

Academic Year	2021-22
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**B.P.H.E. Society's
Ahmednagar College, Ahmednagar
Internal Quality Assurance Cell
CO, PO, and PSO Attainment Sheet**

Department Name	Economics
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Program Name	M.A.
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Program Outcomes(PO)

PO1	Ability to apply the concepts of micro economics such as demand, supply,
PO2	Ability to analyze and demonstrate knowledge of the basic theories/laws in
PO3	Ability to recognize, apply and analyze concepts and theories in public
PO4	Ability to appraise and assess the theory of public economics in real life
PO5	Ability to understand, apply and analyze concepts-public debt, budget, fiscal
PO6	Ability to understand the concepts of international economics such as
PO7	Ability to interpret and apply theory relating to understand international trade
PO8	Ability to discuss and debate on subjects related to international trade and
PO9	Ability to analyze and evaluate the subject with reference to various aspects
PO10	Ability to develop an understanding of the labour
PO11	At the end of the course, the student should be able to evaluate
PO12	

Program Specific Outcome(PSO)

PSO1	To recognize, apply and analyze concepts and theories in Economics.
PSO2	To provide knowledge to students regarding recent developments and changes in Indian Economy.
PSO3	To analyze and evaluate the subject with reference to various aspects

Academic Year :	2021-22
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Class		M.A Part -I	Course Outcomes	Program Outcomes											PSOs		
Subject Code	12301			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Micro Economic Analysis -I	CO1	2	2	2	1	2	1	2	2	2	2	2	2	2	2	2
Semester No	I	CO2	2	2	2	2	1	2	2	1	2	2	1	1	1	1	1
Teacher Name	Pro. R.V. More	CO3	2	1	2	1	1	1	1	1	0	1	1	2	2	1	1
Course Outcomes		CO4	1	0	1	2	2	2	1	1	2	1	1	2	2	2	2
	CO1	To provide a thorough understanding of the principles of economics	CO5														
	CO2	To enable students to apply micro economic concepts in various contexts.	Average	1.75	1.25	1.75	1.50	1.50	1.50	1.50	1.25	1.50	1.50	1.25	1.75	1.75	1.50
	CO3	To enable understanding the basic theories in microeconomics															
	CO4	To discuss the modern developments in micro economics															
	CO5																

Class		M.A Part -I	Course Outcomes	Program Outcomes											PSOs		
Subject Code	22301			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Micro Economic Analysis -II	CO1	2	2	1	2	1	2	1	2	2	2	2	2	1	2	2
Semester No	II	CO2	1	1	1	2	0	2	2	1	1	2	1	2	2	1	1
Teacher Name	Pro. R.V. More	CO3	1	2	0	2	2	1	1	1	1	1	1	2	2	2	2
Course Outcomes		CO4	2	2	2	1	2	0	2	2	2	0	2	1	1	2	2
	CO1	To provide a thorough understanding of the principles of economics	CO5														
	CO2	To enable students to apply micro economic concepts in various contexts.	Average	1.50	1.75	1.00	1.75	1.25	1.25	1.50	1.50	1.50	1.25	1.50	1.75	1.50	1.75
	CO3	To enable understanding the basic theories in microeconomics															

	CO4	To discuss the modern developments in micro economics
	CO5	

Class		M.A Part -I	Course Outcomes	Program Outcomes											PSOs		
Subject Code	12302			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Public Economics - I		CO1	2	1	2	2	1	2	1	2	1	1	2	1	2	2
Semester No	I		CO2	1	1	2	1	2	2	1	1	2	2	1	2	1	1
Teacher Name	Dr. B.S. Parkal		CO3	2	2	2	1	1	1	2	2	1	1	2	1	2	2
Course Outcomes			CO4	2	1	2	2	1	1	1	1	2	2	1	2	2	1
	CO1	To develop an understanding of the changing role of the government	CO5														
	CO2	To discuss and deliberate on the concepts and theories in public economics	Average	1.75	1.25	2.00	1.50	1.25	1.50	1.25	1.50	1.50	1.50	1.50	1.50	1.75	1.50
	CO3	To develop an understanding of various policies in public economics															
	CO4	To study the public policy, principles of taxation, theories of public expenditure, etc.															
	CO5																

