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2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

PROGRAMME NAME: MASTER OF BUSINESS ADMINISTRATION

Program Educational Objectives (PEOs)

PEO1: To inculcate knowledge in students with experiential learning and prepare the foradvance study and life long learning.

PEO2: To develop strategic understanding of fundamental principles of business and competencies in the area of accounts, marketing, interpersonal skills, human resourcemanagement and entrepreneurship.

PEO3: To train the students for dynamic business environment and apply their perspectivesthrough innovation and creativity.

PEO4: To develop competencies in qualitative and quantitative techniques to analyze thebusiness data as well as developing an understanding of economic, legal and social environment of Indian business.

PEO5: To inculcate leadership skills, professionalism, effective communication skills, interpersonal skills and team work in students so as to enable them to manage and collaborate in diverse work environments.

PEO6: To develop responsiveness to social issues and ability to identify business solutions toaddress the same. Students will also be able to understand the issues of business ethics.



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Program Outcomes (POs) The program outcomes specify the knowledge, skills, values and attitudes students are expected to attain in courses or in a program. The six outcomes of MBA program are as Below:

- 1. Business Environment and Domain Knowledge: Economic, legal and social environment of Indian business.. Graduates are able to improve their awareness sand knowledge about functioning of local and global business environment and society. This helps in recognizing the functioning of businesses, identifying potential business opportunities, evolvement of business enterprises and exploring the entrepreneurial opportunities.
- 2. Critical thinking, Business Analysis, Problem Solving and Innovative Solutions: Competencies in quantitative and qualitative techniques. Graduates are expected to develop skills on analysing the business data, application of relevant analysis, and problem solving in other functional areas such as marketing, business strategy and humanresources.

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Affiliated to IKG-PTU (Kapurthala) & Approved by AICTE (New Delhi) <u>Course Outcomes</u>

Serial No.	Course Code and Name	Course Outcomes
1.	MBA101-18 Foundations OfManagement	CO1: Describe fundamental concepts and principles and conventions of accounting. CO2: Explain the role and responsibilities of managers and adapt to the various styles of management across organizations. CO3: Develop analytical abilities to face the business situations. CO4: Apply various tools that would facilitate thedecision making process in the business. CO5: Develop peer based learning and working ingroups and teams. CO6: To comprehend the application of various controlling techniques in management.



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	MBA 102-18 anagerial Economics	CO1: Understand the basic concepts of economicsand relate it with other disciplines and identify theimportance of economics in managerial decision making. CO2: Measure price elasticity of demand, understand the determinants of elasticity and apply the concepts of price, cross and income elasticity of demand. CO3: Analyze the demand and supply conditions and assess the position of a company and explain the concepts of factors of production, collective bargaining and the underlying theories of factors of production. CO4: Recognize the relationship between shortrun and long-run costs and will also be able to establish the linkage between production CO5: Compare and contrast four basic types of market i.e. perfect, monopoly, monopolistic and oligopoly and can determine price and output under different market types. CO6: Understand basic concepts of macroeconomics and shall be able to measure national income using different approaches.
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Affiliated to IKG-PTU (Kapurthala) & Approved by AICTE (New Delhi) CO1: To have a deeper and rigorous understanding of fundamental concepts in business decision making under subjective conditions. CO2: To apply the concepts of central tendency and variation in managerial decision making. CO3: To enhance knowledge in probability theory and normality and its distribution concepts. CO4: To understand the concept of correlation

CO6: To apply the operations techniques in reality to market scenario.

CO5: To apply the learnt techniques to build the best fit route of transportation for carrying

regression analysis and their applications.

schedule of activities.

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4.	MBA 104-18 Management And Reporting	CO1 – To familiarize the students about the basic concepts, principles and process of accounting and to make them aware about the formats of financial statements of public limited, banking and insurance companies. CO2 – To explain the students about the concepts of cost and various intricacies for preparing the cost sheet. CO3 – To acquaint students about the decision making techniques using the concepts of marginal costing, standard costing and budgetary control. CO4 – To enable the students to analyze financial statements using various tools for financial analyze and interpret the financial position of a business organization. CO5 – To familiarize the students about the contemporary developments in the accounting. CO6 – To make students aware about the recent developments in financial reporting and regulations so that they may understand and appreciate the concept and process of harmonization of financial reporting practices.
5.	MBA 105-18 Business Environment And Indian Economy	CO 1: Outline how an entity operates in a complex business environment. CO 2: To systematically learn impact of legal & regulatory, macroeconomic, cultural, political, technological, global and natural environment on Business enterprise. CO 3: To examine the critical opportunities and threats that arise from an analysis of external business conditions by applying scenario planning to synthesize trends prevailing in the external environment.
		CO 4: To describe how various types of economic systems play a significant role in the success of a business. CO 5: To understand the nature of Indian Economy and various issues relating to Indian Economy having a direct or indirect impact on business environment. CO6: To discuss various development strategies in India.



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6.	MBA 106-18 Business Ethics And Corporate Social Responsibility	CO1: To integrate and apply contemporary Ethics & Governance issues in a business context CO2: To analyze and apply ethics to contemporary business practices. CO3: To analyze key perspectives on corporate social responsibility and their application. CO4: To evaluate different corporate ownership structures and their key governance features. CO5: To understand the ethical decision making, ethical reasoning, the dilemma resolution process. CO6: To analyze and apply corporate governance perspectives to contemporary business practices.
7.	MBA 107-18 Business Communication For Managerial Effectiveness	CO1 - To understand the basics of communication and its process, and the various barriers in the communication. CO2 - To learn the listening skills and comprehend the value of business etiquettes CO3- To comprehend Non - Verbal communication skills and its application for effective Communication. CO4 - To learn the skills of writing effective business messages, letters and reports CO5- To develop the presentation skills and learning to organize and structure a Presentation using visual aids CO6 - To prepare the students for interview, employment messages and resume writing skills.
8.	MBA 201-18 Business Analytics for Decision Making	CO1: To have a deeper and rigorous understanding of fundamental concepts in business decision making under subjective conditions CO2: To enhance knowledge in probability theory



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		and normality and its distribution concepts CO3: To conduct research surveys through multiple regression and multiple correlation CO4: To design a good quantitative purpose statement and good quantitative research questions and hypotheses CO5: To know the various types of quantitative sampling techniques and conditions to use. CO6: To utilize the time series method to predict the future of sales in a concern. CO1. Students shall be able to understand the legal and regulatory framework of business
9.	MBA 202-18 Legal Environment for Business	environment. CO2. Students shall be able to identify the fundamental legal principles behind contractual agreements. CO3. Students shall be able to understand the legal provisions of sales of goods. CO4. Students shall be able to understand the concept of negotiable instruments as well as rules pertaining to crossing, transferring and dishonoring of negotiable instruments. CO5. Students shall have understanding of legal rules governing admission, retirement and death of partner and dissolution of partnership firm. CO6. Students shall be able to understand the legal framework relating to the process of incorporation of Joint Stock Company
10.	MBA 203-18 Marketing Management	CO1 - To learn the basics of marketing, selling, marketing mix and its core concepts. CO2 - To understand the intricacies of the marketing environment and marketing information systems for effective marketing planning and strategies. CO3- To equip the students with necessary skills for effective market segmentation, targeting and positioning CO4 - To prepare the students for understanding the various components of product mix, product life cycle and comprehend the new product development process. CO5- To develop an understanding of promotion



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mix and strategies for successful promotion CO6 - To gain knowledge about the emerging

		trends in marketing and pyramid marketing.
11.	MBA 204-18 Human Resource Management	CO1- To explain the basics of Human Resource Management and analyze the evolution of HRM. CO2- To comprehend the environment of HRM. CO3: To appraise various functions of HRM that facilitate employee hiring viz. human resource planning, job analysis recruitment and selection. CO4: To understand the role of training, development, career planning and performance appraisal functions in human resource development. CO5: To examine the provisions of employee health, safety and welfare. CO6: To analyze the concerns of government, employees and employers in establishing Industrial relations. CO7: To illustrate mechanisms adopted by the organizations for settlement of disputes and grievances.
12.	MBA 205-18 Production & Operations Management	CO1: Understand ever growing importance of Production and Operations management in uncertain business environment. CO2: Gain an in-depth understanding of resource utilization of an organization. CO3: Appreciate the unique challenges faced by firms in services and manufacturing. CO4: Understand the subject as a crucial part of functional management. CO5: Develop skills to operate competitively in the current business scenario. CO6: Understand the concepts of inventory and purchasing management.



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13.	MBA 206-18 Corporate Finance and Indian Financial System	CO1- To explain the evolution, objectives and functions of corporate finance and interface of corporate finance with other functional areas. CO2- To illustrate the concept of time values of money and valuation of securities. CO3: To comprehend the significance of capital structure theories in capital structure decisions. CO4: To understand the applications of approaches of working capital management. CO5: To be able to describe the role of various financial institutions on Indian financial system. CO6: To discuss the evolution of financial markets and various financial instruments.
14.	MBA 207-18 Entrepreneurship Development and Project Management	CO1- To explain the characteristics, functions and traits of an entrepreneur. CO2- To illustrate the concept of corporate entrepreneurship and development of the same in the organizations. CO3: To comprehend the significance of women entrepreneurs, rural entrepreneurship and social entrepreneurship. CO4: To examine entrepreneurial strategies to explore new entry opportunities, methods of enhancing creativity and generation of ideas. CO5: To be able to develop an effective business plan. CO6: To explain the basic concepts of project management and analyze different phases of project management viz. generation and screening of project ideas, project analysis, selection, financing, implantation and review.



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15.	MBAGE 201-18 Computer Applications for Business	CO1: Develop understanding of computer fundamentals, functions and their classifications CO2: Develop a clear understanding and knowledge about the functioning of a Computer software and window operating system CO3: Demonstrate proficiency in Microsoft word & Excel. CO4: Apply formatting and editing features to enhance worksheets. CO5: Use styles, themes, and conditional formats to customize worksheets. CO6: apply the concepts of data base and Access for editing Data; managing reports and labels, Managing Multiple Tables.
16.	MBA 301-18 Organizational Behaviour & Design	CO1- To explain the basics of Organizational behaviour and various challenges for OB in national and global environment. CO2- To illustrate the foundations of Individual Behaviour and analyze the influence of individual level factors viz. learning, personality, perception, attitude and motivation on behavior in organizations. CO3: To assess the significance of leadership and role of leadership styles in effectiveness of the team. CO4: To examine the dynamics of group

development, group properties and formation of organizational culture.
CO5: To demonstrate dimensions of
organizational design and types of organizational
structure and to analyze the influence of
environment on organizational design.
CO6: To interpret the effect of political climate
(conflict, power and politics) on human behavior.



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17.	MBA 302-18 Marketing Research	CO1: Understand the process of marketing research and its application in managerial decision making CO2: Identify various sources of data for marketing research. CO3: Examine different research methods and be able to apply them. CO4: Identify different research designs and develop a research proposal. CO5: Design an effective questionnaire and test reliability and validity of the scales.
18.	HVPE 101-18 Human Values, De- Addiction And Traffic Rules	CO6: Apply different methods of data preparation and data analysis. CO1: Understanding the need, basic guidelines, content and process for Value Education Understanding Harmony in the Human Being - Harmony in Myself. CO2:Understanding Harmony in the Family and Society- Harmony in Human-Human Relationship CO3: Understanding Harmony in the Nature and Existence - Whole existence as Co-existence. CO4:Implications of the above Holistic Understanding of Harmony on Professional Ethics CO5: Understanding and living in harmony at various levels Self Exploration—what is it? - its content and process; 'Natural Acceptance' and Experiential Validation- as the mechanism for self exploration CO6: Understanding Happiness and Prosperity correctly- A critical appraisal of the current scenario.

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		CO1: Provide an understanding of how consumers
		make decisions.
		CO2: Analyze personal and environmental factors
		that influence consumer decisions.
		CO3: Understand the processes used when
		individuals, group or organizations make buying
	ND 4 021 10	decisions.
10	MBA 921-18	CO4: Understand how and why marketers craft
19.	Consumer Behavior	particular messages to appeal to consumers.
		CO5: Understand the interrelationship with other
		functional areas of business as a part of the
		management process.
		CO6: Assess the process of opinion leadership and
		its relationship with firm's promotional strategy.
		CO1: Understand the fundamental concepts of
		service marketing and its functions.
		CO2: Identify the role and significance of various
		elements of service marketing mix.
		CO3: Analyze customer requirement, measure
		service quality and design and deliver better
	a Table 1	service.
		CO4: Analyze integrated services
	MBA 922-18	marketing communications and services
20.	Services Marketing	marketing triangle. CO5: Examine various pricing
		strategies and pricing approaches in service
		sectors.
		CO6: Understand service marketing applications
		in different service sectors.
		CO1 – To familiarize the students about the basic
		concepts, various investment avenues, process of
		investment and market microstructure of financial
		markets.
		CO2 - To enable students to understand the
		operation of primary as well as secondary markets
	**-*	in India and to understand the concepts of risk and
		its measurement.
		CO3 – To familiarize the students with the
		concepts and process of fundamental analysis so
	MBA 911-18	that they may understand the impact of various
21.	Investment Analysis and	environmental factors on investment valuation.
M1.	Portfolio Management	CO4 – To explain the concepts and process of
		technical analysis and enable the students to
		understand the role of daily price movements in



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		portfolio management. CO5 – To explain the concepts, process and techniques for portfolio construction, evaluation and revision. CO6 – To familiarize the students about the financial derivatives and computation of their expected payoffs.	
22.	MBA 912-18 Management of Financial Services	CO1: To understand the concept of financial services and their importance. CO2: To know the structure and schemes of mutual funds. CO3: To understand the importance and process of Dematerializations and re-materialization. CO4: To know the structure and system of credit rating ,leasing ,merchant banking and venture capital. CO5: To know the process and importance of factoring and securitization. CO6: To understand the process of asset liability management and risk management in banks	
23.	MBA 931-18 Organizational Change and Development	CO1:Develop understanding of organization change and Define, explain and illustrate theories of planned change, their relevant foundations, strengths and weaknesses. CO2:Recognize and comment on issues and problems arising out of organizational change initiatives. CO3:To Understand concepts related to system theory, Action Research and Models, CO4:Understand the role of various intervention strategies in organizational development. CO5:Facilitate organizational change; and apply diagnostic models and concepts to change issues at the organizational, group and individual levels. CO6: Examine various issues in the relationship between client and consultant relationship.	
24.	MBA 932-18 Employee Relations	CO1: Understand establishing & maintaining a sound relationship between the worker & the employer. CO2: Understand the significance & functioning of Trade Unions. CO3: Identify the simmering issues which might take the form of a dispute in the workplace.	



