Maharaja Surajmal Institute

Course Outcomes (CO's)& Programme Outcomes (PO's) of different courses

PROGRAMME: BACHELOR OF BUSINESS ADMINISTRATION
(BANKING AND INSURANCE)

Program Outcomes

After the program the students will be able to:

PO1. Apply knowledge of various functional areas of business.

PO2. Develop communication and professional presentation skills.

PO3. Demonstrate critical thinking and Analytical skills for business decision making.

PO4. Illustrate leadership abilities to make effective and productive teams.

PO5. Explore the implications and understanding the process of starting a new venture.

PO6. Imbibe responsible citizenship towards sustainable society and ecological environment.

PO7. Appreciate inclusively towards diverse culture and imbibe universal values.

PO8. Foster creative thinking to find innovative solutions for diverse business situations.

Program Specific Outcomes:
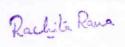
After the program the students will be able to:

PSO1. Develop proficiency in technical operations of Banking and Insurance organization.

PSO2.Demonstrate critical thinking and innovative ability to deal with problems in Banking and Insurance industry.

PSO3.Exhibit Negotiation skills and networking abilities to market and promote products in Banking and Insurance industry.

PSO4. Appraise social, legal and economic implications of Banking and Insurance Sector

FIRST SEMESTER

PAPER CODE	PAPER NAME	COURSE OUTCOMES
BBA(B&I) 101	Management Process and	CO1:Understanding of the concepts of management and its evolution

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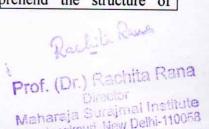Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

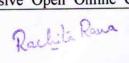|	Organization Behaviour	CO2:Understanding the relevance of the theories of Motivation CO3: Understanding the concept of Organization Behaviour and importance of understanding Individual Behaviour CO4: Understanding the concept and relevance of team and group behavior.
BBA (B&I) 103	Principles of Banking	CO1: Understands the evolution of Banking CO2: Understand the concept of Reserve Bank of India CO3:Understand the commercial Banking CO4: Understand the emerging trends in banking
BBA(B&I) 105	Financial Accounting and Analysis	CO1: Understand the basic concepts of accounting and the relevance of GAAP and accounting standards CO2: Preparation of company final accounts with adjustments CO3: Understand the contemporary issue and challenges in accounting and the concept and the methods of depreciation CO4 : To acquire knowledge related to share capital and debentures
BBA(B&I) 107	Business Economics	CO1: Understand the fundamental concepts of Business Economics CO2: Understand the relationship between consumer behavior and demand analysis CO3 : Understand and determine the pricing under various markets CO4: Acquire skills to deal with economics related business and research problems
BBA (B&I) 109	Business Communication	CO1: Proficiency in formal written communication and significance of effective listening CO2:Appreciate diversity and adapt to multicultural communication CO3:Analyze the forms and methods of formal and informal mode of communication CO4:Ability to make effective and well-articulated presentations
BBA(B&I) 111	IT Applications in Business	CO1: Understand the basic concepts of Computer Hardware, Software, Networking, Security, Web and applications. CO2: Select and judge usage of Computer Applications, product and services.

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

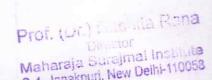|		
		CO3: Know about the importance of MS Word, MS Power Point, and Advance MS Excel in development of Computer. CO4: Understand the roles of databases in Computer applications
BBA(B&I) 113	IT Applications in Business-Lab	CO1: Understanding Microsoft office with the help of assignments and examples. CO2: Understanding MS excel platform and its advance features by creating a case study containing all its features. CO3: Efficiently able to develop presentation and communication skills. CO4: Demonstrate a basic understanding of computer hardware and software.
BBA(B&I) 115	Entrepreneurial Mindset	CO1: Exhibit entrepreneurial skills and abilities CO2: Imbibe Creativity and innovativeness to explore new ideas and prospects CO3: Explore the laws and government assistance available for new entrepreneurs. CO4: Explore ways to achieve entrepreneurial success

SECOND SEMESTER

PAPER CODE	PAPER NAME	SUBJECT OUTCOMES
BBA(B&I) 104	Cost Accounting	CO1: To understand the basic cost objectives and scope of cost accounting in business CO2: Acquire skills to control material through various material controlling techniques CO3: Understand the remuneration systems and incentive schemes to deal with labour cost CO4 : Acquire skills to handle the overhead cost through overhead functional analysis
BBA (B&I) 102	Business Mathematics	CO1: Understanding and solve the problems of counting and research. CO2. Understanding the concept and solve the problems of Matrix Algebra CO3: Understand the concept and solve the problems of Differential calculus CO4 : Understand the concept and solve the problems of Integral calculus
BBA 106	Business Environment	CO1: Explore the Business Environment and its relevance and comprehend the structure of

		CO2:Analyse the planning system and economic development in India CO3:Examine the concept of Macro Economics and determination of National Income CO4: Explore the Macro Economic framework
BBA 108	E-Commerce	CO1: Evaluate strengths and weaknesses, solve problems and make recommendations in business and commercial practices. CO2:Explain technologies supporting e-commerce, including Web services and electronic payment systems CO3: Be able to evaluate problems posed by utilizing electronic commerce, including security, legal jurisdictions and effectiveness; CO4: Be able to evaluate applications of electronic commerce in organizations and analyze the barriers to successful implementation of these technologies.
BBA 110	Business Communication	CO1: Understand the concept of communicating in a Multicultural world CO2: Acquire skills for writing Business letters CO3: Understands the concepts of departmental communication CO4: Understands the relevance of effective listening
BBA 112	E-Commerce Lab	CO1: Design, develop and maintain a basic website. CO2: Students should be able to create static HTML web pages CO3: Students should formulate controls for developing web sites. CO4: Students will be able to demonstrate basic animation using HTML.
BBA 114	Minor Project-I	CO1: Identify a business problem or a field of study CO2: Explore the environment to identify potential research areas CO3: Crystallize a business concern into a concrete business research problem CO4: Explore alternative ways to resolve a business problem
BBA 116	MOOC	Course Outcome: To remove rigid boundaries and facilitate new possibilities for learners in education system, study webs of active learning for young aspiring minds is India's Nation Massive Open Online Course (MOOC) platform. Massive Open Online Courses

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
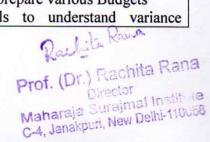C-4, Janakpuri, New Delhi-110058

		(MOOCs) are online courses which are designed to achieve the three cardinal principles of India's education policy: Access, Equity and Quality. MOOCs provide an affordable and flexible way to learn new skills, career development, changing careers, supplemental learning, lifelong learning, corporate eLearning & and deliver quality educational experiences at scale and more.

