PRESTIGE INSTITUTE OF MANAGEMENT & RESEARCH, GWALIOR

AN AUTONOMOUS INSTITUTE ACCREDITED WITH UGC NAAC GRADE 'A' AND NBA (AICTE)

MBA (BA) Internal PO Attainment

								Difficulty Threshold (Passing Mark)			
				Step 1		Fill "Relevance" of each subject towards a PO out of 3		#Students above	Level	Hard	Medium	Easy
				Step 2		Fill # Students scoring Average Marks		80%	3	40%	50%	60%
				Step 2		Score Level will automatically be calculated		70%	2	40%	50%	60%
				Step 3		PO attainment scores will be automatically calculated		60%	1	40%	50%	60%
				Step 4		**PO Attainment out of 3 Automatically Calculated**			0	40%	50%	60%
				Step 5		PO Attainment % Automatically Calculated						
Difficulty	Threshold	# Students above Threshold	Score Level	Code		Cos/Subjects		Relevance (Co-relation factors on the scale of 0-3)				

						PO1: Understand management theories and practices to solve business problems using analytics	PO2: Apply appropriate analytical methods to interpret data using latest data analytics tools.	PO3: Enable critical thinking and cultivate cognitive skills.	PO4: Appraise the impact of managerial decisions and business priorities on the societal, economic and environmental aspects	PO5: Adapt life-long learning and ethical orientation through enriched knowledge and skills.
H	40%	98.0%	3	MBA BA 101 CO1	CO1a: Integrate management principles into management practices. CO1b: Determine the nature of organization structure.	3	2	1	2	3
M	50%	89.0%	3	MBA BA 101 CO2	CO2: Understand and apply control methods.	2	2	2	2	3
M	50%	89.0%	3	MBA BA 101 CO3	CO3: Understand models of organizational behavior, perception, organizational change, group dynamism and organizational conflict.	3	3	3	1	2
E	60%	75.0%	2	MBA BA 101 CO4	Measure Employees' attitude and Personality Types, motivation factors, leadership styles, and stress.	3	2	1	2	3

H	40%	95.0%	3	MBA BA 102 CO1	CO1a: Learn the general concepts of Managerial Economics and Demand Analysis CO1b: Understand the concepts of Demand Elasticity and Production Analysis	3	0	2	2	3
M	50%	84.0%	3	MBA BA 102 CO2	CO2: Analyse the concepts of Market Structure	3	2	2	2	2
M	50%	84.0%	3	MBA BA 102 CO3	CO3: Understand and Implement Demand Forecasting	2	3	2	2	2
M	50%	84.0%	3	MBA BA 102 CO4	CO4: Calculate and Interpret the Concept of National Income, Business Cycle and Inflation	2	3	3	2	3
H	40%	98.0%	3	MBA BA 103 CO1	CO1a: Learn the basic concepts of financial reporting. CO1b: Understand types of financial statements and additional disclosures need to report by business entity.	3	0	2	1	2
M	50%	74.0%	2	MBA BA 103 CO2	CO2: Learn basic elements of financial statements.	3	1	2	2	1
M	50%	74.0%	2	MBA BA 103 CO3	CO3: Understand and apply financial statement analysis tools for decision making.	2	2	3	0	0
H	40%	98.0%	3	MBA BA 103 CO4	CO4: Learn convergence of Indian accounting standards with IFRS.	3	2	3	2	1

H	40%	98.0%	3	MBA BA 104 CO1	CO1a: Understand the role of business analytics for Business Decision making CO1b: Understand the role of data science in solving business problem and Data science project life cycle to prepare data	3	2	2	3	1
M	50%	95.0%	3	MBA BA 104 CO2	CO2: Understand and apply data mining task and techniques for better decision making	3	2	1	3	1
M	50%	95.0%	3	MBA BA 104 CO3	CO3: Apply and analyse machine learning concept various data mining task and techniques for better decision making	2	2	2	2	2
E	60%	90.0%	3	MBA BA 104 CO4	CO4: Analyse the application of business analytics in different business domain.	3	2	2	2	3
H	40%	97.0%	3	MBA BA 105 CO1	CO1a: Understand the concept, factors of the business environment and interaction between different environments. CO1b: Evaluate the global environment, various laws impacting the business.	3	2	3	3	2
M	50%	93.0%	3	MBA BA 105 CO2	CO2: Understand various government policies, institutions and its role in business.	3	3	3	3	3
E	60%	84.0%	3	MBA BA 105 CO3	CO3: Understand the concept, role and process of EXIM policy, LPG, FDI, WTO, Global environment.	2	2	3	3	1