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Affilia	ted to IKG-PTU (Kapu	rthala) & Approved by AICTE (New Delhi) CO4: Examine various provisions laid down by
		laws to settle disputes in the organizations.
- "		CO5: Assess the importance of various Acts in
		Industrial Relations.
- 70, 3		CO6: Comprehend the concept and classification
		of labour welfare.
		CO1: Understand the concepts of strategic
		management process and strategic decision
		making process.
		CO2: Discuss various techniques of external as
		well as internal environmental analysis of business.
		CO3: Explain various business level and corporate
		level strategies for the growth of the business
	MBA401-18	along with their implications.
25.	Corporate Strategy	CO4: Illustrate the issues involved in strategy
		implementation and the role of leadership,
		communication and organizational structure in
		implementation of strategy.
		CO5: Develop various functional plans for
		successful implementation of strategy.
		CO6: Understand organizational systems and
		techniques of strategic evaluation and control.
		CO1: Understand opportunities and challenges in
		retail management and retail management
		decision process.
		CO2: Examine various types of retail formats and
		comprehend the application of theories of retail
7		development on business models in retail.
		CO3: Discuss and apply various function of store
		management.
	MD 4 024 10	CO4: Recognize the importance of store design
26	MBA 924-18	and apply the concepts of store design to
26.	Retail Management	determine store layout and merchandising.
		CO5: Understand the importance of customer
		service in improving retail service qualities.
		CO6: Describe the applications of IT in retailing.
		CO1: Understand what a product is, the various
		levels which make it up, and different types of
		products.
		CO2: Examine various challenges and issues
	MBA 926-18	involved in product planning and development.
27.	Product and Brand	CO3: Discuss and apply the concepts of test



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	ated to IKG-PTU (Kapurt Management	marketing and market entry of a product.
	wianagement	CO4: Recognize the features and importance of a
		brand and conduct branding research.
		CO5: Understand the concept of brand loyalty and
		measuring brand performance.
		CO6: Describe the role of various branding
		strategies in brand equity management.
		CO1: Understand the framework of international
		exchange rate system including factors
		influencing exchange rates.
		CO2: Discuss the basics of different types of
		derivative contracts like futures, options and
	MBA 915-18	swaps.
		CO3: Understand varioustypes of risks
20	International Finance and	/ exposures in forex trading and their
28.	Financial Derivatives	management. CO4: Describe various theories
		underlying the concepts of international finance.
		CO5: Understand trading strategies using options
		contracts.
		CO6: Describe the regulatory framework of
		derivatives contracts in India.
		CO1 – The students will be familiarized with the
		concepts of tax management, tax avoidance and
		tax evasion and the methods of ways of tax
		planning.
		CO2 – To acquaint students with the provision of
		the current finance act with regard to various hea
		of income.
		CO3 – To enable students to compute the tax
		liability of individuals after considering their
		residential status, various exempted incomes,
		permissible deduction, clubbing of income and
		setting off of losses.
		CO4 – To familiarize students with the concept,
		objectives and importance of personal financial
20		planning and enable the students to understand the
	MBA 916-18	implications of environmental factors and time
	Taxation and Personal Financial Planning	value of money on the personal financial
29.		statements.
		CO5 – To enable students to identify various
		types of risks any individual is exposed to and
		how they can hedge diversifiable risk.
		CO6 – To familiarize students with various



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		instruments available for investment by an individual for achieving their personal financial goals.
30.	MBA 934-18 Strategic Human Resource Management	CO1: Understand an integrated approach to the development of HR strategies that enable the organization to achieve its goals. CO2: Describe the process of strategic HRM. CO3: Discuss the strategic role of HR systems such as strategic staffing, strategic appraisal, strategic reward system etc. CO4: Explain various human aspects of strategy implementation. CO5: Identify the role of leadership in implementing strategic change. CO6: Understand Global HRM and role of globalHRM in successful implementation of MNC strategy.
31	MBA 936-18 Performance and Compensation Management	CO1: Increase the awareness of the process and principles of performance Management / appraisal. CO2:Identify the negative aspects of appraisal systems and consider how these might be overcome. CO3: Discuss performance with regard to pay awards, and whether these should, or should not be automatically related to each other. CO4: Demonstrate a familiarity with the appeal process relating specifically to the performance review. CO5: Illustrate different ways to strengthen the pay-for-performance link and also learn the concepts of Payment and employee benefits issues for contingent workers. CO6: Develop appropriate reward and compensation policies.



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32	MBA 403-18 Workshop on Indian Ethos	CO1: Comprehend and practice Indian Ethos and values system. CO2: Applying value based management and ethical practices in business. CO3: To gain the knowledge of management principles from Vedas and other holy books and explain the application of Indian heritage in business. CO4: To comprehend various stress management techniques and their applications in organizations.
		techniques and their applications in organizations. CO5: To describe salient features and advantages of ancient Indian system of learning.



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Bachelors Of Business Administration

	Bachelors Of Business	Administration
PROGRAMME	NAME-BBA	
Program Educat	tional Objectives (PEOs)	
PEO1		pertise in the area of accounts, marketing, resource management and entrepreneurship
PEO2	Graduates will develop cor techniques to analyse the b	mpetencies in qualitative and quantitative usiness data.
PEO3	Graduates will develop an environment of Indian busi	understanding of economic, legal and social iness.
Program Outcor	mes (POs)	
PO1	Evaluate and describe contextual forces (macro and micro both) in business environment and identify their impact on business operations.	
PO2	Recognise and apply various qualitative, technical and analytical methods in solving business problems.	
PO3	Communicate effectively in various business settings both in written and oral formats.	
PO4	Explain the responsibility of business towards development of society. Students will also be able to distinguish between ethical and unethical behaviours	
Serial No.	Course Code and Name	Course Outcomes
1	BBA 101 Principles and Practices of Management	CO1: Describe fundamental concepts, nature and principles of Management. CO2: Explain the role and responsibilities of managers and adapt to the various styles of management across organizations. CO3: Develop analytical abilities to face the business situations. CO4: Apply various tools that would facilitate the decision making process in the business. CO5: Develop peer based learning and working in groups and teams.



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2	BBA 102 BASIC ACCOUNTING	CO1: To understand the basic underlying concepts, principles and conventions of accounting. CO2: To identify the rules of debit and credit in accounting. CO3: To get an overview of the regulatory framework of accounting in India. CO4: To prepare trading, profit & loss and balance sheet of a firm. CO5: To comprehend the concept of depreciation and different methods to treat depreciation in accounting
3	BBA-GE 101 Managerial Economics- I	CO1: Understand the basic concepts of managerial economics and apply the economic way of thinking to individual decisions and business decisions. CO2: Measure price elasticity of demand, understand the determinants of elasticity and apply the concepts of price, cross and income elasticity of demand. CO3: Understand and estimate production function and Law of Diminishing Marginal Utility. CO4: Understand and explain four basic market models of perfect competition, monopoly, monopolistic competition, and oligopoly, and how price and quantity are determined in each model. CO5: Understand the different costs of



Affiliated	to IKG-PTU (Kapurthala) & Approved by AICTE (New Delhi) production and how they affect short and long run decisions.
		CO 1: The objective of this course is to
		introduce students to the theory, fundamentals and tools of communication. CO 2: To help the students become the independent users of English language. CO 3: To develop in them vital communication skills which are integral to
4	BTHU103/18 English	their personal, social and professional interactions. CO 4: The syllabus shall address the issues relating to the Language of communication. CO 5: Students will become proficient in professional communication such as interviews,
		group discussions, office environments, important reading skills as well as writing skills such as report writing, note taking etc



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Affiliated to	BTHU104/18 English Practical/Laboratory	& Approved by AICTE (New Delhi) CO 1: The objective of this course is to introduce students to the theory, fundamentals and tools of communication. CO 2: To help the students become the independent users of English language. CO 3:To develop in them vital communication skills which are integral to personal, social and professional interactions. CO 4: The syllabus shall address the issues relating to the Language of communication. CO 5: Students will become proficient in professional communication such as interviews, group discussions and business office environments, important reading skills as well as writing skills such as report writing, note taking etc.
6	HVPE 101-18 Human Values, De-addiction and Traffic Rules	CO 1: To help the students appreciate the essential complementarily between 'VALUES' and 'SKILLS' to ensure sustained happiness and prosperity which are the core aspirations of all human beings. CO 2: To facilitate the development of a Holistic perspective among students towards life, profession and happiness, based on a correct understanding of the Human reality and the rest of Existence. Such a holistic perspective forms the basis of Value based living in a natural way. CO 3: To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually satisfying human behavior and mutually

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enriching interaction with Nature.



Ailinated	10 ING-F 10 (Napul Cliala	(New Delhi) CO1: To learn the basic concepts like
7 (2ND SEM)	BBA 201-18 Business Statistics	statistics and calculation of arithmetic mean, median and mode and partition values. CO2: To understand the calculation of moments, skewness and kurtosis and determining whether the given distribution is normal or not. CO3: To be acquainted with prerequisite knowledge required to understand the Probability and applications of probability theory. CO4: To understand the concept of correlation regression analysis and their applications. CO5: To apply the learnt techniques in
8	BBA202-18 Business Environmen	statistical testing and their applications CO1: To Identify and evaluate the complexities of business environment and their impact on the business. CO2: To analyze about the relationships between Government and business and understand the political, economic, legal and social policies of the country. CO3: To understand the current economic conditions in developing emerging markets, and evaluate present and future opportunities. CO4: To be acquainted with prerequisite knowledge required to understand the Probability and applications of probability theory. CO5: To understand the concept of the

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Industrial functioning and strategies to

challenges in competitive markets.

overcome



9	Affiliated to IKG-PTU (Kapurthal BBAGE 201-18 Managerial Economics-1	a) & Approved by AICTE (New Delhi) CO1: Explain the concept of national income and its measurement using different approaches. CO2: Describe the underlying theories of demand and supply of money in an economy. CO3: Make use of employment and national income statistics students will be able to describe and analyze the economy in quantitative terms. CO4: Interpret macroeconomic issues like money, inflation and unemployment. CO5: Identify the phases of the business cycle and the problems caused by cyclical fluctuations in the market economy.
10	EVS102-18 Environments	CO 1. Students will enable to understand environmental problems at local and national level through literature and general awareness. CO 2. The students will gain practical knowledge by visiting wildlife areas, environmental institutes and various personalities who have done practical work on various environmental Issues. CO 3. The students will apply interdisciplinary approach to understand key environmental issues and critically analyze them to explore the possibilities to mitigate these problems. CO 4. Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world



Affiliated to	KG-PTU (Kapurthala)	& Approved by AICTE (New Delhi)
11	BBA 301- Organizational Behaviour	CO1- To explain the basics of Organizational behaviour and various challenges for OB. CO2- To illustrate the foundations of Individual Behaviour and various factors influencing individual behaviour viz. learning, personality, perception, attitude and motivation. CO3: To examine the dynamics of group development and group properties. CO4: To understand various dimensions of organisational culture. CO5: To analyse the process of conflict management and approaches to stress management.
12	BBA 302- Marketing Management	CO1: Explain the basics of marketing, selling, marketing mix and its core concepts. CO2: Describe the intricacies of the marketing environment and marketing information systems for effective marketing planning and strategies. CO3: Develop necessary skills for effective market segmentation, targeting and positioning. CO4 – Illustrate various components of product mix, product life cycle and comprehend the new product development process. CO5– Develop an understanding of promotion mix and strategies for successful promotion



	Affiliated to	IKG-PTU (Kapurthala)	& Approved by AICTE (New Delhi)
13		BBA 303-18 COST AND MANAGEMENT ACCOUNTING	CO1: Understand and differentiate between Cost accounting and management accounting. CO2: Make managerial decisions regarding make or buy, acceptance or rejection of export offers and continuation or shut down of plant. CO3: Estimate the breakeven point of the firm. CO4: Understand and apply the concepts of budgetary control for better decision-making. CO5: Understand and estimate material, labour, overheads and sales variances for comparing planned with actual results.
14		BBA- 304 Production and Operations Management	CO1: Understand ever growing importance of Production and Operations management in uncertain business environment. CO2: Gain an in-depth understanding of resource utilization of an organization. CO3: Appreciate the unique challenges faced by firms in services and manufacturing. CO4: Understand the subject as a crucial part of functional management. CO5: Develop skills to operate competitively in the current business scenario.
15		BBA- SEC 301 IT Tools for Business	CO1: Develop understanding of computer fundamentals, functions and their classifications CO2: Develop a clear understanding and knowledge about the functioning of a Computer software and window operating system CO3: Demonstrate proficiency in Microsoft word & Excel. CO4: Apply formatting and editing features to enhance worksheets. CO5: Use styles, themes, and conditional formats to customize worksheets.



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Affiliated to IKG-PTU (Kapurthala) & Approved by AICTE (New Delhi) CO1: Explain the objectives and process of conducting research and its application in business. CO2: Analyse the different types of research design and experimental errors. CO3: Understand various techniques of sampling and methods of data collection. CO4: Examine different types of scales and

evolution of

BBA 402-18 Human

Resource Management

appraise about data preparation and analysis.
CO5: Identify and prepare various types of reports.

CO1- To explain the basics of Human

Resource Management and analyse the

HRM.
CO2: To appraise various functions of HRM that facilitate employee hiring viz. human resource planning, job analysis recruitment and selection.

CO3: To understand the role of training, development, career planning and performance appraisal functions in human resource development.

CO4: To analyse the functions of compensation management namely, wages and salary administration, incentives and fringe

benefits.
CO5: To comprehend the meaning and concept of Industrial relations.

