



**Shri Shivaji Education Society, Amravati's**  
**Dhanwate National College**

**Congress Nagar, Nagpur**

**Established in 1932**



**College with Potential for Excellence Status by UGC, New Delhi**  
**Recognized Centre for Higher Learning and Research**  
**Institutional Member of Asia Pacific Quality Network, Shanghai**  
**Accredited 'B+' Grade, CGPA 2.53 by NAAC Bangalore**

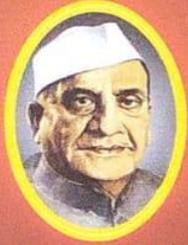


**4<sup>th</sup> Cycle**  
**Assessment & Accreditation by NAAC**

**CRITERION II - TEACHING-LEARNING AND EVALUATION**

**2.6 - Student Performance and Learning Outcomes**

**2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.**



**Dr. Panjabrao alias  
Bhausaheb Deshmukh**  
Founder President



Estd. 1935

Shri Shivaji Education Society, Amravati's (Regd. No. F. 89)  
**DHANWATE NATIONAL COLLEGE**  
Congress Nagar, Nagpur.

'College with Potential for Excellence' (C.P.E.) By U.G.C. Delhi  
NACC ACCREDITED 'B+' GRADE, CGPA 2.53  
RECOGNISED CENTER FOR HIGHER LEARNING AND RESEARCH  
INSTITUTIONAL MEMBER OF ASIA PACIFIC QUALITY NETWORK, SHANGHAI

Hon. Shri Harshwardhan P. Deshmukh  
President

Dr. J. D. Wadate  
M. Com., M. Phil., Ph.D.  
Principal

No./DNC / 248/2021-2022

Date : 30 / 05 / 2022

### Self Declaration

This is to certify that, the information, report true copies of the supporting documents, numerical data and weblinks furnished in this file are verified by IQAC and the head of the institution and found correct.

Hence this certificate is issued.

**Dr. K.D. Meghe**  
IQAC Coordinator



**Dr. J.D. Wadate**  
Principal

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**2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.**

## Program Specific Outcomes

### Department of Commerce

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Name of Program: Master of Commerce

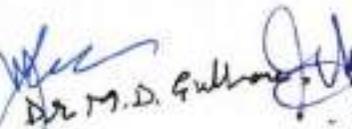
No. of Courses: 16

Graduate Attributes: Disciplinary Knowledge, Critical Thinking, Problem Solving, Analytical Reasoning,  
Communication Skills, Teamwork, Moral and Ethical Awareness.

	Graduate Attribute	Program Specific Outcomes
PSO1	Disciplinary Knowledge	The student will be able to develop aptitude to manifest wide and extensive knowledge in the field of commerce.
PSO2	Critical Thinking	The student will be able to think critically for solving various problems pertaining to the management.
PSO3	Problem Solving	The student will be able to develop analytical ability to cope with complex problems.
PSO4	Analytical Thinking	The student will acquire ability to evaluate the reliability and relevance of evidence, identify logical flaws and holes in the arguments, analyze and synthesis data, draw valid conclusion and support them with evidence and examples.
PSO5	Research Related Skills	The student will be able to problemtize and formulate research questions and to identify and consult relevant sources to find answers.
PSO6	Communication Skills	The student will communicate with others using appropriate media, confidently share one's views and express himself/herself.
PSO7	Co-operation/ Teamwork	The student will be capable of working effectively of working in diverse working condition as a team.

  
Sanjay Karishwar

  
Dr. S. B. Dogle

  
Dr. M. D. Gulkar

  
Dr. R. Ashikar

PS08	Scientific Reasoning	The student will be able analyze, interpret and draw conclusion from quantitative/qualitative data for applying Scientific reasoning.
PSO9	Reflective Thinking	The student will be able to identify the relevance and importance of ideas.
PS10	Information/ Digital literacy	The student will be able to communicate and work more efficiently.
PS11	Self-directed Learning	The student will be able to learn effective time management and an ability to work independently.
PS12	Community Engagement	The student will be able to involve connections, interactions, participation and involvement, designed to achieve or elicit an outcome at individuals, organization or social levels.
PS13	Professionals Skills	The student will be able to classify, simple, compound and complex document related to Financial, cost and management accounts.
PS14	Lifelong Learning	The student will able to use of both formal and informal learning opportunity throughout people's lives in order to foster the continuous development and improvement of the knowledge and skills needed for employment and personal fulfillment.
PS15	Environmental Awareness	The student will be able to use environmental resources with care and protect them from degradation.



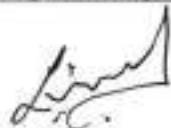


## PROGRAM MATRIX

NAME OF PROGRAM: **MASTER OF COMMERCE**

LOW CORRELATION: L/1; MODERATE CORRELATION=L/2; HIGH CORRELATION: H/3

COURSE OUTCOMES (Cos)		PROGRAM SPECIFIC OUTCOMES (PSOs)														
	COURSE NAME <b>C-11: Paper-I Advanced Financial Accounting</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able <b>identify</b> and <b>describe</b> different Accounting Standards useful for accounting transactions	M	M	M	L	L				L				M		
CO2	The student shall be able <b>explain</b> the consolidation process and prepare consolidated financial statements based on relevant accounting Standards	H	L	M	L	M	L				M					
CO3	The student shall be able <b>read</b> and <b>analyze</b> consolidated financial statements including accounting policies and other information disclosures.	M	L	M	M		L					M			L	L
CO4	The student shall be able <b>demonstrate</b> the usage and application of Computer Software Accounting.	M	M	M	L	L		L		M				L		
CO5	The student shall be able <b>carry out</b> Fire insurance calculations and Claims settlement process.	H	L	L	M				M				L			
	COURSE NAME: <b>C-12 : PAPER II Indian Financial System</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able <b>identify</b> the role, importance and functioning of the financial market, financial system, financial instruments and financial institutions	M						L			L					L
CO2	The student shall be able <b>evaluate</b> the Banking system in India and its operational formalities	H	L	L			M					L				
CO3	The student shall be able <b>critically analyze</b> the functioning of Life and Non Life Insurance in India and its policies.	M	M	M						L						
CO4	The student shall be able <b>develop</b> the capacity to extrapolate the	H	H	L		M			M					L		





	functions of Important Intermediaries and Regulatory bodies like Stock Exchanges, Rating agencies, SEBI, RBI etc in Financial System.																
CO5	The student shall be able <b>classify</b> different types of Financial Markets and instruments	M	M	L	L		L			L		M				L	
	<b>COURSE NAME: C-13 :PAPER-III MANAGERIAL ECONOMICS</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
CO1	The student shall be able <b>understand</b> economies of scale, diseconomies of scale, economies of scope, and cost complementarities, and how each affects the cost of production, the four basic market models of perfect competition, monopoly, monopolistic competition, and oligopoly, and how price and quantity are determined in each model	M	M	L					L				M			L	
CO2	The student shall be able <b>calculate and interpret</b> price elasticity, income elasticity and cross-price elasticity of demand and will also be able examine the uses and abuses of demand forecasting techniques, explicate the gross domestic product using expenditure and income approaches and given the details about a phase of the business cycle.	H	M	M	L		L				L				M		
CO3	The student shall be able <b>measure</b> the responsiveness of consumers' demand to changes in the price of a good or service, the price of other goods and services, and income.	H	M	L		M	L					L				L	
CO4	The student shall be able <b>derive</b> the equilibrium conditions for cost minimization and profit maximization.	H	L	L						M			L				
CO5	<b>To Determine</b> how prices work in markets, how market participants benefit in the form of consumer surplus and producer surplus, and what the consequences of government intervention are.	M													L		
	<b>COURSE NAME: C-14 :Paper-IV Marketing Management</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
CO1	The student shall be able <b>formulate</b> a marketing plan including marketing objectives, marketing mix, strategies, budgetary considerations and evaluation criteria	M	M	M	L	L				L				M			
CO2	The student shall be able <b>analyse</b> pricing strategies that take into account perceived value, competitive pressures and corporate objectives and also formulate strategies for the efficient distribution of products and services.	H	L	M	L	M	L				M						
CO3	The student will be <b>competent and reliable</b> for making different	M	L	M	M		L						M			L	L

	distribution channel options and their suitability for the company's product.															
CO4	The student will be <b>capable of using digital technology</b> for promotion mix (advertising, sales promotion, public relations, personal selling, and direct marketing etc.) for the product.	M	M	M	L	L		L		M					L	
CO5	The student shall be able <b>formulate</b> a marketing plan including marketing objectives, marketing mix, strategies, budgetary considerations and evaluation criteria	H	L	L	M					M				L		
	<b>COURSE NAME: C-21 : Paper –I Research Methodology</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The Students will have an <b>ability of intensive research</b> to problematize and formulate research questions and to identify and consult relevant sources to find answers upon successful completion of the course.	M	L		L	L				M				L		
CO2	The student shall be able <b>enhance</b> understanding of various kinds of research, objectives of doing research, research process, research designs and sampling.	H	M	L	L	M			L			L				L
CO3	The student shall be able <b>acquire</b> basic knowledge on qualitative research techniques	M	H	M	M	L		M					M			
CO4	The student shall be able <b>knowledge</b> of measurement & scaling techniques as well as the quantitative data analysis.	M	M	H	M	L					L				L	
CO5	The student shall be able <b>understand the logical connections between</b> basics of data analysis-and hypothesis testing procedures and thereby develop the skill of Research report writings.	H	M	M	M	L			L			L		M		L
	<b>COURSE NAME: C22 : Paper –II Advanced Cost Accounting</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able <b>ability to understand basic</b> conceptual framework of cost, the student will be able of identify/ classify different elements/ classification of cost and will be able to prepare cost sheet and prepare quotations for various business proposals.	M	M	L					L				M			L
CO2	The student shall be able <b>develop time management</b> for specific product so as to ascertain cost, volume and profit with the help of Break-even point, Marine of safety, Profit volume ratio, desired profit / desired sales as well as able to evaluate the decision making proposals (suitable product mix / dropping a product line / fixation of selling price / make or buy decisions/Key Factor Analysis).	H	M	M	L		L				L				M	
CO3	The student shall be able <b>ability to classify</b> expenses on the basis of its	H	M	L		M		L				L				L

	nature and estimate cost of operating a service.															
CO4	The student shall be able <b>ability to read</b> and analyze Expenses & Income / Receipt & Payment / Projected Sales, a student will be able to prepare relevant functional level budgets for an organization.	H	L	L					M				L			
CO5	The student shall be able <b>identify</b> the standard and actual performance with the help of Direct Material and Direct Labour Variances.	M											L			
	<b>COURSE NAME: C-23: Paper –III Cooperation</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able <b>ability to understand</b> the Principles and Importance of Cooperation and Cooperative Movement in India	M	M	M	L	L				L				M		
CO2	The student shall be able <b>demonstrate</b> the functions and working of Cooperative Credit Institution in India	H	L	M	L	M	L				M					
CO3	The student shall be able <b>learn new things</b> which helps in social change and other life affirming endeavours	M	L	M	M		L					M			L	L
CO4	The student shall be able <b>to justify</b> the role of Cooperation in rural Economy	M	M	M	L	L		L		M				L		
CO5	The student shall be able <b>demonstrate</b> and distinguish Globalization & Cooperation	H	L	L	M				M				L			
	<b>COURSE NAME: C-24 :Paper-IV Human Resource Management</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student will be able for the <b>development</b> , implementation, and evaluation of employee recruitment, selection, employee orientation, training, and retention plans and processes.	H	L	M	M	L	L				L				M	
CO2	The student will <b>learn evaluation</b> of the performance management program. Effective coordination between employee and labour relations in both non-union and union environments.	M	M	L	M	M		L				L			L	
CO3	The student shall be able <b>capable of</b> communicating the organization's compensation plan for the well being of others, public safety, legal compliance, health and safety policies and practices.	H	H	M	L	L		L						L		
CO4	The student shall be able <b>analyze</b> the situation and apply it to support the human resources function. Develop, implement, and evaluate organizational development strategies aimed at promoting organizational effectiveness.	M	M	L	H	L				M						M
CO5	The student shall be able <b>communicate</b> the human resources component of the organization's business plan. Conduct research, produce reports, and recommend changes in human resources practices.	H	H	M	L	L	L					M		L	M	

