

PROGRAM NAME: B.SC. FINANCE

Graduate Attributes

Analytical skills

Technical proficiency

Financial knowledge

Ethical awareness

Communication skills

Problem-solving ability

Teamwork and collaboration

Global perspective

Adaptability

Research skills

PROGRAM OUTCOMES:

1. Ability to acquire conceptual clarity of various functional areas of a business.
2. Ability to analyze various functional issues affecting the organization.
3. An ability to evolve strategies for organizational benefits.
4. Capability of analysis and interpretation of the data which is used in decision-
5. making.
6. Capability to develop models / frameworks to reflect critically on specific business contexts.
7. Skill for effectively communicating through both oral and written means.

8. Skill for working in Groups while exhibiting skills like empathy, EQ, managerial and interpersonal skills.
9. Development of social sensitivity among students.
10. Development of ethical practices and inculcating values for better corporate governance.
11. Development of a sense of responsible corporate citizenship and accepting non-profit initiatives.
12. Capability to gain insight into the global environment and its impact on business.
13. Capability to gain in-depth knowledge of the finance domain and various financial products.

COURSE OUTCOMES

Semester	Course Name	Course Outcomes	
SEMESTER I			
I	Soft Skills	CO-1	Demonstrate effective oral and written communication.
		CO-2	Demonstrate Ability to work in Groups. Exhibit skills like empathy, EQ, Managerial and inter-personnel Skills.
		CO-3	Demonstrate understanding of social cues and contexts in social interaction.
		CO-4	Develop Ethical Practices and Imbibe Values for Better Corporate Governance.
		Co-5	Exhibit professionalism that helps them fulfil their varied roles.
	Corporate Communications	CO-1	Develop an understanding of the complexity and challenges involved in the communication process.
		CO-2	Enhance listening, speaking, reading and writing skills among the students.
		CO-3	Demonstrate effective oral and written communication while providing an insightful understanding of the global business environment.
		CO-4	Demonstrate ability to work in groups by exhibiting empathy, EQ, managerial and interpersonal skills.
	Financial Markets & Institutions	CO-1	Understand and critically discuss the existence of Indian financial markets, institutions and intermediaries.
		CO-2	Evaluate different financial instruments and their application in real-life scenarios.
	Indian Knowledge System	CO-1	Demonstrate an understanding of the relevance of traditional Indian knowledge systems in modern times.
		CO-2	Develop an interdisciplinary understanding of India's contribution towards science and technology.
		CO-3	Develop a perspective on the evolution of Indian society and the changing role of the State.
		CO-4	Critically evaluate the contribution of Indian traditions of Yoga and Ayurveda towards maintaining physical and mental health.
		CO-5	Develop a practitioner's understanding of traditional knowledge and practices.
	Indian Management	CO-1	Understand and interpret Indian managerial tools and practices applicable in the business

			world.
	Thoughts	CO-2	Recognize & evaluate how Indian management practices are used around the world in different organizations.
		CO-3	Appraise the problems encountered in the managerial world and choose the possible solutions.
		CO-4	Develop the ability to distinguish between the core differences between Indian and Western management approaches to business.
	Business Accounting and Analysis	CO-1	Understanding basics of accounts: GAAP meaning, capital revenue expenditure, Debit credit rules, drafting journal entries.
		CO-2	Demonstrating the ability to read and draft financial statements of Sole Proprietor and Joint stock companies.
		CO-3	Analyse and interpret financial statements by applying analytical tools such as Comparative, common size and trend.
	Quantitative Techniques-I	CO-1	Implement the concepts discussed in Quantitative Techniques-I when making decisions in various management domains such as marketing, finance, economics, and more.
		CO-2	Develop the capability to analyze and interpret data utilizing time series modelling and prediction, probability, and probability distribution upon completion of the course.
		CO-3	Able to construct fundamental models and frameworks that refer to practical situations.
		CO-4	Applying group learning principles when undertaking a statistical project using real-world data and Microsoft Excel upon completion of the course.
SEMESTER II			
II	Corporate Finance - I	CO-1	Analyse and evaluate the various proposals in business using capital budgeting techniques to select the best proposal.
		CO-2	Understand how to manage working capital in the business.
		CO-3	Apply the tools for decision-making.
	Financial Statement Analysis	CO-1	Develop analytical and critical thinking abilities.
		CO-2	Understand, interpret and analyze financial data and other financial information for proper decision-making.
		CO-3	Understand various tools for financial statement analysis.
	Quantitative Techniques - II	CO-1	Understand the application of Quantitative Techniques-II concepts in decision-making in marketing, finance, economics, and other management areas.

