



SMDYPSS's
**Dr.D.Y.Patil Center for Management
and Research Chikhali, Pune.**

CRITERIA 2-TEACHING-LEARNING AND EVALUATION

KEY INDICATOR- 2.6 STUDENTS PERFORMANCE AND LEARNING OUTCOME

2.6.2 Attainment of Programme outcomes and course outcomes are evaluated by the institution.

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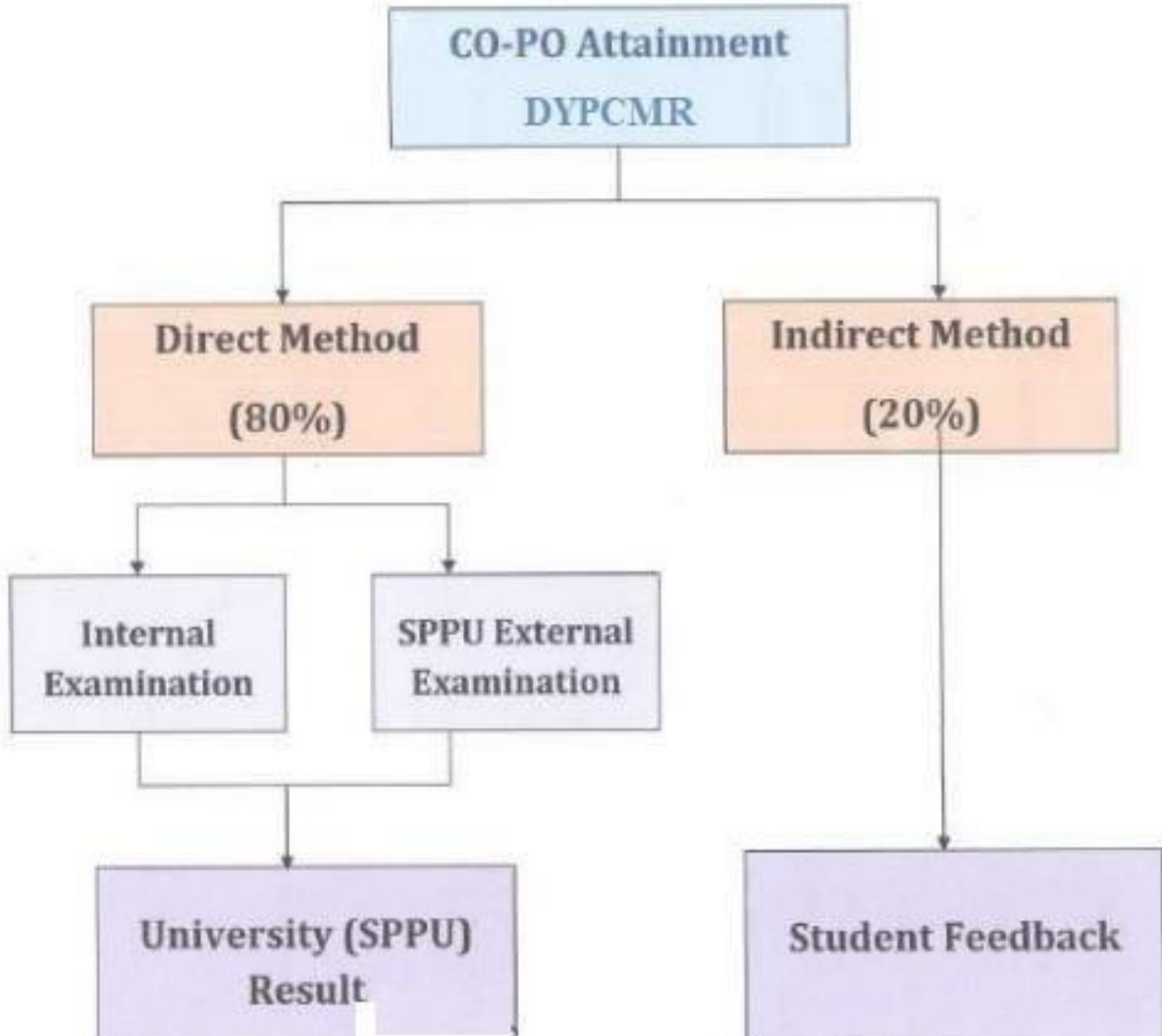
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Flowchart

Method of Attainment of

POs & Cos

**Method of Attainment of POs and COs for
Master of Business Administration**




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CO-PO Mapping

Matrix

{2023-2024}

Dr. D.Y.Patil Centre For Management and Research, Chikhali, Pune.

Target Weightage Level CO PO Mapping Matrix MBA

			PO1 - Generic and Domain Knowledge	PO2 - Problem Solving & Innovation	PO3 - Critical Thinking	PO4 - Effective Communication	PO5 - Leadership and Team Work	PO6 - Global Orientation and Cross-Cultural Appreciation	PO7 - Entrepreneurship	PO8 - Environment and Sustainability	PO9 - Social Responsiveness and Ethics	PO10 - LifeLong Learning	TOTAL (PO)	PSO1 Multidisciplinary Knowledge	PSO2 proficiency	TOTAL (PSO)
Code	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	TOTAL (PO)	PSO1	PSO2	
			Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level
101	GC-01	Managerial Accounting	2.50	1.83	2.17	1.67	1.83	1.67	1.83	2.00	2.00	2.17	19.7			
102	GC-02	Organisational Behaviour	2.17	2.17	1.17	1.50	1.00	1.17	1.50	2.00	2.17	1.83	16.7			
103	GC-03	Economic Analysis For Business Decisions	3.00	2.00	1.83	1.17	1.17	1.33	1.17	1.33	1.33	1.50	15.8			

104	GC-04	Business Research Methods	2.33	2.33	2.83	1.50	2.17	2.00	2.17	1.00	1.83	2.67	20.8			
105	GC-05	Basics Of Marketing	3.00	2.33	2.67	1.50	2.00	2.00	2.17	1.17	2.00	2.67	21.5			
106	GC-06	Digital Business	2.50	2.50	1.83	1.50	1.33	1.50	2.83	1.17	1.67	2.50	19.3			
107	GE-UL-01	Management Fundamentals	2.17	1.67	2.67	1.67	2.17	1.67	2.33	2.00	1.17	2.67	20.2			
109	GE-UL-02	Entrepreneurship Development	2.33	2.17	2.00	1.50	2.00	1.83	2.50	1.67	1.67	2.50	20.2			
111	GE-UL-03	Legal Aspects Of Business	2.80	2.20	2.20	2.00	2.00	1.40	2.40	1.00	2.20	2.60	20.8			
113	GE-IL-01	Verbal Communication Lab	2.67	2.00	1.17	2.83	2.83	2.00	0.00	0.00	0.00	3.00	16.5			
117	GE-IL-05	Business System and Procedures	2.83	2.50	2.67	1.33	2.17	2.00	2.17	1.00	1.17	3.00	20.8			
116	GE-IL-04	MS Excel	2.17	1.83	1.33	1.33	1.17	1.17	1.33	1.00	1.17	1.00	13.5			
201	GC-07	Marketing Management	2.67	2.17	2.17	2.67	2.00	2.67	2.33	2.00	2.17	2.50	23.3			
202	GC-08	Financial Management	2.83	2.67	2.67	2.33	2.67	2.33	2.83	2.83	2.17	2.50	25.8			
203	GC-09	Human Resource Management	2.50	2.33	2.17	2.50	2.50	2.33	2.67	2.50	2.67	2.50	24.7			

204	GC-10	Operation & Supply Chain Management	2.50	1.83	2.67	2.33	2.50	2.50	1.83	2.33	2.17	2.67	23.3			
207	GE-UL-07	Contemporary framework in Management	2.50	2.33	2.67	1.83	2.00	2.33	2.17	2.33	1.83	2.67	22.7			
209	GE-UL-09	Startup and New Venture Management	2.67	2.17	2.67	2.50	2.67	2.50	2.33	2.33	2.50	2.33	24.7			
211	GE-UL-11	Business, Government and Society	2.67	2.50	2.50	2.50	2.50	2.33	2.50	2.83	2.50	2.50	25.3			
216	GE-IL-10	SPSS	2.83	2.17	2.50	1.83	1.67	2.17	2.17	2.67	1.83	2.67	22.5			
205 MKT	SC-MKT-01	Marketing Research	3.00	2.67	2.33	2.17	2.50	2.67	2.17	2.83	2.17	2.50	25.0	2.17	2.33	4.50
206 MKT	SC-MKT-02	Consumer Behaviour	3.00	2.67	2.33	2.17	2.50	2.67	2.17	2.83	2.17	2.50	25.0	2.00	1.67	3.67
217 MKT	SE-IL-MKT-01	Integrated Marketing Communication	2.83	2.50	2.67	2.67	2.67	2.67	2.50	2.33	2.50	2.83	26.2	2.17	2.17	4.33
220 MKT	SE-IL-MKT-04	Digital Marketing-I	3.00	2.67	2.33	2.17	2.50	2.67	2.17	2.83	2.17	2.50	25.0	2.00	2.00	4.00
205 FIN	SC-FIN-01	Financial Markets and Banking Operations	2.83	2.67	2.67	2.33	2.67	2.33	2.83	2.83	2.17	2.50	25.8	2.00	2.50	4.50
206 FIN	SC-FIN-02	Personal Financial Planning	2.50	2.17	2.67	2.67	2.50	2.50	2.50	2.33	2.17	2.67	24.7	2.00	2.20	4.20
219 FIN	SE-IL-FIN-03	Direct Taxation	2.83	2.67	2.67	2.33	2.67	2.33	2.83	2.83	2.17	2.50	25.8	2.00	2.33	4.33

220 FIN	SE-IL- FIN-04	Financial Reporting	2.83	2.67	2.67	2.33	2.67	2.33	2.83	2.83	2.17	2.50	25.8	2.33	2.50	4.83
205 HR	SC-HRM- 01	Competency Based Human Resource Management	2.50	2.17	2.33	2.00	2.17	2.33	2.00	2.33	2.17	2.50	22.5	2.50	2.17	4.67
206 HR	SC-HRM- 02	Employee Relations and Labour Legislation	2.33	2.33	2.33	1.83	2.33	2.17	2.00	2.33	2.00	2.50	22.2	2.17	2.33	4.50
217 HR	SE-IL- HRM-01	Labour Welfare	2.17	2.00	2.33	2.00	2.00	2.50	2.17	2.33	2.17	2.50	22.2	2.17	2.50	4.67
220 HR	SE-IL- HRM-04	Public Relations and Corporate Communication	2.33	2.17	1.83	2.00	2.33	2.17	2.17	2.00	2.00	2.17	21.2	2.50	2.17	4.67
205 OSCM	SC- OSCM-01	Services Operations Management-I	2.50	2.17	2.67	2.67	2.50	2.50	2.50	2.33	2.17	2.67	24.7	2.00	2.17	4.17
206 OSCM	SC- OSCM-02	Supply Chain Management	2.50	2.17	2.67	2.67	2.50	2.50	2.50	2.33	2.17	2.67	24.7	2.50	2.33	4.83
219 OSCM:	SE-IL- OSCM-03	Inventory Management	2.83	2.67	2.67	2.33	2.67	2.33	2.83	2.83	2.17	2.50	25.8	2.50	2.33	4.83
221 OSCM	SE-IL- OSCM-05	Quality Management Standards	2.83	2.67	2.67	2.33	2.67	2.33	2.83	2.83	2.17	2.50	25.8	2.33	2.50	4.83
205 BA	SC-BA-01	Basic Business Analytics Using R	3.00	2.67	2.33	2.17	2.50	2.67	2.17	2.83	2.17	2.50	25.0	2.50	2.17	4.67
206 BA	SC-BA-02	Data Mining	2.50	1.83	2.67	2.00	1.83	2.50	2.50	1.50	2.17	2.67	22.2	2.33	2.17	4.50
217 BA	SE-IL-BA- 01	Marketing Analytics	2.83	2.67	2.67	2.33	2.67	2.33	2.83	2.83	2.17	2.50	25.8	2.17	2.50	4.67