COURSE NAME: C31: Paper I Advanced Management Accounting		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able <b>demonstrate</b> functions and importance of management accounting from the financial statements by performing Ratio analysis and comment on the performance of the firm.	M	M	L					L				M			L
CO2	The student shall be able to <b>understand</b> managerial accounting terminology, principles, and practice. Recognize managerial accounting issues and how they differ from financial accounting issues. Analyze decision situations to determine appropriate information needs.	H	M	M	L		L				L				M	
CO3	The student shall be able <b>apply</b> problem solving skills for product cost using a variety of cost methods or by classifying costs.	H	M	L		M		L				L				L
CO4	The student shall be able <b>determine</b> the effect on profit by evaluating possible courses of action and reviewing the results.	H	L	L					M				L			
CO5	The student shall be able <b>formulate</b> budgets for future financial results. Read and create budgets, managerial cost reports and variance analysis. Understand and articulate the assumptions and implications inherent with information in different managerial accounting reports.	M												L		
COURSE NAME: C32: Paper II Statistical Techniques		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able <b>apply</b> and calculate measures of location and measures of dispersion –grouped and ungrouped data cases.	M	L	L						M					L	
CO2	The student shall be able <b>build</b> discrete and continuous probability distributions to various business problems.	H	M	L		M						L		L		M
CO3	The student shall be able <b>learn</b> non-parametric test such as the Chi-Square test for Independence as well as Goodness of Fit.	M	M	L	L	M			M							L
CO4	The student shall be able <b>perform</b> Test of Hypothesis as well as calculate confidence interval for a population parameter for single sample and two sample cases. Understand the concept of p-values.	H	M	L		L		M			M		M			
CO5	The student shall be able <b>analyze and interpretate</b> the results of Bivariate and Multivariate Regression and Correlation Analysis, for forecasting and also perform ANOVA and F-test.	L	M	M	L		M							L		
COURSE NAME: F33: Paper III Direct Tax		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able to <b>understand</b> the provisions and procedure for Computation of Income from profession.	M	M		L	L									L	
CO2	The student shall be able <b>ability</b> to compute capital gain.	H	M	L		L			L				L			
CO3	The student shall be able <b>capable</b> to understand the provisions and	M	H	M	L	H					L					M

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Dr. P. D. Gadhane

	procedure of Chapter VI A Deduction, Clubbing of Income Set-off and carry forward of losses.															
CO4	The student shall be able <b>evaluate</b> the provisions and procedure of Computation of tax liability for individual & company.	M	L	M	L	L		L				L				
CO5	The student shall be able <b>keeping</b> knowledge about the changes in tax rates														L	
	<b>COURSE NAME: F33: Paper III Computer Application in Commerce</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able to <b>observe</b> and experience the main activities of Internet Services and applications.	M	L		L	L				M				L		
CO2	The student shall be able <b>demonstrate</b> the working of Word Processing	H	M	L	L	M			L			L				L
CO3	The student shall be able <b>construct</b> the Spread Sheets & its Business Application	M	H	M	M	L		M					M			
CO4	The student shall be able <b>capable</b> of using Computerized Accounting with Tally	M	M	H	M	L					L				L	
CO5	The student shall be able <b>enhance</b> research related skills for future references.					L										
	<b>COURSE NAME: PAPER I ACCOUNTS AND STATISTICS</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The Students will be able to <b>perform</b> calculations based on elementary statistics and accountancy	M	M	L		H				L				L		L
CO2	The student shall be able <b>prepare</b> the financial statements and <b>calculate</b> the profit or loss of a firm as at the end of the financial year.	H	M	L	M	L			L			M		L		
CO3	The student shall be able <b>understand</b> the basics of Book Keeping and Accountancy, principles of Accounting, Accounting Concepts and Conventions, Rules of Double Entry System, Preparation of Journal and Ledger, Subsidiary books, Cash Book.	M	H	H	L	M		L			M			L		
CO4	The student shall be able <b>calculate</b> Measures of Central Tendency, Collection of Data, Tabulation, Classification and Frequency Distribution.	M	L	L	M		L						L		L	
CO5	The student shall be able <b>learn</b> Methods of measuring dispersion, Mean Deviation, Standard Deviation, Quartile Deviation, co-efficient of variation.	M	M	L		M			L			L				M
	<b>COURSE NAME: Paper II MANAGERIAL SKILLS – I</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able <b>facilitate</b> students' understanding of their own	M		M			L			M					L	

	managerial skills and improve communication skills.															
CO2	The student shall be able <b>express</b> thoughts and ideas from the management experience.	H	M	M		L	L					L				L
CO3	The student shall be able <b>incorporate</b> feedback on decision-making practices, conflict resolution skills, and teamwork behaviors with the support of a team-based coach.	M	M	L	L			L		H			L			M
CO4	The student shall be able <b>communicate</b> among various levels of organizational, remove communication barriers.	H	L	M	L	L	L							L		
CO5	The student shall be able <b>classroom discussion</b> and formal presentations render a suitable opportunity to sharpen verbal and non-verbal communication ability.	M		M	M	L	L		L						M	L
	<b>COURSE NAME: E34: Paper IV Entrepreneurship Development</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able <b>understand</b> different methods to assess the attractiveness of business opportunities.	H	M	M		L			L					L		L
CO2	The student shall be able <b>develop</b> Entrepreneurial Skills for commercial application of innovations convert it in business idea.	M	H	M	L	L					L				M	
CO3	The student shall be able <b>identify</b> key risks and the most effective processes in bringing different types of products or services to market	M	L	M		H		M					L			
CO4	The student shall be able <b>enhance</b> personal attributes that enable best use of entrepreneurial opportunities explore entrepreneurial leadership and management style.	L	L		M					M						L
CO5	<b>Enhance</b> understanding of the world and provide better opportunities of employment.	H	L	M		H	M					M				L
	<b>COURSE NAME: E34: Paper IV Service Sector Management</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able to <b>understand</b> the Importance of Service Sector like Aviation Industry, Transportation Industry, Hospital Management, Housing and Construction, Hospitality, BPO, KPO Industry.	M	L		L				L					L		
CO2	The students will be able to <b>analyze</b> concepts, functions, and techniques of the craft of service marketing services and will also be able to <b>identify</b> critical issues in service design & delivery.	H	M	M		M				L			L			
CO3	The students will be able to <b>Demonstrate</b> IT industry and its trends, role and importance of ITES	H	L	L	M						M					L
CO4	The student shall be able <b>develop</b> Services Quality Management in	M	M	L		H			L							L

	services sector.															
CO5	The student shall be able <b>managing</b> service delivery Challenges of Distribution Channels and Planning in services.	H	L	M	L			M				L				
	<b>COURSE NAME: C41: Paper I International Business Environment</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	Students Should be able to <b>perceive</b> various concepts involved in International Business Environment and various concepts like international liquidity and SDR	M						L			L					L
CO2	Students Should be able to <b>evaluate</b> the global business environment in terms of economic, social and legal aspects and strategies adopted by firms to expand globally.	H	L	L			M					L				
CO3	Students should be able to <b>examine</b> risks involved in foreign trade and ways to manage the risks.	M	M	M							L					
CO4	Students should be able to <b>understand</b> management of short term finance in Multinational corporations and international financing decisions including funding and borrowing decisions	H	H	L		M			M					L		
CO5	Students should be able to <b>understand</b> and <b>elaborate</b> structure of International banking, various concepts involved in export documentation, export procedures and contracts.	M	M	L	L		L			L		M				L
	<b>COURSE NAME: Paper I Current Trends in Digital Commerce</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	Students should be able to <b>acquire</b> a good knowledge of e-commerce, both the technical and business aspects	M									L					
CO2	Students should be able to <b>understand</b> the principles and practices of e-commerce and its related technologies	M									L					
CO3	Students should be able to <b>design and implement</b> a basic e-commerce application.														L	
CO4	Students should be able to <b>study</b> trends of e-commerce; build up on team work, presentation and technical writing skills.	M														
CO5	Students should be able to <b>learn</b> digital devices and their application in business.					L										L
	<b>COURSE NAME: Paper II Indirect Taxes</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	Students should be able to <b>understand</b> the purpose of GST, Need of GST and registration procedure Amendment, Cancellation and revocation of cancellation of registration.	M		H			L									
CO2	Students should be able to <b>understand</b> the basic knowledge of Input	M		H			L									

	Tax Credit, meaning of Reverse Charge Mechanism (RCM), Returns and Challan, there due dates under GST and Computation of GST.															
CO3	Students should be able to <b>understand</b> basic concept of custom duty, classification of goods, valuation of goods, levy and exemption of custom duty and problems relating to customs duty.	M		H					M							
CO4	Students should be able to <b>describe</b> the transaction types which are related to VAT, types of transaction which are subjected to VAT; indicate VAT application, differentiation of application and VAT compliance and attendance also computation of VAT liability.			H				M				L				
CO5	Students should be able to <b>learn</b> how to calculate Input Tax Credit, Output Tax and Custom duty.	M		H												
	<b>COURSE NAME: F43: Paper-III INDIRECT TAX</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	Students should be able to <b>understand</b> the purpose of GST, Need of GST and registration procedure Amendment, Cancellation and revocation of cancellation of registration.	M		L												
CO2	Students should be able to <b>understand</b> the basic knowledge of Input Tax Credit, meaning of Reverse Charge Mechanism (RCM), Returns and Challan, there due dates under GST and Computation of GST.	H		L					M							L
CO3	Ability to <b>understand</b> the basic concept of custom duty, Definition and concepts classification of goods, valuation of goods, levy off and exemption of custom duty.	H	M						M				L			
CO4	<b>Capability</b> to use different types Forms issued for transfer of goods etc.			L												
CO5	<b>Apply</b> problem solving skills for service tax liability, payment and recovery of service tax.	H	M	M	L				L			L				
	<b>COURSE NAME: F43: Paper-III OPERATIONS RESEARCH</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able <b>identify</b> and develop operational research models from the verbal description of the real system	M														
CO2	The student shall be able <b>understand</b> the mathematical tools that are needed to solve optimization problems.	M		L												
CO3	The student shall be able <b>well developed</b> mathematical software to solve the proposed models.	M		L												
CO4	The student shall be able <b>prepare</b> report that describes the model and the solving technique, analyze the results and propose recommendations which help in decision-making processes.			L										L		