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Affilia	ted to IKG-PTU (Kapurthala) & Approved by AICTE (New Delhi)
18	BBA 403-18 Financial Management	CO1: Apply financial data for use in decision making by applying financial theory to problems faced by business enterprises. CO2: Apply foundational finance theories and to analyse a forecast using relevant data and to conduct preliminary measurement of leverage analysis. CO3: Apply time value of money techniques to various pricing and budgeting problems. CO4: Apply modern techniques in capital budgeting analysis. CO5: Assess dividend policy's impacts on share prices and to understand the implications of Dividend decisions in financial decision making.
19	BBA GE- 401 Entrepreneurship Development	CO1: Describe the concept and theories of entrepreneurship and its role in economic development of nation. CO2: Develop business plan and identify the reasons of failure of business plans. CO3: Illustrate the steps in starting MSME. CO4: Comprehend government policies and regulatory framework available in India to facilitate the process of entrepreneurial development. CO5: Identify different sources of finance for new enterprises and assess the role of financial institutions and various government schemes in entrepreneurial development



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Affiliated	to IKG-PTU (Kapurthala)	& Approved by AICTE (New Delhi)
20	BBA SEC- 401 Business Ethics & Corporate Social Responsibility	CO1: Explore the relationship between ethics and business across different cultural traditions CO2: Understand the relationship between ethics, morals and values in the workplace CO3: Discuss the moral and social responsibility dimensions of corporate governance. CO4: Describe models of CSR in India. CO5: Assess international framework for CSR.
21	BBA 501-18-Operation Research	CO1: Formulate and solve simple and complex optimization problems. CO2:Formulate and solve transportation and assignment problems for cost minimization. CO3:Formulate and solve job sequencing and network models. CO4:Carry out economical replacement analysis for obsolete /worn out industrial equipment. CO5:Formulate and solve different inventory model problems.
22	BBA 502-18 Mercantile Law	CO1: Understand the applicability of various laws applicable to different business CO2: Understanding and implementing various contract acts applicable to business CO3: Learning and understanding the different types of negotiable instruments CO4: Understanding various acts applicable to partnership firm of business CO5: Gain knowledge about the applicability of different rights and protective laws for

consumers



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Affiliated to	IKG-PTU (Kapurthala)	& Approved by AICTE (New Delhi)
23	BBA 511-18 Consumer Behaviour	CO1: Understand the concept of consumer behaviour and the emerging trends. CO2: Acquire knowledge on factors affecting the behaviour and perception of the consumers. CO3: Learn and understand the impact of social and cultural setting on consumer behavior. CO4: Understand the process of consumer decision making.
24	BBA 512-18 Advertising and Sales Management	CO1: Understand the basic concepts of advertisements & the way these advertisements are created. CO2: Acquire knowledge about the type of media used and planning/ scheduling of media. CO3: Understand the ethics to be practiced in advertising. CO4: Identify the concept and role of Sales management CO5: Understand the hiring process of sales force management and role of technology in sales
25	BBA 521-18 Corporate Accounting	CO1: Understand and apply the basic concepts of accounting for share capital CO2: Understand accounting of preference share and debentures CO3: Acquire practical knowledge about preparation of financial statements and their provisions CO4: Understand the fundamentals of consolidation of accounts and apply them.



Affiliated to IKG-PTII (Kapurthala) & Approved by AICTE (New Delhi)

Affiliated to	IKG-PTU (Kapurthala)	& Approved by AICTE (New Delhi)
26	BBA 522-18 Financial Market and Services	CO1: Understand the prevailing financial system in India. CO2: Acquire knowledge about different financial services CO3: Comprehend the basics of financial markets in India CO4: Apprise about the roles of intermediaries and regulating bodies in Indian Financial System.
27	BBA 531-18 Industrial Relations and Labour Laws	CO1: Describe fundamental concepts and nature of Industrial Relations. CO2: To understand the nature and role of trade unions for workers and industries. CO3: To study the relevance of collective bargaining and its impact on employeemanagement relations. CO4: To understand industrial disputes and ways to resolve them. CO5: To apply various industrial legislations in business.
28	BBA 532-18 Organization Change and Development	CO1. Different approaches to managing organizational change and understand and utilize the competencies to induce and manage changes organization, group and individual levels. CO2. Understand the framework Organisational Development and its foundations CO3. Design and implement effective intervention strategies and to learn abilities to critically address problems of implementation, responsibility and measurement of effectiveness CO4. Understand the contemporary issue in OD

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		EMAIL: IIIIo@ctgroup. III
Affiliated to	IKG-PTU (Kapurthala)	& Approved by AICTE (New Delhi)
29	BBA 601-18-Strategy Management	CO1 Gain familiarity with the basics of strategy planning CO2 Understand the complete process of strategic management- planning, implementation and control CO3 Comprehend various models of strategic choice CO4 Identify and understand different types of strategy and its applicability in corporate world
30	BBA 602-18 Company Law	CO1: Understand the various clauses of Indian Companies Act-2013 CO2: Know the procedure of formation of a company and winding up of a company. CO3: Describe the borrowing powers of a company CO4: Know about the appointment and removal of directors. CO5: Develop an understanding of conducting of board and other meetings.
31	BBA 611-18 Services Marketing	CO1: Understand the different types Services and its characteristics. CO 2: Comprehend the customer centric approach in the service marketing CO3: Know about various concepts of marketing and its integration with services CO4: Infer about delivery of the services with customer centric approach.

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Jalandhar



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32	BBA 612-18 -Retailing and Logistics Management and Logistics Management and CO2	Understand the significance of retailing various retail formats available 2 Gain knowledge of retailing strategy financial and human resource agement in illing 3 Comprehend merchandise and store agement strategy 4 Develop an understanding of Supply in Management and Logistics.
33	BBA 621-18 -Personal financial planning CO com taxa instructions CO stan and core	andamental in achieving their financial s. 2: Understand the various sources of estment and credit and their respective ome tax olications. 3: Understand the concept of risk-return risk management. 4: Understand the multiple areas of aprehensive financial planning including ation, aurance, retirement, and estate planning. 5: Master the ethical guidelines and adards, disciplinary rules and procedures,



Affiliated	to IKG-PTU (Kapurthala)	& Approved by AICTE (New Delhi)
34	BBA 622-18 Direct and Indirect Tax Laws	CO 1: Describe the provisions in the corporate tax laws. CO 2: Explain different types of incomes and their taxability and expenses and their deductibility. CO 3: Learn various direct and indirect taxes and their implication in practical situations. CO 4: Use various deductions to reduce the taxable income. CO 4: Working knowledge of principles and provisions of GST.
35	BBA- 631-18 Training and Development	CO1 Understand the concepts and principles of Learning. CO2 Develop understanding about training and development concept. CO2 Able to assess training needs and select optimal method for employee Training. CO3 Develop acumen to evaluate training effectiveness. CO4 Comprehend the emerging issues for Training & development in Indian Industries.
36	BBA 632-18 Cross Cultural Human Resource Managemen	CO1: Understand issues, opportunities and challenges pertaining to Cross Cultural HRM. CO2: Develop competency in dealing with cross cultural situations. CO3: Identify the role of cross cultural leadership in managing multicultural teams. CO4: Understand external forces (e.g. globalisation, sociocultural changes, political and economic changes) that have the potential to shape Cross Cultural HRM. CO5: To understand different cultures with respect to cross culture differences.



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Bachelors of Commerce

Program Educational Objectives (PEOs)

PEO1: Graduates will develop of making a positive contribution to the accountancy in public practices, Government, commerce and industry.

PE02: Graduates will be expertise in the area of marketing, finance and human resourcemanagement.

PEO3: Graduates will develop competencies in qualitative and quantitative techniques to analyze the business data.

PEO4: Graduates will develop an understanding of economic, legal and social environment of Indian business.

PEO5: Graduates will develop responsiveness to social issues and will be able to identify business solutions to address the same. They will also be able to understand the issues of business ethics.

Program Outcomes (POs)

At the end of the program the student will be able to:

PO1: Evaluate and describe contextual forces (macro and micro both) in business environmentand identify their impact on business operations.

PO2: Recognize and apply various qualitative, technical and analytical methods in solvingbusiness problems.

PO3: Communicate effectively in various business settings both in written and oral formats.

PO4: Explain the responsibility of business towards development of society. Students will also be able to distinguish between ethical and unethical behaviors.

PO5: Apply the entrepreneurial and managerial skills for effective finance management.

PO6: Students will demonstrate progressive affective domain development of values, the role of accounting in society and business.

PO 7: Learners will be able to do higher education and advance research in the field ofcommerce and finance.

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Serial No.	Course Code and Name	Course Outcomes
1.	BCOM 101-18 Business Organization And Management	CO1: Describe fundamental concepts, nature and principles of Management. CO2: Explain the role and responsibilities of managers and adapt to the various styles of management across organizations. CO3: Develop analytical abilities to face the business situations. CO4: Apply various tools that would facilitate the decision making process in the business. CO5: Develop peer based learning and working in groups and teams.
2.	BCOM 102-18 Financial Accounting	CO1: To understand the basic underlying concepts, principles and conventions of accounting. CO 2: Identify events that need to be recorded in the accounting records. CO3: To get an overview of the regulatory framework of accounting in India. CO4: To prepare trading, profit & loss and balance sheet of a firm. CO5: Preparing accounting information for planning and control and for the evaluation of finance.

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3.	BCOMGE 101-18 Managerial Economics	consideration to concepts of managerial economics and apply the economic way of thinking to individual decisions and business decisions. CO2: Measure price elasticity of demand, understand the determinants of elasticity and apply the concepts of price, cross and income elasticity of demand. CO3: Understand and estimate production function and Law of Diminishing Marginal Utility. CO4: Understand and explain four basic market models of perfect competition, monopoly, monopolistic competition, and oligopoly, and how price and quantity are determined in each model. CO5: Understand the different costs of production and how they affect short and long run decisions.
4.	BTHU103/18 English	CO1: The objective of this course is to introduce students to the theory, fundamentals and tools of communication.

W.	CO2: To help the students become the independent
	users of English language.
	CO3: To develop in them vital communication
	skills which are integral to their personal, social and professional interactions.
	CO4:The syllabus shall address the issues relating
	to the Language of communication.
	Students will become proficient in professional
	communication such as interviews, group
	discussions, office environments, importar
	reading skills as well as writing skills such a
	report writing, note taking etc.
	CO5:The recommended readings given at the en
	are only suggestive; the students and teachers hav
	the freedom to consult other materials on various
	units/topics given below. Similarly, the
	questions in the examination will be aimed toward
	assessing the skills learnt by the students rather
	than the textual content of the recommended
	books.



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5.	AECC BTHU104/18 English Practical / Laboratory	CO1: The objective of this course is to introduce students to the theory, fundamentals and tools of communication. CO2:To help the students become the independent users of English language. CO3: To develop in them vital communication skills which are integral to their personal, social and professional interactions. CO4: The syllabus shall address the issues relating to the Language of communication. CO5: Students will become proficient in professional communication such as interviews, group discussions, office environments, important reading skills as well as writing skills such as report writing, note taking etc.
6.	AECC HVPE 101-18 Human Values, De- Addiction And Traffic Rules	CO1: To help the students appreciate the essential complementarily between 'VALUES' and 'SKILLS' to ensure sustained happiness and prosperity which are the core aspirations of all human beings. CO2: To facilitate the development of a Holistic perspective among students towards life, profession and happiness, based on a correct understanding of the Human reality and the rest of Existence. Such a holistic perspective forms the

		basis of Value based living in a natural way. CO3: To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually satisfying human behavior and mutually enriching interaction with Nature.
7.	AECC HVPE 102-18 Human Values, De- addiction and Traffic Rules (Lab/Seminar)	CO1: One each seminar will be organized on Drug De-addiction and Traffic Rules. Eminent scholar and experts of the subject will be called for the Seminar at least once during the semester. It will be binding for all the students to attend the seminar.



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8.	BMPD102-18 Mentoring And Professional Development	CO1:The objective of mentoring will be development of Overall Personality, Aptitude (Technical and General), General Awareness (Current Affairs and GK), Communication Skills &Presentation Skills CO2:The course shall be split in two sections i.e. outdoor activities and class activities. For achieving the above, suggestive list of activities to be conducted are Class Activities and Outdoor activities.
9.	BCOM 201-18 Cost Accounting	CO1: Aimed to familiarize the concept of cost accounting. CO2: Helps to gather knowledge on preparation of cost sheet in its practical point of view. CO3: Analyze and provide recommendations to improve the operations of organizations through the application of Cost techniques. CO4: Analyze cost-volume-profit techniques to determine optimal managerial decisions. CO5: Apply cost accounting methods for both manufacturing and service industry.
10.	BCOM 202-18 Business Environment	CO1: To Identify and evaluate the complexities of business environment and their impact on the business. CO2: To analyze about the relationships between Government and business and understand the political, economic, legal and social policies of the country. CO3: To understand the current economic conditions in developing emerging markets, and evaluate present and future opportunities. CO4: To be acquainted with prerequisite



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		knowledge required to understand the Probability and applications of probability theory. CO5: To understand the concept of the Industrial functioning and strategies to overcome challenges in competitive markets.
11.	BCOMGE201-18 Business Statistics	CO1: To learn the basic concepts like statistics and calculation of arithmetic mean, median and mode and partition values. CO2: To understand the calculation of moments, skewness and kurtosis and determining whether the given distribution is normal or not. CO3: To be acquainted with prerequisite knowledge required to understand the Probability and applications of probability theory. CO4: To understand the concept of correlation regression analysis and their applications. CO5: To apply the learnt techniques in statistical testing and their applications.
12.	AECC EVS102-18 Environment Studies	CO1. Students will enable to understand environmental problems at local and national level through literature and general awareness. CO2. The students will gain practical knowledge by visiting wildlife areas, environmental institutes and various personalities who have done practical work on various environmental Issues. CO3. The students will apply interdisciplinary approach to understand key environmental issues and critically analyze them to explore the possibilities to mitigate these problems. CO4. Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world.



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13.	BMPD202-18 Mentoring and Professional Development	The objective of mentoring will be development of Overall Personality, Aptitude (Technical and General), General Awareness (Current Affairs and GK), Communication Skills and Presentation Skills. The course shall be split in two sections i.e. outdoor activities and class activities. For achieving the above, suggestive list of activities to be conducted are Class Activities Outdoor activities.
14.	BCOM 301-18 Management Accounting	CO1: To enlighten the students thought and knowledge on management Accounting. CO2: Helps to give proper idea on financial statement analysis in practical point of view. CO3: To introduce the concept of fund flow and cash flow statement. CO4: Understand and apply the concepts of budgetary control for better decision-making. CO5: To develop the know-how and concept of marginal costing with practical problems
15.	BCOM 302-18 Mercantile Law	CO1: Understand the applicability of various laws applicable to different business. CO2: Understanding and implementing various contract acts applicable to business. CO3: Learning and understanding the different types of negotiable instruments. CO4: Understanding various acts applicable to partnership firm of business. CO5: Gain knowledge about the applicability of different rights and protective laws for consumers.