Class		M.A Part -I	Course Outcomes	Program Outcomes											PSOs		
Subject Code	22302			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Public Economics - II		CO1	1	1	2	1	1	2	2	2	1	1	2	1	2	
Semester No	II		CO2	2	2	1	2	2	2	1	0	1	2	2	2	1	
Teacher Name	Dr. B.S. Parkal		CO3	2	1	1	1	1	2	2	2	1	2	2	1	1	
Course Outcomes			CO4	1	1	2	2	2	0	2	2	1	2	1	1	2	
	CO1	To develop an understanding of the changing role of the government	CO5														
	CO2	To discuss and deliberate on the concepts and theories in public economics	Average	1.50	1.25	1.50	1.50	1.50	1.50	1.75	1.50	1.50	1.75	1.75	1.25	1.50	
	CO3	To develop an understanding of various policies in public economics															
	CO4	To study the public policy, principles of taxation, theories of public expenditure, etc.															

CO5	
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Class		M.A Part -I	Course Outcomes	Program Outcomes											PSOs		
Subject Code	12303			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	International Trade		CO1	1	2	2	2	1	2	1	1	2	1	2	1	1	2
Semester No	I		CO2	2	2	2	1	1	1	2	2	1	2	1	2	2	1
Teacher Name	Dr. M.H.Shinde		CO3	2	1	1	2	2	2	1	1	2	1	1	1	1	2
Course Outcomes			CO4	2	1	2	1	2	1	2	2	2	1	2	2	2	2
	CO1	To develop an understanding of the theoretical concept in international trade	CO5	1	2	1	2	1	1	2	1	1	1	1	1	1	1
	CO2	To analyze international economics with reference to terms of trade, trade policy,	Average	1.60	1.60	1.60	1.60	1.40	1.40	1.60	1.40	1.60	1.20	1.40	1.40	1.40	1.60
	CO3	To make the students understand role of international economic organization and global crisis development															
	CO4	To provide knowledge to students regarding recent developments and changes in															
	CO5	international banking, international banking agreements etc															

Class		M.A Part -I	Course Outcomes	Program Outcomes											PSOs		
Subject Code	22303			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	International Finance		CO1	1	1	2	1	1	1	2	1	2	1	1	1	1	1
Semester No	II		CO2	2	2	1	2	2	1	1	2	1	2	2	2	1	2
Teacher Name	Dr. M.H.Shinde		CO3	2	1	1	1	2	2	2	2	1	2	1	2	2	2
Course Outcomes			CO4	1	1	1	2	2	2	2	1	2	1	2	2	2	
	CO1	To develop an understanding of the theoretical concept in international trade	CO5	2	2	2	1	1	2	1	1	1	1	1	1	2	2
	CO2	To analyze international economics with reference to terms of trade, trade policy,	Average	1.60	1.40	1.40	1.40	1.60	1.60	1.60	1.40	1.40	1.40	1.40	1.40	1.60	1.75

	CO3	To make the students understand role of international economic organization and global crisis development
	CO4	To provide knowledge to students regarding recent developments and changes in
	CO5	international banking, international banking agreements etc

Class		M.A Part -I	Course Outcomes	Program Outcomes											PSOs		
Subject Code	12304	Subject Name	Agricultural Economics	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Semester No	I	CO1		2	1	1	2	2	2	2	2	2	2	2	2	2	1
Teacher Name	Prof. Dr.P.P.Kadam	CO2		2	2	2	2	1	2	1	2	1	2	1	2	2	2
Course Outcomes		CO3		1	2	1	2	2	1	1	1	1	1	1	1	1	2
	CO1	To develop an understanding of agricultural economics	CO4	2	1	2	1	1	1	2	2	2	1	2	1	2	2
	CO2	To discuss and debate the various issues and challenges faced by agrarian economies	CO5	1	1	1	2	2	2	1	1	1	2	1	2	2	1
	CO3	Ability to develop an understanding of agriculture with its intricacies and imperfections	Average	1.60	1.40	1.40	1.80	1.60	1.60	1.40	1.60	1.40	1.60	1.40	1.60	1.80	1.60
	CO4	Ability to analyze and evaluate the subject with reference to various aspects of agrarian economies															
	CO5																