M	50%	93.0%	3	MBA BA 105 CO4	CO4: Practical learning of SWOT, Stock Exchange and Analysis of companies.	3	3	3	2	3
H	40%	97.0%	3	MBA BA 106 CO1	CO1a: Understand the basics of descriptive and inferential statistics and present appropriate graphical statistics for different types of data. CO1b: Apply basic descriptive statistics like central value, dispersion, skewness and kurtosis for different types of data.	2	3	3	3	3
M	50%	67.0%	1	MBA BA 106 CO2	CO2: Use correlation and regression analyses to determine the relationships between the variables.	3	3	2	1	2
H	40%	97.0%	3	MBA BA 106 CO3	CO3: Demonstrate and understand concepts relating to probability and its distribution.	3	3	2	1	2
M	50%	67.0%	1	MBA BA 106 CO4	CO4: Conduct and interpret a variety of hypothesis tests to aid decision making in a business context.	3	3	2	1	2
M	50%	95.0%	3	MBA BA 107 CO1	CO1: Students will develop knowledge, skills, and practice effective human communication to enhance collaborative abilities.	0	0	3	2	3

E	60%	97.0%	3	MBA BA 108 CO1	CO1: Students will grasp the fundamental concepts, rules, and logical applications of data analysis with Python and showcase their comprehension through practical exercises and reports to support decision-making in a business context.	**0**	1	1	**0**	2
E	60%	98.0%	3	MBA BA 109 CO1	CO1: The students are able to conceptualise and demonstrate the understanding of the subjects of MBA BA program in first semester.	1	2	0	2	3
H	40%	98.0%	3	MBA BA 201 CO1	CO1a- Undertstand the Various concept related to Marketing management and Marketing environment CO1b- Illustrate the various concept related to marketing Segmentation, targeting and positioning	1	2	2	3	3
M	50%	90.0%	3	MBA BA 201 CO2	CO2- Analyse the concept of Marketing mix and understand role of distribution channels in Marketing	**0**	1	1	**0**	2
M	50%	90.0%	3	MBA BA 201 CO3	CO3- Comprehend the role of promotion mix in marketing.	2	2	0	2	1
E	60%	73.0%	2	MBA BA 201 CO4	CO4-Evaluate and Identify the Various aspect of digital marketing and Retailing	1	2	0	2	3

H	40%	95.0%	3	MBA BA 202 CO1	CO1a: Learn the general concepts of supply chain, operations, plant location and layout planning CO1b: Understand the concepts of forecasting, production planning and capacity planning	3	0	3	3	2
M	50%	95.0%	3	MBA BA 202 CO2	CO2: Learn the concepts of aggregate planning and inventory management					
M	50%	95.0%	3	MBA BA 202 CO3	CO3: Analyze the network design, logistics management of a firm and purchasing & vendor management	3	2	3	2	2
E	60%	82.0%	3	MBA BA 202 CO4	CO4: Understand the recent issues in supply chain management and role of IT in supply chain	3	2	3	2	3
H	40%	95.0%	3	MBA BA 203 CO1	CO1a: Understand the fundamentals, various models and agency problems of Corporate Finance. CO1b: Acquire knowledge about various aspects of cost of capital and capital budgeting techniques for analyzing long-term projects.	3	3	2	1	2
M	50%	80.0%	3	MBA BA 203 CO2	CO2: Acquaint with the various capital structure theories and practicality of leverage in the context of business.	3	3	1	2	2
M	50%	80.0%	3	MBA BA 203 CO3	CO3: Comprehend various dividend models and its applicability	3	3	1	1	1

