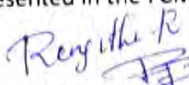
ATR

	Action Proposed (enter where applicable)
Content	
Pedagogy	More Real time Case Studies should be ^{given}
Tutorials/ collaborative study	to be intensified Additional tutorial al hours to be included.
Assessment metrics change	Group Assignment.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Rani Augustine	Reyitha R.	Rinu Mathew
Signature			
Date			

Presented in the FCM on 20/4/23 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Software lab IV*

Name of Faculty: *Rani Augustine*

CO-PO ATTAINMENT AND ATR

Subject name: Software Lab IV	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	1	2	1	0	0	0	2	1	3
CO2	2	2	2	0	0	0	0	2	1	3
CO3	2	2	2	0	0	0	0	2	0	0
CO4	2	2	2	0	0	0	0	2	0	0
CO5	2	2	1	1	0	0	0	2	1	2
Expected PO Att	1.80	1.80	1.80	1.00	0	0	0	2.00	1.00	2.67

CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.63	0.88	0.88	1.75	0.88	0.00	0.00	0.00	1.75	0.88	2.63
CO2	3	2.00	2.00	2.00	0.00	0.00	0.00	0.00	2.00	1.00	3.00
CO3	2.84	1.89	1.89	1.89	0.00	0.00	0.00	0.00	1.89	0.00	0.00
CO4	3	2.00	2.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00
CO5	2.79	1.86	1.86	0.93	0.93	0.00	0.00	0.00	1.86	0.93	1.86
CO Att Avg	2.85										
Actual PO Att	1.73	1.73	1.72	0.90	0	0	0	1.90	0.94	2.50	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.07	0.07	0.08	0.10	0.00	0.00	0.00	0.10	0.06	0.17

ATR

	Action Proposed (enter where applicable)
Content	More projects should be included
Pedagogy	web based application Development
Tutorials/ collaborative study	More Tutorials should be given
Assessment metrics change	More group based assignments should be given.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Rani Augustine	Renytha R	Rinu Mathew
Signature			
Date			

Presented in the FCM on 20/4/23 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Microprocessor & PC Hardware*

Name of Faculty: *Rani Agustina*

CO-PO ATTAINMENT AND ATR

Subject name: Microprocessor and PC Hardware	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	2	0	0	0	0	0	0	1	0	2
CO2	0	1	0	0	0	0	0	2	0	1
CO3	2	0	0	0	0	0	0	1	0	2
CO4	2	0	0	0	0	0	1	2	0	0
Expected PO Att	2.00	1.00	0	0	0	0	1.00	1.50	0	1.67




CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.53	1.69	0.00	0.00	0.00	0.00	0.00	0.84	0.00	1.69
CO2	2.42	0.00	0.81	0.00	0.00	0.00	0.00	1.61	0.00	0.81
CO3	1.89	1.26	0.00	0.00	0.00	0.00	0.00	0.63	0.00	1.26
CO4	0.79	0.53	0.00	0.00	0.00	0.00	0.26	0.53	0.00	0.00
CO Att Avg	1.91									
Actual PO Att	1.16	0.81	0	0	0	0	0.26	0.90	0	1.25

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.84	0.19	0.00	0.00	0.00	0.00	0.74	0.60	0.00	0.42

ATR

	Action Proposed (enter where applicable)
Content	
Pedagogy	Demonstration of hardware.
Tutorials/ collaborative study	Additional tutorial hours to be included.
Assessment metrics change	more weightage for group assignments.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Rami Augustine	Penytha R	Rina Hather
Signature			
Date			

Presented in the FCM on 17/4/22 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Data Structure Using C++ Name of Faculty: Renjith R

CO-PO ATTAINMENT AND ATR

Subject name: Data Structure using C++	Mapping CO PO										
	CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	2	0	0	0	0	0	0	1	0	1
CO2	2	2	0	0	0	0	0	0	1	0	1
CO3	0	1	0	0	0	0	1	0	0	0	0
CO4	2	2	0	0	0	0	0	0	1	0	1
Expected PO Att	2.00	1.75	0	0	0	1.00	0	0	1.00	0	1.00




CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	
CO1	2.11	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.70
CO2	2.11	1.41	1.41	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.70
CO3	2.37	0.00	0.79	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.00
CO4	0.58	0.39	0.39	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.19
CO Att Avg	1.79										
Actual PO Att	1.07	1.00	0	0	0	0.79	0	0.53	0	0.53	

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.93	0.75	0.00	0.00	0.00	0.21	0.00	0.47	0.00	0.47


ATR

	Action Proposed (enter where applicable)
Content	
Pedagogy	More Examples should be given to practicals.
Tutorials/ collaborative study	
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Ranjitha R	Ranjitha R	Ranjitha R
Signature			
Date			

Presented in the FCM on 17/11/22 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Operating Systems*

Name of Faculty: *Panjisha R.*

CO-PO ATTAINMENT AND ATR

Subject name: Operating Systems	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO										
CO1	1	0	0	0	0	0	0	0	1	2
CO2	2	1	0	1	0	0	0	0	0	0
CO3	0	0	1	0	0	0	0	0	0	0
CO4	2	0	0	0	0	0	1	0	0	0
CO5	2	0	1	0	0	0	0	0	0	1
Expected PO Att	1.75	1.00	1.00	1.00	0	0	1.00	0	1.00	1.50



CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1.74	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.58	1.16
CO2	2.42	1.61	0.81	0.00	0.81	0.00	0.00	0.00	0.00	0.00
CO3	1.95	0.00	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00
CO4	1.42	0.95	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.00
CO5	2.32	1.55	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.77
CO Att Avg	1.97									
Actual PO Att	1.17	0.81	0.71	0.81	0	0	0.47	0	0.58	0.97

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.58	0.19	0.29	0.19	0.00	0.00	0.53	0.00	0.42	0.53

ATR

	Action Proposed (enter where applicable)
Content	Case studies related exercises.
Pedagogy	
Tutorials/ collaborative study	
Assessment metrics change	More weightage will be given for OS based works.
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Jeyathe. P	Remytha R	Pingu Mathew
Signature			
Date			

Presented in the FCM on 17/11/22 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: Software lab-III, Name of Faculty: Renjitha R

CO-PO ATTAINMENT AND ATR

Subject name: Software Lab III - DS	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2	2	0	0	0	0	0	2	0	1
CO2	2	2	0	0	0	0	0	1	0	1
CO3	0	1	0	0	0	1	0	1	0	0
CO4	2	2	0	0	0	0	0	2	0	1
Expected PO Att	6.00	7.00	0	0	0	0	0	6.00	0	3.00

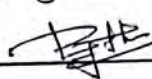


CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.63	1.75	1.75	0.00	0.00	0.00	0.00	1.75	0.00	0.83
CO2	2.89	1.93	1.93	0.00	0.00	0.00	0.00	0.96	0.00	0.96
CO3	2.58	0.00	0.86	0.00	0.00	0.86	0.00	0.86	0.00	0.00
CO4	2.74	1.83	1.83	0.00	0.00	0.00	0.00	1.83	0.00	0.91
CO Att Avg	10.84									
Actual PO Att	5.51	6.37	0	0	0	0	0	5.40	0	2.75

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
	0.49	0.63	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.25

ATR

	Action Proposed (enter where applicable)
Content	More Data/Statistics based Programs should given
Pedagogy	
Tutorials/ collaborative study	
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Ranjitha R	Ranjitha R	Pooja Mathew
Signature			
Date			

Presented in the FCM on 17/11/22 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.

Name of Course: *Computer Graphics* Name of Faculty: *Renjitha R*

CO-PO ATTAINMENT AND ATR

Subject name: Computer Graphics	Mapping CO PO									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	1	0	0	0	0	0	0	2	0	0
CO2	2	1	2	0	0	0	0	1	0	0
CO3	0	1	2	0	0	0	0	2	0	0
CO4	1	1	2	0	0	0	0	1	0	0
CO5	2	1	1	1	0	0	1	2	0	0
CO6	3	1	2	1	0	0	1	2	0	0
Expected PO Att	1.80	1.00	1.80	1.00	0	0	1.00	1.67	0	0

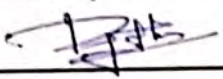

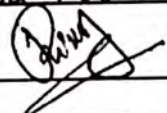
CO Attainment:	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CO1	2.25	0.75	0.00	0.00	0.00	0.00	0.00	1.51	0.00	0.00
CO2	1.95	1.30	0.65	1.30	0.00	0.00	0.00	0.65	0.00	0.00
CO3	1.89	0.00	0.63	1.26	0.00	0.00	0.00	1.26	0.00	0.00
CO4	1.74	0.58	0.58	1.16	0.00	0.00	0.00	0.58	0.00	0.00
CO5	2.25	1.51	0.75	0.75	0.75	0.00	0.00	0.75	1.51	0.00
CO6	2.53	2.53	0.84	1.69	0.84	0.00	0.00	0.84	1.69	0.00
CO Att. Avg	2.11									
Actual PO Att	1.33	0.69	1.23	0.80	0	0	0.80	1.20	0	0

Gap	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
		0.47	0.31	0.57	0.20	0.00	0.00	0.20	0.47	0.00

ATR

	Action Proposed (enter where applicable)
Content	
Pedagogy	
Tutorials/ collaborative study	To be intensified. Additional tutorial hours to be included.
Assessment metrics change	
Sequencing of Topics	
Any other (specify)	

Endorsements

	Teaching faculty	Area Chair	Program Chair on behalf of the PAC
Name	Renyitha R	Renyitha R	Rinu Mathew
Signature			
Date			

Presented in the FCM on 17/11/23 and approved/modified as follows:


Area Chair/HOD

Instructions for writing ATR

Expected PO is the average of the CO-PO mapping. This represents the maximum value for PO attainment.

The actual PO attainment depends on the CO attainment. Hence average CO attainment multiplied by the average of CO-PO mapping/3 (since max mapping value is 3) would give the PO attained.

The gap between expected and attained PO represents the area for continuous improvement.

As far as possible stick to the 5 key areas for continuous improvement.