CO5	The student shall be able <b>develop</b> Time and Cost management.											L				
	<b>COURSE NAME: F44: PAPER – II ACCOUNTS AND STATISTICS</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	To <b>understand</b> the statutory provisions regarding preparation of companies final accounts. Provision for interest on debentures, Proposed Dividends, Interim Dividend.	H				M						L		L		
CO2	To <b>understand</b> the meaning of banking companies, Functions of Banking, Restrictions for a Banking Company, Provision of the Banking Companies Regulation Act, 1949 and Preparation of Annual accounts.	H			M				L					L		
CO3	To <b>know the concept</b> of correlation, types of correlation, Karl Pearson's coefficient of correlation in Bivariate frequency table, probable error and its practical implications.	M								L						
CO4	To <b>understand</b> the concept index number, Uses, types, Methods and Test of consistency of Index No.	M														
CO5	<b>Ability</b> to solve complex problems	M												L		
	<b>COURSE NAME: MANAGERIAL SKILLS – II</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able to <b>understand</b> the Methods of Introspection – SWOT analysis, Johari Window, Transactional analysis Individual Peculiarities – Life Positions, Personality Types, Defence Mechanisms. Perceptions – perceived risks, Attitude formation, Motivations, Introduction to Personality Assessment and Testing Tools.	M			L						M	M	L		L	M
CO2	The student shall be able to <b>understand</b> role of different Intelligence – Factor Theories and process – oriented theories of intelligence, Emotional Intelligence, managing self and other's emotions.		M			H				L						
CO3	The student shall be able to <b>understand</b> the concept of Self Development– Thinking process, Lateral thinking and Creative thinking, Logical thinking, Learning, Cognitive learning, Social Learning, Experimental Learning.	H	M		M						M			L		
CO4	The student shall be able to <b>understand</b> concept of sale management, Goal setting, Time Management, Stress Management, Conflict Management, resolution techniques, Negotiation skills, Problem solving and decision making skill.	H		L	M											
CO5	The student shall be able to <b>learn</b> Social Skills – Interpersonal	L					L									

	relations, Empathy, Management of Work Life Balance, Foundations of Group Behaviour - group decision making techniques, work teams, virtual teams, Controlling the Group members, Counseling, Setting the example.															
	<b>COURSE NAME: E-44: PAPER-IV E-Commerce</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able to <b>understand</b> the Electronic Commerce and the Trade Cycle.	M	M								L					L
CO2	The student shall be able <b>understand</b> the provisions and procedures of IT Act 2000 and Cyber Crimes	H		M		M					L		L			
CO3	The student shall be able <b>demonstrate</b> the E-payment System	M														
CO4	The student shall be able <b>demonstrate</b> the E-commerce applications in various industries	M				L										
CO5	The student shall be able to <b>learn</b> E-commerce applications in various industries like banking and insurance.	H			M			M				L				
	<b>COURSE NAME: E44: Paper IV Company Law</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able <b>make use of</b> various important provision of company law in trade and commerce	M	L													
CO2	The student shall be able <b>apply and interpret</b> the provisions of Capital, Shares-types and issue management as per companies Act		H		M	L										
CO3	The student shall be able <b>Interpret</b> the provisions and procedural aspects of conducting corporate statutory and non statutory Meetings-Annual General Meetings, Extraordinary General Meetings, and Board Meetings	H	H		L	L										L
CO4	I The student shall be able <b>interpret</b> the provisions of Appointment, Resignation and Removal of Auditor, Directors, Managing Directors, Key managerial personnel				L	L					M					
CO5	The student shall be able to <b>learn</b> corporate management and government regulation for corporate business and winding up of companies.	M														
	<b>COURSE NAME: C- 42 Paper II Project Work</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student will be able to <b>choose an appropriate</b> topic for study and will be able to clearly formulate & state a research problem					H										
CO2	The student will be able to <b>compile</b> the relevant literature and frame hypotheses for research as applicable								L	L						

*Sanjay Kavishwar*

*Dr. S. B. Ingle*

*Dr. M. D. Gulhane*

*Dr. K. Ashitkar*

CO3	The student will be able to <b>plan a</b> research design including the sampling, observational, statistical and operational designs if any.								H	L						
CO4	The student will be able to <b>compile</b> relevant data, interpret & analyze it and test the hypotheses wherever applicable					L										
CO5	<b>Analyze and interpretate</b> the data collected, student will be able to arrive at logical conclusions and propose suitable recommendations on the research problem.		H						M							

*D.S.B Ingle*

Graduate Attribute

Less than 40= Low Correlation; Moderate Correlation= 40 to 80; High Correlation= 80 to 130

*D.A.M.D. Guhan*

*D.R. Ashikar*

*Sanjay Karishma*

1. Discipline Knowledge =  $57/130 = 43.8$  Moderate Correlation
2. Critical Thinking =  $26/130 = 20$  Low Correlation
3. Problem Solving =  $38 /130 = 29.23$  Low Correlation
4. Analytical Thinking =  $18 /130 = 13.8$  Low Correlation
5. Research Related Skills =  $17/130 =$  Low Correlation
6. Communication Skills =  $10 /130 =$  Low Correlation
7. Cooperation/Team Work =  $4/130 = 0.03 =$  Low Correlation
8. Scientific Reasoning =  $5 /130 = 03.8 =$  Low Correlation
9. Reflective Thinking =  $13 /130 = 0.10 =$  Low Correlation
10. Information/ Digital Literacy =  $5/130 = 03.8 =$  Low Correlation
11. Self directed learning =  $4/130 = 03.07 =$  Low Correlation
12. Community Engagement =  $2/130 = 01.54 =$  Low Correlation
13. Professional Skills =  $16 /130 = 12.30 =$  Low Correlation
14. Lifelong Learning =  $11/130 = 08.46 =$  Low Correlation
15. Environmental Awareness =  $4/130 = 03. 08=$ Low Correlation

### Program Matrix

Name of Program: M. A. (Economics)

(Low Correlation = L/1; Moderate Correlation=M/2; High Correlation= H/3)

### Programme Specific Outcomes

#### Domain Specific-

1. Graduates will be able to understand the basic and advance knowledge of economics and develop their critical and analytical thinking.
2. Student will develop capability to demonstrate comprehensive knowledge and understanding of concepts, theories, principles and laws of economics to apply these in real life situations.
3. Student will develop the ability to recognize and predict cause and effect relationship of economic events.
4. Student will instill in them problem solving skills and ability to use ICT with economic bend of mind for continuous development and skill needed for employment.
5. Students will acquire industry ready employment skills and career competencies in economics.
6. Students will get the opportunity to focus on applied and policy issues in Economics.

#### Domain Independent-

7. Students will be able to analyze, interpret data using ICT and express their conclusions in clear and concise manner to different groups.
8. Students will develop their ability to work independently and also in a team to seek solution related to economic issue at local, national and global level.
9. Graduates will inculcate the desire to acquire continuous personal and professional knowledge related to economics using both formal and informal learning opportunities.
10. Students will embrace ethical behavior and appreciate environment and sustainable issues in adherence to the Sustainable Development Goals.

### M.A. Part - I : Semester-I (Core Course)

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
01	Course Name: 1T1: Micro Economic Analysis – I	1	2	3	4	5	6	7	8	9	10
CO1	Acquire a basic understanding of the principles of microeconomics associated with supply and demand in determining market equilibrium and the effects of price controls and elasticity.	H	H	H		L	M			M	

*Seshpaude*  
Dr. Sushra Seshpaude  
BOS Chairman

CO2	Understand the theory of consumer behaviour and choice under risk & uncertainty.	M	M	L			L			L	
CO3	Apply the concept of marginal analysis in order to make optimal choices, and identify whether the choices are efficient or equitable.	M	H	M	L		L	M		M	
CO4	Understand the production function and Compare the costs of production in the short run and long run.	H	H	M	M		L	M		M	
CO5	Identify the characteristics of Perfect Competition market structure and discuss the differences in their operations under differential cost conditions.	H	H				L	M		M	

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 1T2: Macro Economic Analysis I	1	2	3	4	5	6	7	8	9	10
CO1	Identify macroeconomic indicators and measures of economics growth	M	H	H		H	H			L	
CO2	Understand the macro economic theories postulated by various economists	M	H	M		H				H	
CO3	Understand the meaning and role of multiplier and accelerator and its influence on economic policies	M	H	M		L	M		L	L	
CO4	Define money supply, its measurement and methods to control money supply	H	H	M		L	M				

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 1T3: Statistics for Economics – I	1	2	3	4	5	6	7	8	9	10
CO1	Be aware of basic statistical concept and completion of Indian statistics.	H	M			M	L			M	
CO2	Understand concept of descriptive statistics with numerical problem	H	H	M	L	M	H	H		M	

*Sudipanda*

CO3	Compute and interpret the results of Correlation and Regression analysis for forecasting & its application to on socio-economic problems.	H	H	H	M	H	H	L		M	
CO4	Compute and apply discrete and continuous probability distributions to various research problems.	M	H	L	M	M	L	M	L	H	

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
Course Name: 1T4 : Indian Economic Policy I		1	2	3	4	5	6	7	8	9	10
CO1	. Understand the nature and characteristics of Indian economy.	H		H	M		H		H	M	
CO2	To understand status and progress of infrastructure and human development.	H		M	H	L	H	H	H	L	M
CO3	To know the failure & achievements of Indian planning era.	H	L	H	M	H	H		M		
CO4	Critically evaluate the status of agriculture sector		M	H	H	L	M		H	M	

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
Course Outcome : 1T5 : Economics of Infrastructure		1	2	3	4	5	6	7	8	9	10
CO1	Students will be able to Identify the role and importance of Infrastructure in Indian Economy.	H	H	H		H	M			M	
CO2	To understand the role of transport & tourism in India's economic development.	L	L	L			M			L	
CO3	Understand and evaluate current situation of energy, communication & information technology in Indian Economy.	H	H		H		L	L	L	M	
CO4	It will be useful to understand the role of various Social Infrastructure in Indian Economy.	M	M		M		M	L		L	

*Shekhar*

Course Outcome (COs)		Program Specific Outcomes (POs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
		1	2	3	4	5	6	7	8	9	10
<b>Course Outcome : 1T6 : Trade Cycle</b>											
CO1	Understand the concept and phases of trade cycles	H	H				M		L	L	
CO2	Explain the monetary, non-monetary and under consumption theory of trade cycle	H	H	H			M				
CO3	Have knowledge of the econometric model, innovation and modern theory of trade cycles	H	H	H			M		M	M	
CO4	Understand the past World depressions and the policies to manage the trade cycles with their relative effectiveness	H	H	H	H		M	M	H	M	

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
		1	2	3	4	5	6	7	8	9	10
<b>Course Outcome : 1T7 : Regional Economics</b>											
CO1	To understand of the nature & various approaches of regional development	H	H	L		M	M		H		
CO2	Explain the various regional theories and techniques of regional economic analysis.	H	H	M		M	M		H		L
CO3	Discuss regional economic policy & causes of regional disparity	H	H	M		M	M		H		L
CO4	Discuss the significance and challenges of Globalization, Regionalization and regional development indicators	H	H	M		M	M		H		L

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Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
		1	2	3	4	5	6	7	8	9	10
<b>Course Outcome : IT8 : Mathematical Economics</b>											
CO1	Be Proficient in using the mathematics for solving elementary algebra.	H	H				H	M		L	
CO2	Understand the various rules of differentiation and integration	H	H	L		M	H		M		
CO3	Solve matrices and determinants and its use in decision making	H	H	L		M				L	
CO4	Understand the concept of game theory and linear programming for solving economic problems.	H	H				M			M	

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
		1	2	3	4	5	6	7	8	9	10
<b>Course Outcome : IT9 : Industrial Economics</b>											
CO1	Understand the nature of industrial economics and role of industrialization in economic development.	H	H	M		H	M		L	H	
CO2	Understand the various theories & determinants of industrial and imbalance.	H	H		M	H	M		M	H	
CO3	Have knowledge of various concepts of productivity & efficiency and measure to improve it.	H		H	M	L	H		L	M	L
CO4	Understand the measurement of profitability & evaluation of investment decision & methods to measure financial soundness of a firm.	H	H	M	H		L	M	H	L	

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Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
Course Name: 1T10: Public Economics – I		1	2	3	4	5	6	7	8	9	10
CO1	Understand role and functions of the Government in the various economic perspectives and rationales behind various public sector activities.	H		M	M					M	
CO2	Explain the functions of the Musgrave model and theory of public choice, various economic issues related to allocation of resources and solutions to complex economic problems.	H	M		M	M	H	M	L	M	L
CO3	Have knowledge problems of preference revelation mechanism and aggregation of preferences. Theory of Tie-bout model and Club goods. Role of Uncertainty and expectations and formulation of stabilization policy.	H	M	M	H	M	H	M		L	
CO4	Understand the formulation and execution of the Budget, techniques and trends of the budgeting and appropriate economic judgments.	H			H		H	H	M		L

