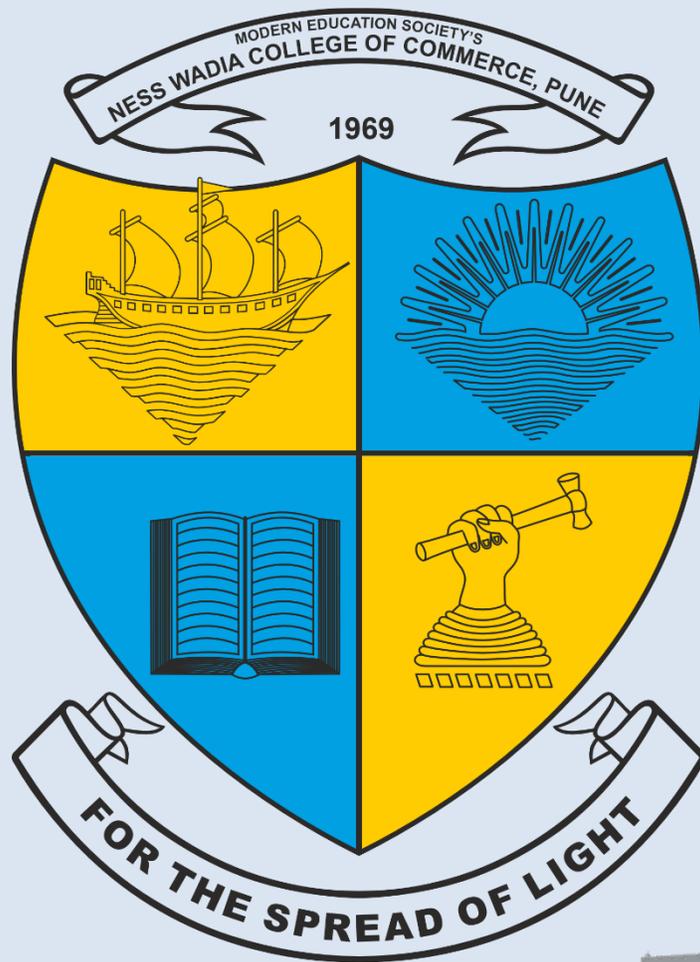


*Modern Education Society's*  
**NESS WADIA COLLEGE OF COMMERCE**

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# **Bachelor of Vocation (B.Voc.)**

## **(Banking, Finance and Insurance with Actuarial Studies)**

### **Programme Outcomes (POs):**

- 1) Understand and apply the knowledge of Banking and Finance.
- 2) Use knowledge and skills associated with problem solving, creative and critical thinking, reflection and decision making to function effectively in the future career.
- 3) Apply the concepts and skills necessary to achieve customer satisfaction.
- 4) Demonstrate leadership and teamwork to achieve common goals.
- 5) Conduct him/herself in a professional and ethical manner, and practice industry-defined work ethics.
- 6) Communicate effectively and confidently in the classroom, community and in profession.
- 7) Lead with the knowledge that the foundation of Banking and Financial services industry is based on the respect for the host culture with the responsibility to maintain the unique values, traditions, and practices of the places.
- 8) Use knowledge of best practices to further sustainability (economic, environmental, and cultural/social) in the industry.
- 9) Demonstrate ability to perform analytical, marketing and decision-making functions effectively.

### **Programme Specific Outcomes (PSOs):**

- 1) To provide adequate basic understanding about Banking, Financial Services & Insurance (BFSI) and specific skill sets among the candidates.
- 2) To train the candidates in communication skills effectively.
- 3) To prepare candidates with special labs in specific courses and with suitable training from Industry
- 4) To give candidates hands on training with projects to make them Industry ready.
- 5) To develop appropriate Vocational employability skills in the candidates so as to make them competent and get or provide themselves self-employment.

## Course Outcomes:

### FY B.Voc. 2019 Pattern Semester I

#### 1) Introduction to Banking & Insurance (BVBSFI 101)

- Acquainted the students with some theoretical concepts related to Banking.
- Developed an understanding about the practical and contemporary aspects related to Banking.
- Introduced students to the Fundamentals of Insurance.
- Inculcated knowledge about an Overview of Insurance Sector Institutions in India.

#### 2) Financial Systems (BVBSFI 102)

- Developed an understanding about the theoretical foundation of studies in banking, capital market and financial services.
- Created awareness of Indian financial system among students.
- Enabled students to understand the developments in the Indian financial System.
- Developed an insight into the functions and role of various constituents of the Indian financial system.

#### 3) Vocational Lab in Banking Correspondent (BVBFSI 103)

- Acquainted learners about the concept of bank and its role in financial eco-system.
- Acquainted learners with various regulatory systems governing banking sector
- Acquainted learners with process and documentation required for accounts opening and operations.
- Acquainted learners with digital and other banking solutions.