THIRD SEMESTER

PAPER CODE	PAPER NAME	SUBJECT OUTCOMES
BBA 201	Business Laws	CO1: Understand the Contract Act 1872 and its essential elements CO2: Understand the contract of sale of goods act 1930 CO3: Understand companies act 2013 with upto date amendments CO4: Acquire skills to understand the valid contract regarding business transactions
BBA 203	Marketing Management	CO1: Understand the basic concepts of Marketing Management process CO2 : Acquire skills to understand the factors which influence the promotional mix CO2: Understand the concept and importance of Direct marketing, Public Relations and Digital Marketing CO4: Acquire skills to handle marketing related business and research issues.
BBA 205	Business Ethics and Corporate Social Responsibility	CO1: Understand the concept of values, ethics and their relevance in Business CO2: Understand the concept of Knowledge management and Wisdom management, acquire skills to manage stress. Understand the concept of Karma and Dharma CO3: Understand the relevance of Corporate Social Responsibility and Corporate Governance CO4: Acquire skills to implement ethics and values when dealing with business related issues
BBA 207	Management Accounting	CO1: Understand the nature and scope of Management Accounting CO2: Acquire skills to prepare various Budgets CO3 : Acquire skills to understand variance

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

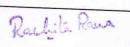| PAPER CODE	PAPER NAME	SUBJECT OUTCOMES
		analysis, marginal costing and its computation CO4: Acquire skills to do take decisions involving alternatives
BBA 209	Indian Economy	CO1: This course will enable students to be abreast with the changing dynamics of Indian economy and have in depth understanding of economic changes both at national and International levels. CO2: This course will result in comprehensive understanding of Indian Economy CO3: Student will be able to understand government policies and programs related to different sectors of Indian Economy. CO4: Students will be able to understand how planning and infrastructure support can develop an economy.
BBA 211	Environmental Science (NUES)	CO1: Understand the concept of ecosystem, sustainability and International efforts for environmental protection and also understands how ecosystems work CO2: Understand the concept of water pollution and air pollution. Acquire skills how to prevent it. CO3: Understand the concept of solid waste and acquire skills how to manage it CO4 : Acquire skills to assess the impact of environment and environmental management system

FOURTH SEMESTER

PAPER CODE	PAPER NAME	SUBJECT OUTCOMES
BBA 202	Human Resource Management	CO1: Understand the concepts and relevance of HRM vs Strategic HRM CO2: Understand the various dimensions of Human resource Planning CO3: Understand the needs, methods and designing of training and development programmes, career planning and career development, employee compensation CO4: Acquire skills to do employee performance appraisal and to understand the relevance of employee maintenance and Industrial Relations
BBA	Financial Management	CO1: Understand the concept of financial

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

204		management and sources of financing CO2: Acquire skills to do capital Budgeting through different techniques CO3: Understand the concept of cost of capital, capital structure and Dividends. CO4: Understand the concept of working capital management skills and to acquire skills to manage finances well and take financial decision for a business.
BBA 206	Research Methodology	CO1: Understand the basic concepts and scope of Business research CO2: Understand the research process for solving the business related problems CO3: Understand the concept of measurement, sampling and hypothesis testing CO4: Understand the role of computerized Data analysis and to acquire skills to solve Business research problems systematically
BBA 208	Research Methodology Lab	CO1: Acquire skills to use software(Advance Excel/SPSS) CO2: Understand research tools for solving business CO3: Acquire skills to implement statistical tests for resolving an issue CO4: Helps in decision making inner research.
BBA 210	Information System Management	CO1: The student would understand the classifications of MIS, understanding of functional MIS and the and the constituents of the MIS. CO2: Students will be benefited by knowing objectives & role of MIS in the industry, Role of MIS in Business Organizations. CO3: Importance of TPS (Transaction processing System), DSS (Decision Support System),EIS(Enterprises information System) and in identifying the major management challenges to building and using information systems in organizations. CO4: To mare the students understand the concept of Cost Benefit Analysis and SDLC along with its Impact on Organization
BBA 212	Information System Management Lab	CO1: Lab will acquaint the students with the various aspects and components of Information Systems specially data bases. CO2: Students are required to design the Data bases using E-R Model and CO3: Students were provided information about SQL queries

Rachita Rana

Prof. (Dr.) Rachita Rana

Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

Paper Code	Paper Name	Subject Outcomes
		CO4: Students learn how to run SQL queries on DDL commands, DML commands and aggregate functions.
BBA 214	Managerial Skill Development (NUES)	CO1: To facilitate students' understanding of their own managerial skills. CO2: To improve communication skills. CO3: To develop an ability to work with moral and ethical dilemmas and make decisions using critical thinking. CO4: To polish the skillset of students for better placement opportunities and successful careers.

FIFTH SEMESTER
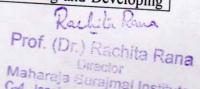
Paper Code	Paper Name	Subject Outcomes
BBA 301	Income Tax Law and Practice	CO1: Understand the concept of Income Tax Act 1961 under various heads. CO2 : Understand the Deductions u/s 80 C to 80 U CO3: Understand the concept of Deduction of Tax at Sources and the computation of total Income and Tax Liability. CO4: Acquire skills related to procedure of filling return (online filling-ITR)
BBA 303	Production & Operations Management	CO1: Understand the basic concept and functions of production and operation management CO2: Acquire skills to design and development of production and skills to decide plant location and plant layout CO3: Understand the purchasing procedure and material management CO4: Understand Inventory management and JIT with quality management systems and TQM
BBA 305	Services Marketing	CO1: Knowledge about the concept of service marketing and the reasons for growing importance of service sector in India was imparted to students. CO2: Understand the importance of consumer behavior and various dimensions to measure service quality. CO3: To familiarize with 7 Ps framework of service marketing. CO4: Identification of various challenges of service distribution and ways to manage physical evidence and servicescape.
BBA 307	Entrepreneurship Development	CO1: Understand the concept of Entrepreneur and its emergence

Paper Code	Paper Name	Subject Outcomes
		CO2: Understands how to go about the promotion of a venture CO3: Understands entrepreneurial Behaviour CO4: Understands Development programmes for entrepreneur and to acquire skills regarding starting up their own business unit.
BBA 309	Goods & Services Tax (GST)	CO1: Understands the concept of GST in India CO2: Acquire skills to Assess GST Tax CO3: Understands how to file returns and their due dates and also about offences and penalties CO4: Understands the role of GST Practitioner
BBA 311	Summer Training Report	CO1: Acquire Analytical Skills CO2: Broaden the thinking horizon CO3: Helps in understanding business issues CO4 : Develop problem solving attitude

SIXTH SEMESTER

Paper Code	Paper Name	Subject Outcomes
BBA 302	Project Management	CO1: Understand the concept of Project Management and Techniques to manage the projects CO2: Understand the project life cycle and to acquire skills to generate and screen the project ideas CO3: Acquire skills to do technical analysis and market Analysis. Understands the network techniques. CO4: Understand various sources of projects financing and to acquire skills to evaluate and control the projects.
BBA 304	Digital Marketing	CO1: Understand the concept of Digital Marketing CO2: Understand online buyer behavior and models CO3: Acquire skills to take various decisions related to online marketing. CO4: Acquire skills to exploit the opportunities of this medium to support the organization's marketing activities.
BBA 306	International Business Management	CO1: The outcome of the subject is to familiarize the students about the Global Dimensions of Management. CO2: To create basic understanding of International Financial Perspectives. CO3: To develop a firm understanding of Cross Cultural aspects in Corporate Houses. CO4: To prepare them for Planning and Developing

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Instit...

		Indian Economy. CO2: Analyze the planning system and economic development in India. CO3: Examine the concept of Macro Economics and determination of National Income. CO4: Explore the Macro Economic framework.
BBA(B&I) 108	Principles of Insurance	CO1: Comprehend different risks and their management. CO2: Explore the relevance of Insurance to the emerging Socio-Economic needs of the society CO3: Analyze different types of Insurance contracts and types of Insurance. CO4: Understand the concept of utmost good faith, Indemnity and Insurable Interest Insurance.
BBA (B&I) 110	E-Commerce	CO1: Examine strengths and weaknesses of digital profiles of business organizations CO2: Explore ways to enhance online visibility of business CO3: Analyze challenges of security, privacy and legal jurisdictions in e commerce CO4: Examine the barriers to successful online positioning of businesses
BBA (B&I) 112	E-Commerce Lab	CO1: Design, develop and maintain a basic website. CO2: Create static HTML web pages CO3: Formulate controls for developing web sites CO4: Demonstrate basic animation using HTML.
BBA (B&I) 114	Minor Project-I	CO1: Identify a business problem or a field of study CO2: Explore the environment to identify potential research areas CO3: Crystallize a business concern into a concrete business research problem CO4: Explore alternative ways to resolve a business problem
BBA (B&I) 116	MOOC	Course Outcome: To remove rigid boundaries and facilitate new possibilities for learners in education system, study webs of active learning for young aspiring minds is India's Nation Massive Open Online

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

		Course (MOOC) platform. Massive Open Online Courses (MOOCs) are online courses which are designed to achieve the three cardinal principles of India's education policy: Access, Equity and Quality. MOOCs provide an affordable and flexible way to learn new skills, career development, changing careers, supplemental learning, lifelong learning, corporate eLearning & and deliver quality educational experiences at scale and more.