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
Course Outcome : 1T11 : Economics of Education and Health		1	2	3	4	5	6	7	8	9	10
CO1	Understand the importance of human capital, difference between the private and social cost of education.	H		H	M	H	M		L		L
CO2	Review educational development in India and methods used to evaluate education policies.	H		H	H		M		M	H	
CO3	Define determinants of demand and supply of health, pricing of healthcare services and evaluate national health polices	M		M	H	M	H		L	M	
CO4	Understand the status, measurement challenges of health care financing in India	H		H	H	M	H		M	H	L

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Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
		1	2	3	4	5	6	7	8	9	10
<b>Course Outcome : 1T12 : Human Development</b>											
CO1	Understand the concept of Human Development.	H	M	L			L	M		L	H
CO2	Differentiate between the concept of Human Development & conventional concepts like Economic growth, human capital formation, Human Resource development & human welfare.	H	H	M			L	H			L
CO3	Acquire skills and technique of calculation of various indices of Human Development like HDI, HPI, MPI etc.	H	H	H	L	M	M	M		M	
CO4	Assessment of Human Development progress in India.	H	H	M			H	L		M	M
CO5	Evaluate the policy measures for Human Development.	H	H	M	H	L	H	L		L	L

**M.A. Part - I: Semester-II (Core Course)**

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
		1	2	3	4	5	6	7	8	9	10
<b>Course Name: 2T1: Micro Economic Analysis - 2</b>											
CO1	Understand price & output determination under monopoly and monopolistic competition.	H	H	H			L	M			M
CO2	Explain various models of price determination under oligopoly.	M	M	L			L				L
CO3	Understand the distribution of resources in society through the theories of Wage determination, Rent, Interest and Profit.	M	H	M	L		L	M			M
CO4	Explain various welfare theories and critically evaluate.	H	H	M	M		L	M			M M

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Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 2T2: Macro Economic Analysis – 2	1	2	3	4	5	6	7	8	9	10
CO1	Identify reasons for money demand and the theories behind it.	H	H	M	M		H		L		
CO2	Understand the interest rates theories and effectiveness of monetary and fiscal policy	H	H	M	M		H		L	M	
CO3	Learn the theories of inflation and rational and adaptive expectations	H	H	M	M	L	H		L		
CO4	Understand the concept of business cycles, theories and economic tools for tackling business cycles for decision making.	H	H	M	M	L	H		L	M	

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 2T3: Statistics for Economics – II	1	2	3	4	5	6	7	8	9	10
CO1	Classify and design Random and non-random sample and calculate confidence interval for a population parameter for single sample and two sample cases.	H	H	M	M	L		M			
CO2	Learn non-parametric test such as the Chi-Square test for Independence as well as Goodness of Fit and Perform ANOVA and F-test.	H	M	H	M	L	H	L		M	
CO3	Explain the nature and components of time series & its application in forecasting.	H	H	M		L		L			
CO4	Understand both the meaning and application of Index Number with its limitations.	H	H	M	H	L	N	H		M	

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Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 2T4: Indian Economic Policy - II	1	2	3	4	5	6	7	8	9	10
CO1	Understand role of small and cottage industries and discuss trends of industrial product and productivity.	H		H		M			H		M
CO2	Understand the structure and direction of India's foreign trade	H		H	M	L	M	H	M	H	
CO3	Explain the role of financial sector and its contribution	H		M	L	H	H		M	M	
CO4	Discuss the India's economic reform and its impact.	H		H	H	M	M		H	M	L

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 2T5: Agricultural Economics	1	2	3	4	5	6	7	8	9	10
CO1	Understand & explain problems of agricultural marketing in India.	H	H	H		M	M		M	M	
CO2	Discuss problem of Indian farmers indebtedness and institutional finance support to agriculture.	H	H	M			M		M	M	
CO3	Analyse the relationship between farm mechanism, farm size and productivity & issues of food security.	M	M	H	H		H	H	L	H	H
CO4	Awareness of modern theories of agriculture development.	H	M	H	H		H	M		M	M

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 2T6: Urban Economics	1	2	3	4	5	6	7	8	9	10
CO1	Understand the concept, characteristics, process and effects of urbanization and trends of urbanization in India	H	H	H		L	M			M	M
CO2	Appreciate the problems of unchecked urbanization.	H		H			L		M		

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CO3	Understand the concept, principles and process of urban planning, growth of urban population & 21 <sup>st</sup> century urbanization in India.	H	H	H		M	M		M	M	M
CO4	Explain the meaning and theory of urban finance, management and theory of local finance.	H	H	H			M		L		L

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
Course Name: 2T7: Rural Economy and Social Change		1	2	3	4	5	6	7	8	9	10
CO1	Understand nature of rural economy in India and role and status of rural women.	H		H	M		H		H	M	
CO2	Discuss various rural social problem and their remedies.	H	M	M	M	M	H			M	L
CO3	Examine the role and impact of globalization on rural industrialization.	H		H	H	H	H		M	L	M
CO4	Asses the social change in rural India and various rural development programs.	H	M			M	M		M	M	M

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
Course Name: 2T8: Mathematical Economics- II		1	2	3	4	5	6	7	8	9	10
CO1	Be Proficient in using the mathematics for solving elasticity of demand, consumer surplus and revealed preference theory	H	H	M		M		M		L	
CO2	Solve the point of production and cost optimum for the firm using the mathematical models	H	H	M		M				L	
CO3	Analyse the profit maximisation strategies in different market structures	H	H	M		M		L		L	
CO4	Explain the mathematical models for various economic growth theories	H	H	M		M		M		L	

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Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
		1	2	3	4	5	6	7	8	9	10
<b>Course Name: 2T9 : Industrial Economics – II</b>											
CO1	Explain the trend and effectiveness of industrial policies in growth and regional development	H	M	M		H		M	M	M	
CO2	Understand the various sources of industrial finance & its role in industrial development.	H		H	H	M	M		H	H	
CO3	Evaluate the impact of globalization on Indian industrial sector.	H		H	M	H			M	H	M
CO4	Understand the industrial profile of India.	H		H	M	L	M	M		M	

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
		1	2	3	4	5	6	7	8	9	10
<b>Course Name: 2T10: Public Economics - II</b>											
CO1	Understand and explain various theories of taxation.	H		M	M					M	
CO2	Understand different theories related to public expenditure & role of public expenditure to achieve economic stability and social cost benefit analysis.	H	M		M	M	H	M	L	M	L
CO3	Define concept of public debt, its types and sources. Debt management and redemption along with its impact on economy.	H	M	M	H	M	H	M		L	
CO4	Discuss role and impact of fiscal policy. Economic issues related to the fiscal imbalance & importance of the finance commissions.	H		M	H		H	H	M		L

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
		1	2	3	4	5	6	7	8	9	10
<b>Course Name: 2T11: Environmental Economics</b>											
CO1	Understand basic concepts, nature and scope of environmental economics.	H	H	M	L		L	L		L	H

*Shekhar*

CO2	Explain linkages between Economic development, Population and Environment, Poverty and the Environment also discuss why market failures about environment and how to internalize environmental externalities.	H	H	H	M		L	M		L	M
CO3	Critically examine the environmental issues related to Agricultural and industrial development, SEZ and international trade.	H	H	H	M		H	L		L	L
CO4	Discuss environmental problems and policy measures.	H	H	H	M	L	M	M	L		H

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
Course Name: 2T12: History of Economic Thought		1	2	3	4	5	6	7	8	9	10
CO1	Understand and explain pre-admit economic thoughts	H	H	L			M			H	
CO2	Critically examine the economic thoughts of classical economist.	H	H	M			L		L	M	
CO3	Critically analyse modern economic thoughts.	H	H	M			M		M	M	
CO4	Have a historical consciousness of economic ideas.	H	H	M			M		L	M	

**Program Matrix**

Name of Program: M. A. (Economics)

(Low Correlation = L/1; Moderate Correlation=M/2; High Correlation= H/3)

**M.A. Part - II: Semester-III (Core Course)**

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
Course Name: 3T1: Economics of Growth and Development-I		1	2	3	4	5	6	7	8	9	10
CO1	Acquire a basic understanding of the concepts, Index, issues and on-going debates on development economics.	H	H	M	L		H	M		L	L
CO2	Apply an analytical framework to understand the important structural characteristics of development	H	H	H	L	M	H	M		L	

*Seshpaude*

CO3	Understand the issues of modern economic growth & income inequalities.	H	H	M	M			M	L	M	
CO4	Discuss the important models and theories in economic development and their policy implications	H	H	M	M			M	M	M	L

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)						Domain Independent (PO)			
	Course Name: 3T2: International Trade and Finance - I	1	2	3	4	5	6	7	8	9	10
CO1	Understand important classical, neo classical and modern theories of international trade.	H	M	L						M	
CO2	Have knowledge recent development in the theories of the international trade.	H	H	L			M		M	H	
CO3	Explain the concept of what terms trade and gains from the trade & relevance for developing nation.	H		H			M	M			
CO4	Explain the impact of trade on various economic activities and growth with technical progress.	H	M	M			H	M	M	M	L

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)						Domain Independent (PSO)			
06	Course Name: 3T3 : Financial Institutions & Markets-I	1	2	3	4	5	6	7	8	9	10
CO1	Have knowledge of the structure and functions of financial system, reforms in the Indian financial system.	H		H	H		H			H	
CO2	Understand interest rate determination, its structure & trends of interest rate in India.	H	H	M	M	M	H	H	H	M	
CO3	Explain Indian banking structure issues before commercial & co-operative banks & recent monetary policy development.	H		M	H	M	M	M	M	M	
CO4	Appreciate types and role of investment instruments, development banks, NBFCs & insurance in India.	H		H	M	H	M		M	M	

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Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)						Domain Independent (PO)			
	Course Name: 3T4: Gender Economics	1	2	3	4	5	6	7	8	9	10
CO1	Understand issues in women & labour markets, wage differentials in female labour force & its structure determinants.	H	H	H			M			M	
CO2	Understand the women's decision making power and factors affecting decision making power of women.	H	H	H			H				
CO3	Understand and evaluate major issues of social security and social protection for women in India.	H	M	M			M		M	M	
CO4	Understand explain gender planning, gender & development indices & contribution women in national income.	H		H		L	M		M	M	

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)						Domain Independent (PSO)			
	Course Name: 3T5 : Labour Economics	1	2	3	4	5	6	7	8	9	10
CO1	Understand the basic mechanism of the labour market, theories, impact of globalisation and problems of labour market.	M	H	H		M			M	L	H
CO2	Describe the concept of Employment, Unemployment & the Schemes of the government for tackling of unemployment	H	H	M		M			M	L	
CO3	Explain the Wage Theories & their Determination and role of wage boards and collective bargaining	H	H	M		M			M	L	
CO4	Describe the Industrial Relations in India and the role of labour unions and ILO	M	H	M		H	M		M	L	H

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Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 3T6: Poverty and Income Distribution	1	2	3	4	5	6	7	8	9	10
CO1	Acquire a basic understanding of the concepts of Poverty and Income distribution and its different measurements.	H	H	M	L			L		L	
CO2	Understand the relationship of growth, poverty & income distribution along with characteristics of high poverty group.	H	H	H	L		M	H		L	
CO3	Discuss measurement of poverty and income inequality globally and trends in income inequality and poverty in the India as well as in the world.	H	H	H	L	L	H	M		L	
CO4	Analyses Policy Options on Income Inequality and poverty interpret their implications and study the effectiveness of government policies for it.	H	M	H	L		M	L		L	H