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16.	BCOM 303-18 Human Resource Management	Management and analyze the evolution of HRM. CO2: To appraise various functions of HRM that facilitate employee hiring viz. human resource planning, job analysis recruitment and selection. CO3: To understand the role of training, development, career planning and performance appraisal functions in human resource development. CO4: To analyze the functions of compensation management namely, wages and salary administration, incentives and fringe benefits. CO5: To comprehend the meaning and concept of Industrial relations CO1: Develop ideas of the basic characteristics of Indian economy.
17.	B.COMGE 301-18 Indian Economy	CO2. Understand the importance, causes and impact of population growth. CO3. Grasp the importance of planning undertaken by the government of India, failures and achievements as the foundation of the ongoing planning and economic reforms taken by the government. CO4. Understand a perspective on the different problems and approaches to economic planning and development in India.



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Attiliated to	IKG-PIU	IKaburthala	& Approved	DVAILLE	(New Deini)

ated to IKG-PTU (Kapurtha	ala) & Approved by AICTE (New Delhi)
BCOM SEC 301-18 Workshop on IT tools for Business and E- Commerce	CO1: Develop understanding of computer fundamentals, functions and their classifications CO2: Develop a clear understanding and knowledge about the functioning of a Computer software and window operating system CO3: Demonstrate proficiency in Microsoft word & Excel. CO4: Apply formatting and editing features to enhance worksheets. CO5: Use styles, themes, and conditional formats to customize worksheets.
BMPD302-18 Mentoring and Professional Development	The objective of mentoring will be development of Overall Personality, Aptitude (Technical and General), General Awareness (Current Affairs and GK), Communication Skills & Presentation Skills. The course shall be split in two sections i.e. outdoor activities and class activities. For achieving the above, suggestive list of activities to be conducted are Class Activities and outdoor activities.
BCOM 401-18 Corporate Accounting	CO1: Understand and apply the basic concepts of accounting for share capital CO2: Understand accounting of preference share and debentures CO3: Acquire practical knowledge about preparation of financial statements and their provisions CO4: Understand the fundamentals of consolidation of accounts and apply them.
The same of the sa	BCOM SEC 301-18 Workshop on IT tools for Business and E- Commerce BMPD302-18 Mentoring and Professional Development BCOM 401-18



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21.	B.COM 402-18 Company Law	CO1: Understand the various clauses of Indian Companies Act-2013 CO2: Know the procedure of formation of a company and winding up of a company. CO3: Describe the borrowing powers of a company CO4: Know about the appointment and removal of directors. CO5: Develop an understanding of conducting of board and other meetings.
22.	BCOM 403-18 Income Tax Law & Practice	CO1:To Acquire the complete knowledge of basic concepts of income tax. CO2: To understand how to calculate the income under different heads. CO3: It give more idea about the income from business or profession CO4: Make the students familiarizes with the concept of depreciation and its provisions CO5: Understand the procedure for filling the return.
23.	BCOMGE 401-18 Entrepreneurship Development	CO1: Describe the concept and theories of entrepreneurship and its role in economic development of nation. CO2: Develop business plan and identify the reasons of failure of business plans. CO3: Illustrate the steps in starting MSME. CO4: Comprehend government policies and regulatory framework available in India to facilitate the process of entrepreneurial development. CO5: Identify different sources of finance for new enterprises and assess the role of financial institutions and various government schemes in entrepreneurial development.





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24.	BCOM SEC 401-18 Workshop on Computerized Accounting	CO1: Understand the concept of Computerized Accounting. CO2: Acquire the complete knowledge of Accounting Packages specially Tally software. CO3: How to implement final accounting system on software.
25.	BMPD402-18 Mentoring and Professional Development	CO1: The objective of mentoring will be development of Overall Personality, Aptitude (Technical and General), General Awareness (Current Affairs and GK), Communication Skills and Presentation Skills. CO2: The course shall be split in two sections i.e. outdoor activities and class activities. For achieving the above, suggestive list of activities to be conducted are Class Activities and Outdoor Activities.

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26.	BCOM 501-18 Financial Management	CO1: Apply financial data for use in decision making by applying financial theory to problems faced by business enterprises. CO2: Apply foundational finance theories and to analyze a forecast using relevant data and to conduct preliminary measurement of leverage analysis. CO3: Apply time value of money techniques to various pricing and budgeting problems. CO4: Apply modern techniques in capital budgeting analysis. CO5: Assess dividend policy's impacts on share prices and to understand the implications of Dividend decisions in financial decision making.
27.	BCOM 502-18 Goods and Service Tax	CO1: To understand the importance of indirect taxes (GST) in the Indian and global economy and its contribution to the economic development. CO2: Acquaint the knowledge about basic Exemptions under Goods and Services Tax. CO3: To enable the students to learn the skills about the provisions regarding filing of Return, Payment of Tax, Provisions related to Refund.



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28.	BMPD502-18 Mentoring and Professional Development	CO1:The objective of mentoring will be development of Overall Personality, Aptitude (Technical and General), General Awareness (Current Affairs and GK) and Communication Skills Presentation Skills. CO2:The course shall be split in two sections i.e. class activities and outdoor activities. For achieving the above, suggestive list of activities to be conducted are Class Activities and Outdoor activities.
29.	BCOP 521-18 Banking Services Management	CO1: To enlighten the student basic concepts of banking sector. CO2: To understand the Emerging Trends in Banking. CO 3: To Know about the Challenges faced by Indian Banking system. CO4: How to manage risk in Banks as well as analyze the bank statements.
30.	BCOP 522-18 Insurance Service Management	CO1: To make them understand about different types of insurance and IRDA Act. CO2: Describe the difference between Life & Non Life insurance Products. CO3: Able to understand the various policies of Insurance. CO4: Describe the role of private sectors & regulatory bodies of Insurance sectors.



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34.	BCOP 621-18 Banking Laws & Services	CO1: To help to gather knowledge on banking and financial system in India CO2: To provide knowledge about commercial banks and its products CO3:To aim to familiarize banking system in India. CO4: To enable them to understand better customer relationship. CO5: To create awareness about NPA and Securitization.
35.	BCOP 622-18 Risk Management and Insurance	CO1: To provide the students with a broad understanding of risk and insurance. CO2: To familiarize with the different types of insurance. CO3: To enable and understand the power and functions of IRDA. CO4: To create awareness about risk management

BACHELORS OF JOURNALISM & MASS COMMUNICATION

PROGRAM OUTCOMES

PO1: The students learn competencies and skills required by the media world.

PO2: They will be well-integrated in the industry, being industry-ready at theoutset.

PO3: The students would have acquired great confidence by the end of the course, having had hands-on experience with media software, intensive training in media writing, and media exposure in journalistic writing, through informal internship



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31.	BCOM 601-18 Industrial Relations and Labour Laws	CO1: Describe fundamental concepts and nature of Industrial Relations. CO2: To understand the nature and role of trade unions for workers and industries. CO3: To study the relevance of collective bargaining and its impact on employeemanagement relations. CO4: To understand industrial disputes and ways to resolve them. CO5: To apply various industrial legislations in business.
32.	BCOM602-18 Operation Research	CO1: Formulate and solve simple and complex optimization problems. CO2: Formulate and solve transportation and assignment problems for cost minimization. CO3: Formulate and solve job sequencing and network models. CO4: Carry out economical replacement analysis for obsolete /worn out industrial equipment. CO5:Formulate and solve different inventory model problems
33.	BMPD 602-18 Mentoring and Professional Development	CO1:The objective of mentoring will be development of Overall Personality, Aptitude (Technical and General), General Awareness (Current Affairs and GK), Communication Skills, Presentation Skills The course shall be split in two sections i.e. class activities and outdoor activities. CO2:For achieving the above, suggestive list of activities to be conducted are Class Activities and Outdoor activities.



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	BA(JMC)-VISemester	
Course	Name:-MARKETINGCOMMUNICATION-BAJMC601-18	
CO1	Thestudentwillgetthebasicknowledgeofmarketingcomponents.	
CO2	Thestudentswilllearntheroleofadvertising anditseffect.	
CO3	ThebasicsofPublicRelationsConcept.	
CO4	TheywilllearnvarioustoolsofPublicRelationofficer.	
CO5	Thestudentswilllearnvariousethicalpractices inthefield.	
	Name:-PRINCIPLES OFCOMMUNICATION-BAJMC602-18	
CO1	The students will learn the concept of communication.	
CO2	The course will help the students in learning the various function of communication.	
CO3	Theywilllearntheprocessandbarrierstocommunication.	
CO4	It willprovide the knowledge of various communication theories.	
CO5	Adeepinsightintovariouscommunicationmodelswillbeunderstood.	
Course	Name:-VisualCommunicationBasics-BAJMC603-18	
CO1	Thecoursewillhelp thestudentsinunderstanding basicconcept of visual communication.	21
CO2	It willprovidethe knowledge ofpsychologicalprocessing	
CO3	Adeepinsightculturalcodescanalsobegained throughthiscourse	
CO4	Anoverviewofvisualculturecanalsobeunderstoodthroughthestudyofpaper	
CO5	The students will get to know the relations between various signs and their users.	
Course	Name:-PHOTOJOURNALISM-BAJMC604-18	
CO1	Itwillprovide anoverviewofallthe types andpartsofcamera.	+
CO2	Itwillalsogivetheknowledgeofrolesandresponsibilitiesofphotojournalist.	
CO3	The course will provide the knowledge of technology and creative rules used in photography.	
CO4	Thestudentswillbeinpositiontounderstandthedifferencebetween photojournalistandphotographer.	
CO5	Theskillsofphotographywillbeenhanced.	



CO3	Affiliated to IKG-PTU (Kapurthala) & Approved by AICTE (New Delh Developtheskillsofhandlingsituationincrisis.
CO4	Itwillalsohelpstudentshowtoorganizepressconference.
CO5	EmployPReffectivelytocreategoodwilland conveyapositivebrandimage
	Name:-InterPersonalCommunicationSkills-BAJMC305-18
CO1	Self-Awareness
CO2	Personalitydevelopment
CO3	Howtohandlestressand anxiety
CO4	Thestudentswilllearnstheimportanceoflistening
CO5	Learnhowtowriteemail's letters, memosandresume.
	BA(JMC)-VSemester
Course	Name:-COMPUTERAPPLICATIONANDMASSMEDIA-BAJMC501-18
CO1	The student will get the basic knowledge of various components of computer.
CO2	Thestudentswillbeinabetterpositiontousethecomputerproperly.
CO3	Thebasicsofcomputer anditsapplicabilityandusageinmediaworldwillbe
005	understoodinabetterway.
CO4	Theywilllearn howtocreate blogsand useofsocialnetwork sites.
CO5	Thetyping skillofthestudentswillbeimprovedthroughthiscourse.
	Name:-GlobalMedia-BAJMC502-18
CO1	It willprovideanoverviewofInternational media
CO2	Thestudentswillgetaninsighthowglobalmediawork
CO3	Thecoursewillhelpthestudentsinunderstandingtheroleofmarketinmedia
CO4	Thestudentswillbeinbetterpositiontounderstandtheroleofmediain
	promotionharmonyandpeace.
CO5	Theywillget theknowledgeaboutvariousglobaltechnologies.
Course	Name:-Introduction toCommunity Media-BAJMC503-18
CO1	Thecoursewillhelp thestudentsinunderstanding Communitymediaasan alternativevoice.
CO2	It willprovide theknowledgeofAlternativemedia.
CO3	Adeepinsightintofolkmediacanalsobegainedthroughthiscourse.
CO4	AnoverviewoffolkmediaofPunjabcanalsobeunderstoodthroughthestudyof
	paper.
CO5	Thestudentswillgetthepotentialofusingcommunitybasedtraditional,newand
	folkmedia.
Course	Name:-NEWSPAPER ORGANIZATION AND FUNCTIONING-BAJMC504
18	
CO1	It willprovide anoverview of all the departments of newspaper or ganization.
CO2	It willalsogivethe knowledgeofrolesandresponsibilitiesofkeypersonnel workinginavariousdepartmentofnewspaper organization
CO3	Thecoursewillprovidetheknowledgeofworking of advertisement department.
CO4	The students will be in position to understand the relation of all the departments.
CO5	Thestudentswillunderstand theconceptofprintingprocess.

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CO1	Thecoursewillprovideabetterunderstanding oftheethicalissuesrelated to media
CO2	Abroaderviewtoethicalissuesrelatedtomediatechnologywillbegained.
CO3	The students will be in a better position to work with social media after knowing itsethical concerns.
CO4	InformationonLawsrelated tomediawillhelpthemin avoiding caseof defamationwhileworking.
CO5	Coverageonsensitiveissueswillbedoneinamoreresponsiblemanner.
Course	Name:-Media Lab-BAJMC205-18
CO1	It willbecomeeasytoworkasPRO withanyorganization.
CO2	Thebasicsofadmakingwillbecomemoreclear afterpracticallymakingthemin lab.
CO3	Thestudentswill haveanoption to workasresearcher withany media organization.
CO4	Theartofreportingwillprepare themforactualfieldwork assignments.
CO5	Theywillbeinabetter positiontowritecreativepieceofwritings.
	BA(JMC)-IIISemester
Coursel	Name:-IntroductiontoBroadcastMedia-BAJMC301-18
CO1	Thestudentswillprovidestudentswiththeconceptofsound and typesofsound.
CO2	Thestudentswillgetthebasicskillsofwritingradionews.
CO3	Thestudentswillbeinpositiontowritestoriesandnews fortelevision.
CO4	It willequipthestudentswiththebasicsofcameraanditsVariouspartsof television.
Course	Name:-HistoryoftheMedia-BAJMC302-18
CO1	Thecoursewillhelp thestudentsinunderstanding thetraditionalmediaofmass communication.
CO2	It willprovidetheknowledgeaboutthehistoryofprintmedia.
CO3	Anoverview of sound media can also be understood through this study of this paper.
CO4	Thestudentswillunderstandtheimportanceofsoundandimages for programmingandcommunication.
CO5	Thestudentswillalsobecomeawarehowtelevisionsetstheir agenda.
Course	Name:-Advertising-BAJMC303-18
CO1	HowtoDesignanadcopyfora product
CO2	StudentswilllearnScript writing forelectronic media(Radiojingle,TV, Commercial)
CO3	Planninganddesigningadvertisingcampaigns
CO4	Criticalevaluationofadvertisements
CO5	Thestudentswillalsobecomeawareabouttheethicswhilepreparingthe Advertisements.