219 BA	SE-IL-BA-03	Workforce Analytics	2.33	2.67	1.67	1.50	2.67	2.33	2.83	2.83	2.17	2.50	23.5	2.33	2.67	5.00
301	GC-11	Strategic Management	2.20	2.00	2.67	1.83	2.40	2.00	2.40	2.17	1.83	1.80	21.3			
302	GC-12	Decision Science	2.20	2.33	2.20	1.80	2.17	2.17	2.00	1.67	2.60	2.00	21.1			
306	GE - UL - 13	International Business Economics	2.50	2.00	2.33	1.80	2.40	2.00	2.20	2.00	1.83	1.60	20.7			
307	GE - UL - 14	International Business Environment	2.00	2.20	2.00	1.60	2.25	2.50	1.80	2.20	1.75	1.75	20.1			
310	GE - UL - 17	Corporate Governance	2.60	1.80	2.00	1.60	2.50	2.60	1.80	2.20	1.67	2.17	20.9			
304 MKT	SC – MKT- 03	Services Marketing	2.50	2.50	2.17	2.60	2.40	2.20	2.17	2.33	2.60	2.40	23.9	2.20	2.00	4.20
305 MKT	SC – MKT- 04	Sales & Distribution Management	2.33	1.80	2.50	2.20	2.17	2.50	1.83	2.50	2.20	2.40	22.4	2.33	2.00	4.33
312 MKT	SE – IL - MKT- 07	Business to Business Marketing	2.50	2.40	1.83	2.00	2.40	2.50	2.33	2.40	2.20	2.20	22.8	2.00	2.50	4.50
313 MKT	SE – IL - MKT- 08	International Marketing	2.17	2.25	2.17	2.20	2.50	2.33	2.40	2.80	2.20	2.20	23.2	1.83	1.80	3.63
314 MKT	SE – IL - MKT- 09	Digital Marketing-II	2.20	2.25	2.33	2.25	2.17	2.33	2.00	2.80	1.83	2.50	22.7	2.20	2.00	4.20
304 FIN	SC – FIN - 03	Advanced Financial Management	2.00	2.20	2.00	1.50	2.20	2.00	2.20	2.50	1.60	2.33	20.5	2.00	2.00	4.00

305 FIN	SC – FIN - 04	International Finance	2.20	2.60	2.00	1.80	1.83	2.40	2.00	2.80	1.67	1.80	21.1	1.83	2.50	4.33
315 FIN	SE – IL - FIN – 12	Indirect Taxation	2.00	2.50	2.40	1.67	2.33	2.60	1.80	2.50	2.00	2.00	21.8	1.80	2.75	4.55
318 FIN	SE – IL - FIN – 15	Digital Banking	2.40	2.25	2.50	1.80	2.40	2.33	1.80	2.40	2.20	1.83	21.9	2.33	2.40	4.73
321 FIN	SE – IL - FIN – 18	Insurance Laws & Regulations	2.40	2.00	2.60	2.20	2.00	2.60	2.00	2.20	2.17	2.20	22.4	2.00	2.50	4.50
304 HR	SC – HRM - 03	Strategic Human Resource Management	2.20	2.33	2.20	2.00	2.33	2.50	2.20	2.60	2.00	2.20	22.6	2.40	2.33	4.73
305 HR	SC – HRM - 04	HR Operations	2.50	2.50	2.20	2.20	2.33	2.17	2.25	2.33	2.40	2.50	23.4	2.17	2.00	4.17
312 HRM	SE – IL - HRM - 07	Talent Management	2.40	1.75	2.25	2.40	2.50	2.20	2.75	2.00	2.40	2.25	22.9	1.60	2.25	3.85
314 HRM	SE – IL - HRM - 09	HR Perspectives in Mergers and Acquisition	2.50	2.60	2.00	2.00	2.67	2.20	2.17	2.80	2.00	2.20	23.1	2.00	1.83	3.83
315 HRM	SE – IL - HRM - 10	International HR	2.50	2.40	2.00	1.60	2.40	2.17	1.80	2.33	2.33	2.20	21.7	2.00	2.20	4.20
304 OSCM	SC – OSCM - 03	Services Operations Management - II	2.20	2.00	2.00	2.00	2.60	2.33	2.17	2.80	2.17	1.80	22.1	2.20	2.17	4.37
305 OSCM	SC – OSCM - 04	Logistics Management	2.40	2.00	2.33	2.00	2.40	2.50	2.20	2.40	2.17	2.00	22.4	2.20	1.67	3.87
312 OSCM	SE – IL - OSCM - 07	Manufacturing Resource Planning	2.33	1.40	2.50	1.83	2.75	2.17	2.17	3.00	2.17	2.00	22.3	2.40	1.83	4.23

313 OSCM	SE – IL - OSCM - 08	Sustainable Supply Chain	2.50	2.40	1.83	2.17	2.20	2.67	2.00	2.50	2.20	2.17	22.6	2.20	2.00	4.20
314 OSCM	SE – IL - OSCM - 10	Business Excellence	2.40	2.00	2.20	2.17	2.33	2.40	1.83	2.83	2.20	2.17	22.5	2.20	2.00	4.20
304 BA	SC – BA - 03	Advanced Statistical Methods using R	2.20	2.60	2.00	2.00	2.20	2.50	2.17	2.80	1.83	2.25	22.6	2.00	2.20	4.20
305 BA	SC – BA - 04	Machine Learning & Cognitive intelligence using Python	2.40	2.20	2.17	2.00	2.40	1.80	2.00	2.33	2.20	2.40	21.9	1.80	2.20	4.00
312 BA	SE – IL - BA – 06	Social Media, Web & Text Analytics	2.67	2.25	2.00	2.00	2.20	2.80	2.25	2.33	2.00	2.20	22.7	2.00	1.75	3.75
313 BA	SE – IL - BA – 07	Industrial Internet of Things	2.60	2.20	2.00	2.20	2.17	2.20	2.00	2.00	2.20	2.33	21.9	2.00	1.75	3.75
314 BA	SE – IL - BA – 08	Supply Chain Analytics	2.33	2.25	2.17	2.00	2.20	2.80	1.83	2.40	1.83	2.20	22.0	2.25	2.00	4.25
401	GC – 14	Enterprise Performance Management	2.60	2.40	1.75	2.25	2.20	2.00	2.20	2.80	2.20	2.40	22.8			
402	GC – 15	Indian Ethos & Business Ethics	2.50	2.50	1.40	2.20	2.50	1.83	2.00	2.83	2.50	2.33	22.6			
406	GE - UL - 20	Technology Competition and Strategy	2.40	2.60	2.20	2.20	2.40	2.00	2.00	2.75	2.60	2.60	23.8			
407	GE - UL - 21	Cyber Laws	2.40	2.20	2.60	2.20	2.50	2.00	2.00	2.50	2.60	2.60	23.6			

403	MKT SC – MKT- 05	Marketing 4.0	2.50	2.67	2.33	1.83	2.00	2.20	2.80	2.00	2.50	2.83	23.7	2.80	2.40	5.20
404	MKT SC – MKT- 06	Marketing Strategy	3.00	2.00	2.00	3.00	3.00	3.00	2.00	2.00	2.00	3.00	25.0	2.33	2.17	4.50
413	MKT SE – IL - MKT- 17	Retailing Analytics	2.67	2.33	2.17	2.67	1.40	2.33	2.80	2.40	2.83	2.83	24.4	2.67	2.50	5.17
414	MKT SE – IL - MKT- 18	Marketing to Emerging Markets and Bottom Of the Pyramid	2.67	2.33	2.50	2.80	1.80	2.17	2.40	2.40	2.50	2.50	24.1	2.33	2.67	5.00
403 FIN	SC – FIN - 05	Financial Laws IV	2.33	2.33	2.50	2.33	2.60	1.83	2.40	2.60	2.50	2.33	23.8	2.33	2.83	5.17
404 FIN	SC – FIN - 06	Current Trends & Cases in Finance	2.50	2.17	2.17	2.80	2.20	2.00	2.20	2.60	2.83	2.50	24.0	2.50	2.17	4.67
410 FIN	SE – IL - FIN – 22	Business Valuation	2.33	2.17	2.17	2.60	2.50	2.00	2.20	2.33	2.80	2.67	23.8	2.33	2.33	4.67
412 FIN	SE – IL - FIN – 24	Strategic Cost Management	2.00	2.60	2.75	2.50	1.80	2.00	2.25	2.60	2.75	2.60	23.9	1.80	2.80	4.60
403 HR	SC – HRM - 05	Organizational Diagnosis & Development	2.50	2.50	2.00	2.80	2.40	2.33	2.40	2.20	2.50	2.17	23.8	2.33	2.33	4.67
404 HR	SC – HRM - 06	Current Trends & Cases in Human Resource Management	2.67	2.83	2.00	2.80	2.20	2.50	2.60	2.20	2.33	2.17	24.3	1.83	2.50	4.33
414HR	SE – IL - HRM - 20	Leadership and Succession Planning	2.80	2.80	1.75	2.80	2.25	2.80	2.50	2.20	2.00	2.40	24.3	2.80	2.20	5.00

