

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. Ingle


Dr. M.D. Gulhane


Dr. R. Ashikar

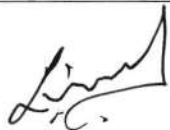
PS08	Scientific Reasoning	The student will be able analyze, interpret and draw conclusion from quantitative/qualitative data for applying Scientific reasoning.
PSO9	Reflective Thinking	The student will be able to identify the relevance and importance of ideas.
PS10	Information/ Digital literacy	The student 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 C-11: Paper-I Advanced Financial Accounting		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able identify and describe different Accounting Standards useful for accounting transactions	M	M	M	L	L				L				M		
CO2	The student shall be able explain 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 read and analyze consolidated financial statements including accounting policies and other information disclosures.	M	L	M	M		L					M			L	L
CO4	The student shall be able demonstrate the usage and application of Computer Software Accounting.	M	M	M	L	L		L		M				L		
CO5	The student shall be able carry out Fire insurance calculations and Claims settlement process.	H	L	L	M				M				L			
COURSE NAME: C-12 : PAPER II Indian Financial System		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able identify 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 evaluate the Banking system in India and its operational formalities	H	L	L			M					L				
CO3	The student shall be able critically analyze the functioning of Life and Non Life Insurance in India and its policies.	M	M	M						L						
CO4	The student shall be able develop 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 classify different types of Financial Markets and instruments	M	M	L	L		L			L		M				L
	COURSE NAME: C-13 :PAPER-III MANAGERIAL ECONOMICS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able understand 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 calculate and interpret 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 measure 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 derive the equilibrium conditions for cost minimization and profit maximization.	H	L	L					M				L			
CO5	To Determine 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	
	COURSE NAME: C-14 :Paper-IV Marketing Management	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able formulate 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 analyse 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 competent and reliable 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 capable of using digital technology 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 formulate a marketing plan including marketing objectives, marketing mix, strategies, budgetary considerations and evaluation criteria	H	L	L	M				M				L			
	COURSE NAME: C-21 : Paper –I Research Methodology	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The Students will have an ability of intensive research 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 enhance 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 acquire basic knowledge on qualitative research techniques	M	H	M	M	L		M					M			
CO4	The student shall be able knowledge of measurement & scaling techniques as well as the quantitative data analysis.	M	M	H	M	L					L				L	
CO5	The student shall be able understand the logical connections between 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
	COURSE NAME: C22 : Paper –II Advanced Cost Accounting	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able ability to understand basic 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 develop time management 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 ability to classify 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 ability to read 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 identify the standard and actual performance with the help of Direct Material and Direct Labour Variances.	M											L			
	COURSE NAME: C-23: Paper –III Cooperation	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able ability to understand the Principles and Importance of Cooperation and Cooperative Movement in India	M	M	M	L	L				L				M		
CO2	The student shall be able demonstrate the functions and working of Cooperative Credit Institution in India	H	L	M	L	M	L				M					
CO3	The student shall be able learn new things which helps in social change and other life affirming endeavours	M	L	M	M		L					M			L	L
CO4	The student shall be able to justify the role of Cooperation in rural Economy	M	M	M	L	L		L		M				L		
CO5	The student shall be able demonstrate and distinguish Globalization & Cooperation	H	L	L	M				M				L			
	COURSE NAME: C-24 :Paper-IV Human Resource Management	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student will be able for the development , 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 learn evaluation 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 capable of 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 analyze 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 communicate 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 demonstrate 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 understand 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 apply 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 determine 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 formulate 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 apply 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 build discrete and continuous probability distributions to various business problems.	H	M	L		M						L		L		M
CO3	The student shall be able learn 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 perform 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 analyze and interpretate 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 understand the provisions and procedure for Computation of Income from profession.	M	M		L	L									L	
CO2	The student shall be able ability to compute capital gain.	H	M	L		L			L				L			
CO3	The student shall be able capable to understand the provisions and	M	H	M	L	H					L					M

	procedure of Chapter VI A Deduction, Clubbing of Income Set-off and carry forward of losses.															
CO4	The student shall be able evaluate 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 keeping knowledge about the changes in tax rates														L	
	COURSE NAME: F33: Paper III Computer Application in Commerce	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able to observe and experience the main activities of Internet Services and applications.	M	L		L	L				M				L		
CO2	The student shall be able demonstrate the working of Word Processing	H	M	L	L	M			L			L				L
CO3	The student shall be able construct the Spread Sheets & its Business Application	M	H	M	M	L		M					M			
CO4	The student shall be able capable of using Computerized Accounting with Tally	M	M	H	M	L					L				L	
CO5	The student shall be able enhance research related skills for future references.					L										
	COURSE NAME: PAPER I ACCOUNTS AND STATISTICS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The Students will be able to perform calculations based on elementary statistics and accountancy	M	M	L		H				L				L		L
CO2	The student shall be able prepare the financial statements and calculate 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 understand 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 calculate 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 learn Methods of measuring dispersion, Mean Deviation, Standard Deviation, Quartile Deviation, co-efficient of variation.	M	M	L		M			L			L				M
	COURSE NAME: Paper II MANAGERIAL SKILLS – I	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able facilitate students' understanding of their own	M		M			L			M					L	