CourseName:-PublicRelations-BAJMC304-18

CO1 EmployPR for event management.
CO2 Students will learn how to write Pressrelease

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CO2	TohelpthestudentsbecometheindependentusersofEnglishlanguage.
CO3	To developinthemvitalcommunicationskillswhichareintegralto their personal, social and professional interactions.
CO4	The syllabus shall address the issues relating to the Language of communication.
CO5	Studentswillbecomeproficientinprofessionalcommunicationsuchas interviews, group discussions, officeen vironments, important readingskills as well as writingskills such as report writing, note taking etc.
Coursel	Name:-EnglishPractical/Laboratory-BTHU104-18
CO1	Theobjective of this course is to introduce students to the theory, fundamentals and tools of communication.
CO2	TohelpthestudentsbecometheindependentusersofEnglishlanguage.
CO3	Todevelopinthemvitalcommunicationskillswhichareintegraltopersonal, socialandprofessionalinteractions.
CO4	Thesyllabusshalladdresstheissuesrelatingtothe Language of communication.
CO5	Students will become proficient in professional communication such asinterviews, group discussions and business office environments, important readings kills as well as writings kills such as report writing, note taking etc.
	BA(JMC)-IISemester
Course	Name:-Reporting and Editing forPrint-BAJMC201-18
CO1	Thecoursewillprovidestudentswiththeconcept ofbeatandbasicsofdifferent typesofreporting.
CO2	Thestudentswillbeinapositiontowritestories inproperformatasrequiredin newspaperorganizations.
CO3	Itwillalsohelpstudentsineditingthenewsaccordingtodifferentcriteria.
CO4	The students will also be come aware of the latest trends followed in news.
CO5	Photojournalismanditsusagewillalsoincreaseamongthefuturejournalists.
Course	Name:-MediaandCulturalStudies-BAJMC202-18
CO1	1.Thecoursewillmakethestudentsawareoftheconcept ofmasscultureandits variousforms.
CO2	2. Various School of thoughts will also be come popular amongst the students.
CO3	3.It willequip studentswiththe applicabilityofvarioustheoriesofmassmedia.
CO4	4. Thestudentswillknowtherepresentationofvariousissues inmedia.
CO5	5. The importance of different types of audience will be come more clear through this course.
Course	Name:-GlobalMediaandPolitics-BAJMC203-18
CO1	Thecoursewillprovideanoverviewofmediaindustryatinternationallevel.
CO2	Thestudentswillbetterunderstandtheglobalissuesafter gettingawareofits historicalperspective
CO3	It willprovide themknowledge abouttheglobalmedia channels
CO4	Abetterunderstandingofdifferentconceptsrelatedtoglobalmediawillbe gained
CO5	Relationshipbetweenworldwarandmediawillbecomemorecleartothe students.
Course	Name:-Media Ethicsand Law-BAJMC204-18



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	Affiliated to IKG-PTU (Kapurthala) & Approved by AICTE (New Delhi) BachelorofJournalism& MassCommunication-BA(JMC)
	BA(JMC)-Ist Semester
<u> </u>	Name:-IntroductiontoJournalism-BAJMC101-18
	It will provide a betterunderstanding of the concept as well as formation of news.
CO1	Thestudentswillgetathorough
CO2	knowledgeofprintmediafromahistoricalpointofviewalso.
CO3	Itwillgive anoverview of various forms of journalism to the students.
CO4	Itwillalsoprovideaninsightintothepresentissuesrelatedtomedia.
CO5	Thestudentswillgetknowledgeaboutthedifferenttraditionalandmodern
Course	Name:-IntroductiontoMedia and Communication-BAJMC102-18
CO1	It will provide an overview of the various types of media aroundus.
CO2	Thestudentswillgetaninsightintothevariousmodelsandtheoriesapplicableto
CO3	Itwillalsogiveknowledgeaboutthevariousparadigmsapplicableto mass
CO4	Theeffectsofmassmediaonsocietycanbewellunderstoodafterthestudyofvarioustheories.
CO5	Theconceptofmasscommunicationincontextofsociety willbeinterpretedinacoherentway.
Course	Name:-IndianPoliticalandSocialSystem-BAJMC103-18
CO1	Thecoursewillhelpthestudentsin understandingtheworkingorindian political system
CO2	Itwillprovideknowledgeaboutthedifferentconceptsrelatedtoconstitution.
CO3	Adeepinsightintotheinterrelationshipofvarioussocialsciencescanalsobe
CO4	AnoverviewoftheIndianeconomycanalsobeunderstoodthroughthestudyof
CO5	Thestudentswillgetallthebasicskillsrequiredforcoveringdifferenttypesof news.
Course	Name:-Communication Lab-BAJMC104-18
CO1	Thestudentswillbeinabetterpositiontowritedifferenttypesofjournalistic
CO2	Thewritingskillsofthestudentswillbeimprovedandpolishedthroughthis
CO3	It will provide a strong baset othe future journalists of the country.
CO4	Theywilllearntoformtheirownviewpointonvariouscurrentandsignificant
CO5	Thebasicsofcomputeranditsapplicabilityandusageinmediaworldwillbe understoodinabetterway.
Cours	eName:-English-BTHU103-18
CO1	Theobjective of this course is to introduce students to the theory, fundamentals

andtoolsofcommunication.

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PROGRAMME EDUCATION OBJECTIVES

POE-1. To develop capability to understand the fundamentals of Hotel industry for analyzing the business problems with futuristic approach.

POE-2.To foster a confident and competent graduate capable to solve real life practical Hotel Industry problems fulfilling the obligation towards society.

POE-3. To inculcate an attitude for identifying and undertaking developmental work both in Industry as well as academic environment with emphasis to continuous learning enabling to excel in competitive participation at a global level.

POE-4.To nurture and nourish effective communication and interpersonal skill to work in a team with a sense of ethics and moral responsibility for achieving goal.

Programme outcomes:

PO1: Graduate will have knowledge of Operations in Hospitality Services Industry

PO2: Graduate will be able to perform various tasks, duties and other activities in the operation of the hotels, restaurants, in accordance with the Standard Operating Procedures.

PO3: Graduate will have the ability to analyse the situation or identifies problems, and be able to formulate a suitable solution & implement the same in Food & Beverage Service and accommodation operations.

PO4. Graduate will be able to demonstrate the ability to develop, examine, question, and explore perspectives or alternatives to problems in hospitality operations.

PO5: Graduate will be able to use professional written and oral communication skills to communicate effectively.

PO6: Graduate will be able to pursue entrepreneurial endeavours

Program Specific Outcomes (PSOs):

PSO1: Food and Beverage Production: Develop culinary skills, technical and theoretical knowledge of culinary field for employability in the hospitality and its allied sectors.

PSO2: Food and Beverage Service: Develop hands-on skills in serving and handling guests needs, knowledge of national and international food and beverage trends and menu engineering.

PSO3: Accommodation management: Develop skills and attitude for effective Guest services managemen



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Serial No.	CourseCod e and Name	Course Outcomes
1.	BHMCT-101 FoodProduction Foundation	CO1. To develop understanding of basics of Food Production. CO2. To develop ability to compare and illustrate various methods of cooking. CO3. To gain understanding on Kitchen organization structure and Food production. CO4.Learner will able to explain the importance of basics of cooking.
2	BHMCT-102 FoodProduction Foundation	CO1.To be able to list and relate to kitchen equipment's and their handling. CO2. To develop the ability to classify different vegetables along with the cuts. CO3. Students will learn and compare various methods of cooking used in Food Production. CO4. Students will be able to apply the hands on learning to prepare various dishes.
3	BHMCT-103 Food&BeverageService Foundation	CO1. Course inculcates knowledge about various food outlets and their characteristics. CO2. Students will be able to understand and explain various F&B equipment's and their usages. CO3. To develop the ability to understand the intricacies in preparation of Restaurant operations. CO4. Student will be able to classify and illustrate on food service principles and procedures.
4	BHMCT-104 Food&BeverageService Foundation	CO1. Students will be able to List and name various Restaurant equipment's. CO2. Students will practice basic service skills used in F&B Outlets. CO3. Students will be able to learn how to setup the restaurant before service. CO4. Student will be able to learn service of various non-alcoholic beverages.
5.	BHMCT-105 FrontOfficeFoundation	CO1 To understand the work ethics towards customer care and satisfaction and its basic skills & knowledge of front office. CO2 Students will be able to outline and explain hospitality industry and its importance. CO3 Students will be able to endorse classification of hotels & describe the most distinctive feature of each. CO4 Student will be able to analyse, evaluate & discuss fron

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		office organization.
6	BHMCT-106 FrontOfficeFoundation	CO1 Students will be able to acquire the knowledge of basic front office operations. CO2 Students will be able to analyse, evaluate & learn working of subsections of front office. CO3 Students will be able to demonstrate reservation practice and luggage handling. CO4 They will gain knowledge about functioning of variou equipments of Front Office.
7.	BHMCT-107 AccommodationOperations	CO1 Students will be able to acquire knowledge and learn about the significance of accommodation operation and its scop in the service industry. CO2 Students will be able to practically perform various housekeeping operational functions. CO3 Students will enhance their professional skills, etiquett and learn to work in a team. CO4 To develop the handling of various cleaning equipment' and cleaning agents in a scientific and efficient manner.
8	BHMCT-108 AccommodationOperations	CO1 Students will be able to identify different layout of room and amenities. CO2 Students will be able to identify the cleaning equipmer and cleaning agents and will be able to use in an appropriate of professional manner. CO3 Students will be able to setup all necessary materials an equipment's required for cleaning. CO4 To be able to demonstrate room cleaning as per standar operating procedures
9	BTHU103-18 English	CO1 The objective of this course is to introduce students to theory, fundamentals and tools of communication. CO2 To develop in them vital communication skills which a integral to their personal, social and professional interactions CO3 The syllabus shall address the issues relating to Language of communication. CO4 To help the students become the independent users English language.



10	BTHU104-18 English	CO1 The objective of this course is to introduce students to the theory, fundamentals and tools of communication. Co2 To develop in them vital communication skills which are integral to their personal, social and professional interactions CO3 The syllabus shall address the issues relating to the Language of communication. CO4 To help the students become the independent users of English language.



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11.	HVPE101-18 HumanValues,De-addiction and Traffic Rules	CO1 To help the students appreciate the essential complementarily between 'VALUES' and 'SKILLS' to ensure sustained happiness and prosperity which are the core aspirations of all human beings. CO2 To facilitate the development of a Holistic perspective among students towards life, profession and happiness, based on a correct understanding of the Human reality and therest of Existence. Such a holistic perspective forms the basis of Value based living in anatural way. CO3 To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually satisfying human behavior and mutually enrichinginteraction with Nature. CO4 this course is intended to provide a much needed orientational input in Value Education to the young enquiring minds.
12	HVPE102-18 HumanValues,De-addiction and Traffic Rules	CO1 To help the students appreciate the essential complementarily between 'VALUES' and 'SKILLS' to ensure sustained happiness and prosperity which are the core aspirations of all human beings. CO2 To facilitate the development of a Holistic perspective among students towards life, profession and happiness, based on a correct understanding of the Human reality and therest of Existence. Such a holistic perspective forms the basis of Value based living in anatural way. CO3 To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually satisfying human behavior and mutually enriching interaction with Nature. CO4 this course is intended to provide a much needed orientational input in Value Education to the young enquiring minds.



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13.	BHMCT-201 FoodProduction Foundation	CO1. Learners will be able to understand the usages of different spices, condiments & commodities used in Indian Cuisine. CO2. To gain knowledge to develop Menu keeping in mind the importance. CO3. To let students familiarize with various meats cuts and their use in Food Production. CO4. Learners will be able to understand the usages of
14	BHMCT-202 FoodProduction Foundation	different types of ingredients in bakery & confectionary preparations. CO1. Students will be able to identify various cuts of poultry and meat items, along with its preparation & uses. CO2. Students will be able to experience the production of various types of Soups and Salads. CO3. To practically prepare dishes from Indian cuisine along with dessert items. CO3. Students will be able to practice the production of basic bakery & confectionary products such as breads,
15	BHMCT-203 Food&BeverageService Foundation	pastries & cakes. CO1. Students will be able to enhance knowledge by learning about various types of food service techniques. CO2. To gain expertise about the basics of Menu Planning. CO3. Students will be able to undergo the process of In Room Dining. CO4. To gain knowledge about the use and objective of Tobacco in Restaurant sector.
16	BHMCT-204 Food&BeverageService Foundation	CO1. Students will be able to lay tables for different meals in Restaurant Operations. CO2. Students will be confident to handle Guests during Restaurants Service. CO3. To gain knowledge on various issues faced in the Food Service Industry and ways to resolve the same. CO4. Students will be practically able to serve Cigars & Cigarettes.
17	BHMCT–205 FrontOfficeFoundation	CO1 Student will be able to understand the usage of Room tariff structure, fixation and various types of plan. CO2 Student will know the process of guest cycle and reservation procedure & systems. CO3 Student will be able to develop knowledge of registration process and execute guest handling. CO4 Student will acquire knowhow on various tasks in front desk function.



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BHMCT–206 FrontOfficeFoundation	CO1 Students will learn the basic process of welcoming Guests. CO2 Students will be able to understand the preparation of various forms and formats used in front office. CO3 Students will be able to learn, analyse and execute handling guest registration process. CO4 Students will be able to handle major Key related issues.
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19	BHMCT-207 AccommodationOperation	CO1 Students will acquire knowledge about handling & usage of different cleaning agents. CO2 Students will be able to learn about the knowhow of various surface cleaning procedures. CO3 Students will be able to learn how to fill various housekeeping forms and formats. CO4 Students will be able to understand the importance of Interdepartmental relations
20.	BHMCT-208 AccommodationOperation	CO1 Students will be practically able to perform room cleaning and replenishing of guest supplies. CO2 Students will be able to understand the intricacies of bed making procedure. CO3 Students will have exposure on filling various forms and formats & their usage. CO4 To gain knowledge to inspect a room as per standard Operating Procedures.
21	EVS102-18 EnvironmentalStudies	CO1 Students will enable to understand environmental problems at local and national level through literature and general awareness CO2 The students will gain practical knowledge by visiting wild life areas, environmental institutes and various personalities who have done practical work on various environmental Issues. CO3 The students will apply interdisciplinary approach to understand key environmental issues and critically analyze them to explore the possibilities to mitigate these problems CO4 Reflect critically about their roles and identities as citizens, consumers and environmental actors in a complex, interconnected world
22.	BMPD202-18 Mentoring and Professional Development	CO1 Students will actively participates in various classroom activities like expert talk, aptitude test, Group Discussion and quiz which in turn help them improve communication skills. CO2 students will be able to analyse and discuss on various issues raised in Group Discussions. CO3 Students will have various outdoor activities which in turn helps them with team building. CO4 Students will be able to be more confident.