		CO-2	Able to analyze and interpret the data using time series modelling and prediction, probability & probability distribution
		CO-3	Able to create basic models and frameworks for real-life scenarios.
		CO-4	Able to utilize group learning while working on a Statistical Project on real-life data in MS Excel.
	Principles of Management	CO-1	Understand and interpret the managerial tools and practices applicable in the business world.
		CO-2	Discover & evaluate how different management systems and approaches are used around the world in different organizations.
		CO-3	Appraise the problems encountered in the managerial world and choose the possible solutions.
	Essentials of IT	CO-1	Understand the power of the MS excel basic and advanced functions and its applications in various other financial subjects and also in business.
		CO-2	Analyze any kind of data source and build effective data visualizations using Power BI.
	Advanced Excel	CO-1	Use of advanced functions in Ms-Excel and its applications in business.
		CO-2	Demonstrate the ability to develop models/frameworks to reflect critically on specific business contexts.
	Environmental Management and Business Ethics	CO-1	An ability to learn to make environmentally ethical decisions in the personal & organizational context
		CO-2	Ability to illustrate knowledge and skills in the context of different sub-areas of environmental science
		CO-3	An ability to be a stakeholder entrepreneur and understand a business that grows sustainably & exponentially and also makes the world a better place to live.
		CO-4	An ability to demonstrate the ability to evolve environmentally friendly & Sustainable business strategies.
SEMESTER III			
III	Debt Markets	CO-1	Able to get conversant with various aspects of debt markets.
		CO-2	Able to analyze various debt market instruments.
		CO-3	Get practical exposure to various fixed-income derivatives, fixed-income instruments risk management and fixed-income portfolio management.
	Organizational Behaviour and Human Resource	CO-1	Analyse and interpret the knowledge gained from insights of one's own and that of other's personality for personal and professional development.

Management	CO-2	Evaluate the dimensions of human capital leading to organizational effectiveness.
	CO-3	Able to infer the strategic role of Human Resource functions in developing organizational agility.
Financial Statement Analysis and Business Valuation	CO-1	Help students in developing analytical and critical thinking abilities.
	CO-2	Equip students with the ability to understand, interpret and analyze Financial data and other financial information for proper decision-making.
Corporate Finance	CO-1	Understand various financing sources and cost calculation of individual components, and the cost of capital as a whole for corporations.
	CO-2	Understand basic concepts related to financing and dividend decisions.
	CO-3	Analyze the capital structure of companies by using various tools and techniques.
	CO-4	Interpret and implement various theories in making corporate financial decisions in the areas of dividends, Leverage and Merger & Acquisition.
Operations Research	CO-1	Understand the applications of OR concepts in decision-making in marketing, finance, production, and other management areas.
	CO-2	Analyse and interpret the data using Linear Programming Problems, Transportation and Assignment methods, Replacement Theory, Simulation, and Network Analysis for managerial decision-making.
	CO-3	Utilise group learning while working on a research project based on applications of OR.
Business Policy and Strategic Management	CO-1	Understand the concept of strategy along with the strategic management process followed by organizations to achieve organizational goals.
	CO-2	Understand and assess the Internal and External Business environment affecting an organization.
	CO-3	Gain clarity regarding the various Corporate and Business Level Strategies available to organizations.
	CO-4	Analyse various Corporate and Business Level Strategies of an organization and discuss their understanding with respect to the same.

SEMESTER IV

IV	Financial Reporting Standards and Analysis	CO-1	Acquire the knowledge of Indian Accounting Standards as a language of Financial Reporting.
		CO-2	Comprehend the principles to recognize and measure the elements of Financial Statements and apply the same for value-added Financial Reporting.

