ST. FRANCIS COLLEGE
Koramangala
Affiliated to Bengaluru City University

DEPARTMENT OF COMMERCE

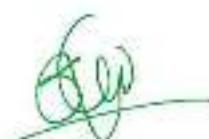# B.COM (Business Data Analytics)-NEP

PROGRAM OUTCOMES (POs)

PO 1: To develop the strong foundation of business analytical techniques and methods blended with commerce and computer related courses.

PO 2: By applying business analytical techniques which helps in problem solving and decision making for business concern.

PO 3: This program helps to explore wide knowledge in big data technologies and algorithms to give better inference for various business

PO 4: Hands on experience in different software helps to resolve complex business analytical problem.

PO 5: To identify and resolve practically relevant business analytic tools to handle data based on diversified commerce conjecture to build and sustain a competitive advantage by expanding analytics capabilities for successful career.

PRINCIPAL

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B.COM (Business Data Analytics)-NEP

COURSE OUTCOMES (COs)

I SEM B .COM (Business Data Analytics)

B.COM DA 1.1 FINANCIAL ACCOUNTING

CO 1: Understand the theoretical framework of accounting as well accounting standards

CO 2: Demonstrate the preparation of financial statement of manufacturing and non-manufacturing entities of sole proprietors.

CO 3: Exercise the accounting treatments for consignment transactions & events in the booksof consignor and consignee.

CO 4: Understand the accounting treatment for royalty transactions & articulate the Royaltyagreements.

CO 5: Demonstrate various accounting treatments for dependent and independent branches

B.COM DA 1.2 FUNDAMENTALS OF MS-EXCEL

CO1: Fundamentals of Excel helps Students to learn how to start working with MS EXCELright from basics to Tables.

CO 2: To understand the various templates and printing of their work.**CO 3:** The course aims to understand the most extensive tool used for many analysis in general and in Business Analytics in Particular, this module will equip students with hands-on skills on excel operations

B.COM DA 1.3 BUSINESS STATISTICS – 1

CO 1: Understand the basic concepts of statistics.

CO 2: Articulate and analyse the visualised data.

CO 3: Structure the data for further evaluation.

CO 4: Link the relevance of Index number

CO 5: Understands to build correlation of variables

SEC : DIGITAL FLUENCY

CO 1: Understand the digital platforms, for better learning and development.

CO 2: Evaluate and interpret information in the digital world.

CO 3: Build essential skills such as design thinking, effective communication and better decision making.

CO 4: Develop holistically by learning essential skills such as effective communication, problem-solving, design thinking, and teamwork.

OEC: ECONOMICS FOR BUSINESS ENVIRONMENT

CO 1: Explain the elements of Business Environment

CO 2: Identify the elements of Business Environment

CO 3: Analyze the ways to utilize the current environmental conditions to achieve higher business growth.

II SEM B .COM (Business Data Analytics)

B.COM DA 2.1 ADVANCED FINANCIAL ACCOUNTING

CO 1: Understand & compute the amount of claims for loss of stock & loss of Profit.

CO 2: Learn various methods of accounting for hire purchase transactions.

CO 3: Deal with the inter-departmental transfers and their accounting treatment.

CO 4: Demonstrate various accounting treatments for dependent & independent branches.

CO 5: Prepare financial statements from incomplete records

CO 6: Outline the emerging trends in the field of accounting

B.COM DA 2.2 BUSINESS STATISTICS – 2

CO 1: Analyze simple linear regression and interpreting the results

CO 2: Understand and demonstrate time series forecasting

techniques**CO 3:** Execute Probability and Theoretical distribution

theories.

CO 4: Construct hypothesis and summarize the results

CO 5: Formulate ANOVA model and interpret the results.

B.Com DA – 2.3 FUNDAMENTALS OF DATABASE

MANAGEMENTSYSTEMS AND SQL

CO 1: Understand Database Management Systems and the significance of DDL, DML inSQL Portion of RDBMS.

CO 2: Knowledge of Excel and SQL would equip students with hands-on skills on DBMSoperations with SQL.

CO 3: To understand DBMS structure and file management system in DBMS

CO 4: Understand the Concept of Operation and Management.

CO 5: Understand the application of SQL.