THIRD SEMESTER

PAPER CODE	PAPER NAME	SUBJECT OUTCOMES
BBA(B&I) 201	Quantitative Techniques	CO1: Understand the basic concepts of Statistics CO2: Acquire skills to apply correlation and concepts in business and research problems CO3 : Understand the linear programming in solving business problems and helps in taking decisions CO4: Understand the problems of general structure of transportation and assignment problems
BBA (B&I) 203	Marketing Management	CO1: Understand the basic concepts of Marketing Management process CO2 : Acquire skills to understand the factors which influence the promotional mix CO2: Understand the concept and importance of Direct marketing, Public Relations and Digital Marketing CO4: Acquire skills to handle marketing related business and research issues.
BBA(B&I) 205	Regulatory Framework of Insurance Sector	CO1: To give understanding of the basic concepts and issues in insurance business and their application in business decisions and awareness about the conduct of Insurance Business in India. CO2: Understanding of Insurance Regulatory Development Authority and its functioning. CO3:Introduction about Insurance Regulations in India CO4: Conceptual framework of Marketing of Insurance Services and Financial aspects of Insurance Services.

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

BBA (B&I) 207	Management Accounting	CO1: Understand the nature and scope of Management Accounting CO2: Acquire skills to prepare various Budgets CO3 : Acquire skills to understand variance analysis, marginal costing and its computation CO4: Acquire skills to do take decisions involving alternatives
BBA(B&I) 209	Business Environment	CO1: Understand the overview of Business Environment and its relevance CO2: Understand the Indian Economy structure CO3: Understand planning and economic development of Indian Economy CO4 : Understand the concept of Macro Economics and determination of National Income
BBA(B&I) 211	Environmental Science (NUES)	CO1: Understand the concept of ecosystem, sustainability and International efforts for environmental protection and also understands how ecosystems work CO2: Understand the concept of water pollution and air pollution. Acquire skills how to prevent it. CO3: Understand the concept of solid waste and acquire skills how to manage it CO4 : Acquire skills to assess the impact of environment and environmental management system

FOURTH SEMESTER

PAPER CODE	PAPER NAME	SUBJECT OUTCOMES
BBA(B&I) 202	Management of Commercial Banks	CO1: Understand the structure of Commercial banks CO2: Acquire skills to analysis of Assets and Liability and to understand the risks involved in commercial banking CO3: Understand the global trends and developments in International banking and the management of foreign exchange CO4: The students will get an opportunity to understand various analytical tools and to take managerial decisions.
BBA(B&I) 204	Business Ethics and Corporate Social Responsibility	CO1: Understand the concept of values, ethics and their relevance in Business CO2: Understand the concept of knowledge

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

			management and Wisdom management, acquire skills to manage stress. Understand the concept of Karma and Dharma CO3:Understand the relevance of Corporate Social Responsibility and Corporate Governance CO4: Acquire skills to implement ethics and values when dealing with business related issues
BBA 206	(B&I)	Banking Law and Practice	CO1: The students will be familiarized with the various types of financial services and products and how these are to be marketed. CO2: Understand the recent developments in marketing of Financial Products & Services. CO3: Understand the overview of Reserve Bank of India Act,1934 and the cyber laws relating to banking CO4: Understand the legal aspect of Negotiable Instrument Act 1860 and the SARFAESI Act,2002
BBA 208	(B&I)	Financial Management	CO1: Understand the concept of financial management and sources of financing CO2: Acquire skills to do capital Budgeting through different techniques CO3: Understand the concept of cost of capital, capital structure and Dividends. CO4: Understand the concept of working capital management skills and to acquire skills to manage finances well and take financial decision for a business.
BBA 210	(B&I)	Research Methodology	CO1: Understand the basic concepts and scope of Business research CO2: Understand the research process for solving the business related problems CO3: Understand the concept of measurement, sampling and hypothesis testing. CO4: Understand the role of computerized Data analysis and to acquire skills to solve Business research problems systematically.
BBA 212	(B&I)	Research Methodology Lab	CO1:Acquire skills to use software(Advance Excel/SPSS) CO2: Understand research tools for solving business CO3: Acquire skills to implement statistical tests for resolving an issue CO4: Helps in decision making inner research.

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

BBA(B&I) 214	Managerial Development (NUES)	Skill	CO1: To facilitate students' understanding of their own managerial skills. CO2: To improve communication skills. CO3: To develop an ability to work with moral and ethical dilemmas and make decisions using critical thinking. CO4:To polish the skillset of students for better placement opportunities and successful careers.

FIFTH SEMESTER

PAPER CODE	PAPER NAME	SUBJECT OUTCOMES
BBA(B&I) 301	Income Tax Law and Practice	CO1: Understand the concept of Income Tax Act 1961 under various heads. CO2 : Understand the Deductions u/s 80 C to 80 U CO3: Understand the concept of Deduction of Tax at Sources and the computation of total Income and Tax Liability. CO4: Acquire skills related to procedure of filling return (online filling-ITR)
BBA (B&I)303	Practice of Life Insurance	CO1: Familiarization of students with the ability to apply the principles of Actuarial Planning and Control. CO2: Conceptual framework and importance of life and group health insurance. CO3:Identification of various claims settlement CO4: Understanding of various Insurance Products and their benefits.
BBA(B&I) 305	Human Resource Management	CO1: Understand the concepts and relevance of HRM vs Strategic HRM CO2:Understand the various dimensions of Human resource Planning CO3:Understand the needs, methods and designing of training and development programmes, career planning and career development, employee compensation CO4: Acquire skills to do employee performance appraisal and to understand the relevance of employee maintenance and Industrial Relations
BBA (B&I) 307	Marketing of Financial Products and Services	CO1: Familiarization of various types of Financial Products and services and their Marketing. CO2: Understanding of Conceptual framework and significance of Retail Banking CO3: Understanding of various mutual funds, Pension Funds, Pension Schemes CO4: Understanding of Bacassurance, Public relations

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

Paper Code	Paper Name	Subject Outcomes
		and Publicity, Globalization and its impact on Financial Services.
BBA (B&I) 309	E-Commerce	CO1: Evaluate strengths and weaknesses, solve problems and make recommendations in business and commercial practices. CO2:Explain technologies supporting e-commerce, including Web services and electronic payment systems CO3: Be able to evaluate problems posed by utilizing electronic commerce, including security, legal jurisdictions and effectiveness. CO4: Be able to evaluate applications of electronic commerce in organizations and analyze the barriers to successful implementation of these technologies.
BBA(B&I) 311	E-Commerce Lab	CO1: Students should be able to design and implement a basic website. CO2: Students should be able to implement static HTML web pages CO3: Students will develop an ability to use the form controls for developing web sites. CO4: students will be able to demonstrate basic animation using HTML.
BBA(B&I) 313	Summer Training Report	CO1: Acquire Analytical Skills CO2: Broaden the thinking horizon CO3: Helps in understanding business issues CO4 : Develop problem solving attitude CO5: Will get the firsthand experience in the corporate CO6: Understand the corporate culture