		CO-3	Able to gain the knowledge of effective Audit of Financial Statements as per the enactments.
	Research Methodology	CO-1	Able to apply various concepts and tools used in research in different fields.
		CO-2	Able to analyze and interpret data through descriptive and inferential statistics.
		CO-3	Able to present their findings in a clear, accurate and concise manner through research reports.
	Indian Economy in Global Scenario	CO-1	Understand and distinguish between the concepts of economic growth and economic development and understand the challenges in achieving these objectives.
		CO-2	Understand how Indian economic policies have evolved over the years and their impact on India's growth story.
		CO-3	Awareness about the difficult challenges of poverty, unemployment and inequality.
		CO-4	Understand how India's demography is a blessing and a challenge for India's economy.
		CO-5	Analyze the growth trends of different sectors of the Indian economy and understand the various challenges they face.
	Financial Modelling	CO-1	Create financial models for forecasting financials and perform analysis.
		CO-2	Create models for advanced valuation.
		CO-3	Create other models to achieve different objectives.
	Banking and Insurance	CO-1	Analyse Bank Performances.
		CO-2	Comprehend the offerings by Insurance Companies.
		CO-3	Identify the problems and provide solutions for Banking.
	Alternative Investment Markets	CO-1	Explain the various avenues of alternative investments, their risks, and rewards associated with them globally as well as in the Indian context.
		CO-2	Appraise the value of various alternative instruments, such as Real estate, Hedge Funds, Private Equity, and Commodities, etc., by using various tools & techniques.
		CO-3	Analyze the various trading strategies and regulatory framework of Alternative Investments.
SEMESTER V			
V	Derivatives and Risk Management	CO-1	Understanding of methods to recognize and measure financial risks.
		CO-2	Apply the concepts learned to be able to take actions to mitigate financial risks.
		CO-3	Understand the use of financial derivatives in mitigating financial risks.
		CO-4	Develop models and strategies to measure and mitigate financial risks.
	International Finance	CO-1	Evaluate the Global Financial Environment and the International Monetary System.

		CO-2	Analyze the Foreign Exchange Markets and learn about theories governing them.
		CO-3	Evaluate the Foreign Exchange exposures of a firm.
		CO-4	Build financing options for a global firm.
		CO-5	Critically apprise the types of foreign exchange Risks and their management.
	Business Analytics	CO-1	Examine and clean the data for further processing.
		CO-2	Identify correct statistical tools to apply to solve business problems.
		CO-3	Learn the process of building a model using historical data.
		CO-4	Compare different models and choose the most appropriate model for predictions.
	Investment Analysis and Portfolio Management	CO-1	Analyse and interpret the company data, stock and fund data using various statistical tools and finance tools. They should be able to analyze the investment Performance in terms of risk and return.
		CO-2	Demonstrate the ability to apply various portfolio management theories and construct portfolios based on Domestic and International Investment products, as well as analyze their portfolio performance using appropriate performance evaluation tools.
		CO-3	Understand the Global Investment Eco-system, construct Global Portfolios, evaluate the performance of International Portfolios, and identify the Risks and Return dynamics of International Investing.
		CO-4	Ability to analyse financial plans and wealth management.
	Soft Skills	CO-1	Demonstrate effective oral and written communication.
		CO-2	Demonstrate Ability to work in Groups. Exhibit skills like empathy, EQ, Managerial and inter-personnel Skills.
		CO-3	Demonstrate understanding of social cues and contexts in social interaction.
CO-4		Develop Ethical Practices and Imbibe Values for Better Corporate Governance.	
Corporate and Business Law	CO-1	Acquire the ability to analyze various functional issues affecting the organization and thereby understand provisions of Business, corporate, and industry-related Laws.	
	CO-2	Able to apply and implement various laws through interpretation, case studies and problems involving issues in business and industrial laws.	
	CO-3	Understanding the legal system and applicable regulations related to business and thereby creating awareness about applicable provisions and legal compliance. Also, understand the legal recognition of transactions done through electronic way or the use of the internet, including the protection against cybercrimes and protection of privacy of internet users.	