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23	BHMCT301-18—to BHMCT305-18 IndustrialTraining	CO1 The students will gain practical exposure in real life business activity under the supervision of industry experts. CO2 They will also learn to co-relate theoretical knowledge with practical realities. CO3 Students will manage to learn in teams whilst on Training at a Hotel CO4 They will enhance their interpersonal skills while working in Industry
24.	BHMCT401–18 IntroductionToIndian Cookery	CO1 Students will be able to gain knowledge about the history & heritage of Indian Regional Cuisine CO2 Students will have insight on various Regional Indian Cuisines CO3 Students will acquire knowledge on Dum cooking and Tandoor Cooking CO4 Students will be able to know the History and cooking of Indian Sweets
25	BHMCT402–18 IntroductionToIndian Cookery	CO1 Students will have hands on experience of cooking of Various Indian Cuisines CO2 Students will acquire knowledge on cooking of different Gravies used in Indian Cuisine. CO3 Students will be able to differentiate on cuisines of various parts of India. CO4 They will be also be able to get the knowhow of Different Indian Breakfast items.
26	BHMCT-403–18 FoodAndBeverageservice Operations	CO1 Students will be able to acquire knowledge about different methods used in the Production of alcohol. CO2 Students will be able to classify various Wines along with its production methods. CO3 They will be able to analyse the various types of alcoholic beverages used in Food & Beverage Service Industry. Students will get to know about Beer, its types, production and Storage CO4 Students will acquaint themselves with various types of Cheese, its production, Brands and their Services



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27	BHMCT-404–18 FoodAndBeverageservice Operations	CO1 Students will be able to organize Mise-en-place for various alcoholic beverages used in Food & Beverage Industry. CO2 Students will get hands on experience in service of various kinds of Wines. CO3 Students will be able to do analysis of various Wine Bar, Beer bar and Cocktail Bars CO4 Students will practically perform task to serve bottled, canned, Draught beers along with Service of Cheese.
28.	BHMCT-405–18 FrontOffice Operations	CO1 Students will be able to develop knowledge on work ethics towards computer application and software used in front office. CO2 Students will be able to outline and explain Front Office Accounting System. CO3 Students will be able to endorse classify different mode of guest account settlement. CO4 Student will be able to analyse, evaluate & discuss night auditing in front office.
29	BHMCT-406–18 FrontOffice Operations	CO1 Students will be able to acquire the knowledge of night auditing in front office operations. CO2 Students will be able to analyse, evaluate & learn the various stages of reservation through software. CO3 Students will be able to demonstrate reservation practices and to process deposit for arriving guest. CO4 To understand the use of various softwares
30	BHMCT-407–18 AccommodationOperations	CO1 Students will be able to acquire knowledge and learn about the importance of inspection and self-supervision techniques for cleaning staff. CO2 Students will be able to understand and perform the linen exchange procedure and maintaining par stock, managing inventory and their importance. CO3 Students will be able to handle special cleaning programme and cleaning agents in a scientific and efficient manner. CO4 Student will be able to analyse & discuss Classification and Identification of Textile Fibers used in hotel industry.
31	BHMCT-407–18 AccommodationOperations	CO1 To gain the knowledge on usage of various fabric cleaners in Accommodations operations. CO2 Students will be able to identify the cleaning equipment and cleaning agents & have the ability to use them appropriately. CO3 Students will be able to analyse and develop cleaning schedule as per the requirement. CO4 Students will be able to setup all necessary materials and equipment's required for special cleaning.



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32.	BHMCT-409-18 AccountingSkillsFor Hospitality	CO1 To provide basic understanding of the Principles of Accounting and use accounting skills in Hospitality Industry. CO2 To enhance the accounting skills of the students to ensure the health of business CO3 Students will be able to audit their hospitality business CO4 Students shall be able to analyze and solve any issue arising in terms of financial aspects
33	BMPD402-18 Mentoring and Professional Development	CO1 Students will actively participates in various classroom activities like expert talk, aptitude test, Group Discussion and quiz which in turn help them improve communication skills. CO2 students will be able to analyse and discuss on various issues raised in Group Discussions. CO3 Students will have various outdoor activities which in turn helps them with team building. CO4 Students will be able to be more confident.
34.	BHMCT-501-18 Food Production	CO1 Students will learn about various aspects of larder section of the kitchen and its functions. CO2 They will learn about the processing of Charcuterie along with the preparation of forcemeats, Galantines and Pates CO3 Students will know about various Mousse and Mousselines.
		CO4 They will be able to differentiate between various kinds of appetizers along with the importance of garnishes.

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2.5	ВНМСТ-502-18	CO1 Students will get hands on experience on forcemeats along with the preparation of Pates, Terrines, Galantine & Ballontine.
35	Food Production	CO2 To develop the ability to prepare various food items including meat products.
		CO3 Students will get hadns on exposure in preparing the dishes
		CO4 They will classify and build various accompaniments used along maincourse.
36.	BHMCT-503-18 BarOperations&Manageme nt	CO1 Students will get insight about various spirits and their method of production. CO2 They will learn about varieties of Aperitifs & Liqueurs along with their uses. CO3 Students will be able to explain the History & Present scenario of Bar & Beverage Industry in India. CO4 Students will analyse and execute the bar operations and Selling techniques.
	BHMCT-504-18	CO1 Students will learn about the service of various spirits; ie. Whisky, vodka, Rum, Gin, CO2 They will also learn to serve about varieties of Aperitifs
37	BarOperations&Manageme nt	& Liqueurs along with their uses. CO3 Students will also learn to set bar for daily operations. CO4 Students will also be able to mix beverages
38.	BHMCT505-18 FrontOfficeOperations&Manag ement	CO1 Students will be able to outline and explain Introduction of Bell desk, Equipment's used in Bell desk, Functions of Bell desk, Luggage handling, Paging, Change of room etc. Functions of Concierge, Forms & Formats. CO2 Students will be able to analyse, evaluate Forecast formula, Types of forecast, Sample forecast forms, Factors for evaluating front office operations. Forecasting techniques, Forecasting Room availability. CO3 Students will be able to endorse Importance of security systems, Safe deposit, Key control, Emergency situations. CO4 Student will be able to perform Sales Techniques for Hotel Rooms.



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39	BHMCT506-18 FrontOfficeOperations&Manageme nt	CO1 Students will be able to acquire the knowledge of Handling Concierge operations and Handing Bell desk. CO2 Students will be able to analyse, evaluate &learn working of Forecasting reports for Room Availability with Individual Check-in, Check-Out, Overstay, under stay, Group Check-in & Group Checkout. CO3 Students will be able to Handling of keys-situations related to loss of keys.
40.	BHMCT507-18 AccommodationOperations And Management	CO1 Students will be able to acquire knowledge and learn about the Planning and 12rganizing the housekeeping department. CO2 Students will be able to perform various Budget and budgetary control, Operating Budgets- controlling expenses income statement, purchasing systems- methods of buying, Stock records- issuing and control in Housekeeping operational CO3 Students will be able to perform their professional Housekeeping skill in institute other than Hotels. CO4 Students will be able to acquire the knowledge of contract service and Safety awareness and accident prevention in housekeeping operation
41	BHMCT508-18 AccommodationOperations And Management	CO1 Students will be able to identify different layout To the Scale, Earmark Pillars, Specification of Colors, Furniture, Fixture, Fitting, Soft Furnishing and Accessories Etc. CO2 Students will be able to identify the standard operating procedure of different cleaning surfaces and will be able to use in an appropriate&professional manner. CO3 Students will be able to identify the first aid kit and dealing with emergency situation in housekeeping operation
42.	BHMCT-509-18 FoodAndBeverageControl And Management	CO1 To understand the basics of Food & Beverage Cos Control and it's importance in Food & Beverages. CO2 Students will be able to analyze and procure requirements to optimize yield. CO3 Students will learn about various methods of storing and issuing control along with inventory control. CO4 Students will have understanding on aims & objective of Production control and methods of Sales control.



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43	BMPD502-18 MentoringAndProfessional Development	CO1 Students will actively participates in various classroom activities like expert talk, aptitude test, Group Discussion and quiz which in turn help them improve communication skills. CO2 students will be able to analyse and discuss on various issues raised in Group Discussions.
		CO3 Students will have various outdoor activities which in turn helps them with team building.
		CO4 Students will be able to be more confident.



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		CO1 Students will be able to gain knowledge about the cuisines of various European nations along with China
44.	BHMCT601-18 InternationalCuisine-An Exploration	CO2 Students will learn about food production management and R&D in kitchen.
		CO3 Students will acquire knowledge about on Principles of Food Presentation.
		CO4 Students will have understanding on Molecular Gastronomy.
	ВНМСТ602-18	CO1 Students will have to prepare Food of various cuisines, such as Chinese, Spanish, Italian, German, British and Greek.
45	45 International Cuisine-An Exploration	CO2 Students will get hands exposure on various techniques of Molecular Gastronomy.
		CO3 They will built up knowledge about the menu planning and executing the same
		CO4 Students will be able to differentiate among the methods of cooking for different cuisines.
	BHMCT603-18 46. Banquet And Restaurant Operations&Management	CO1 Students will be able to acquire knowledge about
		Planning and operations of various F&B outlets.
		CO2 Students will be able to Plan and execute Function
46.		catering along with various Banquets & Buffets
		CO3 Students will get practical experience in organizing
		and Executing Event Management and importance of
		MICE.
		CO4 Students will know about the role of Kitchen
		Stewarding.



		COLOR III III II
		CO1 Students will be able to plan and operate various F&B Outlets.
47.	BHMCT604-18 Banquet And Restaurant Operations&Management	CO2 Students will get hands on experience on Function Catering where they will organize and execute Banquet caterings.
		CO3 Students will be able to plan and set up Buffets for functions.
		CO4 Students will perform task on using and operating machines used in Kitchen Stewarding and maintain Inventory.
		CO1 Students will be able to outline and explain of budget obudget cycle, Factors affecting budget planning, budgetary control and Forecasting room revenue in front office management.
48	BHMCT605-18 FrontOffice Management	CO2 Students will be able to explain timeshare options and vacation ownership.
		CO3 Students will be able to endorse Importance of accommodation management aspects and Establishing standards, monitoring performance, Cost & pricing-Hubbar formula, Rule of the Thumb.
		CO4 Students will be able to acquire knowledge and learn about the, Structure of the Airline Industry.
	ВНМСТ606-18	CO1 Students will be able to acquire the knowledge of Yield Management calculations, preparing statistical data based on actual calculations.
49.	FrontOffice Management	CO2 Students will be able to learn Preparation of sale letters, brochure, tariff cards & other sales document Assignment on GDS. CO3 Students will be able to acquire the knowledge of Calculation of staff requirement & making of duty rotas for front office department of small, large & medium size



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		hotels with different levels of occupancy	
50.	BHMCT607-18 AccommodationManagement	CO1 Students will be able to acquire knowledge and learn about the Elements of Design, Lightening and Lightening Fixtures in Housekeeping department. CO2 Students will be able to perform various 3R's of waste management, Garbage segregation and Energy Generation. CO3Students will be able to explain ECO-FRIENDLY PRACTICES and System of certifying Ecotel CO4 Students will be able to identify the ENERGY AND WATER CONSERVATION IN HOUSEKEEPING OPERATIONS	
51	BHMCT608-18 AccommodationManagement	CO1 Students will be able to identify special decoration and planning with time split executing CO2 Students will be able to understand the importance of team cleaning CO3 Students will be able to identify the standard operating procedure of different cleaning surfaces and will be able to use in an appropriate& professional manner.	





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52.	BHMCT609-18 PrinciplesOfManagement	CO2 Students will get to know the planning and organizing in Management. CO3 Students will learn about controlling and directing.
53	BMPD 602-18 Mentoring and Professional Development	CO4 Students will also learn about Group dynamics. CO1 Students will actively participates in various classroom activities like expert talk, aptitude test, Group
		Discussion and quiz which in turn help them improve communication skills. CO2 students will be able to analyse and discuss on various issues raised in Group Discussions.
		CO3 Students will have various outdoor activities which in turn helps them with team building. CO4 Students will be able to be more confident.
		CO1 Students will get acquainted to latest trends the field of specialization.
54	BHMCT 701A-18 FOOD PRODUCTION MANAGEMENT	CO2 They will be able to classify and explain the use of technology in Food & Beverage production and Management
		CO3 Students will be able to analyze the various products and demonstrate their use.
		CO4 Learner will be able to excel in the area of specialization and able to formulate solutions to the issues pertaining to the Industry
55		CO1 Learner will be able to illustrate supervisory role
Pro-	BHMCT 702A-18 - PRACTICAL	CO2 Students will be practically able to formulate the plan to execute the operations of Hospitality business
	FOOD PRODUCTION MANAGEMENT	CO3 Students will showcase their skills learned by hands on exposure in practical laboratories.



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		CO4 Students will be able to propose and develop Food & Beverage business models and ensure smooth running of the same.
56		CO1 Students will explain all the components and various roles involved in planning, organizing, running and evaluating an event;
	703A – 18 TANDOOR-PRINCIPLE, CONCEPT AND APPLICATION	CO2 They will apply the theory and skills necessary to professionally plan, organize and run a business event.
		CO3 Students will understand the importance of strategic planning for an event or festival, including monitoring and evaluating the impacts on the wider community.
		CO4 Learner will manage the all the aspects of a business operations.
57		CO1 Students will explain all the components and various roles involved in planning, organizing, running and evaluating an event;
	704A – 18 - PRACTICAL TANDOOR-PRINCIPLE, CONCEPT	CO2 They will apply the theory and skills necessary to professionally plan, organize and run a business event.
	AND APPLICATION	CO3 Students will understand the importance of strategic planning for an event or festival, including monitoring and evaluating the impacts on the wider community.
		CO4 Learner will manage the all the aspects of a business operations.
58		CO1 Learner will be able to illustrate supervisory role
	BHMCT 701B-18 FOOD AND BEVERAGES SERVICE MANAGEMENT	CO2 Students will be practically able to formulate the plan to execute the operations of Hospitality business
		CO3 Students will showcase their skills learned by hands on exposure in practical laboratories.
		CO4 Students will be able to propose and develop Food &



	The state of the s	Beverage business models and ensure smooth running of the same.
59		CO1 Learner will be able to illustrate supervisory role
	BHMCT 702B-18- (PRACTICAL) FOOD AND BEVERAGES SERVICE MANAGEMENT	CO2 Students will be practically able to formulate the plan to execute the operations of Hospitality business
		CO3 Students will showcase their skills learned by hands on exposure in practical laboratories.
		CO4 Students will be able to propose and develop Food & Beverage business models and ensure smooth running of the same.
60		
	BHMCT -703B – 18 EVENT MANAGEMENT	CO1 Gain a fundamental understanding of the event management industry, its scope, trends, and career opportunities.
		CO2 Learn about different types of events, including corporate events, social events, conferences, weddings, festivals, and nonprofit events, and understand the unique characteristics and requirements of each.
		CO3 Understand the step-by-step process of planning and organizing events, from initial concept development and budgeting to execution and evaluation.
61	704B – 18 – PRACTICAL EVENT MANAGEMENT	CO1 Gain a fundamental understanding of the event management industry, its scope, trends, and career opportunities.
		CO2 Learn about different types of events, including corporate events, social events, conferences, weddings, festivals, and nonprofit events, and understand the unique characteristics and requirements of each.