Class		M.A Part -I	Course Outcomes	Program Outcomes											PSOs		
Subject Code	22304	Subject Name	Labour Economics	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Semester No	II	CO1		2	1	2	2	2	1	2	2	1	1	2	2	2	2
Teacher Name	Prof. Dr.P.P.Kadam	CO2		1	2	2	2	1	2	2	1	2	2	1	2	2	1
Course Outcomes		CO3		2	1	1	1	1	2	1	2	1	1	2	1	1	2
	CO1	To develop an understanding of labour economics	CO4	1	1	2	0	1	2	1	1	2	2	1	2	2	2
	CO2		CO5	1	1	2	2	2	1	2	1	2	1	1	1	1	1

	CO2	To discuss and debate the various issues and challenges faced by labour with reference to division of labour, employment, wage determination	Average	1.40	1.20	1.80	1.40	1.40	1.60	1.60	1.40	1.60	1.40	1.40	1.60	1.60	1.60
	CO3	To demonstrate on the various aspects of labour dynamics and labour relations															
	CO4	Ability to analyze and evaluate the subject with reference to various aspects															
	CO5	of Labour economics															

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Class		M.A. - Part-II	Course Outcomes	Program Outcomes											PSOs		
Subject Code	32301			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Macro Economic Analysis-I		CO1	2	2	1	1	2	1	1	2	1	2	2	2	1	
Semester No	III		CO2	2	1	2	2	2	2	2	1	2	2	1	1	2	
Teacher Name	Prof. R.V.More		CO3	1	2	1	2	1	1	1	2	2	1	2	1	2	
Course Outcomes			CO4	1	1	2	2	2	2	1	1	2	0	2	2	1	
	CO1	To provide a thorough understanding of the principles of macroeconomics	CO5	2	1	2	1	1	2	2	2	1	2	2	2	1	
	CO2	application of macroeconomic concepts in real-life situations.	Average	1.60	1.40	1.60	1.60	1.60	1.60	1.40	1.60	1.60	1.40	1.80	1.60	1.60	
	CO3	To discuss the modern developments in macroeconomics															
	CO4	Ability to analyze and demonstrate knowledge of the basic theories/laws in macroeconomics.															
	CO5	able to evaluate macroeconomic concepts, models and its use															

Class		M.A. - Part-II	Course Outcomes	Program Outcomes											PSOs		
Subject Code	42301			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Macro Economic Analysis-I		CO1	2	1	1	2	2	1	2	1	1	1	2	2	2	
Semester No	IV		CO2	1	2	2	1	2	2	2	2	2	2	2	2	2	
Teacher Name	Prof. R.V.More		CO3	2	1	1	2	2	1	1	1	1	1	1	1	1	

Course Outcomes			CO4	1	2	1	1	1	1	2	1	2	2	1	2	1	2
	CO1	To provide a thorough understanding of the principles of macroeconomics	CO5	2	1	2	1	1	1	2	2	2	1	2	2	2	2
	CO2	application of macroeconomic concepts in real-life situations.	Average	1.60	1.40	1.40	1.40	1.60	1.20	1.80	1.40	1.60	1.40	1.60	1.80	1.60	1.60
	CO3	To discuss the modern developments in macroeconomics															
	CO4	Ability to analyze and demonstrate knowledge of the basic theories/laws in macroeconomics.															
	CO5	able to evaluate macroeconomic concepts, models and its use															

Class	M.A.- Part-II	Course Outcomes	Program Outcomes											PSOs			
Subject Code	32302		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3	
Subject Name	Growth and Development-I	CO1	1	1	2	2	1	3	2	2	1	2	2	2	2	2	
Semester No	III	CO2	2	2	2	2	2	2	1	1	2	2	1	2	2	1	
Teacher Name	Dr. M.H.Shinde	CO3	1	2	1	1	2	1	2	2	1	0	2	0	1	1	
Course Outcomes		CO4	2	2	1	1	2	1	1	2	1	2	2	2	1	1	
	CO1	To enable learning and understanding of the basic concepts and process	CO5	2	1	2	2	1	2	1	1	1	2	1	2	2	2
	CO2	to measure the growth and economic development	Average	1.60	1.60	1.60	1.60	1.60	1.80	1.40	1.60	1.20	1.60	1.60	1.60	1.60	1.40
	CO3	To analyze and evaluate the obstacles in the process of economic growth and development															
	CO4	Ability to apply the concepts of economic growth and compare international comparison of economic development, etc.															