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 3T7: Basic Econometrics	1	2	3	4	5	6	7	8	9	10
CO1	Understand the basic concept and scope of Econometrics. Analyze the simple linear regression model and R square	H	M	L	H		L		M	L	L
CO2	Compute basic problems of the regression analysis and procedure to overcome it	H	M	L	H	H	H	H	M	H	
CO3	Understand the concept and application of dummy variable technique.	H	M	L	H	H	H	H	M	H	
CO4	Formulate lagged and distributed lagged modelling.	H	M	L	H	H	H	H	M	H	

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	Course Outcome (COs)	Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)						Domain Independent (PSO)			
		1	2	3	4	5	6	7	8	9	10
	<b>Course Name: 3T8: Economics - I</b>										
CO1	Understand the concepts of micro economics such as demand analysis, ordinal & cardinal approach & production & cost analysis.	H	H	H			M			M	
CO2	Have conceptual knowledge of national income, consumption & investment function, business cycle & inflation.	H	H	M			M		M	M	
CO3	Understand the financial market & banking structure in India and its functions.	H	M	M		L	L				
CO4	Analyze the functioning of modern public finance including public revenue and public expenditure and the meaning of budget.	H		M			M			L	L

	Course Outcome (COs)	Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)						Domain Independent (PSO)			
		1	2	3	4	5	6	7	8	9	10
	<b>Course Name: 3T9 : International Monetary System and Finance</b>										
CO1	Students acquire the dominant economic theories of balance of payments & methods to correct disequilibrium in it.	H	H		L		H		M	H	
CO2	Understand the principles & types of exchange rate, determination & function of foreign exchange market.	H	M	M	M		H	H		M	
CO3	Understand the developments in international monetary system & reforms in it, global financial & its effects on world economy.	H		M	H	M	H	M	H	H	
CO4	Have knowledge of external sector policy in India since liberalization & for better understanding of cause & effect relationship.	H		H	M	M	H		M	H	

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	Course Outcome (COs)	Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)						Domain Independent (PSO)			
	Course Name: 3T10: Research Methodology - I	1	2	3	4	5	6	7	8	9	10
CO1	Develop a thorough understanding of the fundamental theoretical ideas and logic of research.	H	H	H			M			M	
CO2	Able to formulate research problem hypothesis & the research process.	H	M	H			M			M	
CO3	Understand the meaning of research & sample design along with knowledge sampling methods.	H	M	M			M	M		M	
CO4	Understand & explain various sources of data & methods of data collection along with merits & demerits.	H	H	H	M	M	L	M	M	L	L

**M.A. Part - II : Semester-IV (Core Course)**

	Course Outcome (COs)	Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)						Domain Independent (PSO)			
	Course Name: 4T1: Economics of Growth and Development-II	1	2	3	4	5	6	7	8	9	10
CO1	Acquire a basic understanding of the concepts, issues and domestic & international measures of economic development.	H	H	H	L		L	L		L	
CO2	Acquire skills and technique of application of Input-Output analysis and Linear Programming in Planning and real worlds various economic issues.	H	H	H	M	M	H	M		L	
CO3	Apply an analytical framework to understand the problems of Poverty & Inequality and policy options.	H	H	M			H	L		L	L
CO4	Able to do assessment of Indian planning.	H	M	H	L		M	L		L	L
CO5	Acquire skills in conducting research related to development issues.	H	H	H	M	H	H		M	M	

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	Course Outcome (COs)	Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 4T2: International Trade and Finance-II	1	2	3	4	5	6	7	8	9	10
CO1	Understand need and importance of trade restriction. Optimum rate of the restrictions.	H	M	L						M	
CO2	Explain different economic integrations and regional trading arrangements.	H	H	L			M		M	H	
CO3	Explain equilibrium of the balance of payment, determination of the appropriate exchange rate.	H		H			M				
CO4	Discuss the importance of the foreign capital to any country and will be able to take the decision about the EXIM policies.	H	M	M			H		M	M	L

	Course Outcome (COs)	Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 4T3 :Financial Institutions & Markets-II	1	2	3	4	5	6	7	8	9	10
CO1	Understand & discuss functions, instruments, development & weaknesses of Indian money market.	H		H	M		H			H	
CO2	Explain structure development & instruments of primary capital market & role of SEBI	H	M	H	M	M	M			M	
CO3	Explain the function of stock exchange, debt market, derivative market & regulation of secondary capital market.	H		M	M	H	H	H	M	L	
CO4	Discuss the international financial market & international financial flows and cause & impact of global financial crisis.	H		M			M	M	M	M	

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	Course Outcome (COs)	Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 4T4 : Economics of Marketing	1	2	3	4	5	6	7	8	9	10
CO1	Understanding of various concepts of Marketing management and consumer behaviour	M	H	M			M	H		M	H
CO2	Decide and plan, develop, execute and control marketing mix	M	H	M				H		M	M
CO3	Understand the role and functions of Advertising and Sales Promotion	M	H	M				H		M	H
CO4	Explain the concept of physical distribution and sales force management	M	H	M			M	H		M	

	Course Outcome (COs)	Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 4T5 : Computer Application in Economics	1	2	3	4	5	6	7	8	9	10
CO1	Students will be able to understand characteristics, types and function of computers and the Software concepts and their applications.	H	H	H	M	M		M	L		
CO2	Students will be able to understand features of database management systems and Relational database.	H	H		M	M	M				
CO3	Students can operate MS Office and other software.	H		M	M	M	L	L		M	M
CO4	Students can understand the payment systems for E – commerce and the process of Selling and Marketing on web.	H	H	M	M	M			M		M

	Course Outcome (COs)	Program Specific Outcomes (POs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 4T6 : Rural Development	1	2	3	4	5	6	7	8	9	10
CO1	Gain insight into the socio-economic structure of rural India.	H		H		L	H		L	H	

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CO2	Understand the prospects and problems of rural development in India.	H		M	M		H		M	M	
CO3	Study about raising the standard of living of people in rural areas	H	M	H		M	M		L	M	M
CO4	Study about changing the attitudes of the rural people towards transformation of village community	M		M	H	M	M		M	M	M

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)						Domain Independent (PSO)			
Course Name: 4T7: Advanced Econometrics		1	2	3	4	5	6	7	8	9	10
CO1	Understand the basic concept of simultaneous equation model, problem of identification and various methods of simultaneous equations.	H	M	L			L		M	L	
CO2	Understand & use the concept of time series analysis and different testing techniques used for the time series analysis and forecasting.	H	M	L	H	H	H	H	M	H	
CO3	Explain the concept and application of Panel data technique.	H	M	L	H	H	H	H	M	H	
CO4	Explain the concept and applications of the various multivariate analysis tools.	H	M	L	H	H	H	H	M	H	

Course Outcome (COs)		Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)						Domain Independent (PSO)			
Course Name: 4T8: Economics - II		1	2	3	4	5	6	7	8	9	10
CO1	Explain the role of international trade and working of foreign exchange markets	H	H	H	M		M			M	
CO2	Distinguish between economic growth and development and understand its measurement	H		M		L		M		L	
CO3	Understand the features and growth of Indian Economy.	H	H	H	M	L	M		M	M	

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CO4	Discuss the Economy of Maharashtra and challenges before it.	H		H			M	L			L
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	Course Outcome (COs)	Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 4T9: Welfare Economics	1	2	3	4	5	6	7	8	9	10
CO1	Acquire basic understanding of the concepts and various approaches of Pre-Paretian and Paretian welfare economics.	H	H	M			L	L			H
CO2	Examine the conditions for economic efficiency and apply the marginal social benefit and marginal social cost principle	H	M	M	L			L			L
CO3	Examine the ways in which externalities, public goods and monopolies create market failures	H	M	M			H	L		L	L
CO4	Understand the arguments for and against government intervention in an otherwise competitive market	H	M	M	L		L	M			L
CO5	Study the effectiveness of government policies such as subsidies, taxes, quantity controls, transfer programs and public provision of goods and services;	H	M	H				M		M	

	Course Outcome (COs)	Program Specific Outcomes (PSOs)									
		Domain Specific (PSO)					Domain Independent (PSO)				
	Course Name: 4T10: Research Methodology	1	2	3	4	5	6	7	8	9	10
CO1	Helps students to conduct data processing and learn tools & techniques for statistical analysis.	H	H	H	L	M	M	M	L	M	
CO2	Learn testing of hypothesis & interpretation of data for meaningful result.	H	H	M			M	H	M	M	
CO3	Train the students for writing research report and using various citation methods.	H		H			L	L			
CO4	Learn the use of computers and SPSS in research by using case studies.	H	H	H	M	M		H		M	

*Sushpaude*  
 Dr. Sushpa Sushpaude  
 BOS Chairman.

## Program Outcomes

Name of Program: M.A. Mass Communication

No. Of Courses: 17

Targeted Graduate Attributes: Disciplinary Knowledge, Critical Thinking, Problem Solving, Analytical Reasoning, Communication Skills, Teamwork, Moral and Ethical Awareness

PROGRAMME SPECIFIC OUTCOMES : M.A. Mass Communication	
PO1	<b>Skill Development :</b> <ul style="list-style-type: none"><li>• <b>Develop</b> skills for writing, speaking, illustrating and presenting to be <b>Practical usage of d</b> in intra-personal, group and mass communication.</li><li>• <b>Develop</b> skills in operating the software and hardware <b>Practical usage of d</b> in the production of newspapers, magazines, television and radio programmes and also creating print and electronic advertising and public relations material.</li></ul>
PO2	<b>Domain Knowledge:</b> Have a deep conceptual understanding of news, principles of mass communication. History of Media, Media laws and ethics, advertising, media <b>Management</b> and public relations.
PO3	<b>Research Abilities:</b> <b>Develop</b> an interest in scientific enquiry into social, political, economic and cultural issues and trends through systematic research. Areas include media effects, journalism, adverting and P.R. research
PO4	<b>Issue Framing and Analysis :</b> Inculcate the ability to put theoretical, historical and day to day events of significance in proper context and <b>Assess</b> and analyze the larger truths and significance of any matter of public interest or importance.
PO5	<b>Professional Ethics and Social Responsibility:</b> <b>Develop</b> a strong sense of right and wrong, commitment to objectivity rising above personal biases, views and ideology and a deep understanding of obligation to the society as the "fourth pillar" of democracy.