415 HR	SE – IL - HRM - 21	E HRM	2.80	2.80	1.75	2.80	2.25	2.80	2.50	2.20	2.00	2.40	24.3	2.40	2.40	4.80
403 OSCM	SC – OSCM - 05	E Supply Chains & Logistics	2.20	2.60	1.50	2.50	2.00	2.40	2.67	2.40	3.00	2.60	23.9	2.40	2.80	5.20
404 OSCM	SC – OSCM - 06	Industry 4.0	2.00	2.00	3.00	3.00	1.00	2.00	2.00	3.00	2.00	3.00	23.0	3.00	3.00	6.00
409 OSCM	SE – IL - OSCM – 14	Enterprise Resource Planning	2.17	2.50	1.80	2.50	2.17	2.33	2.80	2.20	2.83	2.83	24.1	2.33	2.67	5.00
410 OSCM	SE – IL - OSCM – 15	World Class Manufacturing	2.33	2.50	2.33	2.67	1.83	1.80	2.75	2.33	2.67	2.83	24.1	2.33	2.33	4.67
403 BA	SC – BA - 05	Economics of Network Industries	2.50	2.50	1.80	2.60	2.40	2.83	2.40	2.33	2.20	2.67	24.2	2.50	2.50	5.00
404 BA	SC – BA - 06	Artificial Intelligence in Business Applications	2.50	2.67	1.80	2.60	2.33	2.83	2.00	2.33	2.20	2.50	23.8	2.17	2.83	5.00
411 BA	SE – IL - BA - 15	Watson	2.83	2.33	2.40	2.33	2.60	2.50	2.20	2.40	2.60	2.17	24.4	2.50	2.33	4.83
412 BA	SE – IL - BA - 16	Scala and Spark	2.50	2.83	2.20	2.33	2.40	2.60	2.40	2.40	2.33	2.00	24.0	2.33	2.83	5.17
	SC – RABM – 01	Agriculture and Indian Economy III	3.00	2.67	2.33	2.17	2.50	2.67	2.17	2.83	2.17	2.50	25.0	2.17	2.33	4.50
	2 SC – RABM – 02	ICT for Agriculture Management	3.00	2.67	2.33	2.17	2.50	2.67	2.17	2.83	2.17	2.50	25.0	2.00	1.67	3.67
	SE – RABM – 05	Agri – Entrepreneurship	2.83	2.50	2.67	2.67	2.67	2.67	2.50	2.33	2.50	2.83	26.2	2.17	2.17	4.33

	4 SE – RABM – 06	Rural Marketing II	3.00	2.67	2.33	2.17	2.50	2.67	2.17	2.83	2.17	2.50	25.0	2.00	2.00	4.00
	SC – PHCM- 01	Fundamentals of Pharma and Healthcare Management	2.83	2.67	2.67	2.33	2.67	2.33	2.83	2.83	2.17	2.50	25.8	2.00	2.50	4.50
	SC – PHCM- 02	Pharma and healthcare regulatory environment in India	2.50	2.17	2.67	2.67	2.50	2.50	2.50	2.33	2.17	2.67	24.7	2.00	2.20	4.20
	SE – PHCM- 05	Pharmaceutical Import and Export	2.83	2.67	2.67	2.33	2.67	2.33	2.83	2.83	2.17	2.50	25.8	2.00	2.33	4.33
	SE – PHCM- 06	Entrepreneurship in Pharma and Healthcare	2.83	2.67	2.67	2.33	2.67	2.33	2.83	2.83	2.17	2.50	25.8	2.33	2.50	4.83
	SC – THM – 01	Fundamentals of Hospitality Management	2.50	2.17	2.33	2.00	2.17	2.33	2.00	2.33	2.17	2.50	22.5	2.50	2.17	4.67
	SC – THM - 02	Tourism & Travel Management	2.33	2.33	2.33	1.83	2.33	2.17	2.00	2.33	2.00	2.50	22.2	2.17	2.33	4.50
	SE – THM - 05	Strategic Hospitality Management	2.17	2.00	2.33	2.00	2.00	2.50	2.17	2.33	2.17	2.50	22.2	2.17	2.50	4.67
	SE – THM - 06	Revenue Management	2.33	2.17	1.83	2.00	2.33	2.17	2.17	2.00	2.00	2.17	21.2	2.50	2.17	4.67
	SC – IB – 01	Import Export Documentation and Procedures	2.50	2.17	2.67	2.67	2.50	2.50	2.50	2.33	2.17	2.67	24.7	2.00	2.17	4.17
	SC – IB - 02	Global Trade and Logistics Management	2.50	2.17	2.67	2.67	2.50	2.50	2.50	2.33	2.17	2.67	24.7	2.50	2.33	4.83

	SE-IB-05	Global Competitiveness, Value Chains and Alliances	2.83	2.67	2.67	2.33	2.67	2.33	2.83	2.83	2.17	2.50	25.8	2.50	2.33	4.83
	SE-IB-06	International Banking and Foreign Exchange Management	2.83	2.67	2.67	2.33	2.67	2.33	2.83	2.83	2.17	2.50	25.8	2.33	2.50	4.83
Weighted Average (PO)			2.53	2.33	2.27	2.18	2.29	2.29	2.26	2.35	2.14	2.41	23.06	2.22	2.29	4.51



SMDYPSS's
**Dr.D.Y.Patil Center for Management
and Research Chikhali, Pune.**

CO PO Attainment {2023-2024}

Dr.D.Y.Patil Centre For Management and Research, Chikhali, Pune.

Attainment for Program MBA (2023-2024)

Code	Course Code	Course Name	PO1 - Generic and Domain Knowledge	PO2 - Problem Solving & Innovation	PO3 - Critical Thinking	PO4 - Effective Communication	PO5 - Leadership and Team Work	PO6 - Global Orientation and Cross-Cultural Appreciation	PO7 - Entrepreneurship	PO8 - Environment and Sustainability	PO9 - Social Responsiveness and Ethics	PO10 - Life Long Learning	TOTAL (PO)	PSO1 Multidisciplinary Knowledge	PSO2 proficiency	TOTAL (PSO)
			Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level
101	GC-01	Managerial Accounting	3.00	2.80	3.00	2.54	2.80	2.54	2.80	3.00	3.00	3.00	28.47			
102	GC-02	Organisational Behaviour	2.60	2.60	1.40	1.80	1.20	1.40	1.80	2.40	2.60	2.20	20.00			
103	GC-03	Economic Analysis For	3.00	3.00	3.00	2.21	2.21	2.53	2.21	2.53	2.53	2.84	26.05			
104	GC-04	Business Research	2.80	2.80	3.00	1.80	2.60	2.40	2.60	1.20	2.20	3.00	24.40			
105	GC-05	Basics Of Marketing	3.00	3.00	3.00	2.09	2.79	2.79	3.00	1.63	2.79	3.00	27.09			
106	GC-06	Digital Business	3.00	3.00	2.84	2.33	2.07	2.33	3.00	1.81	2.59	3.00	25.97			
107	GE-UL-01	Management Fundamentals	3.00	2.48	3.00	2.48	3.00	2.48	3.00	2.98	1.74	3.00	27.15			
109	GE-UL-02	Entrepreneurship Development	3.00	3.00	2.98	2.23	2.98	2.73	3.00	2.48	2.48	3.00	27.87			
111	GE-UL-03	Legal Aspects Of Business	3.00	3.00	3.00	2.88	2.88	2.02	3.00	1.44	3.00	3.00	27.23			
113	GE-IL-01	Verbal Communication	3.00	3.00	2.12	3.00	3.00	3.00	0.00	0.00	0.00	3.00	20.12			
117	GE-IL-05	Business System and Procedures	3.00	3.00	3.00	1.92	3.00	2.88	3.00	1.44	1.68	3.00	25.92			
116	GE-IL-04	MS Excel	3.00	3.00	2.96	2.96	2.59	2.59	2.96	2.22	2.59	2.22	27.11			
201	GC-07	Marketing Management	3.00	2.79	2.79	3.00	2.57	3.00	3.00	2.57	2.79	3.00	28.50			
202	GC-08	Financial Management	3.00	3.00	3.00	2.71	3.00	2.71	3.00	3.00	2.52	2.90	28.84			
203	GC-09	Human Resource	3.00	2.84	2.64	3.00	3.00	2.84	3.00	3.00	3.00	3.00	29.31			
204	GC-10	Operation & Supply Chain	3.00	2.36	3.00	3.00	3.00	3.00	2.36	3.00	2.79	3.00	28.50			
207	GE-UL-07	Contemporary framework in	3.00	3.00	3.00	2.43	2.65	3.00	2.87	3.00	2.43	3.00	28.37			
209	GE-UL-09	Startup and New Venture	3.00	2.64	3.00	3.00	3.00	3.00	2.84	2.84	3.00	2.84	29.15			
211	GE-UL-11	Business, Government and	3.00	2.96	2.96	2.96	2.96	2.76	2.96	3.00	2.96	2.96	29.49			
216	GE-IL-10	SPSS	3.00	2.89	3.00	2.44	2.22	2.89	2.89	3.00	2.44	3.00	27.78			
205 MKT	SC-MKT-01	Marketing Research	3.00	3.00	2.80	2.60	3.00	3.00	2.60	3.00	2.60	3.00	28.60	2.60	2.80	5.40
206 MKT	SC-MKT-02	Consumer Behaviour	3.00	3.00	2.80	2.60	3.00	3.00	2.60	3.00	2.60	3.00	28.60	2.40	2.00	4.40
217 MKT	SE-IL-MKT-01	Integrated Marketing	3.00	2.87	3.00	3.00	3.00	3.00	2.87	2.68	2.87	3.00	29.27	2.48	2.48	4.97
220 MKT	SE-IL-MKT-04	Digital Marketing-I	3.00	3.00	2.80	2.60	3.00	3.00	2.60	3.00	2.60	3.00	28.60	2.40	2.40	4.80
205 FIN	SC-FIN-01	Financial Markets and	3.00	3.00	3.00	2.71	3.00	2.71	3.00	3.00	2.52	2.90	28.84	2.32	2.90	5.23
206 FIN	SC-FIN-02	Personal Financial	3.00	2.64	3.00	3.00	3.00	3.00	3.00	2.84	2.64	3.00	29.11	2.43	2.68	5.11
219 FIN	SE-IL-FIN-03	Direct Taxation	3.00	3.00	3.00	2.71	3.00	2.71	3.00	3.00	2.52	2.90	28.84	2.32	2.71	5.03
220 FIN	SE-IL-FIN-04	Financial Reporting	3.00	3.00	3.00	2.71	3.00	2.71	3.00	3.00	2.52	2.90	28.84	2.71	2.90	5.61
205 HR	SC-HRM-01	Competency Based Human	3.00	2.89	3.00	2.67	2.89	3.00	2.67	3.00	2.89	3.00	29.00	3.00	2.89	5.89
206 HR	SC-HRM-02	Employee Relations and	3.00	3.00	3.00	2.48	3.00	2.93	2.71	3.00	2.71	3.00	28.83	2.93	3.00	5.93