	CO5	Ability to analyze and demonstrate knowledge of the economic growth and development
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Class		M.A.- Part-II	Course Outcomes	Program Outcomes											PSOs		
Subject Code	42302			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Growth and Development-I		CO1	2	1	2	2	1	2	2	2	1	2	2	2	2	2
Semester No	IIV		CO2	1	2	1	1	2	2	1	1	2	2	1	2	1	1
Teacher Name	Dr. M.H.Shinde		CO3	1	1	1	2	2	1	2	2	1	0	2	1	2	2
Course Outcomes			CO4	2	2	0	1	2	1	1	2	1	2	2	1	1	2
	CO1	To enable learning and understanding of the basic concepts and process	CO5	2	1	2	2	1	2	1	1	1	2	1	2	1	1
	CO2	to measure the growth and economic development	Average	1.60	1.40	1.20	1.60	1.60	1.60	1.40	1.60	1.20	1.60	1.60	1.60	1.40	1.60
	CO3	To analyze and evaluate the obstacles in the process of economic growth and development															
	CO4	Ability to apply the concepts of economic growth and compare international comparison of economic development, etc.															
	CO5	Ability to analyze and demonstrate knowledge of the economic growth and development															

Class		M.A.- Part-II	Course Outcomes	Program Outcomes											PSOs		
Subject Code	32303			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Research Methodology-I		CO1	2	1	1	1	2	1	1	2	2	2	1	2	2	2
Semester No	III		CO2	1	2	2	2	1	2	2	2	1	0	2	1	0	1
Teacher Name	Prof. Dr. P.P.Kadam		CO3	2	2	2	1	1	2	2	2	2	2	1	2	2	1

Course Outcomes			CO4	2	1	1	1	1	2	2	0	2	2	2	2	2	2
	CO1	To enable an understanding of Research and its methods under various areas of economics.	CO5	1	1	1	2	2	1	2	2	1	2	1	2	1	2
	CO2	Ability to evaluate and examine subject areas	Average	1.60	1.40	1.40	1.40	1.40	1.60	1.80	1.60	1.60	1.60	1.40	1.80	1.40	1.60
	CO3	To demonstrate the practical and the applied aspects of research in relation to Economics.															
	CO4	Ability to develop, demonstrate and examine topics under Economics to pursue research.															
	CO5	Ability to evaluate and examine subject areas in economics and explore possibilities of research.															

Class		M.A.- Part-II	Course Outcomes	Program Outcomes											PSOs		
Subject Code	42303			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Research Project		CO1	2	1	2	2	1	2	2	2	2	2	2	2	2	2
Semester No	IIIV		CO2	2	2	1	1	2	2	1	1	1	1	1	1	1	1
Teacher Name	Prof. Dr. P.P.Kadam		CO3	2	1	1	1	2	1	1	1	1	1	1	1	1	1
Course Outcomes			CO4	1	2	1	2	2	1	2	2	2	2	2	2	1	2
	CO1	extension and application of knowledge in a certain specialized field	CO5	1	2	2	1	1	2	2	1	2	1	1	2	2	1
	CO2	to train them in scientific thinking and	Average	1.60	1.60	1.40	1.40	1.60	1.60	1.60	1.40	1.60	1.40	1.40	1.60	1.40	1.40
	CO3	art of systematic presentation.															
	CO4	to enable them to take up the exciting field of social and economic research.															
	CO5	opportunity to get exposed to a few elements of social research															

Class		M.A.- Part-II	Course Outcomes	Program Outcomes											PSOs		
Subject Code	32307			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Industrial Economics		CO1	2	1	1	2	1	2	2	2	1	2	2	1	2	1
Semester No	III		CO2	1	2	2	1	1	2	1	1	1	2	1	2	2	2
Teacher Name	Dr.B.S.Parkal		CO3	2	2	1	2	2	1	1	1	2	1	1	1	1	2
Course Outcomes			CO4	2	1	2	1	1	1	2	2	2	2	2	2	2	2
	CO1	To provide an understanding of Finance	CO5														
	CO2	To demonstrate the practical and the applied aspects of Finance	Average	1.75	1.50	1.50	1.50	1.25	1.50	1.50	1.50	1.50	1.75	1.50	1.50	1.75	1.75
	CO3	Ability to develop, demonstrate and examine various topics under Finance															
	CO4	Ability to evaluate and examine subject areas															
	CO5																