SIXTH SEMESTER

Paper Code	Paper Name	Subject Outcomes
BBA (B&I) 302	Project Management	CO1: Understand the concept of Project Management and Techniques to manage the projects CO2: Understand the project life cycle and to acquire skills to generate and screen the project ideas CO3: Acquire skills to do technical analysis and market Analysis. Understands the network techniques. CO4: Understand various sources of projects financing and to acquire skills to evaluate and control the projects.
BBA(B&I) 304	Practice of General Insurance	CO1: The students will be able to acquaint with the advanced subject knowledge and apply the principles of Actuarial Planning and Control

		required in the operation of the Life and general Insurance Business. CO2: Understand the different Non-life Insurance Products and to acquire the skills to deal with Physical and Moral Hazards loss prevention CO4: Understand General Insurance Business Act,1972 CO5: Understand the conceptual framework of life Insurance and various group health insurance and special purpose schemes
BBA(B&I) 306	Business Policy and Strategy	CO1: Understand the concept of Business Policy, its evolution and strategic management CO2: Acquire skills to do environmental analysis CO3: Acquire skills to make choice among various business strategies in different Business portfolio models CO4: Understand various major issues in the implementation of strategy
BBA(B&I) 308	Information System Management	CO1: The student would understand the classifications of MIS, understanding of functional MIS and the and the constituents of the MIS. CO2: Students will be benefited by knowing objectives & role of MIS in the industry, Role of MIS in Business Organizations. CO3: Importance of TPS (Transaction processing System), DSS (Decision Support System),EIS(Enterprises information System) and in identifying the major management challenges to building and using information systems in organizations. CO4: To mare the students understand the concept of Cost Benefit Analysis and SDLC along with its Impact on Organization
BBA (B&I) 310	Information System Management Lab	CO1: Lab will acquaint the students with the various aspects and components of Information Systems specially data bases. CO2: Students are required to design the Data bases using E-R Model and CO3: Students were provided information about SQL queries CO4: Students learn how to run SQL queries on DDL commands, DML commands and aggregate functions.
BBA (B&I) 312	Goods and Service Tax (GST)	CO1: Understands the concept of GST in India CO2: Acquire skills to Assess GST Tax CO3:Understands how to file returns and their due

		dates and also about offences and penalties CO4: Understands the role of GST Practitioner
BBA(B&I) 314	Project Report	CO1: Acquire Analytical Skills CO2: Broaden the thinking horizon CO3: Helps in understanding business issues CO4 : Develop problem solving attitude

PROGRAMME: BACHELOR OF BUSINESS ADMINISTRATION (BBA)

Program Outcomes

After the program the students will be able to:

PO1. Apply knowledge of various functional areas of business.

PO2. Develop communication and professional presentation skills.

PO3. Demonstrate critical thinking and Analytical skills for business decision making.

PO4. Illustrate leadership abilities to make effective and productive teams.

PO5. Explore the implications and understanding the process of starting a new venture.

PO6. Imbibe responsible citizenship towards sustainable society and ecological environment.

PO7. Appreciate inclusively towards diverse culture and imbibe universal values.

PO8. Foster creative thinking to find innovative solutions for diverse business situations.

Program Specific Outcomes:

After the program the students will be able to:

PSO1. Apply reflective thinking and research skills using latest technological tools.

PSO2. Assimilate technical functional knowledge of operations in business organization.

PSO3. Demonstrate strategic and proactive thinking towards business decision making.

PSO4. Illustrate negotiation skills and networking abilities.

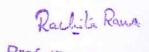## BACHELOR OF BUSINESS ADMINISTRATION PROGRAMME

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

(BBA PROGRAMME)

FIRST SEMESTER

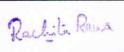| PAPER CODE	PAPER NAME	COURSE OUTCOMES
BBA 101	Management Process and Organization Behaviour	CO1:Understanding of the concepts of management and its evolution CO2:Understanding the relevance of the theories of Motivation CO3: Understanding the concept of Organization Behaviour and importance of understanding Individual Behaviour CO4: Understanding the concept and relevance of team and group behaviour.
BBA 103	Business Mathematics	CO1: Understanding and solve the problems of counting and research. CO2. Understanding the concept and solve the problems of Matrix Algebra CO3: Understand the concept and solve the problems of Differential calculus CO4 : Understand the concept and solve the problems of Integral calculus
BBA 105	Financial Accounting and Analysis	CO1: Understand the basic concepts of accounting and the relevance of GAAP and accounting standards CO2: Preparation of company final accounts with adjustments CO3: Understand the contemporary issue and challenges in accounting and the concept and the methods of depreciation CO4 : To acquire knowledge related to share capital and debentures
BBA 107	Business Economics	CO1: Understand the fundamental concepts of Business Economics CO2: Understand the relationship between consumer behavior and demand analysis CO3 : Understand and determine the pricing under various markets CO4: Acquire skills to deal with economics related business and research problems
BBA 109	IT Applications in Business	CO1: Explain the concepts of IT (Hardware, Software, Networking, Security, Web and applications) and the role of databases in IT applications CO2: Analyze the usage of IT product and services.

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PAPER CODE	PAPER NAME	SUBJECT OUTCOMES
		CO3: Use internet web services and resources for learning and discovery. CO4: Explore the usage of tools of MS Word and Advanced Excel to solve business problems.
BBA 111	IT Applications in Business-Lab	CO1: Explore the utility of applications provided by MS Office CO2: Proficiency in MS Advanced Excel and Powerpoint CO3: Effective and professional presentation and communication skills CO4: Use Tables and Charts from Excel to create interactive and animated presentations
BBA 113	Enterpreneurial Mindset	CO1: Exhibit entrepreneurial skills and abilities CO2: Imbibe Creativity and innovativeness to explore new ideas and prospects CO3: Explore the laws and government assistance available for new entrepreneurs. CO4: Explore ways to achieve entrepreneurial success

SECOND SEMESTER

PAPER CODE	PAPER NAME	SUBJECT OUTCOMES
BBA 102	Cost Accounting	CO1: To understand the basic cost objectives and scope of cost accounting in business CO2: Acquire skills to control material through various material controlling techniques CO3: Understand the remuneration systems and incentive schemes to deal with labour cost CO4 : Acquire skills to handle the overhead cost through overhead functional analysis
BBA 104	Decision Techniques for Business	CO1: Understand the basic concepts of Statistics and application of Correlation and Regression concepts in business and research problems. CO2 : Explore the use of linear programming in business problem solving CO3: Analyze transportation and assignment problems CO4: Evaluate alternatives before taking business decisions
BBA 106	Business Environment	CO1:Explore the Business Environment and its relevance and comprehend the structure of Indian Economy

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

		Strategic Planning for achieving Global Competitive Advantages.
BBA 308	Business Policy and Strategy	CO1: Understand the concept of Business Policy, its evolution and strategic management CO2: Acquire skills to do environmental analysis CO3: Acquire skills to make choice among various business strategies in different Business portfolio models CO4: Understand various major issues in the implementation of strategy
BBA 310	Sales and Distribution Management	CO1: The outcome of the subject is to familiarize the students about imparting the knowledge and skills to manage the Sales Force and Distribution functions in Business Organizations. CO2: To create a basic understanding of Sales Management and Distribution Channels. CO3: To prepare them for Sales Channel Design and Management. CO4: To provide the knowledge about the Training, Motivation and Compensation of Sales Force.
BBA 312	Project Report	CO1: Acquire Analytical Skills CO2: Broaden the thinking horizon CO3: Helps in understanding business issues CO4 : Develop problem solving attitude

Bachelor of Computer Applications

Programme Objectives:

It is envisioned that the graduates passing out BCA degree, will achieve the following objectives and will be able to

Programme Objectives (POs)	Description
PO1	Understand the fundamental concepts of Computers, Software hardware and peripheral devices and evolution of computer technologies.