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217 HR	SE-IL- HRM-01	Labour Welfare	2.93	2.71	3.00	2.71	2.71	3.00	2.93	3.00	2.93	3.00	28.92	2.93	3.00	5.93
220 HR	SE-IL- HRM-04	Public Relations and Corporate	3.00	3.00	2.60	2.83	3.00	3.00	3.00	2.83	2.83	3.00	29.10	3.00	3.00	6.00
205 OSCM	SC- OSCM-	Services Operations	3.00	2.64	3.00	3.00	3.00	3.00	3.00	2.84	2.64	3.00	29.11	2.43	2.64	5.07
206 OSCM	SC- OSCM-	Supply Chain Management	3.00	2.64	3.00	3.00	3.00	3.00	3.00	2.84	2.64	3.00	29.11	3.00	2.84	5.84
219 OSC	SE-IL- OSCM-	Inventory Management	3.00	3.00	3.00	2.71	3.00	2.71	3.00	3.00	2.52	2.90	28.84	2.90	2.71	5.61
221 OSCM	SE-IL- OSCM-	Quality Management	3.00	3.00	3.00	2.71	3.00	2.71	3.00	3.00	2.52	2.90	28.84	2.71	2.90	5.61
205 BA	SC-BA- 01	Basic Business Analytics Using	3.00	3.00	2.80	2.60	3.00	3.00	2.60	3.00	2.60	3.00	28.60	3.00	2.60	5.60
206 BA	SC-BA- 02	Data Mining	3.00	2.48	3.00	2.71	2.48	3.00	3.00	2.03	2.93	3.00	27.63	3.00	2.93	5.93
217 BA	SE-IL- BA-01	Marketing Analytics	3.00	3.00	3.00	2.71	3.00	2.71	3.00	3.00	2.52	2.90	28.84	2.52	2.90	5.42
219 BA	SE-IL- BA-03	Workforce Analytics	2.98	3.00	2.13	1.91	3.00	2.98	3.00	3.00	2.77	3.00	27.77	2.98	3.00	5.98
301	GC-11	Strategic Management	3.00	2.82	3.00	2.58	3.00	2.82	3.00	3.00	2.58	2.54	28.33			
302	GC-12	Decision Science	3.00	3.00	3.00	2.56	3.00	3.00	2.84	2.37	3.00	2.84	28.60			
306	GE - UL 13	International Business	3.00	2.90	3.00	2.61	3.00	2.90	3.00	2.90	2.66	2.32	28.31			
307	GE - UL 14	International Business	2.99	3.00	2.99	2.39	3.00	3.00	2.69	3.00	2.62	2.62	28.31			
310	GE - UL 17	Corporate Governance	3.00	2.58	2.87	2.29	3.00	3.00	2.58	3.00	2.39	3.00	27.71			
304 MKT	SC - MKT- 03	Services Marketing	3.00	3.00	2.72	3.00	3.00	2.77	2.72	2.93	3.00	3.00	29.15	2.77	2.51	5.28
305 MKT	SC - MKT- 04	Sales & Distribution	3.00	2.41	3.00	2.94	2.90	3.00	2.45	3.00	2.94	3.00	28.64	3.00	2.67	5.67
312 MKT	SE - IL - MKT- 07	Business to Business	3.00	3.00	2.42	2.64	3.00	3.00	3.00	3.00	2.90	2.90	28.85	2.64	3.00	5.64
313 MKT	SE - IL - MKT- 08	International Marketing	2.80	2.91	2.80	2.84	3.00	3.00	3.00	3.00	2.84	2.84	29.04	2.37	2.33	4.69
314 MKT	SE - IL - MKT- 09	Digital Marketing-II	2.91	2.98	3.00	2.98	2.87	3.00	2.65	3.00	2.43	3.00	28.81	2.91	2.65	5.56
304 FIN	SC - FIN - 03	Advanced Financial	2.92	3.00	2.92	2.19	3.00	2.92	3.00	3.00	2.34	3.00	28.30	2.92	2.92	5.84
305 FIN	SC - FIN - 04	International Finance	3.00	3.00	2.84	2.56	2.61	3.00	2.84	3.00	2.37	2.56	27.78	2.61	3.00	5.61
315 FIN	SE - IL - FIN - 12	Indirect Taxation	2.75	3.00	3.00	2.29	3.00	3.00	2.48	3.00	2.75	2.75	28.03	2.48	3.00	5.48
318 FIN	SE - IL - FIN - 15	Digital Banking	3.00	3.00	3.00	2.46	3.00	3.00	2.46	3.00	3.00	2.51	28.44	3.00	3.00	6.00
321 FIN	SE - IL - FIN - 18	Insurance Laws & Regulations	3.00	2.68	3.00	2.95	2.68	3.00	2.68	2.95	2.91	2.95	28.81	2.68	3.00	5.68
304 HR	SC - HRM -	Strategic Human Resource	2.92	3.00	2.92	2.66	3.00	3.00	2.92	3.00	2.66	2.92	29.02	3.00	3.00	6.00
305 HR	SC - HRM -	HR Operations	3.00	3.00	2.82	2.82	2.99	2.78	2.89	2.99	3.00	3.00	29.30	2.78	2.57	5.35
312 HRM	SE - IL - HRM -	Talent Management	3.00	2.29	2.95	3.00	3.00	2.88	3.00	2.62	3.00	2.95	28.69	2.10	2.95	5.04
314 HRM	SE - IL - HRM -	HR Perspectives in Mergers and	3.00	3.00	2.59	2.59	3.00	2.85	2.81	3.00	2.59	2.85	28.30	2.59	2.38	4.97
315 HRM	SE - IL - HRM -	International HR	3.00	3.00	2.76	2.21	3.00	2.99	2.48	3.00	3.00	3.00	28.44	2.76	3.00	5.76
304 OSCM	SC - OSCM -	Services Operations	2.99	2.72	2.72	2.72	3.00	3.00	2.95	3.00	2.95	2.45	28.49	2.99	2.95	5.94
305 OSCM	SC - OSCM -	Logistics Management	3.00	2.68	3.00	2.68	3.00	3.00	2.95	3.00	2.90	2.68	28.88	2.95	2.23	5.18
312 OSCM	SE - IL - OSCM -	Manufacturing Resource	3.00	1.88	3.00	2.46	3.00	2.91	2.91	3.00	2.91	2.69	27.77	3.00	2.46	5.46
313 OSCM	SE - IL - OSCM -	Sustainable Supply Chain	3.00	3.00	2.43	2.87	2.92	3.00	2.65	3.00	2.92	2.87	28.66	2.92	2.65	5.57
314 OSCM	SE - IL - OSCM -	Business Excellence	3.00	2.66	2.93	2.88	3.00	3.00	2.44	3.00	2.93	2.88	28.73	2.93	2.66	5.59
304 BA	SC - BA 03	Advanced Statistical	2.93	3.00	2.66	2.66	2.93	3.00	2.88	3.00	2.44	2.99	28.49	2.66	2.93	5.59



(Signature)
Director

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305 BA	SC – BA 04	Machine Learning &	3.00	3.00	2.97	2.74	3.00	2.47	2.74	3.00	3.00	3.00	28.91	2.47	3.00	5.47
312 BA	SE – IL - BA – 06	Social Media, Web & Text	3.00	2.97	2.64	2.64	2.91	3.00	2.97	3.00	2.64	2.91	28.69	2.64	2.31	4.96
313 BA	SE – IL - BA – 07	Industrial Internet Of	3.00	3.00	2.74	3.00	2.97	3.00	2.74	2.74	3.00	3.00	29.19	2.74	2.40	5.14
314 BA	SE – IL - BA – 08	Supply Chain Analytics	3.00	3.00	2.95	2.73	3.00	3.00	2.50	3.00	2.50	3.00	28.67	3.00	2.73	5.73
401	GC – 14	Enterprise Performance	3.00	3.00	2.30	2.96	2.89	2.63	2.89	3.00	2.89	3.00	28.58			
402	GC – 15	Indian Ethos & Business Ethics	3.00	3.00	1.86	2.92	3.00	2.43	2.65	3.00	3.00	3.00	27.87			
406	GE - UL - 20	Technology Competition and	3.00	3.00	2.78	2.78	3.00	2.53	2.53	3.00	3.00	3.00	28.61			
407	GE - UL - 21	Cyber Laws	3.00	2.80	3.00	2.80	3.00	2.54	2.54	3.00	3.00	3.00	28.68			
403	MKT SC – MKT -	Marketing 4.0	3.00	3.00	2.96	2.32	2.54	2.79	3.00	2.54	3.00	3.00	28.14	3.00	3.00	6.00
404	MKT SC – MKT -	Marketing Strategy	3.00	2.40	2.40	3.00	3.00	3.00	2.40	2.40	2.40	3.00	27.00	2.80	2.60	5.40
413	MKT SE – IL -	Retailing Analytics	3.00	2.86	2.66	3.00	1.72	2.86	3.00	2.95	3.00	3.00	28.06	3.00	3.00	6.00
414	MKT SE – IL -	Marketing to Emerging	3.00	2.91	3.00	3.00	2.24	2.70	2.99	2.99	3.00	3.00	28.84	2.91	3.00	5.91
403 FIN	SC – FIN - 05	Financial Laws IV	2.95	2.95	3.00	2.95	3.00	2.31	3.00	3.00	3.00	2.95	29.10	2.95	3.00	5.95
404 FIN	SC – FIN - 06	Current Trends & Cases in	3.00	2.71	2.71	3.00	2.75	2.50	2.75	3.00	3.00	3.00	28.44	3.00	2.71	5.71
410 FIN	SE – IL - FIN – 22	Business Valuation	2.95	2.73	2.73	3.00	3.00	2.52	2.78	2.95	3.00	3.00	28.66	2.95	2.95	5.89
412 FIN	SE – IL - FIN – 24	Strategic Cost Management	2.52	3.00	3.00	3.00	2.26	2.52	2.83	3.00	3.00	3.00	28.13	2.26	3.00	5.26
403 HR	SC – HRM -	Organizational Diagnosis &	3.00	3.00	2.52	3.00	3.00	2.94	3.00	2.77	3.00	2.73	28.97	2.94	2.94	5.88
404 HR	SC – HRM -	Current Trends & Cases in	3.00	3.00	2.47	3.00	2.72	3.00	3.00	2.72	2.88	2.67	28.46	2.26	3.00	5.26
414HR	SE – IL - HRM -	Leadership and Succession	3.00	3.00	2.16	3.00	2.78	3.00	3.00	2.72	2.47	2.96	28.09	3.00	2.72	5.72
415 HR	SE – IL - HRM -	E HRM	3.00	3.00	2.16	3.00	2.78	3.00	3.00	2.72	2.47	2.96	28.09	2.96	2.96	5.93
403 OSCM	SC – OSCM -	E Supply Chains &	2.77	3.00	1.89	3.00	2.51	3.00	3.00	3.00	3.00	3.00	28.16	3.00	3.00	6.00
404 OSCM	SC – OSCM -	Industry 4.0	2.61	2.61	3.00	3.00	1.30	2.61	2.61	3.00	2.61	3.00	26.35	3.00	3.00	6.00
409 OSCM	SE – IL - OSCM –	Enterprise Resource	2.69	3.00	2.24	3.00	2.69	2.90	3.00	2.73	3.00	3.00	28.26	2.90	3.00	5.90
410 OSCM	SE – IL - OSCM –	World Class Manufacturing	2.91	3.00	2.91	3.00	2.29	2.25	3.00	2.91	3.00	3.00	28.26	2.91	2.91	5.82
403 BA	SC – BA - 05	Economics of Network	3.00	3.00	2.23	3.00	2.97	3.00	2.97	2.89	2.72	3.00	28.78	3.00	3.00	6.00
404 BA	SC – BA - 06	Artificial Intelligence in	3.00	3.00	2.27	3.00	2.95	3.00	2.52	2.95	2.78	3.00	28.46	2.73	3.00	5.73
411 BA	SE – IL - BA - 15	Watson	3.00	2.87	2.95	2.87	3.00	3.00	2.71	2.95	3.00	2.67	29.03	3.00	2.87	5.87
412 BA	SE – IL - BA – 16	Scala and Spark	3.00	3.00	2.75	2.92	3.00	3.00	3.00	3.00	2.92	2.50	29.08	2.92	3.00	5.92
	RABM – 01	Indian Economy III	3.00	3.00	2.80	2.60	3.00	3.00	2.60	3.00	2.60	3.00	28.60	2.60	2.80	5.40
	RABM – 02	Agriculture Management	3.00	3.00	2.80	2.60	3.00	3.00	2.60	3.00	2.60	3.00	28.60	2.40	2.00	4.40
	RABM – 05	Entrepreneurshi p	3.00	2.87	3.00	3.00	3.00	3.00	2.87	2.68	2.87	3.00	29.27	2.48	2.48	4.97
	RABM – 06	Rural Marketing II	3.00	3.00	2.80	2.60	3.00	3.00	2.60	3.00	2.60	3.00	28.60	2.40	2.40	4.80
	PHCM- 01	of Pharma and Healthcare	3.00	3.00	3.00	2.71	3.00	2.71	3.00	3.00	2.52	2.90	28.84	2.32	2.90	5.23
	PHCM- 02	healthcare regulatory	3.00	2.64	3.00	3.00	3.00	3.00	3.00	2.84	2.64	3.00	29.11	2.43	2.68	5.11
	PHCM- 05	Import and Export	3.00	3.00	3.00	2.71	3.00	2.71	3.00	3.00	2.52	2.90	28.84	2.32	2.71	5.03
	PHCM- 06	Entrepreneurshi p in Pharma and	3.00	3.00	3.00	2.71	3.00	2.71	3.00	3.00	2.52	2.90	28.84	2.71	2.90	5.61