		CO-4	Develop Ethical Practices and Imbibe Values for Better Corporate Governance.
	Environmental Management and Corporate Governance	CO-1	Equipped with the right tools to identify the ethical dilemmas and understanding of tools to enable ethical decision-making.
		CO-2	Awareness of psychological biases that prevent ethical conduct in business and various situations.
		CO-3	Learn about global trends that influence our environment and living conditions and how different management systems and approaches are used around the world to manage the environment.
		CO-4	Explore the idea of how to become a stakeholder entrepreneur and create a business that grows sustainably & exponentially and also makes the world a better place to live.
		CO-5	Able to demonstrate the ability to evolve Environmentally friendly & Sustainable business strategies.

SEMESTER VI

VI	Technical Analysis	CO-1	Able to understand the underlying process and computation of the technical analysis techniques, apply them for trades on securities and back-test and develop strategies to trade.
	Marketing of Financial Services	CO-1	Able to develop a holistic understanding of the application of marketing in the context of financial services.
		CO-2	Able to develop communication and critical thinking skills required to address various marketing and selling problems in the financial services industry.
	Financial Reporting Standards and Analysis - II	CO-1	Hypothesize from various stakeholders' perspectives the importance of Ind AS and IFRS on General Purpose Financial Statements and Specific Financial and Analytical Reporting.
		CO-2	Integrate the impact of Ind AS and IFRS on various Financial Statements and analyze the financial statements with respect to the same.
		CO-3	Develop an understanding of the International Financial Reporting Standards (IFRS) on various general-purpose financial statements and special-purpose financial reporting, especially from the perspective and angle of various stakeholders.
		CO-4	Demonstrate the influence and effect of IFRS/Ind AS on various Financial statements and Reports and also learn how to analyze the same from the Investor's point of view.
	Financial Planning & Wealth Management	CO-1	Understand various concepts of Financial Planning and wealth Management.
		CO-2	Apply these concepts in developing Financial plans for different categories of people based on their Risk profile, Life cycle stage and Investment psychology.

		CO-3	Evaluate and recommend the investors changes needed in their saving and investment habits and also in the selection of Investment products.
	Direct and Indirect Tax	CO-1	Understand & apply the basic concepts of income tax law and determine the residential status.
		CO-2	Compute income under all the five heads of income under income tax law.
		CO-3	Understand & apply provisions of clubbing of income, setoff and carry forward of losses, deductions from gross total income and computation of total income and tax thereon for an individual assesses, including computation of tax under optional tax regime.
		CO-4	Understand the process of computation of GST (including composition levy) and input tax credit and determine the time of supply, place of supply and type of supply and compute GST accordingly.
	Applied Econometrics	CO-1	Understanding key statistical concepts used in quantitative modelling of business data analysis.
		CO-2	Understanding multiple regression concepts and techniques for cross-section and time series data.
		CO-3	Interpreting and analyzing regression results for business decision problems.
		CO-4	Understanding model selection criteria.

PO AND CO MAPPING

Semester	Course	CO No.	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	
I	Soft Skills	CO-1						H		M					
		CO-2							H	H					
		CO-3									H				
		CO-4									H				
		CO-5										M			
	Corporate Communications	CO-1	H	M											
		CO-2							H						
		CO-3							H					H	
		CO-4								H		M			
	Financial Markets & Institutions	CO-1	M												
		CO-2		M		M									
	Indian Knowledge System	CO-1	M	M	L						M				
		CO-2		L										L	
		CO-3									M				
		CO-4								M					
		CO-5									M				
	Indian Management Thoughts	CO-1	M	M							M				
		CO-2			L	M									
		CO-3			H		M			M					
		CO-4	M					H							
	Business Accounting and Analysis	CO-1	H												
		CO-2	M												
		CO-3					H			M					
	Quantitative Techniques-I	CO-1	H	M			H								
		CO-2					H	H							
		CO-3					M	M							
		CO-4					H		H	M					