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		CO3 Understand the step-by-step process of planning and organizing events, from initial concept development and budgeting to execution and evaluation.
62	BHMCT 701C-18 FRONT OFFICE MANAGEMENT	CO1 Students will be able to outline and explain of budget & budget cycle, Factors affecting budget planning, budgetary control and Forecasting room revenue in front office management.
		CO2 Students will be able to explain timeshare options and vacation ownership. CO3 Students will be able to endorse Importance of accommodation management aspects and Establishing standards, monitoring performance, Cost & pricing-Hubbart formula, Rule of the Thumb.
		CO4 Students will be able to acquire knowledge and learn about the, Structure of the Airline Industry.
63	BHMCT 702C-18 - PRACTICAL FRONT OFFICE MANAGEMENT	CO1 Students will be able to acquire the knowledge of Yield Management calculations, preparing statistical data based on actual calculations. CO2 Students will be able to learn Preparation of sales letters, brochure, tariff cards & other sales documents Assignment on GDS. CO3 Students will be able to acquire the knowledge of Calculation of staff requirement & making of duty rotas for front office department of small, large & medium sized hotels with different levels of occupancy
64	BHMCT 703C – 18 TOUR & TRAVEL MANAGEMENT	CO1.Examine and discuss the key concepts and principles of marketing as applied to destinations and the tourism experience CO2.To assess marketingstrategies implemented in the promotion of tourism



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65	704C – 18 - PRACTICAL TOUR & TRAVEL MANAGEMENT	CO1.Examine and discuss the key concepts and principles of marketing as applied to destinations and the tourism experience CO2.To assess marketingstrategies implemented in the promotion of tourism
66	BHMCT 701D-18 ACCOMMODATION MANAGEMENT	CO1 Students will be able to acquire knowledge and learn about the Elements of Design, Lightening and Lightening Fixtures in Housekeeping department. CO2 Students will be able to perform various 3R's of waste management, Garbage segregation and Energy Generation. CO3Students will be able to explain ECO-FRIENDLY PRACTICES and System of certifying Ecotel CO4 Students will be able to identify the ENERGY AND WATER CONSERVATION IN HOUSEKEEPING OPERATIONS
67	BHMCT 702D-18 - PRACTICAL ACCOMMODATION MANAGEMENT	CO1 Students will be able to identify special decoration and planning with time split executing CO2 Students will be able to understand the importance of team cleaning CO3 Students will be able to identify the standard operating procedure of different cleaning surfaces and will be able to use in an appropriate& professional manner.
68	BHMCT 703D-18 - INTERIOR DECORATION	CO1. Understanding Design Principles: Studentsshould gain a comprehensive understanding of design principles such as balance, proportion, rhythm, emphasis, and harmony, CO 2. Space Planning: Ability to analyze and plan interior spaces effectively CO3 Color Theory and Application: Proficiency in understanding the psychology of color, color schemes. CO4 Materials and Finishes: Knowledge of various materials, finishes, and textiles



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69	BHMCT 704D-18 - PRACTICAL INTERIOR DECORATION	CO1. Understanding Design Principles: Studentsshould gain a comprehensive understanding of design principles such as balance, proportion, rhythm, emphasis, and harmony, CO 2. Space Planning: Ability to analyze and plan interior spaces effectively CO3 Color Theory and Application: Proficiency in understanding the psychology of color, color schemes. CO4 Materials and Finishes: Knowledge of various materials, finishes, and textiles
70	BHMCT 705- PRINCIPLES OF MARKETING	CO1: Explain the basics of marketing, selling, marketing mix and its core concepts. CO2: Describe the intricacies of the marketing environment and marketing information systems for effective marketing planning and strategies.
		CO3: Develop necessary skills for effective market segmentation, targeting and positioning. CO4 – Illustrate various components of product mix, product life cycle and comprehend the new product development process.
71	BHMCT 706- FINANCIAL MANAGEMENT	CO1: Apply financial data for use in decision making by applying financial theory to problems faced by business enterprises.
		CO2: Apply time value of money to various pricing and money value.
		CO3: Apply modern techniques in capital budgeting analysis. CO4: Assess dividend policy's impacts on share prices
72		CO1: Describe the concept and theories of entrepreneurship and its role in economic development of nation.
	BHMCT 707- ENTREPRENEURSHIP	CO2: Develop business plan and identify the reasons of failure of business plans.
		CO3: Illustrate the steps in starting MSME. CO4: Comprehend government policies and regulatory framework available in India to facilitate the process of



	armated to me to proper	ala) & Approved by AICTE (New Delhi) entrepreneurial development.
		CO5: Identify different sources of finance for new enterprises and assess the role of financial institutions and various government schemes in entrepreneurial development. Syllabus Mapping
73		CO1 Students will be able to do a field study CO2 Students will be able to explore new hotel requirement
	BHMCT 708- PROJECT REPORT	in the region. CO3 Students will have business insight
		CO4 Students will be able to prepare a feasibility report related to Hotel Business
74	BHMCT 709- FACILITY PLANNING	CO1: Classify hotels (Five, four, three, two, one & heritage). CO2: Understand the importance of design and implement it. CO3: Prepare a layout of the main service areas of a hotel CO4: Comprehend new trends and methods for management of infrastructure.
75	BMPD 702-18 MENTORING AND PROFESSIONAL DEVELOPMENT	CO1 Students will actively participates in various classroom activities like expert talk, aptitude test, Group Discussion and quiz which in turn help them improve communication skills.
		CO2 students will be able to analyse and discuss on various issues raised in Group Discussions.
		CO3 Students will have various outdoor activities which in turn helps them with team building.
		CO4 Students will be able to be more confident.

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76	BHMCT801-18 SPECIALIZED HOSPITALITY TRAINING	CO1 The students will gain practical exposure in real life business activity under the supervision of industry experts. CO2 They will also learn to co-relate theoretical knowledge with practical realities. CO3 Students will manage to learn in teams whilst on Training at a Hotel CO4 They will enhance their interpersonal skills while working in Industry
77	BMPD 802-18 MENTORING AND PROFESSIONAL DEVELOPMENT	CO1 Students will actively participates in various classroom activities like expert talk, aptitude test, Group



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Course Outcomes

BCA 1st Semester

Mathematics (UGCA1901)

- CO1 Define various mathematical notions.
- CO2 Explain different terms used in basic mathematics.
- CO3 Illustrate various operations and formulas used to solve mathematical problems.
- CO4 Organize data in various models.
- CO5 Prepare solutions for various real-life problems

Fundamentals of Computer and IT(UGCA1902)

- CO1 Identify of input and output devices of Computers.
- CO2 Utilize the functioning of various components of computer system
- CO3 Define the role of Operating system
- CO4 Prepare documents using word processing, Spreadsheet and Presentation Graphics Software's.
- CO5 Highlight the Internet safety, legally, and other issue

Problem Solving using C(UGCA1903)

- CO1 Express the logical flow used in Programming.
- CO2 Design algorithms for solving various real-life problems
- CO3 Implement programs using C.
- CO4 Choose the right data type and statements for programs.
- CO5 Explain various concepts of C programming language.

English (BTHU103/18)

- CO1 The objective of this course is to introduce students to the theory, fundamentals and tools of communication.
- CO2 To help the students become the independent users of English language.
- CO3 To develop in them vital communication skills which are integral to their personal, social and professional interactions.
- CO4 The syllabus shall address the issues relating to the Language of communication.
- CO5 Students will become proficient in professional communication such as interviews, group discussions, office environments, important reading skills as well as writing skills such as report writing, note taking et

Human Values, Deaddiction and Traffic Rules (HVPE101-18)

- CO1 To help the students appreciate the essential complementarily between
- 'VALUES' and 'SKILLS' to ensure sustained happiness and prosperity which are the core aspirations of all human beings.
- CO2 To facilitate the development of a Holistic perspective among students towards life, profession and happiness, based on a correct understanding of the Human reality and the rest of Existence. Such a holistic perspective forms the basis of Value based living in a natural way.
- CO3 To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually satisfying human behavior and mutually enriching interaction with Nature

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BCA 2ND SEM

Object Oriented Programming using C++ (UGCA1909)

CO1 Outline the role of programming for solving real world problems.

CO2 Explain Object oriented approach for finding Solutions to various problems with the help of C++ language.

CO3 Implement computer-based solutions to various real-world problems using C++

CO4 Select the right Object-Oriented Concept for optimal solution.

CO5 Review different solutions for a common problem.

Computer System Architecture (UGCA1908)

CO1 Identify the various internal and peripheral components of computer system.

CO2 Categorize different number system.

CO3 Outline the role of various components of computer system.

CO4 Identify micro-operations.

CO5 Comment on the design of Combinational & Sequential circuits.

Fundamentals of Statistics (UGCA1907)

CO1 Highlight the need of studying & analysing numbers.

CO2 Identify visualization tools for representing data.

CO3 Describe various statistical formulas.

CO4 Compute various statistical measures.

CO5 Compare result of different statistical measures.

BCA 3rd Sem

Computer Networks (UGCA1913)

CO1 Highlight the characteristics of various protocols.

CO2 Define different network technologies and their application.

CO3 Identify Hardware and software components for designing network.

CO4 Compare the performance of different network media

CO5 Implement various configuration settings

Programming in Python (UGCA1914)

CO1 Explain environment, data types, operators used in Python.

CO2 Compare Python with other programming languages.

CO3 Outline the use of control structures and numerous native data types with their methods.

CO4 Design user defined functions, modules, files, and packages and exception handling methods.

CO5 Write solutions for Object Oriented Programming Concepts

Data Structures (UGCA1915)

CO1 Apply appropriate constructs of Programming language, coding standards for application development

CO2 Select appropriate data structures for problem solving and programming

CO3 Illustrate the outcome of various operations on data structures.

CO4 Identify appropriate searching and/or sorting techniques for wide range of problems and data types.

CO5 Differentiate between various types of data structures

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BCA 4TH SEM

Database Management Systems (UGCA1922)

CO1 Define the basic concepts of DBMS

CO2 Design SQL queries.

CO3 Illustrate the concept of data normalization with the help of real-life examples.

CO4 Explain the concept of transaction management.

CO5 Outline features of advanced database management systems.

Operating Systems (UGCA1923)

CO1 Discuss the evaluation of operating systems.

CO2 Explain different resource managements performed by operating system.

CO3 Describe the architecture in terms of functions performed by different types of operating systems.

CO4 Analyse the performance of different algorithms used in design of operating system components.

CO5 Compare the key properties of different types of Operating Systems.

Web Designing (UGCA1927)

CO1 Create pages with simple tags in HTML.

CO2 Design webpages with multiple sections or frames.

CO3 Explain how to link webpages through hypertext or images a links.

CO4 Outline the key web designing concepts using java script.

CO5 Design forms with special controls using HTML.

Software Engineering (UGCA1921)

CO1 Highlight the need of software engineering.

CO2 Outline the phases and activities involved in the conventional software life cycle models.

CO3 Design documents for various phases of software life cycle.

CO4 Compute the complexity of the software based on multiple metrices.

CO5 Identify the tools needed for different types of documents required in software engineering

BCA 5th

Programming in PHP (UGCA1929)

CO1 Outline the importance and benefits of PHP C

O2 Compare Client-Side Script & Server-Side Script.

CO3 Explain the use of control structures, data types used in PHP.

CO4 Implement database connectivity.

CO5 Develop Dynamic Website that can interact with different kinds of Database Languages.

Computer Graphics (UGCA1934)

CO1 Identify different types of Input and Output devices.

CO2 Outline the key characteristics of virtual reality.

CO3 Explain different algorithms to draw shapes like line, circle, point, etc.

CO4 Differentiate between 2-D and 3-D coordinate system

CO5 Define projection.



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Programming in Java (UGCA1932)

- CO1 Define various Object-Oriented concepts in Java Programming.
- CO2 Compare different data types in java.
- CO3 Differentiate between built-in and user defined functions/methods, interfaces and packages etc.
- CO4 Outline the importance of exception handling in programs.
- CO5 Explain advanced concepts like multithreading, applet used in java.

Cloud Computing (UGCA1936)

- CO1 Define the concept of cloud computing.
- CO2 Outline the benefits if migrating to a cloud solution for different applications.
- CO3 Compare different virtualization technologies.
- CO4 Identify various resources needed to build cloud.
- CO5 Explain various security threats to cloud

BCA 6TH SEM

Android Programming (UGCA1943)

- CO1 Prepare environment for working on Android OS.
- CO2 Highlight various security issues in Android platform.
- CO3 Design innovative User Interface and develop activity for android app.
- CO4 Outline the steps for creating database applications.
- CO5 Write programs for basic Android based applications.

Artificial Intelligence (UGCA1945)

- CO1 Highlight the significance and domains of Artificial Intelligence and knowledge representation.
- CO2 Outline the advantages and disadvantages of various search techniques.
- CO3 Identify various Expert Systems and AI applications.
- CO4 Define the role of AI in different areas like NLP, Pattern Recognition etc.
- CO5 Select the right AI tool for different AI based applications.

Information Security (UGCA1948)

- CO1 Identify issues involved in the field of information security.
- CO2 Categorize various types of viruses.
- CO3 Outline the information security risks across de Internet and WWW.
- CO4 Explain different encryption techniques.
- CO5 Define cryptography.



Course Outcomes (Laboratory)

Problem Solving using C Laboratory (UGCA1905)

- CO1 Select the right statement for the program.
- CO2 Experiment with different input values.
- CO3 Test the output with boundary conditions.
- CO4 Distinguish between various control statements and data types.
- CO5 Implement programs for various problems

Workshop on Desktop Publishing (UGCA1904)

- CO1 Outline the characteristics of desktop publishing tools.
- CO2 Identify the right components for designing documents.
- CO3 Apply knowledge in designing various documents.
- CO4 Prepare different types of graphic related documents.
- CO5 Express the messages through graphical content

Fundamentals of Computer and IT Laboratory (UGCA1906)

- CO1 Highlight the features of word processing, spreadsheet and presentation tools
- CO2 Identify the right components for its documents on editor, spread sheet and presentation software.
- CO3 Prepare documents and apply formatting.
- CO4 select the right tool for different requirements.
- CO5 Apply various operations.