(Signature)
Director

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THM - 01	of Hospitality Management	3.00	2.89	3.00	2.67	2.89	3.00	2.67	3.00	2.89	3.00	29.00	3.00	2.89	5.89
THM - 02	Travel Management	3.00	3.00	3.00	2.48	3.00	2.93	2.71	3.00	2.71	3.00	28.83	2.93	3.00	5.93
THM - 05	Hospitality Management	2.93	2.71	3.00	2.71	2.71	3.00	2.93	3.00	2.93	3.00	28.92	2.93	3.00	5.93
THM - 06	Revenue Management	3.00	3.00	2.60	2.83	3.00	3.00	3.00	2.83	2.83	3.00	29.10	3.00	3.00	6.00
SC - IB - 01	Documentation and Procedures	3.00	2.64	3.00	3.00	3.00	3.00	3.00	2.84	2.64	3.00	29.11	2.43	2.64	5.07
SC - IB - 02	and Logistics Management	3.00	2.64	3.00	3.00	3.00	3.00	3.00	2.84	2.64	3.00	29.11	3.00	2.84	5.84
SE - IB - 05	Competitiveness , Value Chains	3.00	3.00	3.00	2.71	3.00	2.71	3.00	3.00	2.52	2.90	28.84	2.90	2.71	5.61
SE - IB - 06	Banking and Foreign	3.00	3.00	3.00	2.71	3.00	2.71	3.00	3.00	2.52	2.90	28.84	2.71	2.90	5.61
Weighted Average Attainment (PO)		2.90	2.70	2.60	2.57	2.65	2.58	2.77	2.53	2.40	2.87	28.29	2.73	2.74	5.47



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Director

**Dr. D. Y. Patil Centre For
Management And Research**
Gat No.1029/1030, A/P., Chikhali 411062

Attainment Level	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2
Attainment PO's Direct Method	2.97	2.88	2.81	2.72	2.85	2.84	2.80	2.81	2.70	2.91	2.75	2.79
80% of Direct Method	2.38	2.30	2.25	2.18	2.28	2.27	2.24	2.25	2.16	2.33	2.20	2.23
Attainment PO by Indirect Method	2.64	1.98	1.75	1.95	2.04	1.54	2.64	1.41	1.31	2.72	2.65	2.54
20% of Indirect Method	0.53	0.40	0.35	0.39	0.41	0.31	0.53	0.28	0.26	0.54	0.53	0.51
Total Attainment of PO	2.90	2.70	2.60	2.57	2.67	2.58	2.75	2.53	2.43	2.87	2.73	2.74

Target PO	2.53	2.33	2.27	2.18	2.29	2.29	2.26	2.35	2.14	2.41	2.22	2.29	2.30
Attained PO	2.90	2.70	2.60	2.57	2.65	2.58	2.77	2.53	2.40	2.87	2.73	2.74	2.60

Summary

The Set Target Level of PO is 2.30 and the attainment level of PO using direct and Indirect method is 2.60

Hence all 10 PO's and 2 PSO's attain the set target level

For the courses which do not attain the set target level, respective faculties are informed to draft plan of improvement for the respective course.

Dr.D.Y.Patil Centre For Management and Research, Chikhali, Pune.

CO Attainment Level , Academic Year (2023-2024)

Code	Course Code	Course Name	Target Attainment Level	CO Attainment Level	Attainment
SEMESTER -I					
101	GC-01	Managerial Accounting	3	3	Attained
102	GC-02	Organisational Behaviour	3	2	Not Attained
103	GC-03	Economic Analysis For Business Decisions	3	3	Attained
104	GC-04	Business Research Methods	3	3	Attained
105	GC-05	Basics Of Marketing	3	3	Attained
106	GC-06	Digital Business	3	3	Attained
107	GE-UL-01	Management Fundamentals	3	2	Not Attained
109	GE-UL-02	Entrepreneurship Development	3	3	Attained
111	GE-UL-03	Legal Aspects Of Business	3	3	Attained
113	GE-IL-01	Verbal Communication Lab	3	3	Attained
117	GE-IL-05	Business System and Procedures	3	3	Attained
116	GE-IL-04	MS Excel	3	3	Attained
SEMESTER -II					
201	GC-07	Marketing Management	3	3	Attained
202	GC-08	Financial Management	3	3	Attained
203	GC-09	Human Resource Management	3	3	Attained
204	GC-10	Operation & Supply Chain Management	3	3	Attained
207	GE-UL-07	Contemporary framework in Management	3	3	Attained
209	GE-UL-09	Startup and New Venture Management	3	3	Attained
211	GE-UL-11	Business, Government and Society	3	3	Attained
216	GE-IL-10	SPSS	3	3	Attained
205 MKT	SC-MKT-01	Marketing Research	3	3	Attained
206 MKT	SC-MKT-02	Consumer Behaviour	3	3	Attained
217 MKT	SE-IL-MKT-01	Integrated Marketing Communication	3	3	Attained
220 MKT	SE-IL-MKT-04	Digital Marketing-I	3	3	Attained
205 FIN	SC-FIN-01	Financial Markets and Banking Operations	3	3	Attained
206 FIN	SC-FIN-02	Personal Financial Planning	3	3	Attained

219 FIN	SE-IL-FIN-03	Direct Taxation	3	3	Attained
220 FIN	SE-IL-FIN-04	Financial Reporting	3	3	Attained
205 HR	SC-HRM-01	Competancy Based Human Resource Management	3	3	Attained
206 HR	SC-HRM-02	Employee Relations and Labour Legislation	3	3	Attained
217 HR	SE-IL-HRM-01	Labour Welfare	3	3	Attained
220 HR	SE-IL-HRM-04	Public Relations and Corporate Communication	3	3	Attained
205 OSCM	SC-OSCM-01	Services Operations Management-I	3	3	Attained
206 OSCM	SC-OSCM-02	Supply Chain Management	3	3	Attained
219 OSCM:	SE-IL-OSCM-03	Inventory Management	3	3	Attained
221 OSCM	SE-IL-OSCM-05	Quality Management Standards	3	3	Attained
205 BA	SC-BA-01	Basic Business Analytics Using R	3	3	Attained
206 BA	SC-BA-02	Data Mining	3	3	Attained
217 BA	SE-IL-BA-01	Marketing Analytics	3	3	Attained
219 BA	SE-IL-BA-03	Workforce Analytics	3	3	Attained
SEMESTER -III					
301	GC-11	Strategic Management	3	3	Attained
302	GC-12	Decision Science	3	3	Attained
306	GE - UL - 13	International Business Economics	3	3	Attained
307	GE - UL - 14	International Business Environment	3	3	Attained
310	GE - UL - 17	Corporate Governance	3	3	Attained
304 MKT	SC – MKT-03	Services Marketing	3	3	Attained
305 MKT	SC – MKT-04	Sales & Distribution Management	3	3	Attained
312 MKT	SE – IL - MKT- 07	Business to Business Marketing	3	3	Attained
313 MKT	SE – IL - MKT- 08	International Marketing	3	3	Attained
314 MKT	SE – IL - MKT- 09	Digital Marketing-II	3	3	Attained
304 FIN	SC – FIN - 03	Advanced Financial Management	3	3	Attained
305 FIN	SC – FIN - 04	International Finance	3	3	Attained
315 FIN	SE – IL - FIN – 12	Indirect Taxation	3	3	Attained
318 FIN	SE – IL - FIN – 15	Digital Banking	3	3	Attained

