

Academic Year	2019-20
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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

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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	1	2	2	1	2	2	3	2	2	2	2	2	2	2	3
Semester No	I	CO2	2	2	1	2	1	1	2	2	2	2	1	2	1	2	
Teacher Name	Pro. R.V. More	CO3	2	1	2	0	1	1	1	2	0	1	1	1	2	1	
Course Outcomes		CO4	2	0	1	2	2	2	1	1	2	0	1	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	1.50	1.25	1.50	1.50	1.75	1.75	1.50	1.25	1.25	1.75	1.75	2.00
	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	1	2	2	1	2	2	2	1	2	2	2	2	2	
Semester No	II	CO2	1	2	1	1	2	2	1	1	2	2	1	2	2	1	
Teacher Name	Pro. R.V. More	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	2	1	
	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	1.50	1.00	1.50	1.75	1.50	1.50	1.75	1.25	1.50	1.75	1.50	2.00	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	12302			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Public Economics - I		CO1	2	2	1	2	1	2	2	2	2	2	2	1	1	2
Semester No	I		CO2	1	0	2	2	2	2	2	1	1	2	1	2	1	2
Teacher Name	Dr. B.S. Parkal		CO3	2	2	1	2	2	1	1	1	1	1	1	2	1	
Course Outcomes			CO4	2	2	2	1	2	0	2	2	2	0	2	2	2	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 economies	Average	1.75	1.50	1.50	1.75	1.75	1.25	1.75	1.50	1.50	1.25	1.50	1.50	1.50	1.75
	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	2	1	1	1	2	2	1	1	1	2	2	1	1
Semester No	II		CO2	1	2	1	2	1	1	1	0	2	2	0	1	2	2
Teacher Name	Dr. B.S. Parkal		CO3	2	2	2	2	1	2	1	1	1	1	1	1	1	2
Course Outcomes			CO4	1	2	1	2	2	1	2	0	2	2	2	2	2	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 economies	Average	1.25	2.00	1.25	1.75	1.25	1.50	1.50	0.50	1.50	1.50	1.25	1.50	1.50	1.75
	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	1	2	1	1	2	2	2	2	1	1	2	2	2
Semester No	I		CO2	2	2	1	2	2	2	1	0	1	2	2	2	2	2
Teacher Name	Dr. M.H.Shinde		CO3	2	1	1	1	2	2	2	2	1	2	2	1	1	1
Course Outcomes			CO4	1	1	1	2	2	0	2	2	2	1	2	2	2	2
	CO1	To develop an understanding of the theoretical concept in international trade	CO5														
	CO2	To analyze international economics with reference to terms of trade, trade policy,	Average	1.50	1.25	1.25	1.50	1.75	1.50	1.75	1.50	1.50	1.50	1.75	1.75	1.75	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 international banking, international banking agreements etc															
	CO5																

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	2	1	3	2	2	1	2	2	1	1	2	1	2	2
Semester No	II		CO2	1	2	2	1	1	2	2	2	2	2	1	1	1	1
Teacher Name	Dr. M.H.Shinde		CO3	2	2	1	2	2	1	0	1	1	1	1	2	1	1
Course Outcomes			CO4	1	2	1	1	2	1	2	1	2	2	0	2	1	2
	CO1	To develop an understanding of the theoretical concept in international trade	CO5														
	CO2	To analyze international economics with reference to terms of trade, trade policy,	Average	1.50	1.75	1.75	1.50	1.75	1.25	1.50	1.50	1.50	1.50	1.25	1.25	1.50	1.50

	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 international banking, international banking agreements etc
	CO5	