Semester	Course	CO No.	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	
II	Corporate Finance - I	CO-1				H								H	
		CO-2	H												H
		CO-3					H			M					H
	Financial Statement Analysis	CO-1						H							H
		CO-2	H	H			H								H
		CO-3	H							M					H
	Quantitative Techniques -II	CO-1	M	M			H								
		CO-2					H								
		CO-3					M	M							
		CO-4					H		H	H					
	Principles of Management	CO-1	H	H	L										
		CO-2						M		M					
		CO-3	M			M									
	Essentials of IT	CO-1	L	M			H				M				
		CO-2	M	L	L		H		L	M					
	Advanced Excel	CO-1		M			H		L						
		CO-2						M							
	Environmental Management and Business Ethics	CO-1										H	H		
		CO-2	M												
		CO-3								M				L	
CO-4											L	M			

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III	Debt Markets	CO-1	H	M	L									H	
		CO-2		H		H									H
		CO-3				L	M			M				M	H
	Organizational Behaviour and Human Resource Management	CO-1	M	M						L	M				
		CO-2									M	M			
		CO-3		M	M										
	Financial Statement Analysis and Business Valuation	CO-1				L	H								M
		CO-2		H		H				M					H
	Corporate Finance	CO-1	H												H
		CO-2	H												H
		CO-3		H	H										H
		CO-4				H				M					H
	Operations Research	CO-1	M	H											L
		CO-2		H											L
		CO-3		L		H				H					
	Business Policy and Strategic Management	CO-1	M	M											
		CO-2			H		H								
		CO-3		H		H									
		CO-4				L				M				L	

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IV	Financial Reporting Standards and Analysis	CO-1	L	M										H	
		CO-2				H	M							H	
		CO-3			H					M					H
	Research Methodology	CO-1	H	M	L										
		CO-2			M	M									
		CO-3							M	H					
	Indian Economy in Global Scenario	CO-1	H	H											
		CO-2			M										
		CO-3									H				
		CO-4								M					
		CO-5			M										
	Financial Modelling	CO-1				M	H								H
		CO-2				M	H								H
		CO-3				M	H			M					H
	Banking and Insurance	CO-1				M									
		CO-2		M											
		CO-3			H					M					
	Alternative Investment Markets	CO-1				M	M								H
		CO-2				H	M							M	H
		CO-3					H			M					H

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V	Derivatives and Risk Management	CO-1	M		H	H	H							H	
		CO-2		M		H									H
		CO-3			M										H
		CO-4			M	M				M					H
	International Finance	CO-1		M										H	H
		CO-2	L	M										H	H
		CO-3					L			M				H	H
		CO-4						M						H	H
		CO-5						M						H	H
	Business Analytics	CO-1		M											
		CO-2		H			H								
		CO-3						H		M					
		CO-4						H							
	Investment Analysis and Portfolio Management	CO-1		M	H										H
		CO-2		M	H			H							H
		CO-3		M				M							H
		CO-4			H			H		M					H
	Soft Skills	CO-1							H		M				
		CO-2								H	H				
		CO-3									H				
		CO-4									H				
	Corporate and Business Law	CO-1		H	H										
		CO-2	H		H										
		CO-3			H					M					
		CO-4										H			
	Environmental Management and Corporate Governance	CO-1	L								M	H			
		CO-2	L								M	H		H	
		CO-3								M	H		M		
CO-4									M	H	M	M			
CO-5												H			

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VI	Technical Analysis	CO-1	H		H				M					H	
	Marketing of Financial Services	CO-1	H	M											H
		CO-2			M		H			H					H
	Financial Reporting Standards and Analysis - II	CO-1					H	H							H
		CO-2					H	H							H
		CO-3								M				H	H
		CO-4							H						H
	Financial Planning & Wealth Management	CO-1	H												H
		CO-2				H	H								H
		CO-3						H		M					H
	Direct and Indirect Tax	CO-1	M	H											H
		CO-2		H											H
		CO-3		L			M								H
		CO-4		M						M					H
	Applied Econometrics	CO-1	H												H
		CO-2	H				M								
CO-3						H	L		M						
CO-4							H								