H	40%	95.0%	3	MBA BA 203 CO4	CO4: Familiar with the concept of working capital and its management	3	3	3	2	2
H	40%	98.0%	3	MBA BA 204 CO1	CO1a: Gain knowledge about basic concepts of Machine Learning CO1b: Identify machine learning techniques suitable for a given problem	3	1	2	2	3
M	50%	95.0%	3	MBA BA 204 CO2	CO2: Understand decision tree and ANN techniques for solving the real problem in machine learning	3	2	3	2	2
M	50%	95.0%	3	MBA BA 204 CO3	CO3: Apply the bayes algorithms to in business problem.	3	3	3	3	3
E	60%	77.0%	2	MBA BA 204 CO4	CO4: Understand the unsupervised learning techniques and their algorithm for solve the business problem.	2	3	3	3	2
H	40%	98.0%	3	MBA BA 205 CO1	CO1a: Develop an understanding of the concepts of HRM and essential skill sets required to become HR professional. CO1b: Contribute to the implementation and evaluation of plans related to employee recruitment, selection, training, retention, and appraisal processes in an organization.	3	3	2	2	2
M	50%	98.0%	3	MBA BA 205 CO2	CO2: Integrate the knowledge of HR concepts to take the best managerial decisions.	3	3	3	2	1

E	60%	95.0%	3	MBA BA 205 CO3	CO3: Design rationally the salary and compensation structure.	3	3	3	2	2
E	60%	95.0%	3	MBA BA 205 CO4	CO4: Create pay slip, offer letter, develop and use HR Metrics and write Job Advertisements.	2	3	3	3	2
H	40%	97.0%	3	MBA BA 206 CO1	CO1a: Know and understand the various techniques of Decision making Environments. CO1b: Define, Sketch and Apply LP technique to translate a real-world problem.	3	2	3	3	2
M	50%	85.0%	3	MBA BA 206 CO2	CO2: Demonstrate and Solve game and sequencing problems.	3	2	3	2	2
M	50%	85.0%	3	MBA BA 206 CO3	CO3: Understand the concept of Queuing System and identify variations using SQC tools.	3	2	3	2	2
E	60%	75.0%	2	MBA BA 206 CO4	CO4: Familiar with the concept of replacement theory and CPM PERT.	3	2	3	2	2
E	60%	98.0%	3	MBA BA 207 CO1	CO1: Students will acquire proficiency in R programming, encompassing constructs, control statements, and string functions, and apply this knowledge to effectively employ tools, techniques, and algorithms for solving business problems.	3	3	3	2	1

E	60%	97.0%	3	MBA BA 208 CO1	CO1: Grasp the concepts of Database Management Systems, ER-Models, relational databases, and practical tools for data management with demonstrating their comprehension and application skills.	3	2	3	0	0
E	60%	100.0%	3	MBA BA 209 CO1	CO1: Students will both grasp the concept of data analysis with Python and apply and demonstrate their knowledge of Python tools through practical reports.	3	2	3	1	1
H	40%	100.0%	3	MBA BA 301 CO1	CO1a: Understand Big Data and its Business Implications CO1b: Elaborate the components of Hadoop and Hadoop Eco-System	3	2	1	3	1
H	40%	100.0%	3	MBA BA 301 CO2	CO2: Demonstrate the Process Data on Hadoop Distributed File System	2	3	2	2	1
H	40%	100.0%	3	MBA BA 301 CO3	CO3: Explain Job Execution in Hadoop Environment	3	3	3	2	2
H	40%	100.0%	3	MBA BA 301 CO4	CO4: Analyse Big Data Solutions using Spark	3	3	2	3	2
H	40%	95.0%	3	MBA BA 302 CO1	CO1a: Understand the conceptual foundations of research. CO1b: Describe sampling design and recognize various tools of measurement of data.	2	1	3	3	3

M	50%	80.0%	3	MBA BA 302 CO2	CO2: Identify and analyze the essential features of data preparation.	3	2	3	2	3
M	50%	80.0%	3	MBA BA 302 CO3	CO3: Describe and demonstrate the predictive analytics, namely, the regression technique.	2	3	2	2	2
M	50%	80.0%	3	MBA BA 302 CO4	CO4: Define and understand the various multivariate techniques.	3	3	2	2	3
H	40%	98.0%	3	MBA BA 303 CO1	CO1a: Understand the application and methods of consumer research CO1b: Acquire the knowledge of individual determinants of consumer behaviour	3	2	3	3	2
M	50%	97.0%	3	MBA BA 303 CO2	CO2: Understand the facets of group dynamics with reference to consumer behaviour	3	3	2	3	3
E	60%	82.0%	3	MBA BA 303 CO3	CO3: Comprehend the communication and consumer decision-making process.	3	2	3	3	3
E	60%	82.0%	3	MBA BA 303 CO4	CO4: Describe various models of consumer behaviour and application of CB in industrial settings	3	3	3	3	3
H	40%	100.0%	3	MBA BA 304 CO1	CO1a: Understand the role of web analytics within the digital marketing landscape CO1b: Identify, define and interpret commonly used web metrics and KPIs	2	2	1	2	3
M	50%	97.0%	3	MBA BA 304 CO2	CO2: Understand analytical methods to transform social media data into marketing insights	2	2	2	2	2