Class		M.A.- Part-II	Course Outcomes	Program Outcomes											PSOs		
Subject Code	42307			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Foreign Exchange Market		CO1	2	1	3	2	1	2	2	1	1	2	2	1	2	1
Semester No	IV		CO2	1	1	2	1	2	2	2	2	2	2	0	2	1	2
Teacher Name	Dr.B.S.Parkal		CO3	2	2	1	2	1	0	1	1	1	1	2	2	2	2
Course Outcomes			CO4	2	2	1	2	1	2	1	2	2	0	2	2	2	1
	CO1	To provide an understanding of Finance	CO5														
	CO2	To demonstrate the practical and the applied aspects of Finance	Average	1.75	1.50	1.75	1.75	1.25	1.50	1.50	1.50	1.50	1.25	1.50	1.75	1.75	1.50
	CO3	Ability to develop, demonstrate and examine various topics under Finance															
	CO4	Ability to evaluate and examine subject areas															
	CO5																

CO-PO Mapping

		Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	
FY	FY	1	12301	1.75	1.25	1.75	1.50	1.50	1.50	1.25	1.50	1.50	1.25	
		2	22301	1.50	1.75	1.00	1.75	1.25	1.25	1.50	1.50	1.50	1.25	1.50
		3	12302	1.75	1.25	2.00	1.50	1.25	1.50	1.25	1.50	1.50	1.50	1.50
		4	22302	1.50	1.25	1.50	1.50	1.50	1.50	1.75	1.50	1.50	1.50	1.75
		5	12303	1.60	1.60	1.60	1.60	1.40	1.40	1.60	1.40	1.60	1.20	1.40
		6	22303	1.60	1.40	1.40	1.40	1.60	1.60	1.60	1.40	1.40	1.40	1.40
		7	12304	1.60	1.40	1.40	1.80	1.60	1.60	1.40	1.60	1.40	1.60	1.40
		8	22304	1.40	1.20	1.80	1.40	1.40	1.60	1.60	1.40	1.60	1.40	1.40
SY	SY	1	32301	1.60	1.40	1.60	1.60	1.60	1.40	1.60	1.60	1.40	1.40	1.80
		2	42301	1.60	1.40	1.40	1.40	1.60	1.20	1.80	1.40	1.60	1.40	1.60
		3	32302	1.60	1.60	1.60	1.60	1.60	1.80	1.40	1.60	1.20	1.60	1.60
		4	42302	1.60	1.40	1.20	1.60	1.60	1.60	1.40	1.60	1.20	1.60	1.60
		5	32303	1.60	1.40	1.40	1.40	1.40	1.60	1.80	1.60	1.60	1.60	1.40
		6	42303	1.60	1.60	1.40	1.40	1.60	1.60	1.60	1.40	1.60	1.40	1.40
		7	32307	1.75	1.50	1.50	1.50	1.25	1.50	1.50	1.50	1.50	1.75	1.50
		8	42307	1.75	1.50	1.75	1.75	1.25	1.50	1.50	1.50	1.50	1.25	1.50

CO-PO ATTAINMENT

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
1.003333	0.716667	1.003333	0.86	0.86	0.86	0.86	0.716667	0.86	0.86	0.716667
1.1	1.283333	0.733333	1.283333333	0.916667	0.916667	1.1	1.1	1.1	0.916667	1.1
0.63	0.45	0.72	0.54	0.45	0.54	0.45	0.54	0.54	0.54	0.54
0.46	0.383333	0.46	0.46	0.46	0.46	0.536667	0.46	0.46	0.46	0.536667
0.832	0.832	0.832	0.832	0.728	0.728	0.832	0.728	0.832	0.624	0.728
1.173333	1.026667	1.026667	1.026666667	1.173333	1.173333	1.173333	1.026667	1.026667	1.026667	1.026667
0.32	0.28	0.28	0.36	0.32	0.32	0.28	0.32	0.28	0.32	0.28
0.429333	0.368	0.552	0.429333333	0.429333	0.490667	0.490667	0.429333	0.490667	0.429333	0.429333
0.32	0.28	0.32	0.32	0.32	0.32	0.28	0.32	0.32	0.28	0.36
0.32	0.28	0.28	0.28	0.32	0.24	0.36	0.28	0.32	0.28	0.32
1.088	1.088	1.088	1.088	1.088	1.224	0.952	1.088	0.816	1.088	1.088
0.576	0.504	0.432	0.576	0.576	0.576	0.504	0.576	0.432	0.576	0.576
0.32	0.28	0.28	0.28	0.28	0.32	0.36	0.32	0.32	0.32	0.28
0.32	0.32	0.28	0.28	0.32	0.32	0.32	0.28	0.32	0.28	0.28
0.91	0.78	0.78	0.78	0.65	0.78	0.78	0.78	0.78	0.91	0.78
0.91	0.78	0.91	0.91	0.65	0.78	0.78	0.78	0.78	0.65	0.78