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Shaheed Tukadoji Maharaj  
Nagpur University, Nagpur-33

## Program Matrix

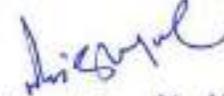
Name of Program: M.A. Mass Communication

(Low Correlation = L ; Moderate Correlation = M ; High Correlation = H)

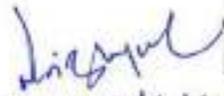
Course outcomes (cos)		Program outcomes (pos)				
		domain specific (pso)		domain independent (poi)		
	Course Name: Principal Of Mass Communication	1	2	3	4	5
Co1	Differentiate between different forms of communication in professional and personal life.	H	M		H	
Co2	Identify situations and conditions reflecting the theories and models of communication			M	H	
Co3	Analyse the effects of mass communication	M	M	H	H	
Co4	Critically examine the mass media in the light of different media system that have emerged over the years		H	H		
Co5	Comprehend the impact of mass media on public opinion, democracy and mass culture	H	H		H	
	Course Name: Development Of Media					
Co1	Identify the evolution of communication system and newspaper	M	H			
Co2	Study the effectiveness of traditional and folk media in present context	M	M		H	
Co3	Practical application different concepts of mass communication to commercial, community and education ratio in India	H	H		H	
Co4	Estimate the nature and extent of the impact of different formats of ty programmes on the society	L	M	H	H	

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Co5	Critically analyse the role of cinema as an agent of social change		H	M	H	
<b>Course Name: Print Media - I (Reporting And Editing)</b>						
Co1	Develop a news sense		M		H	
Co2	Differentiate between the styles of news writing in separate beats.	H	M			
Co3	Execute separate techniques for interviews, investigative feature, new analysis and editorial writing	H	M			
Co4	Develop skills in digital news photography and editing	H	M			
Co5	Practical usage of computer software for page designing in print and internet formats	H	M			
<b>Course Name: Electronic Media - I (Radio And Television)</b>						
Co1	Practical usage of audio and video to enhance presentations in the electronic media	H	M			
Co2	Practical usage of microphones, sound recorders and other studio equipment	H	M			
Co3	Write scripts for different formats of radio and TV programmes	H	M			
Co4	Practice electronic news gathering with a strong sense of social obligation, responsibility and credibility	H	M			
Co5	Produce and anchor TV news programmes	H	M			
<b>Course Name: Development Communication</b>						
Co1	Evaluate processes and models of development	M		M	H	
Co2	Assess the impact of globalisation on local development			M	H	
Co3	Examine the role of media in development communication			M	H	
Co4	Develop communication strategies for development	H	H	L		
Co5	Critically examine india's approach to development in welfare, health, education, women, weaker sections.			M	H	
<b>Course Name: Communication Research</b>						
Co1	Develop research based critical thinking	M	M	H	L	
Co2	Practical application different tools, techniques and methods of research		M	H	L	

  
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Co3	Create new knowledge in media practical usage of and impact	L	M	H	H	
Co4	Conduct media evaluation, public opinion poll, market studies and surveys through statistical and non statistical methods and techniques	H	M	H	H	
Co5	Understand ethical perspectives in mass media research		M	H	H	H
<b>Course Name: Media Management And Media Laws</b>						
Co1	Practical application management principles in a media organisation	H	M			
Co2	Operate sales promotion and marketing campaign for media products	H	M	L		
Co3	Manage news production operations	H	M			
Co4	Identify profitability to news operations	H	M			
Co5	Write and edit news with full awareness of legality and ethics		H			H
<b>Course Name: International Communication</b>						
Co1	Develop awareness of political, economic and cultural disparities in international communication			M	H	
Co2	Distinguish biases misconceptions and prejudices at technology on new flow globally	H				
Co3	Critically analyse the impact of new communication technology on new flow globally			M	H	
Co4	Assess the impact of cultural imperialism		M	M	H	
Co5	Practice journalism to protect the sovereignty and security of the country	M	M			H
<b>Course Name: Print Media - II ( Reporting And Editing)</b>						
Co1	Develop conceptual awareness of democratic governance		H		M	
Co2	Analyse and assess legislative work		H		M	
Co3	Explain complicated economics and financial matters of importance to the common people	M			H	
Co4	Identify critical issues and policies with regard to health and education	M	M	L	H	
Co5	Understand information overload through web sources while presenting editorial content	M	H			

  
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	<b>Course Name: Electronic Media - II ( Reporting And Editing)</b>				
Co1	Conduct field recording and studio broadcast for radio	H	M		
Co2	Use digital technology for Web and FM radio production	H	M		
Co3	Develop skills for Radio Jockeying – voice, Language, idiom	H	M		
Co4	Plan and execute TV shoots	H	M		
Co5	Produce different formats of TV programmes.	H	M	M	
	<b>Course Name: Advertising</b>				
Co1	Analyse consumer behaviour and motivation		H	H	
Co2	Develop creative thinking	M	M		H
Co3	Develop a sense of design, balance and colour	H	M	M	
Co4	Create brand strategies		H	H	M
Co5	Assess mass media in terms of reach and impact				
	<b>Course Name: Ecology And Environment In India</b>				
Co1	Develop a scientific and social attitude towards the environment		H		H
Co2	Identify and analyse the major sources of pollution.	M	H	M	M
Co3	Comprehend the wholistic approach of industrialisation on the environment		H	M	M
Co4	Analyse the impact of population urbanisation and political decisions		M	H	M
Co5	Identify co-relation between environmental issues and political decisions	H	M		H M
	<b>Course Name: Public Relations And Corporate Communications</b>				
Co1	Plan and execute p.r. campaigns	M	H		
Co2	Identify and define organisational stakeholders		H	M	
Co3	Build corporate identity through different tools	M	H		
Co4	Manage media relations	H	M		
Co5	Practical usage of new media for public relations and corporate communications	H	M	M	

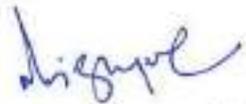
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 Nagpur District, Nagpur-44

	<b>Course Name: New Media Applications</b>				
Co1	Comprehend the scope of ict in mass media		H		
Co2	Develop web pages	H	H		
Co3	Identify content creation and management for web platforms	H	H		
Co4	practical knowledge of publish online newspapers/portals	H	H		
Co5	Practical usage of digital media for news and information dissemination	H	H		
	<b>Course Name: Inter-Cultural Communication</b>				
Co1	Identify and distinguish different aspects of culture	M	H		
Co2	Identify and distinguish different aspects of cultural symbols in verbal and non verbal communication	H	H		
Co3	Analyse the linguistic aspects of inter- cultural communication		H	M	M
Co4	Assess the impact of technology and globalisation on culture		H	M	M
Co5	Understand global initiatives and integrate them in local communication	L	H		M

  
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## PROGRAM SPECIFIC OUTCOMES

NAME OF PROGRAM: MASTER OF BUSINESS ADMINISTRATION

NO. OF COURSES: 48

GRADUATE ATTRIBUTES: DISCIPLINARY KNOWLEDGE & PROBLEM SOLVING, CRITICAL THINKING, LEADERSHIP QUALITY, COMMUNICATION SKILLS & ETHICAL AWARENESS, TEAMWORK, LIFE LONG LEARNING, RESEARCH RELATED SKILLS, SELF DIRECTED LEARNING (5 adapted from NBA Manual for MBA & 3 Suggested by HoD)

	GRADUATE ATTRIBUTES	PROGRAM SPECIFIC OUTCOMES
PSO1	DISCIPLINARY KNOWLEDGE & PROBLEM SOLVING	Apply knowledge of management theories and practices to solve business problems.
PSO2	CRITICAL THINKING	Foster Analytical and critical thinking abilities for data-based decision making
PSO3	LEADERSHIP QUALITY	Ability to develop Value based Leadership ability.
PSO4	COMMUNICATION SKILLS & ETHICAL /SOCIAL AWARENESS	Ability to understand, analyse and communicate global, economic, legal, and ethical aspects Of business.
PSO5	COOPERATION AND TEAM WORK	Ability to lead themselves and others in the achievement of organizational goals, contributing effectively to a team environment
PSO6	RESEARCH RELATED SKILLS	The student will be able to conduct intensive research investigation and analyse usually in response to a specific business problem, research objective or hypothesis and arrive at feasible solution.
PSO7	SELF DIRECTED LEARNING	The student will be able to work independently, identify appropriate resources required for a project and manage a project through to completion.
PSO8	LIFE LONG LEARNING	The student will be able to develop self-sustainability as well as competitiveness and employability in context of technological changes.

  
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**PROGRAM MATRIX**

COURSE OUTCOMES (Cos)		PROGRAM SPECIFIC OUTCOMES (PSOs)							
	COURSE NAME (00) INDUCTION cum FOUNDATION COURSE	1	2	3	4	5	6	7	8
CO1	Given a presentation/ debatable topic, discussion, training, the students will be able to <b>understand</b> voice modulation, nuances of diction and articulation which will in turn help them in <b>developing</b> effective communication skills. Confidence, handle conflicts, be patient and work under pressure.				3				
CO2	Given a workplace setting, the students will not only be <b>aware</b> about their inner qualities, inner potential and importance of human qualities but also will be able to <b>critically assess</b> the relationship between theory and practice in the formulation of values.			3					
CO3	The Students will be able to <b>perform</b> calculations based on elementary statistics and accountancy		3						
CO4	Given a stressful or demanding situation the students will <b>develop</b> skills like team work, leadership, time management and will also be able to develop self								3
CO5	Given a problematic situation/ a dilemma/ a choice the students will be able to <b>distinguish</b> between the ethical and unethical ways and <b>chose</b> the right way of				3			3	



	doing things in professional and personal life.								
	<b>COURSE NAME: 1T1 MANAGERIAL ECONOMICS</b>								
CO1	Given the details regarding price and quantity, the future manager will be able to <b>calculate</b> and <b>interpret</b> price elasticity, income elasticity and cross-price elasticity of demand and will also be able <b>examine</b> the uses and abuses of demand forecasting techniques	3							
CO2	Given the information about scale of production, the future manager will be able to <b>analyze</b> various aspects of empirical production functions and also will be able to <b>comprehend</b> the difference sources of economies and diseconomies of scale.	3			2				
CO3	Given the information pertaining to market structure, the future manager will be able to <b>determine</b> the optimal price and output for firms under different market structures	3							
CO4	Given the circular flow model of an economy, the future manager will be able to interpret the role and importance of each component with regard to factor market and product market and will also be able to <b>comment</b> on the implications and control of inflation.		2		2				
CO5	Given the information regarding expenses and income in an economy, the future manager will be able to <b>calculate</b> and <b>explicate</b> the gross domestic product using expenditure and income approaches and given the details about a phase of the business cycle, the future manager will be	3	2		2				

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	able to <b>depict</b> the symptoms, causes and effects on economic activities of a nation.								
	<b>COURSE NAME: 1T2 MANAGEMENT INFORMATION SYSTEMS</b>								
CO1	The student will be able to <b>describe</b> different types of management information system from management activity point of view and will also be able to <b>identify</b> and <b>work out</b> KRAs, BOPs and BPPs for various organisations/systems.	3					1		1
CO2	The student will be able to <b>identify</b> the master data, <b>draw</b> report format and interface matrix while making a <b>model</b> of DSS.		3				2		
CO3	The student will be able to <b>suggest</b> the conceptual model of PMS and will also be able to <b>draw</b> a system model of integrated system (PMS+SCM+Accounting and Billing)	2					2		
CO4	The student will be able to <b>describe</b> the key features of ERP, SCM and CRM and will also be able to <b>draw</b> functional flow and process flow diagrams for various transactions.				2				
CO5	The student will be able to <b>enumerate</b> the factors affecting system performance and will also be able to <b>comment</b> on the operational feasibility of IT system under consideration		2					2	2