E	60%	82.0%	3	MBA BA 304 CO3	CO3: Understand how to effectively use insights to support website design decisions, campaign optimization, search analytics	2	2	2	2	2
E	60%	82.0%	3	MBA BA 304 CO4	CO4: Analyse unstructured data such as Social Media comments, customer reviews to understand the sentiments of the customers.	1	2	2	2	2
H	40%	97.0%	3	MBA BA 305 CO1	CO1a: Understand the concept, need of Financial Analytics and time value of money. CO1b: Possessing knowledge of Financial Market Structures, Asset pricing theories and the optimal portfolio	3	2	0	2	0
M	50%	87.0%	3	MBA BA 305 CO2	CO2: Applying Volatility and Risk Model for forecasting	3	3	3	0	2
M	50%	87.0%	3	MBA BA 305 CO3	CO3: Analysing Risk Measurement technique for financial Institution.	3	3	2	0	0
E	60%	70.0%	2	MBA BA 305 CO4	CO4: Estimate derivative price and interoperating different issues in International Finance.	3	0	0	2	2

E	60%	93.0%	3	MBA BA 306 CO1	CO1: Students will comprehend the importance of big data analytics, Hadoop architecture, data analysis techniques, and demonstrate their knowledge by implementing various file management tasks within the Hadoop framework.	3	3	2	1	1
M	50%	98.0%	3	MBA BA 307 CO1	CO1: Students will grasp practical concepts of data visualization and storage and demonstrate their knowledge by using Python libraries and PowerBI for effective data visualization.	3	3	2	0	0
E	60%	100.0%	3	MBA BA 308 CO1	CO1: Students will acquire practical understanding of management concepts to enhance employability skills and demonstrate their knowledge and experience gained during training.	3	3	2	3	3
H	40%	87.0%	3	MBA BA 401 CO1	CO1a: Develop the skills and qualities required to be a successful entrepreneur. CO1b: Understand the theories of entrepreneurship and the challenges faced by women and rural entrepreneurs.	3	1	2	3	2
E	60%	98.0%	3	MBA BA 401 CO2	CO2: Learn about creating entrepreneurial venture and feasibility studies in project development.	3	1	3	3	3

M	50%	98.0%	3	MBA BA 401 CO3	CO3: Analyze and compare the different funding agencies available for training and funding new enterprises.	3	3	3	2	2
H	40%	98.0%	3	MBA BA 401 CO4	CO4: Analyze and compare the different entrepreneurial agencies available for the growth of Entrepreneurship in India.	3	1	3	2	3
H	40%	93.0%	3	MBA BA 402 CO1	CO1a: Identify and resolve security issues in networks and computer systems to secure any public or private organization CO1b: Understand the concept of Cyberspace and Regulation of cyberspace	3	3	2	2	2
E	60%	92.0%	3	MBA BA 402 CO2	CO2: Apply the branches of law, jurisdictional boundaries and cybersecurity law enforcement.	2	3	1	2	3
E	60%	92.0%	3	MBA BA 402 CO3	CO3: Analyze the concept and impact of E-commerce on business models and strategy	2	1	1	3	2
M	50%	92.0%	3	MBA BA 402 CO4	CO4: Recommend a legal defence against data breaches or cybercrime civil or criminal proceedings	2	2	2	3	3
M	50%	82.0%	3	MBA BA 403 CO1	CO1a: Understand the basics of Capital Market CO1b: Analyze the risk and return of Securities	2	2	2	1	2
E	60%	87.0%	3	MBA BA 403 CO2	CO2: Apply the Fundamental and Technical Indicators to predict Stock Market trends	2	3	3	3	3