Class		M.A Part -I	Course Outcomes	Program Outcomes											PSOs		
Subject Code	32395	Subject Name	Labour Economics <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> <th>PO6</th> <th>PO7</th> <th>PO8</th> <th>PO9</th> <th>PO10</th> <th>PO11</th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th>	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Semester No	I	Teacher Name	Prof. Dr.P.P.Kadam	1	2	1	1	1	2	2	1	1	1	2	2	2	1
Course Outcomes	CO1	To develop an understanding of agricultural economics	CO2	1	2	1	2	1	1	1	0	2	2	0	2	2	2
	CO2	To discuss and debate the various issues and challenges faced by agrarian economies	CO3	2	2	2	2	1	2	1	1	1	1	1	1	2	2
	CO3	Ability to develop an understanding of agriculture with its intricacies and imperfections	CO4	1	2	1	2	2	1	2	0	2	2	2	1	1	1
	CO4	Ability to analyze and evaluate the subject with reference to various aspects of agrarian economies	Average	1.25	2.00	1.25	1.75	1.25	1.50	1.50	0.50	1.50	1.50	1.25	1.50	1.75	1.50
	CO5																

Class		M.A Part -I	Course Outcomes	Program Outcomes											PSOs		
Subject Code	22394	Subject Name	Agriculture Economics <th>PO1</th> <th>PO2</th> <th>PO3</th> <th>PO4</th> <th>PO5</th> <th>PO6</th> <th>PO7</th> <th>PO8</th> <th>PO9</th> <th>PO10</th> <th>PO11</th> <th>PSO1</th> <th>PSO2</th> <th>PSO3</th>	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Semester No	II	Teacher Name	Prof. Dr.P.P.Kadam	1	1	2	1	2	2	1	2	1	2	2	2	1	2
Course Outcomes	CO1	To develop an understanding of labour economics	CO2	2	2	2	2	0	2	0	2	2	2	1	2	2	0
	CO2		CO3	1	1	2	2	2	1	2	1	1	1	2	2	2	2
	CO3		CO4	2	0	1	2	2	2	1	1	2	0	1	1	2	2
	CO4		CO5														

	CO2	To discuss and debate the various issues and challenges faced by labour with reference to division of labour, employment, wage determination	Average	1.50	1.00	1.75	1.75	1.50	1.75	1.00	1.50	1.50	1.25	1.50	1.75	1.75	1.50
	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 of Labour economics															
	CO5																

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Class		M.A. - Part-II	Course Outcomes	Program Outcomes											PSOs		
Subject Code	32391			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Macro Economic Analysis-I		CO1	2	1	1	1	2	1	1	2	2	2	1	2	1	1
Semester No	III		CO2	1	2	2	2	1	2	2	2	1	0	2	2	2	2
Teacher Name	Prof. R.V.More		CO3	1	2	2	1	1	2	2	2	2	2	1	1	2	1
Course Outcomes			CO4	2	1	1	1	1	2	2	0	2	2	2	2	2	2
	CO1	To provide a thorough understanding of the principles of macroeconomics	CO5	1	1	1	2	2	1	1	2	1	1	1	2	1	1
	CO2	application of macroeconomic concepts in real-life situations.	Average	1.40	1.40	1.40	1.40	1.40	1.60	1.60	1.60	1.60	1.40	1.40	1.80	1.60	1.40
	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	42391			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Macro Economic Analysis-I		CO1	2	1	2	2	1	2	2	2	2	2	2	2	1	1
Semester No	IV		CO2	1	2	1	1	2	2	1	1	1	1	1	2	2	2
Teacher Name	Prof. R.V.More		CO3	2	0	1	1	2	1	1	1	1	1	2	1	2	2