321 FIN	SE – IL - FIN – 18	Insurance Laws & Regulations	3	3	Attained
304 HR	SC – HRM - 03	Strategic Human Resource Management	3	3	Attained
305 HR	SC – HRM - 04	HR Operations	3	3	Attained
312 HRM	SE – IL - HRM - 07	Talent Management	3	3	Attained
314 HRM	SE – IL - HRM - 09	HR Perspectives in Mergers and Acquisition	3	3	Attained
315 HRM	SE – IL - HRM - 10	International HR	3	3	Attained
304 OSCM	SC – OSCM - 03	Services Operations Management - II	3	3	Attained
305 OSCM	SC – OSCM - 04	Logistics Management	3	3	Attained
312 OSCM	SE – IL - OSCM - 07	Manufacturing Resource Planning	3	3	Attained
313 OSCM	SE – IL - OSCM - 08	Sustainable Supply Chain	3	3	Attained
314 OSCM	SE – IL - OSCM - 10	Business Excellence	3	3	Attained
304 BA	SC – BA - 03	Advanced Statistical Methods using R	3	3	Attained
305 BA	SC – BA - 04	Machine Learning & Cognitive intelligence using Python	3	3	Attained
312 BA	SE – IL - BA – 06	Social Media, Web & Text Analytics	3	3	Attained
313 BA	SE – IL - BA – 07	Industrial Internet of Things	3	3	Attained
314 BA	SE – IL - BA – 08	Supply Chain Analytics	3	3	Attained
SEMESTER -IV					
401	GC – 14	Enterprise Performance Management	3	3	Attained
402	GC – 15	Indian Ethos & Business Ethics	3	3	Attained
406	GE - UL - 20	Technology Competition and Strategy	3	3	Attained
407	GE - UL - 21	Cyber Laws	3	3	Attained
403	MKT SC – MKT- 05	Marketing 4.0	3	3	Attained
404	MKT SC – MKT- 06	Marketing Strategy	3	3	Attained
413	MKT SE – IL - MKT- 17	Retailing Analytics	3	3	Attained
414	MKT SE – IL - MKT- 18	Marketing to Emerging Markets and Bottom Of the Pyramid	3	3	Attained
403 FIN	SC – FIN - 05	Financial Laws IV	3	3	Attained
404 FIN	SC – FIN - 06	Current Trends & Cases in Finance	3	3	Attained

410 FIN	SE – IL - FIN – 22	Business Valuation	3	3	Attained
412 FIN	SE – IL - FIN – 24	Strategic Cost Management	3	3	Attained
403 HR	SC – HRM - 05	Organizational Diagnosis & Development	3	3	Attained
404 HR	SC – HRM - 06	Current Trends & Cases in Human Resource Management	3	3	Attained
414HR	SE – IL - HRM - 20	Leadership and Succession Planning	3	3	Attained
415 HR	SE – IL - HRM - 21	E HRM	3	3	Attained
403 OSCM	SC – OSCM - 05	E Supply Chains & Logistics	3	3	Attained
404 OSCM	SC – OSCM - 06	Industry 4.0	3	3	Attained
409 OSCM	SE – IL - OSCM – 14	Enterprise Resource Planning	3	3	Attained
410 OSCM	SE – IL - OSCM – 15	World Class Manufacturing	3	3	Attained
403 BA	SC – BA - 05	Economics of Network Industries	3	3	Attained
404 BA	SC – BA - 06	Artificial Intelligence in Business Applications	3	3	Attained
411 BA	SE – IL - BA - 15	Watson	3	3	Attained
412 BA	SE – IL - BA – 16	Scala and Spark	3	3	Attained
Minor Specialisation					
	SC – RABM – 01	Agriculture and Indian Economy III	3	3	Attained
	2 SC – RABM – 02	ICT for Agriculture Management	3	3	Attained
	SE– RABM – 05	Agri – Entrepreneurship	3	3	Attained
	4 SE – RABM – 06	Rural Marketing II	3	3	Attained
	SC – PHCM- 01	Fundamentals of Pharma and Healthcare Management	3	3	Attained
	SC – PHCM- 02	Pharma and healthcare regulatory environment in India	3	3	Attained
	SE – PHCM- 05	Pharmaceutical Import and Export	3	3	Attained
	SE – PHCM- 06	Entrepreneurship in Pharma and Healthcare	3	3	Attained
	SC – THM – 01	Fundamentals of Hospitality Management	3	3	Attained
	SC – THM - 02	Tourism & Travel Management	3	3	Attained
	SE – THM - 05	Strategic Hospitality Management	3	3	Attained
	SE – THM - 06	Revenue Management	3	3	Attained

	SC – IB – 01	Import Export Documentation and Procedures	3	3	Attained
	SC – IB - 02	Global Trade and Logistics Management	3	3	Attained
	SE – IB- 05	Global Competitiveness, Value Chains and Alliances	3	3	Attained
	SE – IB- 06	International Banking and Foreign Exchange Management	3	3	Attained

Attainment Level Specifications			
1	2	3	Level
50% to 59%	60% to 69%	70% and above	Range
L	M	H	Level Sig.



Director
Dr. D. Y. Patil Centre For
Management and Research
 Gat. No. 1020/1080, F.P., Chikhali-411062.

Name of Institute:	Dr.D.Y.Patil Centre for Management and Research
Batch	2023-2024
Class & Term	MBA Semester-I
Name of the Course	Economics Analysis for Business Decisions
Name of Course Coordinator	Prof.Balaji Gadilohar (MG)
Course Code	103
CO Target	70%
CO Attainment Level	70% and above
	60% to 69%
	50% to 59%

Course Outcomes (CO)	Students will be able to	
C0103.1	DEFINE the key terms.	REMEMBERING
C0103.2	EXPLAIN the key concepts in economics, from a managerial perspective.	UNDERSTANDING
C0103.3	IDENTIFY the various issues in an economics context and HIGHLIGHT their significance from the perspective of business decision making.	APPLYING
C0103.4	EXAMINE the inter-relationships between various facets of micro-economics from the perspective of a consumer, firm, industry, market, competition and business cycles.	ANALYSING
C0103.5	EVALUATE critical thinking based on principles of micro-economics for informed business decision making.	EVALUATING
C0103.6	ELABORATE how other firms in an industry and consumers will respond to economic decisions made by a business, and how to incorporate these responses into their own decisions.	CREATING

Course Outcomes (CO)	Assessment Tools					
	Internal					External
	Poster Presentation	Assignments I	Assignments II	Caselet	Mid-Term Exam	University Exam
C0103.1	Yes	Yes		Yes	Yes	Yes
C0103.2	Yes		Yes	Yes	Yes	Yes
C0103.3		Yes			Yes	Yes
C0103.4				Yes	Yes	Yes
C0103.5					Yes	Yes
C0103.6	Yes			Yes	Yes	Yes





Director
 Dr. D. Y. Patil Centre For
 Management and Research
 Gat. No. 1020/1030, 117, Chikhali-411062.

COURSE ARTICULATION MATRIX for CO - PO MAPPING

Course Code: **103**

Economics Analysis for Business Decisions

Course Teacher:

Prof. Balaji Gadilohar

												CO-PSO MAPPING			
CO#	COGNITIVE ABILITIES	PO-01	PO-02	PO-03	PO-04	PO-05	PO-06	PO-07	PO-08	PO-09	PO-10	TOTAL (PO)	PSO 1	PSO2	TOTAL (PSO)
CO103.1	Remembering	3	2	2	2	2	2	1	1	2	2	19	0	0	0
CO103.2	Understanding	3	2	2	1	1	2	3	1	2	2	19	0	0	0
CO103.3	Applying	3	2	3	2	1	1	1	2	3	2	20	0	0	0
CO103.4	Analysing	3	3	3	1	2	2	2	3	1	2	22	0	0	0
CO103.5	Evaluating	3	2	1	2	1	2	2	2	2	2	19	0	0	0
CO103.6	Creating	3	2	1	1	1	1	1	2	1	1	14	0	0	0
	Contribution to PO	3.00	2.17	2.00	1.50	1.33	1.67	1.67	1.83	1.83	1.83	19			

Note: "0" - No Correlation, "1" - Low Correlation, "2" - Moderate Correlation, "3" - High Correlation

Weighted Average :

1.8833333

CO Attained Level

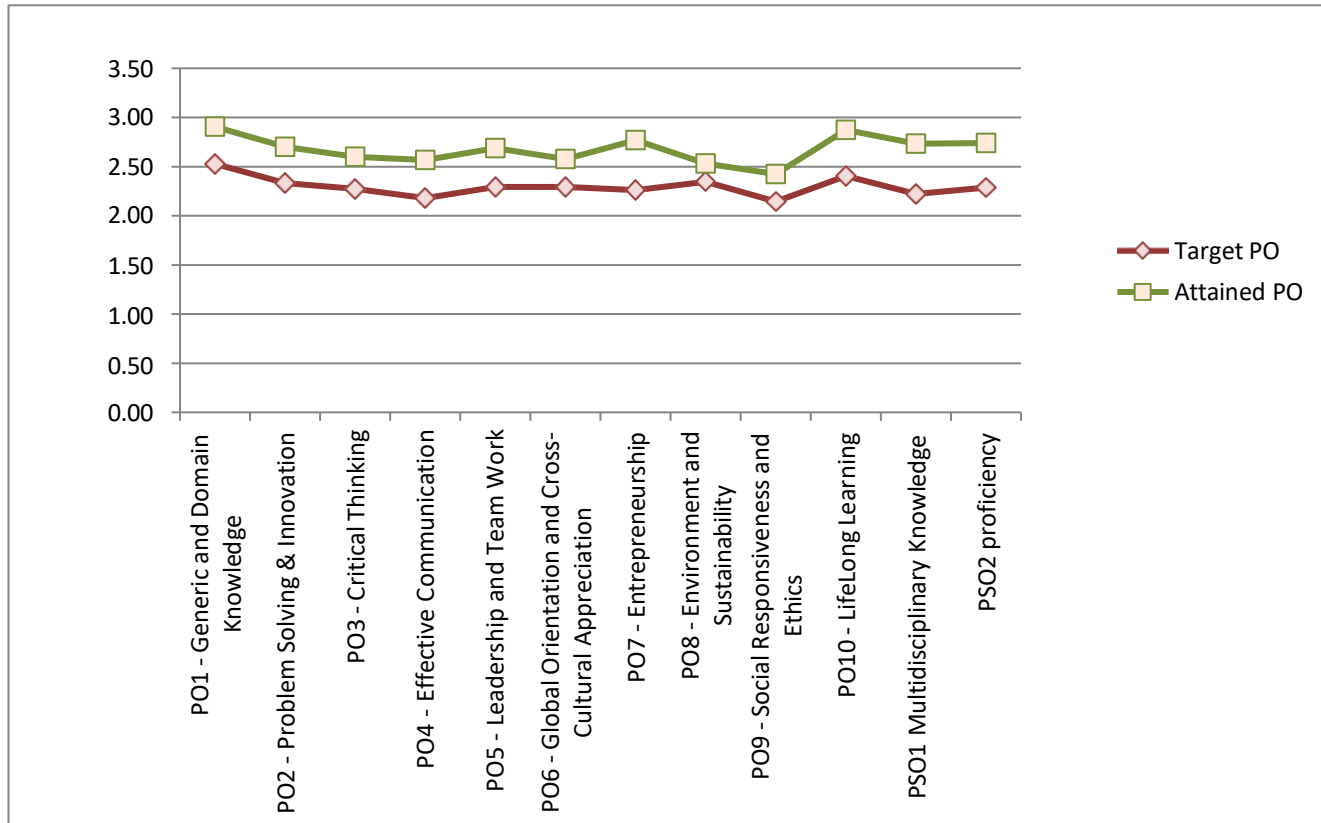
3

Target Pos	3.00	2.17	2.00	1.50	1.33	1.67	1.67	1.83	1.83	1.83
Actual Attainment	3.00	3.00	3.00	2.39	2.12	2.65	2.65	2.92	2.92	2.92
Remedial Measures	No	No	No	No	No	No	No	No	No	No




Director
 Dr. D. Y. Patil Centre For
 Management and Research
 Gat. No. 192/1030, T.P., Chikhali-411062.