#### 4) Fundamentals of Accounting (BVBFSI 104)

- Familiarized and developed an understanding of the basic concepts and principles of accounting and fundamentals of Financial Accounting system

#### 5) Financial Mathematics – I (BVBFSI 105)

- Developed an understanding about the various cash flows under any financial instruments available in the market
- Enhanced their skills of computing and comparing investment returns under various financial products available in the market.
- Acquainted the annuity cash flows along with present value and accumulated value of cash flows.
- Familiarized with the concept of computation loan instalment amount along with the bifurcation of the instalment into capital and interest parts.
- Developed an understanding about the how to draw the personal financial plan for future goals such as higher education, marriage, house purchase, retirement etc using the techniques learnt in this course.

## **6) Basic Course in 'R' Programming (BVBFSI 106)**

- Acquire the basic knowledge of data processing software and environment R Studio.
- Acquiring basic programming skills in R programme.
- Acquiring and using basic skills of R programming for data analysis and data visualization.

## **7) Business English – I (BVBFSI - 107)**

- Familiarized with sounds, word stress and intonation patterns in English.
- Enhanced their business speaking skills.
- Polished their written business communication skills.
- Acquainted with the basic business vocabulary and grammar.

## **FY B.Voc. 2019 Pattern Semester II**

### **1) Micro Finance and Micro Insurance (BVBSFI 201)**

- Developed an understanding about the Microfinance Institutions (MFI) in global and Indian context.
- Inculcated understanding of conceptual aspects of Microfinance.
- Gained knowledge about practical aspects of Microfinance Operations.
- Acquainted the concept of micro insurance and various micro-insurance products offered by insurance companies.

- Developed an understanding about the various processes of micro-insurance products along with the distribution and marketing aspects of these products.
- Understood the current micro-insurance regulations in detail.
- Developed an understanding by becoming a micro-insurance agent or working in the micro-insurance department of insurance company thereby providing service to the poor, vulnerable and weaker strata of the society.

## **2) Mutual Funds (BVBSFI 202)**

- Gained working knowledge of mutual funds.
- Understood how the mutual fund industry has evolved in India.
- Developed an understanding about how individual financial planning is to be carried out and what its building blocks are.

## **3) Vocational Lab in Mutual Fund Agent (BVBSFI 203)**

- Developed an understanding about how to identify the potential customer for mutual fund products and service and can advise as to choosing right product to meet their financial objectives/goals.
- Understood the whole process of functioning of mutual fund market in India.
- Students capable assist in day-to-day mutual fund operations.
- Developed skills to conduct research on various performance parameters of mutual funds and prepare research reports.

## **4) Advanced Accountancy (BVBSFI 204)**

- Understood the meaning and significance of the conceptual framework for preparation and presentation of financial statements.
- Developed an understanding about the accounting process of banks and preparation of its financial statements.
- Gained knowledge about the accounting process of insurance companies and preparation of its financial statements.
- Understood Computerized accounting environment.

## 5) Financial Mathematics II (BVBSFI 205)

- Student capable to apply discounted cash flow techniques in evaluating various projects.
- Student understood the risk and investment characteristics of various types of asset classes.
- Students able to compute yields earned from various types of assets cash flows.
- Student able to learn and interpret technical formulae such as duration and convexity, which will help to manage the long-term nature of asset and liability profile in the organization.

## 6) Information Technology in Banking& Insurance (BVBSFI 206)

- Be able to understand the concept of E-Commerce and its applications in Banking and Insurance sector.
- Be able to understand the concept of E-Banking along with its advantages and limitations.
- Learn the MS-Office and will be able to apply it the field of Banking and Insurance.
- Be able make customers aware about use of IT in Banking and Insurance.

## 7) Business English II (BVBSFI 207)

- Students able to communicate over telephones in business contexts.
- Acquainted to participate in business meetings confidently.
- Well versed to handle business presentations.
- Gained information about how to use business vocabulary and collocations appropriately.

## SY B. Voc. 2019 Pattern Semester III

### 1) Retail Banking Operations (BVBSFI 301)

- Capable to identify the concept of retail and wholesale banking
- Inculcated an understanding about the retail banking products and its processes.
- The learners able to understand the various marketing strategies that go behind promoting retail banking products and services.
- The learners able to form an opinion on the various challenges in retail banking sector in India.

### 2) Personal Finance and Wealth Management (BVBSFI 302)

- Imparted an orientation to personal and household finances.
- Applied concepts and principles of financial management to individual/family finances.
- Introduced basic outline of wealth management to students.
- Inculcated healthy practices of recording expenses, making budgets, saving and wise investment of money etc. among students.

