

**S. S. JAIN SUBODH P.G. COLLEGE, JAIPUR**  
*(An Autonomous Institution)*



**Value-Added Courses, Session 2023-2024**  
**Syllabus and Examination Scheme**

**DEPARTMENT OF ECONOMIC ADMINISTRATION AND FINANCIAL  
MANAGEMENT**

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MANAGEMENT**

**Examination & Marking Scheme for Value Added Courses, Session 2023-2024**

**Non-credit course**

<b>Total of End Sem. Exam -</b>	<b>50</b>
<b>Internal Assessment -</b>	<b>Nil</b>
<b>Maximum Marks -</b>	<b>50</b>
<b>Minimum Marks-</b>	<b>20</b>

**Examination Question Paper Pattern for Value Added Course**

<b>Objective/Multiple Choice/One word type questions</b>	<b>30 marks</b>
<b>Project work/Assignment/ Class test/ Practical/Field work/Project report etc.</b>	<b>20 marks</b>

**Total Time allowed in semester end examination: 2 hrs**

**COURSE TITLE: DATA ANALYTICS FOR FINANCIAL DECISION-MAKING**

**DEPARTMENT OF ECONOMIC ADMINISTRATION AND FINANCIAL  
MANAGEMENT**

**Time: 2 hrs.**

**End Sem. Exam: 50**

**Course Objectives**

- To enable students to understand the various types of financial data, such as balance sheets, income statements, and cash flow statements, and how they are used in financial decision-making.
- To provide knowledge and skills in building predictive models for financial forecasting and risk assessment, such as predicting stock prices, credit risk, or market trends.
- To enable students to use data analytics to assess and manage financial risks, including market risk, credit risk, and operational risk.

**Syllabus**

**Unit-I**

Introduction to Data Analytics in Finance, Overview of data analytics in financial decision-making, Importance of data-driven decisions in finance, Introduction to tools and software, Basic data manipulation and analysis, Sources of financial data (market data, company reports, etc.), Data collection techniques. (15 Hours)

**Unit-II**

Time series analysis for financial data, Correlation and regression analysis, Linear and logistic regression for financial forecasting, Time series forecasting (ARIMA, GARCH), Portfolio optimization techniques (15 Hours)

**Suggested Readings:**

- Data Analytics Using Excel<sup>®</sup> Microsoft<sup>®</sup> 365: With Accounting and Finance Datasets, Version 3.0 By Joseph M. Manzo
- Big Data, Big Analytics: Emerging Business Intelligence and Analytic Trends for Today's Businesses (Wiley CIO) 1st Edition, by Michael Minelli (Author), Michele Chambers (Author), Ambiga Dhiraj (Author) Format: Kindle Edition
- Big Data and Analytics, 2ed, by Seema Acharya (Author), Subhashini Chellappan (Author)

**Course Outcomes:**

- Students will be able to make more informed financial decisions by leveraging data and analytics.
  - The students will develop strong analytical skills that are valuable in various financial roles.
  - The students will be equipped to identify and manage financial risks effectively.
  - They will be able to optimize investment portfolios to achieve better returns.
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**COURSE TITLE: BASICS OF FINANCIAL LITERACY**

**DEPARTMENT OF ECONOMIC ADMINISTRATION AND FINANCIAL  
MANAGEMENT**

**Time: 2 hrs.**

**End Sem. Exam: 50**

**Course Objectives**

- To foster the professional growth of students, enabling them to take on more challenging roles and responsibilities within their organization or industry.
- To develop the necessary skills and knowledge among students to become financially literate.
- To make the Participants more efficient and productive in their financial work, leading to better outcomes and increased overall financial efficiency.

**Syllabus**

**Unit-I**

**Financial Literacy** : Introduction, Meaning and objectives, Need for Financial Literacy. Role of Financial Education in achieving Financial wellbeing, Advantages of Financial Literacy. Financial goals and Planning, Importance of Financial Planning. (15 Hours)

**Unit-II**

Key Concept of Personal Finance: Income, Expenditure, Borrowing, Saving, Investment opportunity and financial products, Inflation effects on investment, Time Value of Money, Management of spending and financial discipline. (15Hours)

**Suggested Readings:**

1. Prof (Dr.) Amit Kumar Singh, Financial Literacy, 10 Reprint, New Delhi ,Taxmann.
2. Hurlock, E.B (2006). Personality Development, 28th Reprint. New Delhi: Tata McGraw Hill.
3. Stephen P. Robbins and Timothy A. Judge (2014), Organizational Behavior 16th Edition: Prentice Hall.
4. Kothari and Mehta ,Financial Literacy to Financial Planning,Nexus Enterprise, New Delhi.
5. Nevar Theodore Malabre, Financial Literacy (understanding to basic financial investment) Noble Financial Investment Inc. Publication , New Delhi.

**Course Outcomes:**

1. The need for financial literacy is rapidly increasing among teenagers as it supports in inculcating the employability skills in the aspirants.
  2. Financial literacy enhances the proficiency of financial principles and concepts such as financial planning, compound interest, managing debt, profitable savings techniques and the time value of money.
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