Course Outcomes			CO4	1	2	1	2	2	0	2	2	2	2	2	2	2	1
	CO1	To provide a thorough understanding of the principles of macroeconomics	CO5	2	2	2	1	1	2	1	1	1	1	1	1	2	2
	CO2	application of macroeconomic concepts in real-life situations.	Average	1.60	1.40	1.40	1.40	1.60	1.40	1.40	1.40	1.40	1.40	1.40	1.60	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	32392		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	1	4	2	
Semester No	III	CO2	1	2	1	1	2	2	1	1	2	2	1	1	1	1	
Teacher Name	Dr. M.H.Shinde	CO3	1	1	1	2	2	1	2	2	1	0	2	2	2	1	
Course Outcomes		CO4	2	2	0	1	2	1	1	2	1	2	2	2	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	1	2	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	1.40	2.00	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	42392			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Growth and Development-I		CO1	2	1	1	1	2	1	1	2	2	2	1	2	1	2
Semester No	IIV		CO2	2	1	1	1	2	1	1	2	2	2	1	2	2	2
Teacher Name	Dr. M.H.Shinde		CO3	1	2	2	1	1	2	2	1	2	2	1	1	1	1
Course Outcomes			CO4	1	2	2	2	1	2	2	2	1	0	2	2	2	2
	CO1	To enable learning and understanding of the basic concepts and process	CO5	1	2	2	1	1	2	1	2	2	2	1	1	2	2
	CO2	to measure the growth and economic development	Average	1.40	1.60	1.60	1.20	1.40	1.60	1.40	1.80	1.80	1.60	1.20	1.60	1.60	1.80
	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	32393			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Modern Banking		CO1	1	2	2	1	2	2	3	2	2	2	2	1	2	
Semester No	III		CO2	2	2	1	2	1	1	2	2	2	1	2	1	1	
Teacher Name	Dr.B.S.Parkal		CO3	2	1	2	0	1	1	1	2	0	1	1	1	2	
Course Outcomes			CO4	2	0	1	2	2	2	1	1	2	0	1	2	2	1

	CO1	To enable an understanding of modern banking	CO5	1	2	2	2	1	1	2	1	2	2	2	2	2	2
	CO2	Ability to evaluate and examine subject areas	Average	1.60	1.40	1.60	1.40	1.40	1.40	1.80	1.60	1.60	1.40	1.40	1.80	1.40	1.60
	CO3	To demonstrate the practical and the applied aspects of modern banking.															
	CO4	Ability to develop, demonstrate and examine topics under modern banking															
	CO5	Ability to evaluate and examine subject areas in modern banking															

Class		M.A.- Part-II	Course Outcomes	Program Outcomes											PSOs		
Subject Code	42393			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Research Methodology		CO1	2	1	1	1	2	1	1	2	0	2	1	2	3	2
Semester No	IV		CO2	1	1	0	2	1	1	1	2	2	2	1	1	2	2
Teacher Name	Dr.B.S.Parkal		CO3	2	1	1	1	2	2	1	2	0	2	1	1	1	2
Course Outcomes			CO4	1	2	0	2	1	2	1	2	2	2	1	2	1	1
	CO1	extension and application of knowledge in a certain specialized field	CO5	1	1	0	2	1	1	1	2	2	2	1	1	2	1
	CO2	to train them in scientific thinking and	Average	1.40	1.20	0.40	1.60	1.40	1.40	1.00	2.00	1.20	2.00	1.00	1.40	1.80	1.60
	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	32394			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
Subject Name	Demography		CO1	1	2	1	1	1	2	2	1	1	1	2	1	2	1
Semester No	III		CO2	1	2	1	2	1	1	1	0	2	2	0	1	1	2
Teacher Name	Dr.P.P.Kadam		CO3	2	2	2	2	1	2	1	1	1	1	1	2	2	1

Course Outcomes			CO4	1	2	1	2	2	1	2	0	2	2	2	2	2	
	CO1	To provide an understanding of demographic features	CO5														
	CO2	To study and evaluate demographic issues.	Average	1.25	2.00	1.25	1.75	1.25	1.50	1.50	0.50	1.50	1.50	1.25	1.50	1.75	1.50
	CO3	Ability to develop, demonstrate and examine various topics under demography															
	CO4	Ability to evaluate and examine subject areas															
	CO5																