### **3) Vocational Lab in Retail Banking Operations and Personal Finance (BVBSFI 303)**

- Acquainted learners about the concept of bank and its role in financial eco-system.
- Acquainted learners with various retail products in bank
- Acquainted learners with the concept and elements of personal finance
- Acquainted learners with digital and other banking solutions helping retail banking and personal finance.

### **4) Direct Taxes and Direct Tax Laws (BVBSFI - 304)**

- Developed an understanding about the meaning and significance of the basic concepts of Income Tax Law, its components and meaning of important terms used in it.
- Gained knowledge about how the residential status of a person determines the income includible in his total income and consequently impacts his income tax liability
- Enhanced their knowledge about the different heads of income and understand the provisions under these heads of income.
- Examined how income tax is filed and paid.

### **5) Life Insurance Operations (BVBSFI 305)**

- Developed an understanding about the basics of life insurance.
- Inculcated knowledge about the business scope of life insurance.
- Understood the operational aspects of business of life insurance.

### **6) Business Statistics – I (BVBSFI 306)**

- Gained knowledge of various types of data, averages and other quantities used to analyse the data.

- Developed an understanding about the concept of probability and its applications to real life problems.
- Acquainted the various random variables apply the theory learned into different real-life scenario.

## 7) Actuarial Studies-I (BVBSFI 307)

- Developed an understanding about the different types of life assurance and annuity contracts and cashflows under these contracts.
- Evaluated means and variance of present value of payments under life assurance and annuity contracts. Students know the construction of life table and its use in evaluating the present value of cashflows under life assurance and annuity contracts.
- Students able to understand the concept of net premium, reserves, mortality profit. Also, student learned the reasons for keeping reserves by life insurance companies.
- Developed an understanding about the risk classification in life insurance and factors affecting variation in mortality & morbidity of population under consideration.
- Acquainted a grounding in the mathematical techniques which can be used to model and evaluate cashflows dependent on death, survival, or other uncertain risks.

## SY B.Voc. 2019 Pattern Semester IV

### 1) Micro, Small and Medium Enterprises-Development and Finance (BVBSFI 401)

- Developed an understanding about the meaning, nature and importance of Micro, Small and Medium Enterprises (MSMEs).
- Inculcated the regulatory framework of MSMEs in India.
- Gained knowledge about the operational procedural guidelines for establishment of MSMEs in India.
- Acquainted the institutional support and schemes available for promotion of MSMEs in India.

### 2) Financial Literacy for Financial Inclusion (BVBSFI 402)

- Concepts related to Financial Literacy, Financial Access and Financial Inclusion are clear.
- Developed an understanding about the phenomenon of Financial Exclusion and its Types.

- Strategies adopted by various financial institutions to promote Financial Literacy and Financial Education.
- Acquainted to Financial Counselling Skills required to promote Financial Literacy and Financial Education.
- Understood the scope of Financial Literacy as a vehicle for promoting Financial Inclusion.

### **3) Financial Inclusion Officer (BVBSFI 403)**

- Understood financial life cycle.
- Understood financial planning and prepare financial plan.
- Possess knowledge about how to guide and prepare tax planning report.
- Gained knowledge about how to guide and prepare financial planning for better retired life.
- Understood financial goal setting and provide guidance.

### **4) General Insurance (BVBSFI 404)**

- Developed an understanding about the need & importance of general insurance.
- Created awareness of different general insurance products.
- Acquainted the claims process and key documents associated with the general insurance transactions.

### **5) Basics of Goods and Service Tax (GST) (BVBSFI - 405)**

- Developed an understanding about the concept and framework of GST and the need for GST in India
- Acquainted with the concept of supply and its impact on the charge of GST.
- Identified the cases for compulsory registration and understand the computation of GST.
- Inculcated knowledge about the Import and Export of Goods and Services and its taxability in GST and comprehend the other procedural aspects of GST.

### **6) Business Statistics II (BVBSFI 406)**

- Enabled to understand different types of distribution.
- Enabled to define hypothesis.

- Enabled to test the hypothesis with different levels of significance.

## 7) Actuarial Studies-II (BVBSFI 407)

- Enabled to understand the concept of game theory and its wider application.
- Empowered to evaluate how to estimate claims using run off triangle.
- Enabled to understand Bayesian Statistics and its application.
- Empowered to understand loss distributions and its application.
- Developed an understanding about the concept of reinsurance and corresponding statistical distributions.
- Student able to generate random numbers using various simulation techniques.

## TY B.Voc. 2019 Pattern Semester V

### 1) International Trade Finance (BVBSFI 501)

- Learner understood the basics of export-import finance
- Gained basics of forex management.
- Developed an understanding about the documentation involved in international trade.