E	60%	**87.0%**	3	MBA BA 403 CO3	CO3: Demonstrate the Modern Portfolio Management and its application in portfolio selection	3	2	3	1	1
M	50%	88.0%	3	MBA BA 403 CO4	CO4: Assess portfolio revision technique and portfolio performance	2	1	2	1	2
H	40%	92.0%	3	MBA BA 404 CO1	CO1a: Understand various marketing models and metrics CO1b: Demonstrate Competitive analysis	3	3	3	2	1
E	60%	92.0%	3	MBA BA 404 CO2	CO2: Explain Price analytics	3	3	3	2	1
M	50%	92.0%	3	MBA BA 404 CO3	CO3: Understand Promotion analytics	3	3	2	3	1
H	40%	95.0%	3	MBA BA 404 CO4	CO4: Understand Sales analytics	2	3	2	2	2
H	40%	100.0%	3	MBA BA 405 CO1	CO 1a: Introduces the theory, concepts, and business application of human resources data, metrics and systems. CO 1b: Business application of human resources research, data, metrics, systems, analyses, and reporting.	3	3	3	3	2
E	60%	98.0%	3	MBA BA 405 CO2	CO2: Examine actual business cases and apply problem solving and critical thinking skills through group case studies	3	3	3	3	2
M	50%	95.0%	3	MBA BA 405 CO3	CO3: Understand the application of quantitative and qualitative analysis to understand trends and indicators in human resource data.	2	3	3	3	2

H	40%	100.0%	3	MBA BA 405 CO4	CO4: Apply quantitative and qualitative analysis to understand trends and indicators in human resource data.	2	3	3	3	2
M	50%	98.0%	3	MBA BA 407 CO1	CO1: Students will comprehend the relevant fundamentals of predictive analytics and employ various methods to analyze and interpret data effectively.	3	2	3	1	1
						249	216	219	197	195
					PO Attainment					
			100%	MBA BA 101 CO1	CO1a: Integrate management principles into management practices. CO1b: Determine the nature of organization structure.	3	2	1	2	3
			100%	MBA BA 101 CO2	CO2: Understand and apply control methods.	2	2	2	2	3
			100%	MBA BA 101 CO3	CO3: Understand models of organizational behavior, perception, organizational change, group dynamism and organizational conflict.	3	3	3	1	2
			67%	MBA BA 101 CO4	Measure Employees' attitude and Personality Types, motivation factors, leadership styles, and stress.	2	1.333333	0.666667	1.333333	2

				%	Course	Course Outcome					
				100%	MBA BA 102 CO1	CO1a: Learn the general concepts of Managerial Economics and Demand Analysis CO1b: Understand the concepts of Demand Elasticity and Production Analysis	3	0	2	2	3
				100%	MBA BA 102 CO2	CO2: Analyse the concepts of Market Structure	3	2	2	2	2
				100%	MBA BA 102 CO3	CO3: Understand and Implement Demand Forecasting	2	3	2	2	2
				100%	MBA BA 102 CO4	CO4: Calculate and Interpret the Concept of National Income, Business Cycle and Inflation	2	3	3	2	3
				100%	MBA BA 103 CO1	CO1a: Learn the basic concepts of financial reporting. CO1b: Understand types of financial statements and additional disclosures need to report by business entity.	3	0	2	1	2
				67%	MBA BA 103 CO2	CO2: Learn basic elements of financial statements.	2	0.666667	1.333333	1.333333	0.666667
				67%	MBA BA 103 CO3	CO3: Understand and apply financial statement analysis tools for decision making.	1.333333333	1.333333	2	0	0
				100%	MBA BA 103 CO4	CO4: Learn convergence of Indian accounting standards with IFRS.	3	2	3	2	1

				100%	MBA BA 104 CO1	CO1a: Understand the role of business analytics for Business Decision making CO1b: Understand the role of data science in solving business problem and Data science project life cycle to prepare data	3	2	2	3	1
				100%	MBA BA 104 CO2	CO2: Understand and apply data mining task and techniques for better decision making	3	2	1	3	1
				100%	MBA BA 104 CO3	CO3: Apply and analyse machine learning concept various data mining task and techniques for better decision making	2	2	2	2	2
				100%	MBA BA 104 CO4	CO4: Analyse the application of business analytics in different business domain.	3	2	2	2	3
				100%	MBA BA 105 CO1	CO1a: Understand the concept, factors of the business environment and interaction between different environments. CO1b: Evaluate the global environment, various laws impacting the business.	3	2	3	3	2
				100%	MBA BA 105 CO2	CO2: Understand various government policies, institutions and its role in business.	3	3	3	3	3
				100%	MBA BA 105 CO3	CO3: Understand the concept, role and process of EXIM policy, LPG, FDI, WTO, Global environment.	2	2	3	3	1