Class	M.A.- Part-II	Course Outcomes	Program Outcomes											PSOs			
Subject Code	42394		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3	
Subject Name	Rural Development	CO1	2	1	2	1	2	1	1	2	2	2	1	1	1	2	
Semester No	IV	CO2	1	2	2	2	2	1	2	2	1	1	2	2	2	1	
Teacher Name	Dr.P.P.Kadam	CO3	2	2	1	1	2	2	1	2	0	2	1	1	2	1	
Course Outcomes		CO4	1	2	0	2	1	2	1	1	2	2	1	2	2	2	
	CO1	To provide an understanding of rural development	CO5														
	CO2	To understand rural development aspects.	Average	1.50	1.75	1.25	1.50	1.75	1.50	1.25	1.75	1.25	1.75	1.25	1.50	1.75	1.50
	CO3	Ability to develop and examine various topics under rural development															
	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	1.50	1.25	1.50	1.50	1.75	1.75	1.50	1.25	1.25
		2	22301	1.50	1.50	1.00	1.50	1.75	1.50	1.50	1.75	1.25	1.50	1.75
		3	12302	1.75	1.50	1.50	1.75	1.75	1.25	1.75	1.50	1.50	1.25	1.50
		4	22302	1.25	2.00	1.25	1.75	1.25	1.50	1.50	0.50	1.50	1.50	1.25
		5	12303	1.50	1.25	1.25	1.50	1.75	1.50	1.75	1.50	1.50	1.50	1.75
		6	22303	1.50	1.75	1.75	1.50	1.75	1.25	1.50	1.50	1.50	1.50	1.25
		7	32395	1.25	2.00	1.25	1.75	1.25	1.50	1.50	0.50	1.50	1.50	1.25
		8	22394	1.50	1.00	1.75	1.75	1.50	1.75	1.00	1.50	1.50	1.25	1.50
SY	SY	1	32391	1.40	1.40	1.40	1.40	1.40	1.60	1.60	1.60	1.60	1.40	1.40
		2	42391	1.60	1.40	1.40	1.40	1.60	1.40	1.40	1.40	1.40	1.40	1.40
		3	32392	1.60	1.40	1.20	1.60	1.60	1.60	1.40	1.60	1.20	1.60	1.60
		4	42392	1.40	1.60	1.60	1.20	1.40	1.60	1.40	1.80	1.80	1.60	1.20
		5	32393	1.60	1.40	1.60	1.40	1.40	1.40	1.80	1.60	1.60	1.40	1.40
		6	42393	1.40	1.20	0.40	1.60	1.40	1.40	1.00	2.00	1.20	2.00	1.00
		7	32394	1.25	2.00	1.25	1.75	1.25	1.50	1.50	0.50	1.50	1.50	1.25
		8	42394	1.50	1.75	1.25	1.50	1.75	1.50	1.25	1.75	1.25	1.75	1.25

CO-PO ATTAINMENT

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
0.723333	0.516667	0.62	0.516666667	0.62	0.62	0.723333	0.723333	0.62	0.516667	0.516667
1.5	1.5	1	1.5	1.75	1.5	1.5	1.75	1.25	1.5	1.75
0.723333	0.62	0.62	0.723333333	0.723333	0.516667	0.723333	0.62	0.62	0.516667	0.62
1.25	2	1.25	1.75	1.25	1.5	1.5	0.5	1.5	1.5	1.25
0.62	0.516667	0.516667	0.62	0.723333	0.62	0.723333	0.62	0.62	0.62	0.723333
1.5	1.75	1.75	1.5	1.75	1.25	1.5	1.5	1.5	1.5	1.25
0.716667	1.146667	0.716667	1.003333333	0.716667	0.86	0.86	0.286667	0.86	0.86	0.716667
0.86	0.573333	1.003333	1.003333333	0.86	1.003333	0.573333	0.86	0.86	0.716667	0.86
0.578667	0.578667	0.578667	0.578666667	0.578667	0.661333	0.661333	0.661333	0.661333	0.578667	0.578667
0.661333	0.578667	0.578667	0.578666667	0.661333	0.578667	0.578667	0.578667	0.578667	0.578667	0.578667
0.661333	0.578667	0.496	0.661333333	0.661333	0.661333	0.578667	0.661333	0.496	0.661333	0.661333
1.176	1.344	1.344	1.008	1.176	1.344	1.176	1.512	1.512	1.344	1.008
0.832	0.728	0.832	0.728	0.728	0.728	0.936	0.832	0.832	0.728	0.728
0.728	0.624	0.208	0.832	0.728	0.728	0.52	1.04	0.624	1.04	0.52
0.516667	0.826667	0.516667	0.723333333	0.516667	0.62	0.62	0.206667	0.62	0.62	0.516667
0.46	0.536667	0.383333	0.46	0.536667	0.46	0.383333	0.536667	0.383333	0.536667	0.383333