Target V/S Attainment (Batch 2023-24)



Dr. D.Y.Patil Centre For Management and Research, Chikhali, Pune.

Target Weightage Level CO PO Mapping Matrix MCA

		PO1: Apply knowledge of computing fundamentals	PO2: Identify, formulate, research literature	PO3: Design and evaluate solutions for complex computing problems	PO4: Use research-based knowledge	PO5: Create, select, adapt and apply	PO6: Understand and commit to professional ethics	PO7: Recognize the need, and have the ability, to engage	PO8: Demonstrate knowledge and understanding of computing	PO9: Communicate effectively with the computing community	PO10: Understand and assess societal	PO11: Function effectively	PO12: Identify a timely opportunity	TOTAL (PO)	PSO1 Multidisciplinary Knowledge	PSO2 proficiency	TOTAL (PSO)
Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	TOTAL (PO)	PSO1	PSO2	TOTAL (PSO)
		Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level
IT11	Java Programming	3.00	2.40	2.40	2.20	2.20	2.40	2.20	2.40	2.60	2.20	2.20	1.80	28.0			
IT12	Data Structure and Algorithms	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.00	3.00	2.00	2.60	2.00	28.0			
IT13	Object Oriented Software Engineering	2.40	2.60	2.40	1.80	2.00	2.20	2.20	2.00	2.60	1.80	2.60	1.80	26.4			
IT14	Operating System Concepts	2.80	2.40	2.00	2.40	2.00	2.00	2.20	2.00	2.20	2.00	2.20	2.00	26.2			
IT15	Network Technologies	2.80	2.40	2.20	2.00	2.00	2.00	2.00	2.40	2.20	2.00	2.20	2.00	26.2			
OC11	Open Course 1	2.40	2.60	2.40	1.80	2.00	2.20	2.20	2.00	2.60	1.80	2.60	1.80	26.4	2.2	3	5.200

OC12	Open Course 2	2.40	2.60	2.20	1.80	2.20	2.20	2.20	2.00	2.20	2.00	2.60	1.80	26.2	3	2.5	5.500
IT11L	Practical	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.00	3.00	2.00	2.60	2.00	28.0			
ITC11	Mini Project	2.80	2.40	2.00	2.40	2.00	2.00	2.20	2.00	2.20	2.00	2.20	2.00	26.2			
SS11	Soft Skills - I	2.40	2.60	2.40	1.80	2.00	2.20	2.20	2.00	2.60	1.80	2.60	1.80	26.4	2.2	3	5.200
IT21	Python Programming	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.00	3.00	2.00	2.60	2.00	28.0			
IT22	Software Project Management	2.40	2.60	2.40	1.80	2.00	2.20	2.20	2.00	2.60	1.80	2.60	1.80	26.4			
MT21	Optimization Techniques	2.80	2.40	2.00	2.40	2.00	2.00	2.20	2.00	2.20	2.00	2.20	2.00	26.2			
IT23	Advanced Internet Technologies	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.00	3.00	2.00	2.60	2.00	28.0			
IT24	Advanced DBMS	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.00	3.00	2.00	2.60	2.00	28.0			
OC21	Open Course 3	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.00	2.00	2.00	2.60	2.00	27.0	2	2.2	4.200
OC22	Open Course 4	2.40	2.60	2.20	1.80	2.20	2.20	2.20	2.00	2.20	2.00	2.60	1.80	26.2	2.05	2	4.050
IT21L	Practical	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.00	3.00	2.00	2.60	2.00	28.0			
ITC21	Mini Project	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.20	3.00	2.00	2.60	2.00	28.2			
SS21	Soft Skills - II	2.40	2.60	2.40	1.80	2.00	2.20	2.20	2.00	2.60	1.80	2.60	1.80	26.4	2.2	3	5.200
IT31	Mobile Application Development	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.00	3.00	2.00	2.60	2.00	28.0			
IT32	Data Warehousing and Data Mining	2.40	2.60	2.40	1.80	2.00	2.20	2.20	2.00	2.60	1.80	2.60	1.80	26.4			

IT33	Software Testing and Quality Assurance	2.80	2.40	2.00	2.40	2.00	2.00	2.20	2.00	2.20	2.00	2.20	2.00	26.2			
IT34	Knowledge Representation & Artificial Intelligence - ML, DL	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.00	3.00	2.00	2.60	2.00	28.0			
IT35	Cloud Computing	2.80	2.40	2.00	2.40	2.00	2.00	2.20	2.00	2.20	2.00	2.20	2.00	26.2			
OC31	Open Course 5	2.40	2.60	2.40	1.80	2.00	2.20	2.20	2.00	2.60	1.80	2.60	1.80	26.4	2.2	3	5.200
OC32	Open Course 6	2.40	2.60	2.20	1.80	2.20	2.20	2.20	2.00	2.20	2.00	2.60	1.80	26.2	3	2.5	5.500
IT31L	Practical	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.00	3.00	2.00	2.60	2.00	28.0			
ITC31	Mini Project	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.20	3.00	2.00	2.60	2.00	28.2			
SS31	Soft Skills- III	2.40	2.60	2.40	1.80	2.00	2.20	2.20	2.00	2.60	1.80	2.60	1.80	26.4	2.00	2.05	4.050
IT41	DevOps	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.00	2.00	2.00	2.60	2.00	27.0			
BM41	PPM and OB	2.40	2.60	2.40	2.00	2.00	2.20	2.20	2.00	2.60	1.80	2.60	1.80	26.6			
ITC41	Project	3.00	2.20	2.20	2.40	2.20	2.40	2.00	2.00	3.00	2.00	2.60	2.00	28.0			
		2.75	2.39	2.23	2.17	2.11	2.25	2.11	2.04	2.60	1.95	2.52	1.92	27.03	2.32	2.58	4.90



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Director
Dr. D. Y. Patil Centre For
Management and Research
 Gat. No. 1020/1030, N.P., Chikhali-411062.

Dr. D.Y.Patil Centre For Management and Research, Chikhali, Pune.

Attainment for Program (2022-2024)MCA

		PO1: Apply knowledge of computing fundamentals	PO2: Identify, formulate, research literature	PO3: Design and evaluate solutions for complex computing problems	PO4: Use research-based knowledge	PO5: Create, select, adapt and apply	PO6: Understand and commit to professional ethics	PO7: Recognize the need, and have the ability, to engage	PO8: Demonstrate knowledge and understanding of computing	PO9: Communicate effectively with the computing community	PO10: Understand and assess societal	PO11: Function effectively	PO12: Identify a timely opportunity	TOTAL (PO)	PSO1 Multidisciplinary Knowledge	PSO2 proficiency	TOTAL (PSO)
Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	TOTAL (PO)	PSO1	PSO2	TOTAL (PSO)
		Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level
IT11	Java Programming	3.00	3.00	3.00	2.83	2.83	3.00	2.83	3.00	3.00	2.83	2.83	2.31	34.5			
IT12	Data Structure and Algorithms	3.00	2.83	2.83	3.00	2.83	3.00	2.57	2.57	3.00	2.57	3.00	2.57	33.8			
IT13	Object Oriented Software Engineering	3.00	3.00	3.00	2.45	2.73	3.00	3.00	2.73	3.00	2.45	3.00	2.45	33.8			
IT14	Operating System Concepts	3.00	3.00	2.75	3.00	2.75	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.5			
IT15	Network Technologies	3.00	3.00	3.00	2.75	2.75	2.70	2.75	3.00	3.00	2.75	3.00	2.75	34.4			
OC11	Open Course 1	3.00	3.00	3.00	2.83	2.83	3.00	2.83	3.00	3.00	2.83	2.83	2.31	34.5	2.75	2.83	5.580

OC12	Open Course 2	3.00	3.00	2.75	3.00	2.75	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.5	2.7	2.5	5.200
IT11L	Practical	3.00	3.00	3.00	2.83	2.83	3.00	2.83	3.00	3.00	2.83	2.83	2.31	34.5			
ITC11	Mini Project	3.00	3.00	2.75	3.00	2.80	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.5			
SS11	Soft Skills - I	3.00	3.00	3.00	2.83	2.83	3.00	2.83	3.00	3.00	2.83	2.83	2.31	34.5	2.5	3	5.500
IT21	Python Programming	2.57	2.06	2.06	1.89	1.89	2.06	1.89	2.06	2.23	1.89	1.89	1.54	24.0			
IT22	Software Project Management	3.00	3.00	2.75	3.00	2.75	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.5			
MT21	Optimization Techniques	2.57	2.06	2.06	1.89	1.89	2.06	1.89	2.06	2.23	1.89	1.89	1.54	24.0			
IT23	Advanced Internet Technologies	3.00	3.00	2.75	3.00	2.75	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.5			
IT24	Advanced DBMS	3.00	3.00	3.00	2.83	2.83	3.00	2.83	3.00	3.00	2.83	2.83	2.31	34.5			
OC21	Open Course 3	3.00	3.00	3.00	2.45	2.73	3.00	3.00	2.73	3.00	2.45	3.00	2.45	33.8	2.83	2.75	5.580
OC22	Open Course 4	3.00	3.00	2.75	3.00	2.75	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.5	3	2.5	5.500
IT21L	Practical	3.00	3.00	3.00	2.45	2.73	3.00	3.00	2.73	3.00	2.45	3.00	2.45	33.8			
ITC21	Mini Project	3.00	3.00	2.50	3.00	2.70	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.2			
SS21	Soft Skills - II	3.00	3.00	2.75	3.00	2.75	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.5	3	2.55	5.550
IT31	Mobile Application Development	2.57	2.06	2.06	1.89	1.89	2.06	1.89	2.06	2.23	1.89	1.89	1.54	24.0			
IT32	Data Warehousing and Data Mining	3.00	3.00	2.75	3.00	2.75	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.5			

IT33	Software Testing and Quality Assurance	2.57	2.06	2.06	1.89	1.89	2.06	1.89	2.06	2.23	1.89	1.89	1.54	24.0			
IT34	Knowledge Representation & Artificial Intelligence - ML, DL	3.00	3.00	2.75	3.00	2.50	2.75	3.00	2.80	3.00	2.75	3.00	2.70	34.2			
IT35	Cloud Computing	3.00	3.00	2.75	3.00	2.75	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.5			
OC31	Open Course 5	3.00	3.00	3.00	2.45	2.73	3.00	3.00	2.73	3.00	2.45	3.00	2.45	33.8	3	2.75	5.750
OC32	Open Course 6	3.00	3.00	2.75	3.00	2.75	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.5	2.5	2	4.500
IT31L	Practical	3.00	2.05	2.70	3.00	2.50	2.75	2.70	2.80	3.00	2.75	3.00	2.70	32.9			
ITC31	Mini Project	3.00	3.00	2.50	3.00	2.70	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.2			
SS31	Soft Skills- III	3.00	3.00	2.75	3.00	2.50	2.75	3.00	2.80	3.00	2.75	3.00	2.70	34.2	3.00	2.70	5.700
IT41	DevOps	3.00	3.00	3.00	2.45	2.73	3.00	3.00	2.73	3.00	2.45	3.00	2.45	33.8			
BM41	PPM and OB	3.00	3.00	2.75	3.00	2.75	2.75	3.00	2.75	3.00	2.75	3.00	2.75	34.5			
ITC41	Project	3.00	3.00	2.75	3.00	2.50	2.75	3.00	2.80	3.00	2.75	3.00	2.70	34.2			
		2.95	2.85	2.73	2.75	2.62	2.75	2.81	2.71	2.91	2.61	2.84	2.48	33.00	2.81	2.62	5.43



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Director
Dr. D. Y. Patil Centre For
Management and Research
 Gat. No. 1020/1030, N.P., Chikhali-411062.