			100%	MBA BA 105 CO4	CO4: Practical learning of SWOT, Stock Exchange and Analysis of companies.	3	3	3	2	3
			100%	MBA BA 106 CO1	CO1a: Understand the basics of descriptive and inferential statistics and present appropriate graphical statistics for different types of data. CO1b: Apply basic descriptive statistics like central value, dispersion, skewness and kurtosis for different types of data.	2	3	3	3	3
			33%	MBA BA 106 CO2	CO2: Use correlation and regression analyses to determine the relationships between the variables.	1	1	0.666667	0.333333	0.666667
			100%	MBA BA 106 CO3	CO3: Demonstrate and understand concepts relating to probability and its distribution.	3	3	2	1	2
			33%	MBA BA 106 CO4	CO4: Conduct and interpret a variety of hypothesis tests to aid decision making in a business context.	1	1	0.666667	0.333333	0.666667
			100%	MBA BA 107 CO1	CO1: Students will develop knowledge, skills, and practice effective human communication to enhance collaborative abilities.	0	0	3	2	3

			100%	MBA BA 108 CO1	CO1: Students will grasp the fundamental concepts, rules, and logical applications of data analysis with Python and showcase their comprehension through practical exercises and reports to support decision-making in a business context.	0	1	1	0	2
			100%	MBA BA 109 CO1	CO1: The students are able to conceptualise and demonstrate the understanding of the subjects of MBA BA program in first semester.	1	2	0	2	3
			100%	MBA BA 201 CO1	CO1a- Undertstand the Various concept related to Marketing management and Marketing environment CO1b- Illustrate the various concept related to marketing Segmentation, targeting and positioning	1	2	2	3	3
			100%	MBA BA 201 CO2	CO2- Analyse the concept of Marketing mix and understand role of distribution channels in Marketing	0	1	1	0	2
			100%	MBA BA 201 CO3	CO3- Comprehend the role of promotion mix in marketing.	2	2	0	2	1
			67%	MBA BA 201 CO4	CO4-Evaluate and Identify the Various aspect of digital marketing and Retailing	0.666666667	1.333333	0	1.333333	2

				100%	MBA BA 202 CO1	CO1a: Learn the general concepts of supply chain, operations, plant location and layout planning CO1b: Understand the concepts of forecasting, production planning and capacity planning	3	0	3	3	2
				100%	MBA BA 202 CO2	CO2: Learn the concepts of aggregate planning and inventory management	0	0	0	0	0
				100%	MBA BA 202 CO3	CO3: Analyze the network design, logistics management of a firm and purchasing & vendor management	3	2	3	2	2
				100%	MBA BA 202 CO4	CO4: Understand the recent issues in supply chain management and role of IT in supply chain	3	2	3	2	3
				100%	MBA BA 203 CO1	CO1a: Understand the fundamentals, various models and agency problems of Corporate Finance. CO1b: Acquire knowledge about various aspects of cost of capital and capital budgeting techniques for analyzing long-term projects.	3	3	2	1	2
				100%	MBA BA 203 CO2	CO2: Acquaint with the various capital structure theories and practicality of leverage in the context of business.	3	3	1	2	2
				100%	MBA BA 203 CO3	CO3: Comprehend various dividend models and its applicability	3	3	1	1	1

				100%	MBA BA 203 CO4	CO4: Familiar with the concept of working capital and its management	3	3	3	2	2
				100%	MBA BA 204 CO1	CO1a: Gain knowledge about basic concepts of Machine Learning CO1b: Identify machine learning techniques suitable for a given problem	3	1	2	2	3
				100%	MBA BA 204 CO2	CO2: Understand decision tree and ANN techniques for solving the real problem in machine learning	3	2	3	2	2
				100%	MBA BA 204 CO3	CO3: Apply the bayes algorithms to in business problem.	3	3	3	3	3
				67%	MBA BA 204 CO4	CO4: Understand the unsupervised learning techniques and their algorithm for solve the business problem.	1.333333333	2	2	2	1.333333
				100%	MBA BA 205 CO1	CO1a: Develop an understanding of the concepts of HRM and essential skill sets required to become HR professional. CO1b: Contribute to the implementation and evaluation of plans related to employee recruitment, selection, training, retention, and appraisal processes in an organization.	3	3	2	2	2
				100%	MBA BA 205 CO2	CO2: Integrate the knowledge of HR concepts to take the best managerial decisions.	3	3	3	2	1