### 2) Machine Learning and R (BVBSFI 502)

- Understood the basics of Machine Learning and R Constructs.
- Applied Machine Learning techniques such as regression and classification.
- Implemented the Clustering techniques and improve the model performance.

### 3) Practical Course on Machine Learning and R (BVBSFI 503)

- Understood and appreciated why data science is important in today's business world.
- Developed an understanding about how data science can be applied in different scenarios across industry domains.
- Identified various data importing, manipulation techniques in R and perform exploratory data analysis.
- Recognized various machine-learning techniques such as supervised and unsupervised learning etc. across several use cases.

#### **4) Vocational Lab on International Trade Finance (BVBSFI 504)**

- Understood and analysed financial statements.
- Developed an understanding about the concept of Letter of Credit and its types.
- Acquainted documentation in International Trade.
- Imparted knowledge about the concept of Working Capital and its requirements in International Trade.
- Understood the concept of Foreign Exchange.

#### **5) Entrepreneurship Development (BVBSFI 505)**

- Understood the concept of Entrepreneurship.
- Identified and described the terms and concepts associated with Entrepreneurship Development.
- Acquainted the challenges before the businesses and setting up of a business enterprise.
- Developed the spirit of entrepreneurship.

#### **6) Introduction to International Financial Reporting Standards (BVBSFI 506)**

- Developed an understanding about the concept and framework of Accounting Standards in India
- Understood what is IFRS and how India has converged with it.
- Inculcated the applicability and relevance of Ind AS and IFRS in the Banking sector.
- Acquainted the applicability and relevance of Ind AS and IFRS in the Insurance sector.

#### **7) Business Communication and Public Relations (BVBSFI 507)**

- Acquainted students with rudiments of communication theory.
- Students understood the essentials of business communication.
- Developed a systematic understanding of the use of digital media of communication in business.
- Enabled students to appreciate the importance of PR in current times.
- Acquainted students to try their hands at different types of communication through practical assignments.

#### **8) Group and Retirement Benefit Schemes (BVBSFI 508)**

- Developed an understanding about the various retirement schemes available in the market.
- Acquainted to appreciate the difference between the defined benefit schemes and the defined contribution schemes.
- Enabled students to understand regulatory and taxation framework around retirement benefit schemes.
- Learned the concept of group life insurance and pricing of group insurance schemes.

## **TY B.Voc. 2019 Pattern Semester VI**

### **1) Credit Administration and Monitoring Manager (BVBSFI 601)**

- Developed an understanding about the principals of risk management.
- Gained knowledge about project assessment and evaluation.
- Acquainted the concept of capital structure in Indian banking system.
- Learned about credit risk assessment and monitoring in banking system.
- Developed an understanding about concept of NPA and its monitoring.

### **2) Introduction to Excel and Financial Modelling (BVBSFI 602)**

- Introduced concepts of excel and financial modelling to develop programming skills.
- Developed an understanding about the basic and advanced features of excel in the context of financial modeling applications.
- Enabled the students to construct spreadsheets for financial applications using financial functions.

### **3) Practical course on Excel and Financial Modelling (BVBSFI 603)**

- Developed an understanding about the concepts of excel and financial modelling to develop programming skills.
- Familiarized with the basic and advanced features of excel in the context of financial modelling applications.
- Hand on experience provided to the students to construct spreadsheets for financial applications using financial functions.

### **4) Credit Administration and Monitoring Manager (BVBSFI 604)**

- Developed an understanding about principals of risk management.
- Acquainted about project assessment and evaluation.
- Gained knowledge about capital structure in Indian banking system.
- Learned about credit risk assessment and monitoring.
- Understood the concept of NPA.

## **5) Principles and Practices of Auditing (BVBSFI 605)**

- Developed an understanding about the nature, extent and process of audit.
- Understood the concept and components of Audit Risk and review the system of Internal Control
- Gained basic understanding of important items in a bank's financial statements and its audit procedure
- Acquired the basic knowledge of Life and General Insurance audit.

## **6) Business Ethics and Corporate Governance (BVBSFI 606)**

- Acquired the basic knowledge of business ethics, corporate governance and their values
- Developed an understanding about the relevance of business ethics and corporate governance in modern context.

## **7) Business Economics (BVBSFI 607)**

- Developed an understanding about the basic concepts of Business Economics.
- Acquired the understanding about the market dynamics.
- Understood the importance of International Trade and the financial system.

## **8) Operations Research (BVBSFI 608)**

- Developed an understanding about the characteristics of different types of decision-making environments and the appropriate decision-making approaches and tools.
- Acquainted about how to use complex mathematical models in management science, industrial engineering and transportation science and in real life.
- Used simple models, like: CPM, PERT to improve decision –making, develop critical thinking and objective analysis of decision.