Percentage CO-PO ATTAINMENT

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
41.33333	41.33333	41.33333	41.33333333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333
100	100	100	100	100	100	100	100	100	100	100
41.33333	41.33333	41.33333	41.33333333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333
100	100	100	100	100	100	100	100	100	100	100
41.33333	41.33333	41.33333	41.33333333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333
100	100	100	100	100	100	100	100	100	100	100
57.33333	57.33333	57.33333	57.33333333	57.33333	57.33333	57.33333	57.33333	57.33333	57.33333	57.33333
57.33333	57.33333	57.33333	57.33333333	57.33333	57.33333	57.33333	57.33333	57.33333	57.33333	57.33333
41.33333	41.33333	41.33333	41.33333333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333
41.33333	41.33333	41.33333	41.33333333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333
41.33333	41.33333	41.33333	41.33333333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333
84	84	84	84	84	84	84	84	84	84	84
52	52	52	52	52	52	52	52	52	52	52
52	52	52	52	52	52	52	52	52	52	52
41.33333	41.33333	41.33333	41.33333333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333
30.66667	30.66667	30.66667	30.66666667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667

CO-PSO MAPPING

	Course	PSO1	PSO2	PSO3
1	12301	1.75	1.75	2.00
2	22301	1.50	2.00	1.50
3	12302	1.50	1.50	1.75
4	22302	1.50	1.50	1.75
5	12303	1.75	1.75	1.75
6	22303	1.25	1.50	1.50
7	32395	1.50	1.75	1.50
8	22394	1.75	1.75	1.50
1	32391	1.80	1.60	1.40
2	42391	1.60	1.60	1.60
3	32392	1.40	2.00	1.40
4	42392	1.60	1.60	1.80
5	32393	1.80	1.40	1.60
6	42393	1.40	1.80	1.60
7	32394	1.50	1.75	1.50
8	42394	1.50	1.75	1.50

CO-PSO ATTAINMENT

	Course	PSO1	PSO2	PSO3
	12301	0.723333	0.723333	0.826667
	22301	1.5	2	1.5
	12302	0.62	0.62	0.723333
	22302	1.5	1.5	1.75
	12303	0.723333	0.723333	0.723333
	22303	1.25	1.5	1.5
	32395	0.86	1.003333	0.86
	22394	1.003333	1.003333	0.86
	32391	0.744	0.661333	0.578667
	42391	0.661333	0.661333	0.661333
	32392	0.578667	0.826667	0.578667
	42392	1.344	1.344	1.512
	32393	0.936	0.728	0.832
	42393	0.728	0.936	0.832
	32394	0.62	0.723333	0.62
	42394	0.46	0.536667	0.46

Percentage CO-PSO ATTAINMENT

	Course	PSO1	PSO2	PSO3
	12301	41.33333	41.33333	41.33333
	22301	100	100	100
	12302	41.33333	41.33333	41.33333
	22302	100	100	100
	12303	41.33333	41.33333	41.33333
	22303	100	100	100
	32395	57.33333	57.33333	57.33333
	22394	57.33333	57.33333	57.33333
	32391	41.33333	41.33333	41.33333
	42391	41.33333	41.33333	41.33333
	32392	41.33333	41.33333	41.33333
	42392	84	84	84
	32393	52	52	52
	42393	52	52	52
	32394	41.33333	41.33333	41.33333
	42394	30.66667	30.66667	30.66667

FY

SY