				100%	MBA BA 205 CO3	CO3: Design rationally the salary and compensation structure.	3	3	3	2	2
				100%	MBA BA 205 CO4	CO4: Create pay slip, offer letter, develop and use HR Metrics and write Job Advertisements.	2	3	3	3	2
				100%	MBA BA 206 CO1	CO1a: Know and understand the various techniques of Decision making Environments. CO1b: Define, Sketch and Apply LP technique to translate a real-world problem.	3	2	3	3	2
				100%	MBA BA 206 CO2	CO2: Demonstrate and Solve game and sequencing problems.	3	2	3	2	2
				100%	MBA BA 206 CO3	CO3: Understand the concept of Queuing System and identify variations using SQC tools.	3	2	3	2	2
				67%	MBA BA 206 CO4	CO4: Familiar with the concept of replacement theory and CPM PERT.	2	1.333333	2	1.333333	1.333333
				100%	MBA BA 207 CO1	CO1: Students will acquire proficiency in R programming, encompassing constructs, control statements, and string functions, and apply this knowledge to effectively employ tools, techniques, and algorithms for solving business problems.	3	3	3	2	1

					Course	Course Outcomes					
				100%	MBA BA 208 CO1	CO1: Grasp the concepts of Database Management Systems, ER-Models, relational databases, and practical tools for data management with demonstrating their comprehension and application skills.	3	2	3	0	0
				100%	MBA BA 209 CO1	CO1: Students will both grasp the concept of data analysis with Python and apply and demonstrate their knowledge of Python tools through practical reports.	3	2	3	1	1
				100%	MBA BA 301 CO1	CO1a: Understand Big Data and its Business Implications CO1b: Elaborate the components of Hadoop and Hadoop Eco-System	3	2	1	3	1
				100%	MBA BA 301 CO2	CO2: Demonstrate the Process Data on Hadoop Distributed File System	2	3	2	2	1
				100%	MBA BA 301 CO3	CO3: Explain Job Execution in Hadoop Environment	3	3	3	2	2
				100%	MBA BA 301 CO4	CO4: Analyse Big Data Solutions using Spark	3	3	2	3	2
				100%	MBA BA 302 CO1	CO1a: Understand the conceptual foundations of research. CO1b: Describe sampling design and recognize various tools of measurement of data.	2	1	3	3	3

				100%	MBA BA 302 CO2	CO2: Identify and analyze the essential features of data preparation.	3	2	3	2	3
				100%	MBA BA 302 CO3	CO3: Describe and demonstrate the predictive analytics, namely, the regression technique.	2	3	2	2	2
				100%	MBA BA 302 CO4	CO4: Define and understand the various multivariate techniques.	3	3	2	2	3
				100%	MBA BA 303 CO1	CO1a: Understand the application and methods of consumer research CO1b: Acquire the knowledge of individual determinants of consumer behaviour	3	2	3	3	2
				100%	MBA BA 303 CO2	CO2: Understand the facets of group dynamics with reference to consumer behaviour	3	3	2	3	3
				100%	MBA BA 303 CO3	CO3: Comprehend the communication and consumer decision-making process.	3	2	3	3	3
				100%	MBA BA 303 CO4	CO4: Describe various models of consumer behaviour and application of CB in industrial settings	3	3	3	3	3
				100%	MBA BA 304 CO1	CO1a: Understand the role of web analytics within the digital marketing landscape CO1b: Identify, define and interpret commonly used web metrics and KPIs	2	2	1	2	3
				100%	MBA BA 304 CO2	CO2: Understand analytical methods to transform social media data into marketing insights	2	2	2	2	2

			100%	MBA BA 304 CO3	CO3: Understand how to effectively use insights to support website design decisions, campaign optimization, search analytics	2	2	2	2	2
			100%	MBA BA 304 CO4	CO4: Analyse unstructured data such as Social Media comments, customer reviews to understand the sentiments of the customers.	1	2	2	2	2
			100%	MBA BA 305 CO1	CO1a: Understand the concept, need of Financial Analytics and time value of money. CO1b: Possessing knowledge of Financial Market Structures, Asset pricing theories and the optimal portfolio	3	2	0	2	0
			100%	MBA BA 305 CO2	CO2: Applying Volatility and Risk Model for forecasting	3	3	3	0	2
			100%	MBA BA 305 CO3	CO3: Analysing Risk Measurement technique for financial Institution.	3	3	2	0	0
			67%	MBA BA 305 CO4	CO4: Estimate derivative price and interoperating different issues in International Finance.	2	0	0	1.333333	1.333333