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

PO2	Familiarized with Business environment and Information Technology and its Applications in different domains.
PO3	Gain knowledge to identify, explain and apply functional programming and object-oriented programming techniques and use of databases to develop computer programs.
PO4	Analyze, design, implement and evaluate computerized solutions to real life problems, using appropriate computing methods including web applications.
PO5	Understand the front end and backend of software applications.
PO6	Gain expertise in at least one emerging technology.
PO7	Acquire knowledge about computer networks, network devices and their configuration protocols, security concepts at various level etc.
PO8	Apply techniques of software validation and reliability analysis to the development of computer programs.
PO9	Acquire Technical, Communication and management Skills to convey or present information, applications, instructions, policies, procedures, decisions, documentations etc. verbally as well as in writing.
PO10	Recognize the various issues related to society, environment, health and vivid cultures and understand the responsibilities to contribute in providing the solutions.
PO11	Acquire technical skills to lead a productive life in the society as a professional or as an entrepreneur.

3. Programme Learning Outcomes:

The completion of the BCA Programme shall enable a student to:

i) To design, implement, and evaluate computer-based system, process, component, or program to meet desired needs by critical understanding, analysis and synthesis

ii) Identify applications of Computer Science in other fields in the real world

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4 Janakpuri, New Delhi-110058

to enhance the career prospects

iii) Realize the requirement of lifelong learning through continued education and research.

iv) Use the concepts of best practices and standards to develop user interactive and abstract application

v) Understand the professional, ethical, legal, security, social issues and responsibilities.

The detailed list of programme learning outcomes is as follows:

PLO	Attribute	Description
PLO1	Communication Skills	The student should be able to communicate the technical information both orally and in writing professionally.
PLO2	Use of Software Tools	Create, select, adapt and apply suitable tools and technologies to a wide range of computational activities.
PLO3	Technical Skills	Acquire necessary knowledge of technical, scientific as well as basic managerial and financial procedures to analyze and solve real world problems within their work domain
PLO4	Domain Awareness	Clarity on both conceptual and application oriented skills in commerce, Finance & Accounting and it Applications in Business context.
PLO5	Technical Support	Must be able to provide technical support for various software applications.
PLO6	Analysis and investigation of Complex Computing Problems	Ability to analyze research and investigate complex computing problems through design of experiments, analysis and interpretation of data and synthesis of the information to arrive at valid conclusions.

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Director
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PLO7	Design / Development of Solutions	Apply the knowledge gained in core courses to a broad range of advanced topics in computer science, to learn and develop sophisticated technical products independently.
PLO8	Imbibe Cyber Ethics	Awareness on ethics, values, sustainability and creativity aspects of technical solutions.

FIRST SEMESTER

Course Code: BCA 101   Course Name: Discrete Mathematics

LEARNING OBJECTIVES:

The objective of this course is to provide the learners with the following:

1. Knowledge about sets, relations and functions.

2. Make them familiar with basics of lattices and graphs.

3. Understanding of the concept of propositional logic.

4. Acquiring the insight of combinatorics and recurrence relations

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:-

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO 1	Understand the basics conceptual math and relations.	BTL2	PO1, PO2, PO3, PO4
CO 2	Understand and apply partial order and recurrence relation and their operations.	BTL3	PO1, PO2
CO 3	Compare and design, sorting and hashing techniques.	BTL4	PO1, PO2, PO3, PO4,PO5

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
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| CO 4 | Appraise and determine the correct logic and solutions for any given real world problem. | BTL5 | PO1, PO3, PO5 | PO2, PO4, |

Course Code: BCA103 Language

Course Name: Programming Using 'C'

LEARNING OBJECTIVES:

This course will provide the learners the following:-

1. Understanding of the syntax and the semantics of C programming language

2. Building of their logics for solving a given problem.

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:-

CO #	Detailed Statement of the CO	*BT Level	Mapping to PO #
CO1	Develop programming skills by learning the fundamentals of structured programming using C Language.	BTL2	PO1, PO2, PO3
CO2	Design and develop programs using arrays, storage classes, functions and to understand memory management through pointers	BTL3	PO1, PO2, PO3

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
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CO3	Critically analyze real world problems using structures, unions and develop applications for handling text and binary files.	BTL5	PO1, PO2, PO3, PO4, PO5
CO4	Explore the use of command line arguments, string manipulation and standard libraries.	BTL5	PO1, PO2, PO4,

Course Code: BCA 105 and IT

Course Name: Fundamentals of Computers

LEARNING OBJECTIVES:

The objectives of this course is to provide the learners:

1. Awareness of evolution of Computers, various types of computers its characteristics, usage, and limitations.

2. Identification of different categories of computers, their peripherals and memory. 3. Knowledge about operating system, their types, MS-Office various software. 4. Understanding of computer network fundamentals and various communication networks. 5. Overview of emerging technologies in IT i.e. AI and Machine Learning, IOT, Data Analytics etc.

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:-

CO #	Detailed Statement of the CO	*BT Level	Mapping to PO #

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

CO1	Describe computer with its characteristics, its usage, limitations and benefits, Computer Memories and its type, Software and its type	BTL2	PO1, PO2, PO3
CO2	Acquire knowledge about Number Systems, various computer languages and operating system DOS	BTL2	PO1, PO2, PO3
CO3	Attain skills in Application Software used for word processing, spreadsheet and presentation	BTL4	PO1
CO4	Understand network fundamentals and various communication network, Advance trends in IT	BTL3	PO1, PO2, PO3, PO4, PO5

Course Code: BCA 107
Technologies

Course Name: Web

LEARNING OBJECTIVES:

The objective of this course is to provide the learners the following:

1. Knowledge about the semantic structure of HTML, Javascript, CSS, XML and bootstrap.

2. Ability to compose forms and tables using HTML, Javascript, CSS and Bootstrap. 3. Expertise to design static web pages

4. Skills to create dynamic user interface and perform Client-Side validations

using JavaScript COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:-

CO #	Detailed Statement of the CO	*BT Level	Mapping to PO #

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
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CO1	Develop static web pages through HTML, JavaScript, CSS and Bootstrap.	BTL6	PO4, PO5
CO2	Implement different constructs and programming techniques provided by JavaScript.	BTL3	PO4, PO8
CO3	Adapt HTML, Javascript, CSS and Bootstrap syntax and semantics to build web pages.	BTL1, BTL2	PO4
CO4	Develop Client-Side Scripts using JavaScript to display the contents dynamically	BTL3, BTL6	PO4,PO5

Course Code: BCA 109

Communication

Course Name: Technical

LEARNING OBJECTIVES:

This course will provide the learners the following:

1. Understanding of the correct use of English Language.

2. The student will improve in oral as well as written communication skills.

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:-

CO #	Detailed Statement of the CO	*BT Level	Mapping to PO #

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Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

CO1	The student will become familiar with the basics of communication and its importance in the organizational world.	BTL1	PO9, PO11
CO2	To improve the business writing skills also will become well aware how to write effective resume to enter the global world.	BTL2 & 3	PO9, PO11
CO3	To improve the listening skills by knowing well how to negotiate and give effective presentations.	BTL5	PO9, PO11
CO 4	To make use of effective business language and give a professional look to oneself.	BTL6	PO9, PO11

Course Code: BCA 171
Lab

Course Name: Practical -1 'C' Prog.

LEARNING OBJECTIVES:

This course will provide the learners the following:-

1. Understanding of the syntax and the semantics of C programming language 2. Building of their logics for solving a given problem.