Attainment Level	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
Attainment PO's Direct Method	2.95	2.85	2.73	2.75	2.62	2.75	2.81	2.71	2.91	2.61	2.84	2.48	2.81	2.62
80% of Direct Method	2.36	2.28	2.19	2.20	2.10	2.20	2.25	2.17	2.33	2.08	2.27	1.98	2.25	2.10
Attainment PO by Indirect Method	2.64	1.98	1.75	1.95	2.04	1.54	2.64	1.41	1.31	2.72	1.98	1.75	2.65	2.54
20% of Indirect Method	0.53	0.4	0.35	0.39	0.41	0.31	0.53	0.28	0.26	0.54	0.4	0.35	0.53	0.51
Total Attainment of PO	2.89	2.68	2.54	2.59	2.51	2.51	2.78	2.45	2.59	2.62	2.67	2.33	2.78	2.61

Target PO	2.75	2.39	2.23	2.17	2.11	2.25	2.11	2.04	2.60	1.95	2.52	1.92	2.32	2.58	2.28
Attained PO	2.95	2.85	2.73	2.75	2.62	2.75	2.81	2.71	2.91	2.61	2.84	2.48	2.81	2.62	2.75

Summary

The Set Target Level of PO is 2.28 and the attainment level of PO using direct and Indirect method is 2.75

Hence all 12 PO's and 2 PSO's attain the set target level

For the courses which do not attain the set target level, respective faculties are informed to draft plan of improvement for the respective course.

**Dr.D.Y. Patil Centre for Management and Research,
Chikhali, Pune.**

CO Attainment Level, Academic Year (2023-2024) MCA

Course Code	Course Name	Target Attainment Level	CO Attainment Level	Attainment
SEM I				
IT11	Java Programming	3	3	Attained
IT12	Data Structure and Algorithms	3	3	Attained
IT13	Object Oriented Software Engineering	3	3	Attained
IT14	Operating System Concepts	3	3	Attained
IT15	Network Technologies	3	3	Attained
OC11	Open Course 1	3	3	Attained
OC12	Open Course 2	3	3	Attained
IT11L	Practical	3	3	Attained
ITC11	Mini Project	3	3	Attained
SS11	Soft Skills - I	3	3	Attained
SEM II				
IT21	Python Programming	3	3	Attained
IT22	Software Project Management	3	3	Attained
MT21	Optimization Techniques	3	3	Attained
IT23	Advanced Internet Technologies	3	3	Attained
IT24	Advanced DBMS	3	3	Attained
OC21	Open Course 3	3	3	Attained
OC22	Open Course 4	3	3	Attained
IT21L	Practical	3	3	Attained
ITC21	Mini Project	3	3	Attained
SS21	Soft Skills - II	3	3	Attained
SEM III				

IT31	Mobile Application Development	3	2	Not Attained
IT32	Data Warehousing and Data Mining	3	3	Attained
IT33	Software Testing and Quality Assurance	3	3	Attained
IT34	Knowledge Representation & Artificial Intelligence - ML, DL	3	2	Not Attained
IT35	Cloud Computing	3	3	Attained
OC31	Open Course 5	3	3	Attained
OC32	Open Course 6	3	3	Attained
IT31L	Practical	3	3	Attained
ITC31	Mini Project	3	3	Attained
SS31	Soft Skills- III	3	3	Attained
SEM IV				
IT41	DevOps	3	3	Attained
BM41	PPM and OB	3	3	Attained
ITC41	Project	3	3	Attained

Attainment Level Specifications			
1	2	3	Level
49% to 40%	59% to 50%	60% and above	Range
L	M	H	Level Sig.



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Director
Dr. D. Y. Patil Centre For
Management and Research
 Gat. No. 1920/1980, RTI, Chikhali-411062.

Name of Institute:	Dr.D.Y.Patil Centre for Management and Research
Batch	2023-2024
Class & Term	MBA Semester-I
Name of the Course	Operating System Concept
Name of Course Coordinator	Prof. Prajali Patil
Course Code	IT14
CO Target	60%
CO Attainment Level	60% and above
	50% to 59%
	40% to 49%


Course Outcomes (CO)	Students will be able to
C01	Understand structure of OS, process management and synchronization.
C02	Understand multicore and multiprocessing OS.
C03	explain Realtime and embedded OS
C04	understand Windows and Linux OS fundamentals and administration.
C05	solve shell scripting problems





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Course Outcomes (CO)	Assessment Tools				
	Internal				External
	Class Test	Assignments I	Assignments II	Mid-Term Exam	University Exam
C01	Yes	Yes		Yes	Yes
C02	Yes		Yes	Yes	Yes
C03		Yes		Yes	Yes
C04				Yes	Yes
C05				Yes	Yes





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COURSE ARTICULATION MATRIX for CO - PO MAPPING

Course Code: **IT14** **Operating System Concept**

Course Teacher: - Prof.Prajali Patil

														CO-PSO MAPPING			
CO#	COGNITIVE ABILITIES	PO-01	PO-02	PO-03	PO-04	PO-05	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	TOTAL (PO)	PSO 1	PSO2	TOTAL (PSO)
C01	Understand structure of OS, process management and synchronization.	3	2	3	2	3	2	3	3	3	2	2	2	19	0	0	0
C02	Understand multicore and multiprocessing OS.	3	2	3	2	2	3	2	3	2	3	3	2	19	0	0	0
C03	explain Realtime and embedded OS	3	2	2	3	2	3	2	2	3	2	2	2	20	0	0	0
C04	understand Windows and Linux OS fundamentals and administration.	3	3	2	2	2	2	2	2	3	2	3	2	22	0	0	0
C05	solve shell scripting problems	3	3	2	2	2	2	2	2	2	2	1	1	19	0	0	0
	Contribution to PO	3.00	2.40	2.40	2.20	2.20	2.40	2.20	2.40	2.60	2.20	2.20	1.80	19			

Note: "0" - No Correlation, "1" - Low Correlation, "2" - Moderate Correlation, "3" - High Correlation

Weighted Average :

2.3333333

CO Attained
Level

3

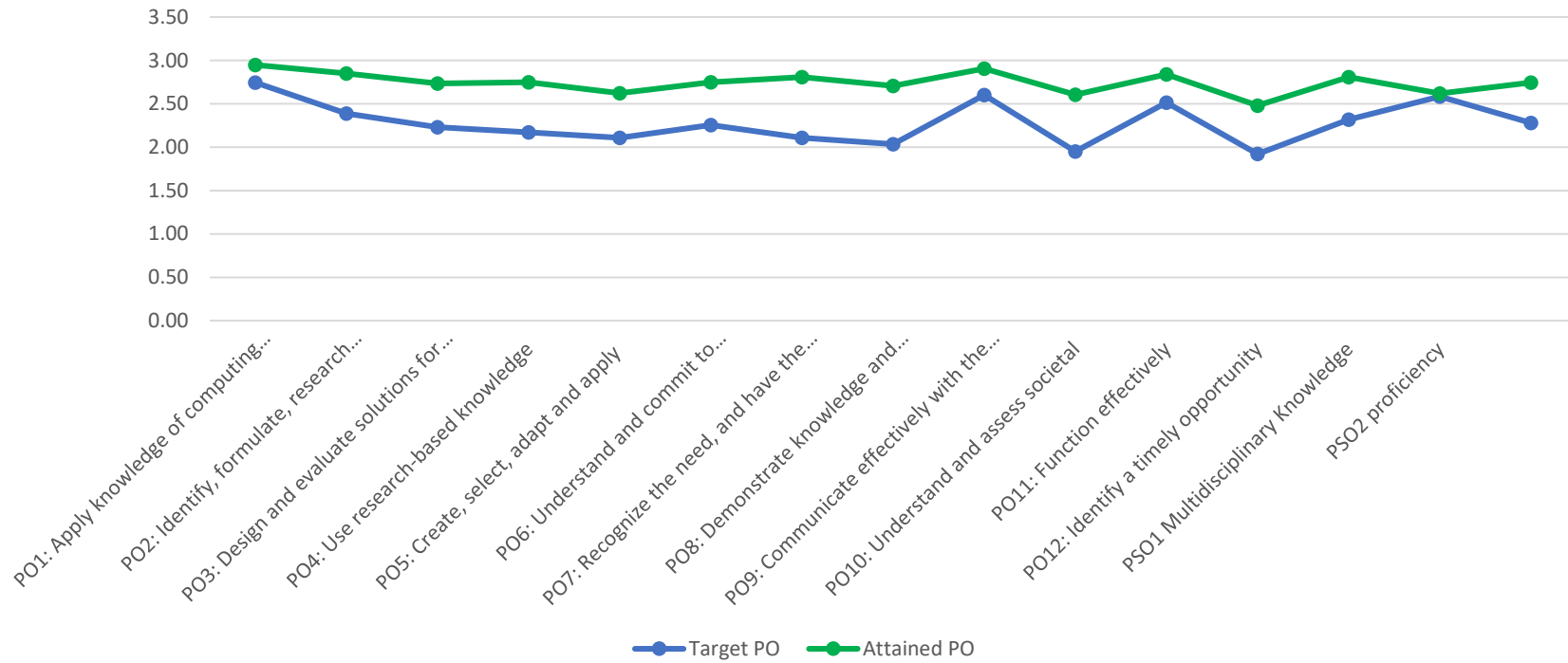
Target Pos	3.00	2.40	2.40	2.20	2.20	2.40	2.20	2.40	2.60	2.20	2.20	1.80
Actual Attainment	3.00	3.00	3.00	2.83	2.83	3.00	2.83	3.00	3.00	2.83	2.83	2.31
Remedial Measures	No	No	No	No	No	No	No	No	No	No	No	No



Director

Dr. D. Y. Patil Centre For
Management and Research
Gat. No. 1020/1030, 107, Chikhali-411062.

Target V/S Attainment MCA



Director
 Dr. D. Y. Patil Centre For
 Management and Research
 Gat. No. 192/7080, RTI, Chikhali-411062.