				100%	MBA BA 306 CO1	CO1: Students will comprehend the importance of big data analytics, Hadoop architecture, data analysis techniques, and demonstrate their knowledge by implementing various file management tasks within the Hadoop framework.	3	3	2	1	1
				100%	MBA BA 307 CO1	CO1: Students will grasp practical concepts of data visualization and storage and demonstrate their knowledge by using Python libraries and PowerBI for effective data visualization.	3	3	2	0	0
				100%	MBA BA 308 CO1	CO1: Students will acquire practical understanding of management concepts to enhance employability skills and demonstrate their knowledge and experience gained during training.	3	3	2	3	3
				100%	MBA BA 401 CO1	CO1a: Develop the skills and qualities required to be a successful entrepreneur. CO1b: Understand the theories of entrepreneurship and the challenges faced by women and rural entrepreneurs.	3	1	2	3	2
				100%	MBA BA 401 CO2	CO2: Learn about creating entrepreneurial venture and feasibility studies in project development.	3	1	3	3	3

				100%	MBA BA 401 CO3	CO3: Analyze and compare the different funding agencies available for training and funding new enterprises.	3	3	3	2	2
				100%	MBA BA 401 CO4	CO4: Analyze and compare the different entrepreneurial agencies available for the growth of Entrepreneurship in India.	3	1	3	2	3
				100%	MBA BA 402 CO1	CO1a: Identify and resolve security issues in networks and computer systems to secure any public or private organization CO1b: Understand the concept of Cyberspace and Regulation of cyberspace	3	3	2	2	2
				100%	MBA BA 402 CO2	CO2: Apply the branches of law, jurisdictional boundaries and cybersecurity law enforcement.	2	3	1	2	3
				100%	MBA BA 402 CO3	CO3: Analyze the concept and impact of E-commerce on business models and strategy	2	1	1	3	2
				100%	MBA BA 402 CO4	CO4: Recommend a legal defence against data breaches or cybercrime civil or criminal proceedings	2	2	2	3	3
				100%	MBA BA 403 CO1	CO1a: Understand the basics of Capital Market CO1b: Analyze the risk and return of Securities	2	2	2	1	2
				100%	MBA BA 403 CO2	CO2: Apply the Fundamental and Technical Indicators to predict Stock Market trends	2	3	3	3	3

				100%	MBA BA 403 CO3	CO3: Demonstrate the Modern Portfolio Management and its application in portfolio selection	3	2	3	1	1
				100%	MBA BA 403 CO4	CO4: Assess portfolio revision technique and portfolio performance	2	1	2	1	2
				100%	MBA BA 404 CO1	CO1a: Understand various marketing models and metrics CO1b: Demonstrate Competitive analysis	3	3	3	2	1
				100%	MBA BA 404 CO2	CO2: Explain Price analytics	3	3	3	2	1
				100%	MBA BA 404 CO3	CO3: Understand Promotion analytics	3	3	2	3	1
				100%	MBA BA 404 CO4	CO4: Understand Sales analytics	2	3	2	2	2
				100%	MBA BA 405 CO1	CO 1a: Introduces the theory, concepts, and business application of human resources data, metrics and systems. CO 1b: Business application of human resources research, data, metrics, systems, analyses, and reporting.	3	3	3	3	2
				100%	MBA BA 405 CO2	CO2: Examine actual business cases and apply problem solving and critical thinking skills through group case studies	3	3	3	3	2
				100%	MBA BA 405 CO3	CO3: Understand the application of quantitative and qualitative analysis to understand trends and indicators in human resource data.	2	3	3	3	2

			100%	MBA BA 405 CO4	CO4: Apply quantitative and qualitative analysis to understand trends and indicators in human resource data.	2	3	3	3	2
			100%	MBA BA 407 CO1	CO1: Students will comprehend the relevant fundamentals of predictive analytics and employ various methods to analyze and interpret data effectively.	3	2	3	1	1
					SUM	239.3333333	210	212.3333	191.3333	188
					PO Attainment %	96%	97%	97%	97%	96%
					PO Attainment out of 3	2.9	2.9	2.9	2.9	2.9
					Ditect Attainment (80% Weightage)	2.3	2.3	2.3	2.3	2.3