	<b>COURSE NAME: 1T3 BUSINESS RESEARCH</b>								
CO1	In context of research, the student will be able to <b>define</b> business research problems and will also be able to formulate an abbreviated version of research proposal.		2				3	2	
CO2	The student will be able to <b>describe</b> and <b>choose</b> appropriate sampling design and will also be able to <b>estimate</b> appropriate sample size.		2				3		
CO3	The student will be able to develop measurement tools and construct appropriate scales therein		2				3		
CO4	The student will be able to <b>select</b> suitable method of data collection and will be able to <b>make</b> questionnaire/e-questionnaire		2				3		
CO5	The student will be able to <b>derive</b> inferences by applying various techniques of interpretation and be and write various types of research reports.		3				3		
	<b>COURSE NAME: 1T4 ORGANIZATIONAL BEHAVIOUR</b>								
CO1	Students will be able to <b>explain</b> the concept of Organisation Design and <b>determine</b> the factors that affect Organisation Design.				2				
CO2	Students will be able to <b>identify</b> the components of Individual Behaviour and <b>apply</b> the concept of Learning, Perception, Attitudes and values.	3							
CO3	The student will be able to <b>distinguish</b> between the various theories of motivation and their application in organizations and also be able to <b>apply</b> these theories to practical problems in organizations. They will also be able to <b>distinguish</b> between a number of different leadership theories & styles and contribute to the effective performance of a team as the team leader or a group member.	3		2					
CO4	The future managers/ students will be able to <b>analyse</b> the behaviour of individuals and groups in organisations in terms of the key factors that		3			2			

	influence organisational behaviour and demonstrate skills required for working in groups (team building).								
CO5	The students will be able to <b>justify</b> how organizational change and conflict affect working relationships within organizations and <b>demonstrate</b> how to apply relevant theories to solve problems of change and conflict within organizations	3					2		
	<b>COURSE NAME:1T5 FINANCIAL REPORTING, STATEMENTS AND ANALYSIS</b>								
CO1	Given an accounting situation Students will be able to <b>evaluate</b> selected accounting standards and <b>perform</b> their application in actual practice	2	1						
CO2	Given the Trial Balance and accompanying financial adjustments the future manager shall be able to <b>prepare</b> the financial statements and <b>calculate</b> the profit or loss of a firm as at the end of the financial year.	3							
CO3	Given the financial statements a student will be able to <b>Prepare</b> Cash Flow statement to <b>evaluate</b> whether a firm is doing well financially and has sufficient cash to meet its obligations and support its growth or not.	3	3						
CO4	Given the financial statements a student will be able to <b>perform</b> Ratio analysis and comment on the performance of the firm. Whether a firm is doing well or not. (As compared to its peers or year on year basis.)	3	3						
CO5	Given the financial statements a student will be able to <b>formulate</b> common size statement, trend analysis as well as inter-firm and intra firm comparison (As	3	3						

	compared to its peers or year on year basis.)							
	<b>COURSE NAME: 1T6 BUSINESS STATISTICS &amp; ANALYTICS FOR DECISION MAKING</b>							
CO1	For a given dataset, the student should be able <b>estimate</b> the dispersion / variance & symmetry of the data using various measures and <b>draw</b> inferences to facilitate decision making.	3	3					
CO2	For a given dataset, the student should be able <b>assess</b> the level of association between given variables in the data using various types of correlation analysis techniques. The students should also be able to <b>predict</b> the values of a variable using regression analysis techniques.	3	3					
CO3	For given situations a student should be able <b>determine</b> the various probabilities arising out of the situation and <b>make use of</b> probability theory and appropriate probability distributions for the purpose of decision making	3	3					
CO4	For a given research problem, student should be able to <b>construct</b> appropriate hypotheses and <b>draw</b> conclusions by using a suitable hypothesis testing procedure so as to <b>address</b> the research problem in question.	3	3			3		
CO5	The student will be able to <b>differentiate</b> between various forms of analytics and will also be able to <b>choose</b> suitable analytics for decision making.		1					
	<b>COURSE NAME: 1T7 LEGAL &amp; BUSINESS ENVIRONMENT</b>							
CO1	Given the circumstances, the learner will be able to <b>infer</b> legal aspects of doing				3			

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	business & <b>plan</b> business activities. In a given situation, the learner will be able <b>make use of</b> provisions of the Contract Act to <b>evaluate</b> a contract used in commercial practice.							
CO2	In a given situation, learner will be able to <b>distinguish</b> between various types of Companies and <b>explain</b> their comparative advantages and disadvantages. The learner will be able to <b>explain</b> the legal process involved in formation of a company and <b>understand</b> the relationships amongst the various stakeholders of the company.	1						
CO3	In context of Intellectual Property Rights (IPR) the learner will <b>understand</b> various components of IPR and <b>differentiate</b> between them. The learner can also <b>identify</b> the uses of IPR in business	2						
CO4	Under the given scenario, the learner will be able to describe various provisions of IT Act and will be able to use various provisions of Consumer Protection Act	1						
CO5	A learner will be able to analyze the elements of Social, political, economic environment around a firm.		3		3			
	<b>COURSE NAME: 1T8 MANAGERIAL SKILLS FOR EFFECTIVENESS</b>							

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CO3	Given the cash-flows pertaining to a project, the future manager will be able to <b>estimate</b> projects' cash flows to <b>distinguish</b> between value creating and value destroying investments using time-value intensive DCF techniques (viz. NPV, IRR, discounted payback period, profitability index) and Non-DCF techniques (i.e. Payback Period and Average rate of return approach)	3	3						
CO4	Given the details pertaining to elements of working capital for a given level of activity, the future manager will be able to <b>ascertain</b> the components of current assets and current liabilities and <b>determine</b> the gross and net operating working capital requirement.	3							
CO5	Given the expected dividends, future price of shares, investor expectations and funding requirements; the future manager will be able to <b>compute</b> the value of a share using various dividend discount models and <b>illustrate</b> whether dividend is relevant for firm valuation or not.	3	2						
<b>COURSE NAME: 2T2 MARKETING MANAGEMENT</b>									
CO1	For a given marketing objective of a company the student manager will be able to <b>develop</b> a suitable marketing mix.	3	3		2		2		
CO2	For a given product the student managers will be able to <b>apply</b> the three steps of target marketing: market segmentation, target marketing, and market positioning	3	3		2		2		
CO3	For various stages in the life cycle of the product the student managers will be able to <b>recommend</b> a suitable pricing strategy.	3	3		2		2		
CO4	For a given company the student managers will be able to <b>evaluate</b> different distribution channel	3	3		2		2	2	

	options and their suitability for the company's product.							
CO5	For a given promotional objective of a company the student manager should be able to <b>develop</b> a suitable promotion mix (advertising, sales promotion, public relations, personal selling, and direct marketing etc.) for the product.	3	3		2		2	
	<b>COURSE NAME:2T3 HUMAN RESOURCE MANAGEMENT</b>							
CO1	Students should be able to <b>explain</b> the importance of Human Resource Management for an organisation and also distinguish between Personnel and HR Management.				1			
CO2	For a given job profile, students should be able to <b>develop</b> a job analysis and produce a job description and job specification.	3	3		2		2	
CO3	Students should be able to <b>design</b> a Human Resource Plan for an organisation and <b>construct</b> its Selection Process	3	3		2		2	
CO4	Students should be able to <b>justify</b> the applicability of various techniques of Training		2		2			
CO5	Students should be able to <b>outline</b> the performance appraisal process and <b>identify</b> and <b>explain</b> the utility of various modern and traditional methods of Performance Appraisal.				1			1
	<b>COURSE NAME: 2T4 OPERATIONS MANAGEMENT</b>							
CO1	At the end of the course the students can <b>apply</b> the concept of operations management	3	2					2

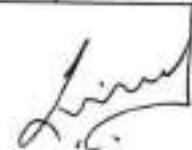
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	in manufacturing and service sector and will be able to <b>plan</b> and <b>implement</b> production and service related decisions.								
CO2	At the end of the course the student will be able to <b>plan</b> production schedules and plan resources (material and machine) required for production	3	2					2	
CO3	At the end of the course the students can <b>design</b> maintenance schedules in manufacturing units, <b>identify</b> and <b>propose</b> material handling equipments and implement industrial safety rules	3	2					3	
CO4	At the end of the course the students will be able to <b>apply</b> the concepts of purchase, stores and inventory management and <b>analyze</b> and <b>evaluate</b> material requirement decisions	3	2					3	
CO5	At the end of the course the students can <b>measure</b> performance related to productivity and will be able to <b>conduct</b> basic industrial engineering study on men and machines.	2					2		
	<b>COURSE NAME: 2T5 INTERNATIONAL BUSINESS</b>								
CO1	Students should be able to <b>understand</b> various concepts and terminologies involved in International Business and importance of international trade				3				
CO2	Students should be able to <b>evaluate</b> various modes of entry in to International business	2	3						

	and should be able to <b>select</b> the best mode of entry given a situation							
CO3	Students should be able to <b>relate and discuss</b> the presence of macro factors (PESTEL) on international business environment				3			
CO4	Students should be able to <b>examine and elaborate</b> the role of various Government institutions in India which support International trade				3			
CO5	Students should be able to <b>perceive</b> the concepts in recent EXIM policy of India and <b>relate it</b> to the flow of FDI as well as direction of Indian foreign trade.		2					
<b>COURSE NAME: 2T6 CORPORATE SOCIAL RESPONSIBILITY AND SUSTAINABILITY</b>								
CO1	Given the concept of CSR, the future manager will be able to <b>identify</b> the various activities which can benefit the organization under the banner of CSR					2		
CO2	Given a chance, the future manager will be able to <b>frame and recommend</b> the CSR policy according to sustainable development.	3	3					
CO3	Given the framework, the future manager will be able to <b>plan</b> the CSR activity according to the various laws and regulations.	3	1			2		
CO4	Given the details pertaining to government and non-government organizations, the	1	2			2		

	future manager will be able to <b>ascertain</b> the role of various stakeholders in CSR activities and <b>incorporate</b> the guidelines issued by regulatory guidelines in CSR policy.							
CO5	Given the task of CSR , the future manager will be able to <b>plan and implement</b> various activities to be taken under CSR activity and evaluate its effectiveness.	3	3				3	
	<b>COURSE NAME:2T7 COST ACCOUNTING</b>							
CO1	Given an information about basic conceptual framework of cost, the student will be able of <b>identify/ classify</b> different elements/ classification of cost and will be able to <b>prepare</b> cost sheet and prepare quotations for various business proposals	3	1					1
CO2	Given an information about cost, volume and profit for specific product for mention time period, a student will able to <b>compute</b> Break-even point, Marine of safety, Profit volume ratio, desired profit / desired sales as well as able to <b>evaluate</b> the decision making proposals(suitable product mix / dropping a product line / fixation of selling price / make or buy decisions/ Key Factor Analysis)	3	3					
CO3	Given information about relevant expenses, a student will be able to <b>classify</b> the cost by nature and <b>estimate</b> cost of operating a service	2	3					
CO4	Given an information about Expenses & Income / Receipt & Payment / Projected	3	2					

	Sales, a student will be able to <b>prepare</b> relevant functional level budgets for an organisation								
CO5	Given an information about standard and actual performance, the student will be able to <b>determine</b> Direct Material and Direct Labour Variances	2	3						
	<b>COURSE NAME:2T8 MANAGEMENT CASE ANALYSIS</b>								
CO1	Given a situation a student will be able to <b>construct</b> SWOT for a concerned organisation or situation as well as he/she will be able to identify key actors/stakeholders in the given situation	3	3	3	3		3	3	
CO2	A student will be able to <b>evaluate</b> the dilemma (Problem/ Issues/ Concerns) in the case.	3	3		3	3	3		3
CO3	A student will be able to <b>develop</b> suitable alternatives for the dilemma identified.	3	3		3	3	3	3	
CO4	A student will be able to <b>analyse</b> and <b>evaluate</b> the alternatives using the theoretical framework.	3	3		3	3	3		
CO5	A Student will be able to discuss <b>suggest</b> suitable roadmaps to overcome the identified dilemma.	3	3	3	3		3	3	3
	<b>COURSE NAME:3P1 SUMMER INTERNSHIP PROJECT (SPECIALIZATION BASED)</b>								
CO1	Student is able to <b>construct</b> the company profile by compiling the brief history,	3	3		3		3	3	3



	management structure, products / services offered, key achievements and market performance for his / her organization of internship								
CO2	For his / her organization of internship, the student is able to <b>assess</b> its Strengths, Weaknesses, Opportunities and Threats (SWOT). Student is able to <b>determine</b> the challenges and future potential for his / her internship organization in particular and the sector in general.	3	3		3		3	3	3
CO3	Student is able to <b>test</b> the theoretical learning in practical situations by accomplishing the tasks assigned during the internship period.	3	3	3	3	3	3	3	3
CO4	Student is able to <b>apply</b> various soft skills such as time management, positive attitude and communication skills during performance of the tasks assigned in internship organization.	3		3	3	3	3	3	3
CO5	Student is able to <b>analyze</b> the functioning of internship organization and <b>recommend</b> changes for improvement in processes.	3	3	3	3	3	3	3	3
	<b>COURSE NAME:3T1 MM1: SALES AND DISTRIBUTION MANAGEMENT</b>								
CO1	Given a situation, student manager will be able to <b>identify</b> appropriate Sales Forecasting method to be adopted by a company.		3						
CO2	Given a situation of newly launched company, student manager will be able to <b>design</b> an effective Sales Compensation Plan for Sales Executive.	3	3					3	