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Develop programming skills by learning the fundamentals of structured programming using C Language.	BTL3	PO1, PO2, PO3

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
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CO2	Design and develop programs using arrays, storage classes, functions and to understand memory management through pointers	BTL4	PO1, PO2, PO3
CO3	Critically analyze real world problems using structures, unions and develop applications for handling text and binary files.	BTL5	PO1, PO2, PO3,PO4, PO5
CO4	Explore the use of command line arguments, string manipulation and standard libraries.	BTL5	PO1, PO2, PO4,

Course Code: BCA 173

IT Lab

Course Name: Practical – II

LEARNING OBJECTIVES:

The objective of this course is to provide the learners :

1. Basic knowledge of computers Software and Hardware

2. Expertise in using DOS Commands.

3. Attain proficiency in using application software for Word Processing, Spreadsheet and Presentation.

PRE-REQUISITES: Nil

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Work with basic DOS Commands and Windows Explorer.	BT3	PO1, PO2

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Director
Maharaja Surajmal Institute
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CO2	Create Word Documents using advanced features of MS Word.	BT3	PO1,PO2
CO3	Create Worksheet using advanced features of MS Excel.	BT3	PO1,PO2
CO4	Create interactive Presentation using advanced features of MS Power-point.	BT3	PO1, PO2

Course Code: BCA 175
Web Tech Lab

Course Name: Practical-III

LEARNING OBJECTIVES:

In this course, the learners will be able to develop expertise related to:

1. Apply the Semantic Structure of HTML, javascript, CSS, bootstrap and XML 2. Design forms and tables using HTML, CSS and bootstrap.

3. Design Client-Side programs using JavaScript

4. Design and develop static Web page.

PRE-REQUISITES: None.

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Develop static web pages through HTML, CSS, JavaScript, bootstrap and XML.	BTL3	PO4, PO5
CO2	Implement different constructs and programming techniques provided by JavaScript.	BTL1,BTL3	PO4, PO8

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
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CO3	Adapt HTML, CSS, javascript, bootstrap and XML syntax and semantics to build web pages.	BTL1,BTL5	PO4
CO4	Develop Client-Side Scripts using JavaScript to display the contents dynamically	BTL3	PO4,PO5

Course Code: BCA 181+   Course Name: Bridge Course in

Mathematics

Aim: To build mathematical aptitude of the students for understanding the basic concepts of core courses of mathematics of the programme.

LEARNING OBJECTIVES:

The objectives of this course is to provide the learners

· The knowledge about the matrices, determinants and limits.

· Familiarity with basic concepts of differential and integral calculus.

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:-

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO 1	Understand the various approaches dealing the data using theory of matrices	BTL2	PO1, PO2, PO3, PO4
	Understand and apply the concepts of determinants	BTL3	PO1, PO2

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	Understand the concept of calculus such as limit, continuity and differentiability.	BTL4	PO1, PO2, PO3, PO4,PO5
	Appraise and determine the correct logic and solutions for any given real world problem using application of integration& integral calculus.	BTL5	PO1, PO2, PO3, PO4, PO5

Course Code: BCA 102   Course   Name: Applied
Mathematics

LEARNING OBJECTIVES:

The objectives of this course are to provide the learners with the following:

1. The Knowledge of mathematical probability

2. Understanding of various numerical techniques

3. Familiarity with the Linear Programming and it's applications

PRE-REQUISITES: Basic Concepts of Mathematics

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:-

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Understand the various approaches dealing the data using theory of Probability	BTL2	PO1, PO2, PO3, PO4
CO2	Understand various numerical techniques and apply them to solve real life problems	BTL3	PO1, PO2
CO3	Analyse and evaluate the accuracy of common Numerical Methods	BTL4,5	PO1, PO2, PO3, PO4,PO5

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Director
Maharaja Surajmal Institute
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	Develop a mathematical model for real life situation solving it Using Linear programming technique	BTL5	PO1, PO3, PO5	PO2, PO4,

Course Code: BCA 104
Programming

Course Name: Web Based

LEARNING OBJECTIVES:

The objectives of this course are to provide the learners expertise in the following:- 1. Understanding of the syntax and semantics of PHP language

2. Ability to design and develop web applications using PHP as a server side language. 3. Performing CRUD operations in the database

PRE-REQUISITES:

1. Basic knowledge of HTML, CSS and Javascript.

2. Skills to Design static Webpage.

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:-

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Design and develop dynamic web pages with good aesthetic sense of designing and latest technical know-how's.	BTL3, BTL4	PO1, PO2, PO3, PO7
CO2	Have a good understanding of Web Application Terminologies	BTL1, BTL2	PO1, PO2, PO3, PO7, PO10
CO3	Learn how to link and publish web sites	BTL1, BTL2	PO1, PO2, PO3, PO4

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Course Code: BCA 106   **Course Name: Data Structure and Algorithm Using C**

LEARNING OBJECTIVES:

In this course, the learners will be provided expertise in

1. Understanding of the basic concepts of data structures and their operations like, insertion, deletion, searching and sorting

2. Design algorithms and pseudo codes of various linear and non-linear data structures

PRE-REQUISITES:

1. C Programming Skills

2. Discrete Mathematics

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Familiarize the basics of data structures and algorithms.	BTL2	PO1, PO2, PO3, PO4
CO2	Understand and apply linear and nonlinear data structures and their operations.	BTL3	PO1, PO2, PO3, PO4, PO5
CO3	Compare and implement searching, sorting and hashing techniques.	BTL5	PO1, PO2, PO3, PO4,PO5
CO4	Appraise and determine the correct data structure for any given real world problem.	BTL5	PO1, PO2, PO3, PO4, PO5

Course Code: BCA 108   **Course Name: Database Management System**

LEARNING OBJECTIVES:

The paper aims to introduce the concept of Back end, data storage in computers, design of a DBMS, Queries to construct database, store and retrieve data from the database. The objective of this course is to provide the learners expertise in the following:

1. Understanding of the requirement of database management System for storing data and its

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

advantages over file management system.

2. Designing the database conceptually, physically and finally implementing the creation of database for any application.

3. Learning of queries in SQL for creating database and performing various operations for manipulating data in the database.

4. Knowledge of database utilities i.e. backup, recovery, transaction processing.

PREREQUISITE: Basic knowledge of data storage and file management system

COURSE OUTCOMES (COS):

After completion of this course, the learners will be able to: -

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Understand the DBMS concepts with detailed architecture, characteristics.Describe different database languages and environment and learn various data models, along with the related terminologies	BTL1	PO1, PO2, PO3, PO7
CO2	Explore Structure Query Language, a brief on NOSQL, Query By Example.Also understand the overview of SQL, and try to implement DDL, DML and DCL along with operators, use of joins, nested query, use of views and Indexes Discuss Integrity Constraints	BTL3	PO1, PO2, PO3, PO7
CO3	Describe Relational Data Model, explain Codd's Rules, Relational Algebra, Set theory operations and the concept of functional dependencies and normalization	BTL4	PO1, PO2, PO3, PO4
CO4	Acquire Knowledge about Transaction Processing, concurrency problems, and its controlling techniques, Database backup and recovery and security.	BTL2	PO2, PO3, PO4, PO7, PO8

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
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Course Code: BCA 110 L T C Course Name: Environmental Studies 2 0 2

LEARNING OBJECTIVES:

In this course, the learners will be able to develop expertise related to the following:

1. Development of critical thinking for shaping strategies (scientific, social, economic, administrative, and legal) for environmental protection, conservation of biodiversity, environmental equity, and sustainable development.

2. Acquisition of values and attitudes towards understanding complex environmental economic social challenges, and active participation in solving current environmental problems and preventing the future ones.