Percentage CO-PO ATTAINMENT

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
57.33333	57.33333	57.33333	57.33333333	57.33333	57.33333	57.33333	57.33333	57.33333	57.33333	57.33333
73.33333	73.33333	73.33333	73.33333333	73.33333	73.33333	73.33333	73.33333	73.33333	73.33333	73.33333
36	36	36	36	36	36	36	36	36	36	36
30.66667	30.66667	30.66667	30.66666667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667
52	52	52	52	52	52	52	52	52	52	52
73.33333	73.33333	73.33333	73.33333333	73.33333	73.33333	73.33333	73.33333	73.33333	73.33333	73.33333
20	20	20	20	20	20	20	20	20	20	20
30.66667	30.66667	30.66667	30.66666667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667
20	20	20	20	20	20	20	20	20	20	20
20	20	20	20	20	20	20	20	20	20	20
68	68	68	68	68	68	68	68	68	68	68
36	36	36	36	36	36	36	36	36	36	36
20	20	20	20	20	20	20	20	20	20	20
20	20	20	20	20	20	20	20	20	20	20
52	52	52	52	52	52	52	52	52	52	52
52	52	52	52	52	52	52	52	52	52	52

CO-PSO MAPPING

	Course	PSO1	PSO2	PSO3
1	12301	1.75	1.75	1.50
2	22301	1.75	1.50	1.75
3	12302	1.50	1.75	1.50
4	22302	1.75	1.25	1.50
5	12303	1.40	1.40	1.60
6	22303	1.40	1.60	1.75
7	12304	1.60	1.80	1.60
8	22304	1.60	1.60	1.60
1	32301	1.60	1.60	1.60
2	42301	1.80	1.60	1.60
3	32302	1.60	1.60	1.40
4	42302	1.60	1.40	1.60
5	32303	1.80	1.40	1.60
6	42303	1.60	1.40	1.40
7	32307	1.50	1.75	1.75
8	42307	1.75	1.75	1.50

CO-PSO ATTAINMENT

	Course	PSO1	PSO2	PSO3
	12301	1.003333	1.003333	0.86
	22301	1.283333	1.1	1.283333
	12302	0.54	0.63	0.54
	22302	0.536667	0.383333	0.46
	12303	0.728	0.728	0.832
	22303	1.026667	1.173333	1.283333
	12304	0.32	0.36	0.32
	22304	0.490667	0.490667	0.490667
	32301	0.32	0.32	0.32
	42301	0.36	0.32	0.32
	32302	1.088	1.088	0.952
	42302	0.576	0.504	0.576
	32303	0.36	0.28	0.32
	42303	0.32	0.28	0.28
	32307	0.78	0.91	0.91
	42307	0.91	0.91	0.78

percentage CO-PSO ATTAINMENT

	Course	PSO1	PSO2	PSO3
	12301	57.33333	57.33333	57.33333
	22301	73.33333	73.33333	73.33333
	12302	36	36	36
	22302	30.66667	30.66667	30.66667
	12303	52	52	52
	22303	73.33333	73.33333	73.33333
	12304	20	20	20
	22304	30.66667	30.66667	30.66667
	32301	20	20	20
	42301	20	20	20
	32302	68	68	68
	42302	36	36	36
	32303	20	20	20
	42303	20	20	20
	32307	52	52	52
	42307	52	52	52

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