English Practical/Laboratory (BTHU104/18)

Course Outcomes:

- The objective of this course is to introduce students to the theory, fundamentals and tools of communication.
- To help the students become the independent users of English language.
- To develop in them vital communication skills which are integral to personal, social and professional interactions.
- The syllabus shall address the issues relating to the Language of communication.
- Students will become proficient in professional communication such as interviews, group discussions and business office environments, important reading skills as well as writing skills such as report writing, note taking etc.

BCA 2ND SEM

Object Oriented Programming using C++ Laboratory (UGCA1910)

- CO1 Design the classes.
- CO2 Illustrate the concept of memory representation for objects.
- CO3 Implement programs using OOP concepts for various problems.
- CO4 Implement file handling in C++
- CO5 Select the right data types to represent class properties.

Computer System Architecture Laboratory (UGCA1912)

- CO1 Identify various types of Gates and Circuits.
- CO2 Highlight the functioning of various gates and circuits.
- CO3 Validate the outcome of various gates and circuits.



CO4 Differentiate between the various types of gates and circuits.

CO5 Outline the use of each type of gate and circuit.

Fundamentals of Statistics Laboratory (UGCA1911)

CO1 Create Frequency table and Graphs for data representation.

CO2 Apply various statistical operations using statistical tool like excel.

CO3 Compute various statistical measures using statistical tool like excel.

CO4 Analyse real life data using statistical tool.

CO5 Prepare data in different formats and styles.

BCA 3rd Sem

Computer Networks Laboratory (UGCA1916)

CO1 Outline the key features of various protocols

CO2 Implement network configuration settings for an operating system

CO3 Prepare different types of cables for networking.

CO4 Design network model using network simulation tool

CO5 Implement various setting on FTP, Proxy and other servers.

Programming in Python Laboratory (UGCA1917)

CO1 Outline various programming constructs like data types and control structures of Python.

CO2 Implement different data structures.

CO3 Implement modules and functions.

CO4 Illustrate concept of object-oriented programming.

CO5 Implement file handling.

Data Structures Laboratory (UGCA1918)

CO1 Implement Dynamic memory allocation.

CO2 Create different data structures in C/C++

CO3 Implement various operations of all data structures

CO4 Illustrate the outcome of various operations with the help of examples.

CO5 Write programs to implement various types of searching and sorting algorithms

PC Assembly & Troubleshooting (UGCA1919)

CO1 Identify various components of computer systems.

CO2 Differentiate between types of processors required for different computer systems.

CO3 Explain the steps to install, connect and configure various peripheral devices

CO4 Execute the troubleshooting issues in Computer Systems

CO5 Explain how resources can be shared over network

PC Assembly & Troubleshooting Laboratory (UGCA1920)

CO1 Identify key component of computer system while assembling a system.

CO2 Implement installation and configuration of computer system

CO3 Perform installation, configuration and sharing of peripheral devices.

CO4 Solve troubleshooting issues in Computer Systems

CO5 Execute dual booting.

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BCA 4TH SEM

Database Management Systems Laboratory (UGCA1925)

- CO1 Differentiate between DDL, DML and DCL commands
- CO2 Implement DDL, DML and DCL commands
- CO3 Write integrity constraints on a database
- CO4 Design Databases and Tables in relational model for some project related to society welfare
- CO5 Implement PL/SQL

Operating Systems Laboratory (UGCA1926)

- CO1 Implement the installation and configuration of different operating systems.
- CO2 Write programs for different scheduling algorithms.
- CO3 Execute various commands in Vi editor
- CO4 Implement the dual boot installation
- CO5 Execute commands in shell programming

Web Designing Laboratory (UGCA1928)

- CO1 Design pages with simple tags in HTML
- CO2 Create web pages with Audio and Video content in it.
- CO3 Illustrate the movement from one web page to another
- CO4 Implement advanced web designing concepts using java script
- CO5 Execute a small web passed project for the benefit of society.

Software Engineering Laboratory (UGCA1924)

- CO1 Identify the scope and objective of different domains that have impact on society
- CO2 Create data flow diagrams
- CO3 Compute software complexity using latest tools
- CO4 Design a software engineering process life cycle.
- CO5 Implement specification, design, implementation, and testing process using latest tools

BCA 5th Sem.

Programming in PHP Laboratory (UGCA1930)

- CO1 Write scripts for basic web page designs
- CO2 Design the work flow of web page with the help of various control statements
- CO3 Differentiate between client side and server-side scripting
- CO4 Illustrate the concept of static and dynamic websites
- CO5 Implement the database concepts in PHP

Programming in Java Laboratory (UGCA1938)

- CO1 Execute Core Java concepts.
- CO2 Illustrate the role of different data type, operators and control statement in java with the help of programs.
- CO3 Write programs to handle exceptions
- CO4 Implement multithreading in java
- CO5 Execute interfaces and packages.

Cloud Computing Laboratory (UGCA1942)

- CO1 Identify major commercial projects in the field of cloud computing
- CO2 Design basic cloud applications
- CO3 Execute basic functionalities of open-source tools like Open Stack.
- CO4 Implement virtualization

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CO5 Define major services provided by cloud service provider.

BCA 6TH SEM

Android Programming Laboratory (UGCA1944)

CO1 Prepare environment for working on Android OS.

CO2 Program basic Android based applications.

CO3 Highlight various security issues in Android platform.

CO4 Implement database applications.

CO5 Design innovative User Interface and develop activity for android app.

Artificial Intelligence Laboratory (UGCA1954)

CO1 Identify right tool for different AI based problems.

CO2 Develop basic applications using AI tools.

CO3 Represent various real life problem domains using logic-based techniques and use this to perform inference or planning.

CO4 Outline the use of Bayesian approach to solve uncertain problems.

CO5 Implement basic Natural Language processing programs.

Information Security Laboratory (UGCA1954)

CO1 Outline various types of attacks.

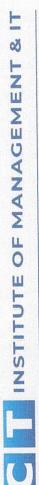
CO2 Categorize various types of viruses.

CO3 Prepare solutions to various threats

CO4 Review security policy

CO5 Implement Encryption Techniques





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2.6.1 Mapping of Course Outcomes (COs) with Program Outcomes (POs)

Department of Management Studies Bachelors of Business Administration

Semester	4													
Course Code	BBA 401	401												
Course name	Busin	less R	esear	ch Me	Business Research Methods									
Course Outcomes (CO)	P01	P02	P03	P04	PO5 P	90 b	PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 PO11 PO12 PSO1 PSO2 PSO3	8 PO9	PO10	P011	P012	PSO1	PS02	PSO3
CO1: Explain the objectives and process of conducting research and its application in business.	2	2	2	2					-	-	2	2	7	2
CO2: Analyze the different types of research design and experimental errors.	3	7	3	7					1	0	2	2	2	2
CO3: Understand various techniques of sampling and methods of data collection.	2	3	3	2					-	0	2	2	2	2
CO4: Examine different types of scales and appraise about data preparation and analysis	33	3	3	2					-	0	2	2	2	2
Average PO	2.5	2.5	2.75	7					-	0.25	7	2	2	2





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Master of Business Administration

Semester	-													
Course Code	MBA101-18	01-18										7		
Subject name	Found	Foundations Of Management	f Man	ageme	nt									
Course Outcomes (CO)	POI	P02	PO3	PO3 PO4 PO5	PO5	PO 6	P P O7	P 8 09		PO PO1 PO 10 12	PO 12	PSO 1	PSO2	PSO3
CO1:Describe fundamental concepts and principles and conventions of accounting	3	3	3	2	2	2			-	-	2	2	7	2
CO2:Explain the role and responsibilities of managers and adapt to the various styles of management across organizations.	3	2	. 3	2	2	3	_		-	0	2	2	2	2
CO3:Develop analytical abilities to face the business situations	2	3	8	2	3	2			-	0	7	2	2	. 2
CO4: Apply various tools that would facilitate the decision making process in the business	3	3	3	2	2	2			-	0	7	2	2	2
Average PO	2.75	2.75	3	2	0	2.2	0 1	0	-	0.25	7	7	2	7





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Department of Commerce Bachelors of Commerce

Course Name Course Code Course Outcomes (CO) COI: Describe fundamental concepts, nature and principles of Management.				-7)			
omes (CO) e fundamental concepts, nature and principles of	usiness	Organiz	ation An	Business Organization And Management	ement		
	BCOM 101-18	01-18					
COI: Describe fundamental concepts, nature and principles of Management.	P01	P02	P03	P04	P05	P06	P07
D. C.	3	2	3	2	2	3	2
CO2: Explain the role and responsibilities of managers and adapt to the various styles of management across organizations.	2	3	3	2	. 3	2	3
CO3: Develop analytical abilities to face the business situations.	2	3	2	2	3	2	2
CO4: Apply various tools that would facilitate the decision making process in the business.	3	3	2	3	2	2	2
CO5: Develop peer based learning and working in groups and teams.	3	2	3	3	7	2	3
Average PO	2.6	2.6	2.6	2.4	2.4	2.2	2.4

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Department of Media Studies

Bachelors of Journalism & Mass Communication

Semester	1			
Course Name	Experimental Animation Lab	mation Lab		
Course Code	AMT 107			
Course Outcomes (CO)	PO1	PO2	PO3	P04
CO1: Describe the various elements of Animation	3	2	2	2
CO2: Understand the role played by Traditional and Modern Type of Animation	-	2	3	2
CO3: Learn to add pictures, graphics, sound and animation to prepare a project.	т	8	3	3
CO4: Learn the presentation skills and ideas with creativity by using tools.	3	2	3	2
Average PO	2.5	2.25	2.75	2.25

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Department of Hotel Management

	Seme	Semester - 2							
Course Name Food Production Foundation	Pood I	roductio	n Found	lation					
Com	rse Code	Course Code - BHMCT-201	T-201						
Course Outcomes (CO)	P01	P02	PO3	P04	P05	90d	PS01	PS02	PSO3
CO1: Learners will be able to understand the usages of different spices, condiments & commodities used in Indian Cuisine.	8	3	3	3	2	2			
CO2: To gain knowledge to develop Menu keeping in mind the importance.	3	3	2	2	2	3			
CO3: Examine and solve design problems involving machine elements on the basis of various theories of failure.	2	2	3	2	3	2		10.7	
CO4: To let students familiarize with various meats cuts and their use in Food Production.	3	2	3	2	2	2			
Average PO	2.75	2.5	2.75	2.25	2.25	2.25			







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Department of Travel & Tourism

	Semes	Semester - 4							
Course Name Introduction To Indian Cookery	Introduc	tion To	Indian (Cookery					
Com	Course Code -BHMCT-401	-BHMC	T-401						
Course Outcomes (CO)	PO1	PO1 PO2 PO3	P03	P04	P05	90d	PSO1	PS02	PSO3
CO1: Students will be able to gain knowledge about the history & heritage of Indian Regional Cuisine	8	7	3	3	8	2			
CO2: Students will have insight on various Regional Indian Cuisines	3	8	2	2	2	2			
CO3: Students will acquire knowledge on Dum cooking and Tandoor Cooking.	2	2	3	7	3	2			
CO4: Students will be able to know the History and cooking of Indian Sweets.	3.	3	3	2	2	2			
Average PO	2.75	2.5	2.75	2.25	2.5	2			

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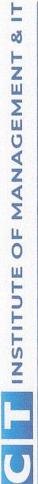
Department of Computer Applications

Bachelors of Computer Applications

Course Nan											
P.Cu.	ne: Fund	lamenta	als of Co	omputer	rs & IT						
100	Course	Code: U	Course Code: UGCA1902	0.0							
Course Outcomes (CO)	P02	P03	P04	P05	P06	P07	P08	P09	PO10	PS01	PS02
CO1: Identify of input and output devices of 3	3	3	2	3	3	2 .	0	0	2	2	2
CO2: Utilize the functioning of various 3	2	3	æ ≅	1	2	2	1	0	-	2	2
CO3: Define the role of Operating system 3	3	3	1	1	0	_	2	0	2	2	2
CO4: Prepare documents using word processing, Spreadsheet and Presentation Graphics Software's.	7	7	2	2	_	-	2	0	-	7	2
CO5: Highlight the Internet safety, legally, and 3 other issues.	3	2	-	2	-	-	2	0	-	2	2
Average PO 3	2.6	2.6	1.8	0	1.4	0	1.4	0	1.4	2	2

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Masters In Computer Applications

Subject code: PGCA1918															
Course Outcomes (CO)	P01	P02	P03	P04	P05	P06	P07	P08	P09	PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 PO11	P011	PO12 PSO1 PSO2 PSO3	PSO1	PSC	02
CO1: Learn the advanced features of Java and write the programs.	3	3	3	3	6	7	2	2	7	-	7	_	7	2	
CO2: Work with API and implement Serialization concept of Java	2	33	6	2	8	2	7	2		7	_	2	2	2	
CO3: Learn Java Generics and develop Projects	3	3	3	3	3	2	2	3	2	2	3	2	2	2	
Average PO	2.67	3	33	2.67	0	7	0	2.33	0	1.667	7	1.667	7	2	

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Department of Management Studies Master of Business Administration

	M	Mapping of Course Outcomes (COs) with Program Outcomes (POs)	Course C	utcomes	(COs) w	vith Prog	ram Out	comes (P	Os)				
Semester							П						
Course Name					Busines	s Analyti	cs for De	Business Analytics for Decision Making	aking				
Course Code						W	MBA201-18						1
Subject name					Busines	s Analyti	cs for De	Business Analytics for Decision Making	aking				
Course Outcomes (CO)	P01	P02	P03	P04	P05	P06	PE01	PE02	PE03	PE04	PE05	PEO6	
CO1: To have a deeper and rigorous understanding of fundamental concepts in business decision making under subjective conditions	6	m	6	2	2	~		7	6	7	_		
CO2: To enhance knowledge in probability theory and normality and its distribution concepts	8	7	6	7	7	m							

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2				2.333333 1
2	2		2	0 2.33.
2	2		7	2
m	7		~	0
7	7			2.25
m .	7			0
7	7		1	7
ю	Ю			8
т	B	n	7	2.666667
7	n	63	-	2.3
CO3: To conduct research surveys through multiple regression and multiple correlation	CO4: To design a good quantitative purpose statement and good quantitative research questions and hypotheses	CO5: To know the various types of quantitative sampling techniques and conditions to use.	CO6: To utilize the time series method to predict the future of sales in a concern	Average PO

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