3. Encouraging adoption of sustainability as a practice in life, society, and industry.

PRE-REQUISITES: Basic awareness about the natural environment.

COURSE OUTCOMES (COs): After completion of this course, the learners will be able to:

CO#	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Gain in-depth knowledge on natural processes and resources that sustain life and govern economy.	BTL1,2	PO10
CO2	Understand the consequences of human actions on the web of life, global economy, and quality of human life.	BTL3	PO10
CO3	Develop critical thinking for shaping strategies (scientific, social, economic, administrative, and legal) for environmental protection, conservation of biodiversity, environmental equity, and sustainable development.	BTL3	PO10
CO4	Acquire values and attitudes towards understanding complex environmental economic-social challenges, and active participation in solving current environmental problems and preventing the future ones.	BTL4	PO10
CO5	Adopt sustainability as a practice in life, society, and industry.	BTL5	PO10

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
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Course Code: BCA 132 MOOC Course from Swayam/ NPTELCourse Code: BCA 134   Course
Name: Front End Design Tools VB.NET Lab

PRE-REQUISITES: Prior knowledge of programming language is beneficial but not mandatory.
COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Design Console application using basic programming concepts.	BT3	PO3, PO5
CO2	Design Windows application using control.	BT3	PO3,PO5
CO3	Understand and use of different Data Structures, Exception Handling	BT2	PO3,PO5
CO4	Learn basic concepts of OOPS. Design classes and interfaces.	BT2	PO3, PO5

Course Code: BCA 136   Course Name: Statistical Analysis using Excel

LEARNING OBJECTIVES:

In this course, the learners will be able to apply the concepts pertaining to the following:- 1. The
understanding of the basic concepts of statistics

2. Using Excel for applying the Statistical concepts in day to day operations

PRE-REQUISITES:

1. The student must be adequate knowledge of working in MS Excel

2. The student must be well versed in the basic concepts of Statistics

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:-

CO #	Detailed Statement of the CO	*BT Level	Mapping to PO #

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

CO1	Understand the basic concepts of statistics and its application in the real life scenarios	BTL2	PO1, PO2, PO3
CO2	Understand the means and mechanisms for applying the various skills used in the process of generating various statistical concepts by using MS Excel software	BTL3	PO1, PO2, PO3, PO5, PO8
CO3	Developing the skills needed for understand the various features of MS Excel software which assist the user in the process of deriving statistical measures	BTL3	PO1, PO2, PO3, PO4, PO5, PO7
CO4	Understand the skill needed to draw various forms of graphical representation based on statistical data	BTL4	PO2, PO3, PO4, PO6
CO5	Understand the various features of MS Excel involved in the process of compilation and summarizing of Statistical data and the skills needed to interpret the statistical data	BTL5	PO2, PO3, PO4, PO5, PO6, PO7, PO8

CO6	Understand the skills needed to ensure the process of integrating data from multiple in MS Excel	BTL6	PO2, PO3, PO5, PO6, PO7, PO8

Course Code: BCA 138   Course Name: Designing Lab Photoshop

LEARNING OBJECTIVES:

In this course, the learners will be able to develop expertise related to:

1. Knowledge of Tools in Photoshop.

2. Exporting images & pdf.

3. Uses of gif & digital enhancement in images.

PRE-REQUISITES:

COURSE OUTCOMES (COs):

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

After completion of this course, the learners will be able to:

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Explain the basics of graphics designing & Adobe suite	BTL1	PO6, PO11, PO14, PO20
CO2	Exploring the Raster designing tools in Adobe Photoshop.	BTL3 BTL5	PO1, PO2, PO3, PO4, PO5, PO8, PO11-PO20
CO3	Exploring the Vector designing tools in Adobe Photoshop.	BTL3 BTL5	PO6, PO7, PO9, PO13, PO11-PO20
CO4	Exploring the image filters & adjustments in Adobe Photoshop.	BTL3 BTL5	PO10, PO11-PO20

Course Code: BCA 172 Course Name: Practical-IV WBP Lab

LEARNING OBJECTIVES:

In this course, the learners will be able to develop expertise related to:

1. Understand the syntax and semantics of PHP language

2. Design and develop web applications using PHP as a server side language

3. Perform database connectivity using MYSQL as database server.

PRE-REQUISITES:

1. Knowledge of HTML, CSS, Javascript, bootstrap and XML.

2. Able to Design Static Website.

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
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CO1	Design and develop dynamic web pages with good aesthetic sense of designing and latest technical know-how's.	BTL3	PO1, PO2, PO3,PO7
CO2	Have a good understanding of Web Application Terminologies	BTL1, BTL2	PO1, PO2, PO3,PO7, PO10
CO3	Learn how to link and publish web sites	BTL1, BTL2	PO1, PO2, PO3,PO4

Course Code: BCA 174

Course Name: Practical-V DS Lab

LEARNING OBJECTIVES:

In this course, the learners will be able to develop expertise related to:

1. Implement various types of data structures using C

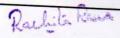2. Implement different operations on linear and non-linear data structures

PRE-REQUISITES:

C Programming Skills

COURSE OUTCOMES (COs):

After completion of this course, the learners will be able to:

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Implement basic operations on static linear data structures.	BTL3	PO1, PO2,PO3, PO4
CO2	Implement various operations on dynamic linear data structures.	BTL6	PO1, PO2,PO3, PO4,PO5
CO3	Implement basic operations on non-linear data structures	BTL3	PO1, PO2,PO3, PO4, PO5

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

CO4	Implement searching techniques on linear and non linear data structures.	BTL4	PO1, PO2,PO3, PO4
CO5	Implement sorting techniques on one dimensional array.	BTL4	PO1, PO2,PO3, PO4

Course Code: BCA 176   Course Name: Practical-VI DBMS Lab

LEARNING OBJECTIVES:

The course is to provide the basics of SQL. To understand RDBMS and construct queries using SQL to design a database and manipulate data in it.

PRE-REQUISITES: NIL

COURSE OUTCOMES:

After completion of this course, the learners will be able to:

CO #	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Understand the structure and design of relational databases.	BT2	PO3
CO2	Write DDL statements in SQL to create, Modify and remove database objects	BTL1, BTL3, BTL4	PO3, PO5
CO3	Use constraints for the database	BTL1, BTL2, BTL3	PO3,PO5
CO4	Write DML statements in SQL to insert, Modify and remove data from database	BTL4	PO3,PO5
CO5	Write SQL statements to retrieve data based on the conditions provided by the user	BTL1, BTL2,	PO3,PO5

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

		BTL3	
CO6	Use index and Views in database	BTL2	PO3,PO5
CO7	Use structured query language (SQL) to an intermediate/advanced level	BTL5, BTL6	PO4

PROGRAMME: BE.d

Course outcome of syllabus 2021 onwards Semester 1 , Aug -Dec 2021

BED101

1) Students will be able to discuss the concept of human growth and development in terms of principles and factors affecting growth and development.

2) Explain the different developmental domains in view of physical, cognitive and social theories of development.

3) Discover the similarities and diversities within childhood stage within the different social, educational, political and cultural context of India.

4) Analyse the role of various agencies in a child's overall development as well as the techniques used to cope up with stress.

BED 103

1) Student-teachers develop the understanding of the concept, meaning and aims of education and the interrelation of education and philosophy.

2) Reflect upon the thoughts of Indian and Western thinkers on education and explore the implications of the concepts involved in educational practices.

3) Promote reflective thinking among students.

4) Build up their capacity to be able to formulate their response to the concerns in education.

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
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5) Establish the interrelationship between meaning and function of education and philosophy.

6) Discuss the epistemological basis of education.