	managerial skills and improve communication skills.															
CO2	The student shall be able express thoughts and ideas from the management experience.	H	M	M		L	L					L				L
CO3	The student shall be able incorporate 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 communicate among various levels of organizational, remove communication barriers.	H	L	M	L	L	L							L		
CO5	The student shall be able classroom discussion and formal presentations render a suitable opportunity to sharpen verbal and non-verbal communication ability.	M		M	M	L	L		L						M	L
	COURSE NAME: E34: Paper IV Entrepreneurship Development	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able understand different methods to assess the attractiveness of business opportunities.	H	M	M		L			L					L		L
CO2	The student shall be able develop 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 identify 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 enhance personal attributes that enable best use of entrepreneurial opportunities explore entrepreneurial leadership and management style.	L	L		M					M						L
CO5	Enhance understanding of the world and provide better opportunities of employment.	H	L	M		H	M					M				L
	COURSE NAME: E34: Paper IV Service Sector Management	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able to understand 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 analyze concepts, functions, and techniques of the craft of service marketing services and will also be able to identify critical issues in service design & delivery.	H	M	M		M				L			L			
CO3	The students will be able to Demonstrate IT industry and its trends, role and importance of ITES	H	L	L	M						M					L
CO4	The student shall be able develop Services Quality Management in	M	M	L		H			L							L

	services sector.															
CO5	The student shall be able managing service delivery Challenges of Distribution Channels and Planning in services.	H	L	M	L			M				L				
	COURSE NAME: C41: Paper I International Business Environment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	Students Should be able to perceive 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 evaluate 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 examine risks involved in foreign trade and ways to manage the risks.	M	M	M						L						
CO4	Students should be able to understand 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 understand and elaborate structure of International banking, various concepts involved in export documentation, export procedures and contracts.	M	M	L	L		L			L		M				L
	COURSE NAME: Paper I Current Trends in Digital Commerce	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	Students should be able to acquire a good knowledge of e-commerce, both the technical and business aspects	M									L					
CO2	Students should be able to understand the principles and practices of e-commerce and its related technologies	M									L					
CO3	Students should be able to design and implement a basic e-commerce application.													L		
CO4	Students should be able to study trends of e-commerce; build up on team work, presentation and technical writing skills.	M														
CO5	Students should be able to learn digital devices and their application in business.					L										L
	COURSE NAME: Paper II Indirect Taxes	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	Students should be able to understand 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 understand 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 understand 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 describe 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 learn how to calculate Input Tax Credit, Output Tax and Custom duty.	M		H												
	COURSE NAME: F43: Paper-III INDIRECT TAX	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	Students should be able to understand 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 understand 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 understand 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	Capability to use different types Forms issued for transfer of goods etc.			L												
CO5	Apply problem solving skills for service tax liability, payment and recovery of service tax.	H	M	M	L				L			L				
	COURSE NAME: F43: Paper-III OPERATIONS RESEARCH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able identify and develop operational research models from the verbal description of the real system	M														
CO2	The student shall be able understand the mathematical tools that are needed to solve optimization problems.	M		L												
CO3	The student shall be able well developed mathematical software to solve the proposed models.	M		L												
CO4	The student shall be able prepare 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 develop Time and Cost management.											L				
	COURSE NAME: F44: PAPER – II ACCOUNTS AND STATISTICS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	To understand the statutory provisions regarding preparation of companies final accounts. Provision for interest on debentures, Proposed Dividends, Interim Dividend.	H				M						L		L		
CO2	To understand 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 know the concept 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 understand the concept index number, Uses, types, Methods and Test of consistency of Index No.	M														
CO5	Ability to solve complex problems	M												L		
	COURSE NAME: MANAGERIAL SKILLS – II	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able to understand 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 understand 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 understand 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 understand 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 learn 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.															
	COURSE NAME: E-44: PAPER-IV E-Commerce	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able to understand the Electronic Commerce and the Trade Cycle.	M	M								L					L
CO2	The student shall be able understand the provisions and procedures of IT Act 2000 and Cyber Crimes	H		M		M					L		L			
CO3	The student shall be able demonstrate the E-payment System	M														
CO4	The student shall be able demonstrate the E-commerce applications in various industries	M				L										
CO5	The student shall be able to learn E-commerce applications in various industries like banking and insurance.	H			M			M				L				
	COURSE NAME: E44: Paper IV Company Law	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student shall be able make use of various important provision of company law in trade and commerce	M	L													
CO2	The student shall be able apply and interpret the provisions of Capital, Shares-types and issue management as per companies Act		H		M	L										
CO3	The student shall be able Interpret 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 interpret 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 learn corporate management and government regulation for corporate business and winding up of companies.	M														
	COURSE NAME: C- 42 Paper II Project Work	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CO1	The student will be able to choose an appropriate topic for study and will be able to clearly formulate & state a research problem					H										
CO2	The student will be able to compile the relevant literature and frame hypotheses for research as applicable								L	L						

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

Dr. S.B. Ingle

Graduate Attribute

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

Dr. M.D. Gadhane

Dr. R. Achilkar

Sanjay Karishwar

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