OEC: CONTEMPORARY INDIAN ECONOMY:

CO 1: Understand the current problems of Indian Economy

CO 2: Identify the factors contributing to the recent growth of the Indian economy

CO 3: Evaluate impact of LPG policies on economic growth in India

CO 4: Analyze the sector specific policies adopted for achieving the aspirational goals

CO 5: Review various economic policies adopted

SEC: ENVIRONMENTAL STUDIES

CO 1: Articulate the interconnected and interdisciplinary nature of environmental studies;

CO 2: Demonstrate an integrative approach to environmental issues with a focus on sustainability;

CO 3: Use critical thinking, problem-solving, and the methodological approaches of the

social sciences, natural sciences, and humanities in environmental problem solving;

CO 4: Communicate complex environmental information to both technical and non-technical audiences;

CO 5: Understand and evaluate the global scale of environmental problems; and

CO 6: Reflect critically on their roles, responsibilities, and identities as citizens, consumers and environmental actors in a complex, interconnected world

III SEM B .COM (Business Data Analytics)

B.COM DA DA 3.1 CORPORATE ACCOUNTING

CO 1: Understand the treatment of underwriting of corporate Securities.

CO 2: Comprehend the computation of profit prior to incorporationCO 3: Know the valuation of Goodwill.

CO 4: Know the valuation corporate Securities.

CO 5: Prepare the financial statements of companies as per the Companies Act 2013.

B.COM DA 3.2 MANAGEMENT PRINCIPLES AND APPLICATIONS

CO 1: Bring out the relevance of F W Taylor's view on management in today's knowledgeera.

CO 2: Design strategic plans for various organisations for the attainment of organisationalgoals.

CO 3: Differentiate between the different types of organisational structures and authority andidentify the best one for an MNC.

CO 4: Compare the different types of leadership styles.

CO 5: Identify a few control techniques for better productivity of an organisation.

B.Com. DA 3.3 ADVANCED EXCEL

CO 1: Work on different syntax for Business Decisions.

CO 2: Understand the various worksheets and their operations.

CO 3: Understand the formatting of tables.

CO 4: Understand the use of macros and VBA.

SEC: B.COM. DA 3.4 FINANCIAL EDUCATION & INVESTMENT AWARENESS

CO 1: To understand the basic concepts of finance, identify and classify simple compound interest and also describe the valuation of security.

CO 2: To remember the facts and basic essential concepts of investment avenues and to discuss stock market concepts

CO 3: Gain insights on mutual funds, the pros and cons and major fund houses in India.

B.COM. DA 3.5 AECC: CONSTITUTION OF INDIA

CO 1: Understand the philosophy of constitution and its structure.

CO 2: Measure the powers and functions of various offices under the constitution.

CO 3: Appreciate the role of the constitution in a democracy.

IV SEM B .COM (Business Data Analytics)

B.Com DA 4.1 HUMAN RESOURCE MANAGEMENT

CO 1: Ability to describe the role and responsibility of Human resources management functions on business

CO 2: Ability to describe HRP, Recruitment and Selection process

CO 3: Ability to describe to induction, training, and compensation aspects.

CO 4: Ability to explain performance appraisal and its process.

CO 5: Ability to demonstrate Employee Engagement and Psychological Contract.

B.Com. DA 4.2 PRINCIPLES OF MARKETING

CO 1: Understand the basic concepts of marketing and asses the marketing environment. CO 2: Discover the new product development & identify the factors affecting the price of aproduct in the present context.

CO 3: Judge the impact of promotional techniques on the customers & importance ofchannels of distribution.

CO 4: Outline the recent developments in the field of marketing.

CO 5: Analyze the consumer behaviour in the present scenario and marketing segmentation

B.Com. DA 4.3 DATA SCIENCE LIFE CYCLE

CO 1: Understand the Concept of Data Science and its Life Cycle.

CO 2: Prepare the Visualization of Data.

CO 3: Understand the concept of Hadoop and HDFS

CO 4: Understand the concept of Machine Learning and Algorithms.

CO 5: Understand the basics of NLP.

SEC: ARTIFICIAL INTELLIGENCE

CO 1: Understand the various characteristics of problem solving agents and apply problemsolving through search for AI applications.

CO 2: Appreciate the concepts of knowledge representation using Propositional logic and Predicate calculus and apply them for inference/reasoning.

CO 3: Obtain insights about Planning and handling uncertainty through probabilisticreasoning and fuzzy systems.

CO 4: Understand basics of computer vision and Natural Language Processing andunderstand their relevance in AI applications.

CO 5: Obtain insights about machine learning, neural networks, deep learning networks and their

significance

OEC: ECONOMICS OF HUMAN DEVELOPMENT

CO 1: Differentiate between Human Resource Development (HRD), Human

Development(HD) and HRM

CO 2: Understand the concepts of Human Security, describe dimensions of

humandevelopment.

CO 3: Appreciate various practices and policies of human development, HDI and India.