7) Analyse the philosophical perspective of various schools of thought viz Idealism, Realism, Naturalism, Pragmatism and Existentialism.

8) Analyse the educational thoughts of indian and western thinkers in contemporary education system

BED 105: Language Across the Curriculum

1) The students will be able to explain the meaning and concept of language and communication and describe the various perspectives of language development of a child especially in early ages.
2) Discuss the process of acquisition of four language skills and will be able to differentiate between language acquisition and language learning.
3) Understand language diversity and its relation with society and analyse it in the Indian context.
4) Understand the interdisciplinary nature of language.
5) Imbibe qualities and competencies to cater to a multilingual classroom

BED 107 Students will be able to

- understand the concept and meaning of Disciplines and Subjects

- explain the meaning of concept formation and the formation of misconception in child and adults

- critically appraise the learner-centred practices and notions associated with it

- acquainted with the skills of keeping records and assigning stream based on the attitudes, aptitudes and interests of Learners.

BED109 Students will be able to

1) identify the important recommendations and provisions of National Policy on ICT in school education.

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Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
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2) apply the understanding of different ICT based teaching- learning resources and approaches in classroom.

3) evaluate the different available tools and software's for documentation and communication.

4) recognize the scope of online teaching learning and various virtual communities and their educational implications

BED 111   Students will be able to

1. Understand the role of school as an organisation in terms of infrastructure, maintenance and budget allocation.
2. Identify different facets of school administration in building a positive organisational culture.
3. Recognize the similarities and differences between the ideas and program between the school management committee, parents and teachers association.
4. List the requirements of quality management in school to foster a stress free work environment.
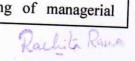
PROGRAMME:- B.COM

Overall Course Outcome of B.Com. (Hons.)

- Deep understanding of accounting issues associated with business.
- Understanding of general business functions impacting organization.
- Interpersonal and communication skills.
- Understanding ethical, social & sustainable business issues.
- Developing entrepreneurship acumen.
- Demonstrate ability to interpret and analyze financial statements.
- Understanding the rules and regulations laid down by accounting bodies.
- Demonstrate ability to understand compliance as per various enactments.
- Acquiring conceptual clarity of various functions and ability to analyze various functional issues.
- Demonstrating ability to evolve strategies for business.
- Demonstrate effectively oral and written communication.
- Demonstrate ability to work in groups. Exhibit skills like empathy, EQ, managerial & interpersonal skills.
- Demonstrate understanding of social cues and contexts in social interaction.
- Develop ethical practices and imbibe values for better Corporate Governance. Understand ethical challenges and choices during a business setting.
- Demonstrate understanding of sustainability related concerns in varied areas.

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
C-4, Janakpuri, New Delhi-110058

Subject Outcomes (for Odd Semester)

S. No.	Subject Name	Faculty Name	Subject Outcomes
1	Financial Accounting	Ms. Priyanka	• The objective of this subject is to give understanding of the basic accounting principles and techniques of preparing the accounts for users of accounting information. • To apply GAAP principle while recording financial transactions and preparing financial statements • To examine the accounting standards related to inventory and depreciation and to access their impact on business income. • To understand the implications of contemporary issues in accounting • To measure business income accurately after applying all relevant accounting standards. • To prepare all the financial statements necessary for a financial audit of a business.
3	Management Process and Organizational Behaviour	Dr. Anviti Rawat	After the completion of the course, students will be able to: • Evaluate the global context for taking managerial actions of planning, organizing and controlling. • Assess the global situation, including opportunities and threats that will impact management of an organization. • Integrate management principles into management practices. • Assess managerial practices and choices relative to ethical principles and standards. • Evaluate approaches to addressing issues of diversity. • Describe the work of major contributors to the field of history and modern management. • Explain how managers align the planning process with company mission, vision, and values. • Describe the key techniques for initiating and fostering cultural change. • Recognize factors related to effective and ineffective leadership and the varieties of leadership. • To have clear understanding of managerial

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
Maharaja Surajmal Institute
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			functions like planning, and have same basic knowledge on international aspect of management • Demonstrate the ability to directing ,leadership and communicate effectively To analyze isolated issues and formulate best control methods in management.
4	Business Communication	Dr. Anshu Lochab	• Assess the significance of effective communication in Business. • Use professional business vocabulary and understand methods to present business plans. • Develop proficiency in drafting official letters and documents. • Applying the process and techniques of writing immaculate reports and other documents. • Analyze the role of information technology as an enabler for business communication and documents.
5	Information Technology for Commerce	Mr. Ajay Phogat	• Upon the completion of this course, the students shall be able to explain the concepts of IT (Hardware, Software, Networking, Security, Web and applications). • Select and judge usage of IT products and services. • Use internet web services and resources for learning and discovery. • Know about the importance of MS Word & Advance Excel in the development of IT. • Understand the roles of databases in IT applications. • Students shall be able to explain the concepts of DBMS & its Structure. • Understand the role of databases and how to construct them for various environments.
6	Information Technology for Commerce (Lab Based)	Mr. Ajay Phogat	• Understanding Microsoft office with the help o assignments and examples. • Understanding MS excel platform and it advanced features by creating a case study containing all its features. • Efficiently able to develop effective powe

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			presentations. • Understand the role of databases and how to use them for various environments. • Understand the usage of SQL queries in MS Access.

Subject Outcomes (for Even Semester)

S. No.	Subject Name	Faculty Name	Subject Outcomes
1	Corporate Accounting	Ms. Chetna Grewal	The students would know to/ learn: • Make account for equity and debt capital of a company. • Prepare financial statements (Profit & Loss Account, Balance Sheet, etc.) and further analyze them; • Analyze revisions in the balance sheet after Internal Reconstruction of company; • Develop proficiency in the process of evaluation of annual reports of companies.
2	Business Laws	Dr. Preeti Malik	• To understand the basics of law and its history. • To understand the essentials of a valid contract and various modes of discharge of contract. • To know about types of companies, memorandum and articles of association. • To know about various laws regarding sale of goods and A sale contract with remedial measures.
3	Macro Economics	Dr. Nisha Bamel	• To give understanding of the basic concepts and issues in micro economics and evaluate the impact of different economics decisions • To analyze the relationship between production input, output and cost. • Implications of pricing decision under different market situation
4	Business Statistics	Ms. Pooja Dabas	To make students know or be able to: • Use statistical tools for decision making in organizations • Analyze data characteristics before applying statistical

Rachita Rana

Prof. (Dr.) Rachita Rana
Director
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C-4, Janakpuri, New Delhi-110058

				tools
				- Apply probability concepts to discrete and continuous random variables in a business decision context; - Examine relationships between the variables using correlation and regression analysis - Analyze macroeconomic data using index numbers - Decipher the trends in time series data and interpret it for business decisions.
5	Environmental Science and Sustainability	Dr. Preeti Malik		To make students understand: - Environmental science is an interdisciplinary academic field that integrates various academic fields (particularly sciences) to study the structure and function of our life-supporting environment and to understand causes, effects, and solutions of different environmental problems. - It deals with the study of flow of energy and materials in the environment - It deals with the study of nature and its function. - It deals with the exchange of various materials between the biotic and abiotic components of the environment.
6	Minor Project I	Ms. Chetna Grewal		To make students: - Apply all theoretical concepts learned in research methodology - Articulate a clear research objective with accurate scope and limitations of the study - Identify an appropriate sample size for a study - Choose the appropriate data collection tools for accurate, authentic and complete data collection - Study the data using techniques appropriate to the Research Design - Analyze data using parametric techniques and conduct analysis. - Draw conclusions based on the results from the analysis.

Rachita Rana

Prof. (Dr.) Rachita Rana
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