CO3	Given a situation of distribution channel of a company, student manager will be able to <b>outline</b> different levels of Marketing channel used by the company	3						
CO4	Given a situation, student manager will be able to <b>describe</b> the process of Supply Chain and Reverse Logistics	3						
CO5	Given a situation, student manager will be able to <b>develop</b> e-retailing strategy as a channel of distribution.	3						
<b>COURSE NAME:3T2 MM2: DIGITAL AND SOCIAL MEDIA MARKETING</b>								
CO1	On studying this module, the students will be able to <b>understand</b> the concept of marketing in digital environment. They will also be able to <b>relate</b> traditional marketing concepts with digital marketing and evaluate the use of various channel options available for digital marketing.	3						
CO2	On completing this module, the students will <b>develop</b> the concept of digital marketing research. They will also be able to <b>examine</b> online consumer behaviour and imagine its utility in online/offline marketing strategies	3	3		2		3	
CO3	Upon studying this module, the students will be able to <b>build</b> an understanding of search engines and their utility in digital marketing area. They will also <b>comprehend</b> optimization and the keyword search methodology							
CO4	On properly studying this module, the student will be able to <b>examine</b> the utility of different social media in digital marketing and <b>evaluate</b>	3	3					

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	their use, as future managers, in actual marketing campaigns.								
CO5	On studying this module, the student will be able to <b>create</b> favourable online reputation, later, as future managers, for organizations they serve. Students will also be able to <b>form</b> opinion on current trends in digital marketing area and <b>estimate</b> future trends therein.	3	3		3				
	<b>COURSE NAME:3T3 MM3: INTEGRATED MARKETING COMMUNICATION AND BRAND MANAGEMENT</b>								
CO1	At the end of the course the student manager shall be able to <b>Design</b> the Integrated marketing communication Process for a company/product	3	3		3		3		
CO2	At the end of the course the student manager shall be able to <b>develop</b> a creative message strategy for a product and execute it.	3	3		3		3		
CO3	At the end of the course the student manager shall be able to <b>implement</b> and evaluate a IMC campaign.	3	3		3				
CO4	At the end of the course the student manager shall be able to <b>Identify&amp;Establish</b> Brand Positioning for a given product	3	3						
CO5	At the end of the course the student manager shall be able to <b>design/develop</b> branding strategies for a product/company, brand marketing program and shall be able to evaluate a branding program.	3	3		3		3		3
	<b>COURSE NAME:3T1 FM1: INVESTMENT ANALYSIS &amp; PORTFOLIO MANAGEMENT</b>								

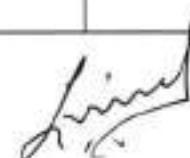
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CO1	The student will be able to <b>apply</b> concept of time value of money in computing the value of fixed income securities. The student will also be able to <b>understand</b> the relationship between interest rates, yield and bond prices.	3			2				
CO2	The student will be able to <b>compute and compare</b> the value of a company's equity share with other company's equity by using various methods and tools of equity valuation	3	3						
CO3	The student will be able to <b>build and evaluate</b> the relationship between the concept of risk and return and will be able to <b>relate</b> its implication on creating portfolio	3	3						
CO4	The student will be able to <b>learn</b> the theoretical concepts of underlying the portfolio creation	3							
CO5	The student will be able to <b>assess</b> the tools and strategies for portfolio creation and evaluation and will also be able to <b>evaluate</b> the portfolios of mutual funds by using the tools of portfolio evaluation	3	3			2			
	<b>COURSE NAME: 3T2 FM2: PROJECT APPRAISAL AND FINANCE</b>								
CO1	The student will be able to <b>assess</b> capital budgeting decisions under uncertain and risk bearing situation and will also be able to <b>build and interpret</b> the decision tree approach for decision making	3	3						



CO2	The student will be able to <b>choose</b> between acquisition of long term assets either through lease or financing methods and will also be able to <b>learn</b> process of Private Equity and Venture Capital	3	3					
CO3	The student will be able to <b>compare</b> the various theories of capital structure and will be able to <b>determine</b> the impact of debt equity mix on value of firm	3	3					
CO4	The student will be able to <b>evaluate</b> and <b>compare</b> the pre and post-merger financial position of the firms.	3	3					
CO5	The student will be able to <b>determine/estimate</b> the cash requirement in a firm and will also be able to <b>evaluate</b> the impact of trade receivable policy of a firm on its profitability.	3	3					
<b>COURSE NAME: 3T3 FM3: FINANCIAL DERIVATIVES</b>								
CO1	The student will be able to <b>describe</b> the concepts of derivatives and its trading and settlement procedures		1		2		2	
CO2	The student will be able to <b>calculate</b> the value of Futures and <b>apply</b> it for risk managed trading strategies.	3	3					
CO3	The student will be able to <b>compute</b> the value of Options and <b>plan</b> various option strategies.	3	3					
CO4	The student will be able to <b>analyse and use</b> the concept of Swaps and will also be able to make Swaps related decisions.	3	3					
CO5	The student will be able to <b>relate</b> concept of foreign exchange in currency conversion and	3	3					

	apply currency forward rate agreements for hedging.								
	<b>COURSE NAME:3T1 HRM1: MANPOWER PLANNING, RECRUITMENT AND SELECTION</b>								
CO1	Students should be able to <b>explain</b> the factors affecting HRP and HRP process of an organisation	2	2						
CO2	Students should be able to <b>determine</b> the process of demand and supply forecasting while doing human resource planning.	2							
CO3	Students should be able to <b>devise</b> the manpower plan for an organisation	3	3			3			
CO4	Students should be able to <b>formulate</b> Recruitment and Selection process on the basis of HRP.	3	3						
CO5	Students should be able to <b>outline</b> the Recent Trends in Manpower Development and Planning	2							
	<b>COURSE NAME: 3T2 HRM2: PERFORMANCE MEASUREMENT SYSTEM</b>								
CO1	Students should be able to <b>distinguish</b> the concept of Performance appraisal & Performance Management and also should be able to establish relationship of performance management with Strategic Planning.	2	3						
CO2	Students should be able to <b>determine</b> the Mechanism of Performance Management, and also explain the various steps in performance	2	2				2		



	planning and performance execution.								
CO3	Students should be able to <b>justify</b> the use of various modern and traditional methods of Performance Appraisal under given situation.	2	2						
CO4	Students should be able to <b>justify</b> the use of various Performance Assessment Models under given situations; also the student should be able to determine the steps of giving a constructive feedback.	2	2						
CO5	Students should be able to <b>discuss</b> the importance and Principles of ethics in performance management	2			3				
COURSE NAME: 3T3 HRM3: COMPENSATION AND BENEFITS MANAGEMENT									
CO1	Students should be able to <b>compare</b> the applicability of various Job Evaluation methods under given situations	2							
CO2	Students should be able to <b>determine</b> the importance of Wage Differentials and <b>Differentiate</b> between different types of wages	2	2						
CO3	Students should be able to <b>align</b> the compensation strategy with business strategy	3	3				2		
CO4	Students should be able to <b>design and develop</b> the incentive and benefits plans	3	3				3	3	
CO5	Students should be able to <b>outline</b> the various Statutory Provisions related to Compensation	2							
COURSE NAME: 3T1 OM1: LOGISTICS AND SUPPLY CHAIN MANAGEMENT									

CO1	At the end of the course the student will be able to <b>analyze</b> the business requirement and <b>apply</b> supply chain strategies	3	3					
CO2	The student will be able to <b>design</b> effective distribution network for a company.	3	3					
CO3	The student shall be able to reduce transportation costs by <b>applying</b> optimization techniques.	3	3			2		
CO4	The student shall be able to <b>map</b> the supply chain requirement as per the resources available by identifying the non value added services within the supply chain	3	3			2	3	
CO5	The student will be able to <b>measure</b> the performance of the supply by applying various metrics in different areas	3	3					
<b>COURSE NAME: 3T2 OM2: QUALITY TOOLKIT FOR MANAGERS</b>								
CO1	The student will be able to <b>analyze</b> the dimensions of Quality and apply quality systems for effective quality improvement	3	3					
CO2	The student will be able to <b>select</b> appropriate statistical tools for quality analysis.		3					
CO3	The student will be able to <b>recommend</b> appropriate SPC tools to improve process quality.	3	3					
CO4	The student will be able to <b>set bench marks</b> for the organization and apply TQM tools for quality improvement	3				2		
CO5	The student will be able to <b>apply</b> productivity tools for improving efficiency in the plant.	3	3			2		

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	<b>COURSE NAME: 3T3 OM3: OPERATIONS RESEARCH</b>								
CO1	The students will be able to <b>attempt</b> operation related problems by <b>suggesting</b> various operation research tools.	3	3						
CO2	The students will be able to <b>analyze</b> LPP and Game Problems and find solutions for business decisions.	3	3						
CO3	The students will be able to <b>analyze</b> and evaluate assignment problems to find solutions.	3	3						
CO4	The students will be able to <b>analyze</b> and evaluate Transportation problems to optimize costs	3	3						
CO5	The students will be able to <b>apply</b> PERT/ CPM tools for optimizing time and cost in project management.	3	3						
	<b>COURSE NAME: 3T1 BA1: DATA VISUALIZATION FOR MANAGERS</b>								
CO1	The student will be able to <b>identify</b> and <b>use</b> Interactive data visualization software desktop tools and will also be able to <b>create</b> Interactive data visualization software desktop workspace	3	3				3		
CO2	The student will be able to <b>connect</b> data and will also be able to <b>use</b> Interactive data visualization software's File Types effectively	3							
CO3	The student will be able to <b>create</b> analytics pane and will also be able to use Sort, Filters, Sets, Groups and Hierarchy functions	3							
CO4	The student will be able to <b>create</b> calculations to enhance the data visualisation	3	3						
CO5	The student will be able to <b>build</b> effective dashboard	3					2		

COURSE NAME: 3T2 BA2: DATA MINING									
CO1	Given overview of Data Mining and Data pre-processing, the future manager will be able to <b>outline</b> major research challenges of data mining, Kinds of data and applications, Data Cleaning; Data Integration; Data Reduction; Data Transformation and Data Discretization.	2							
CO2	Given the overview of Data Warehousing, the future manager will be able to <b>classify</b> the Concept of Data Warehousing using Data Cube and OLAP and also able to identify the process of Data Generalisation	2							
CO3	Given the details pertaining to Pattern Mining, the future manager will be able to <b>evaluate</b> Patterns using colossal patterns, mining compressed or approximate patterns; explore patterns and its applications		3						
CO4	Given the details pertaining to Pattern Mining, the future manager will be able to <b>analyse</b> clusters using partitioning method, hierarchical method, density based method and grid based method		3						
CO5	Given the details pertaining to Pattern Mining, the future manager will be able to <b>correlate</b> the use of data mining to the society and also will be able to explain the trend in data mining.	2	3		2				
<b>Average</b>		2.78	2.71	2.86	2.5	2.9	2.49	2.5	2.73

*Handwritten signature:*  
S. Kanishwar

>90%	Acceptable	Acceptable	Acceptable	Need inforcement	Acceptable	Need inforcement	Need inforcement	Acceptable
				Communication Skills/ ethical Social Awareness		Research Related Skills	Self Directed Learning	

*S. Karishwar*  
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