

# **Gauhati University::NEP-2020::FYUGP::**

## **Multi Disciplinary Courses:**

Semester-1: MDC-1

Semester-2: MDC-2

Semester-3: MDC-3

## **Disciplines:**

1. Natural and Physical Sciences
2. Mathematical Sciences
3. Library, Information and Media Sciences
4. Commerce and Management
5. Humanities and Social Sciences
6. Information and Communication Technologies
7. Life Sciences
8. Earth Sciences

- Generic in nature-Content
- Three papers in the pipeline
- Credit: 3 each
- No practical Components

## **Discipline wise Paper Names::**

### **1. Natural and Physical Sciences**

MDC-1: Introduction to Natural and Physical Sciences

MDC-2: Natural and Physical Sciences in Everyday Life

MDC-3: Applications and Prospects of Natural and Physical Sciences

### **2. Mathematical Sciences**

MDC-1: Foundations of Mathematical Sciences- I

MDC-2: Foundations of Mathematical Sciences - II

MDC-3: Foundations of Mathematical Sciences - III

### **3. Library, Information and Media Sciences**

MDC-1: Foundations of Library and Information Science

MDC-2: Information Sources and Services

MDC-3: Fundamentals of Mass Media Studies

#### **4. Commerce and Management**

MDC-1: Basics of Commerce & Management

MDC-2: Personal Financial Management

MDC-3: Personal Income-tax Planning

#### **5. Humanities and Social Sciences**

MDC-1: Humanities & Social Sciences-I: Makers of Modern Assam

MDC-2: Humanities & Social Sciences- II: Democracy and Peoples' Rights

MDC-3: Humanities & Social Sciences- III: Understanding Globalization

#### **6. Information and Communication Technologies**

MDC-1: Information and Communication Technologies-I

MDC-2: Information and Communication Technologies-II

MDC-3: Information and Communication Technologies-III

#### **7. Life Sciences**

MDC-1: Basics in Life Sciences

MDC-2: Life Sciences and Environment

MDC-3: Bioresources and Traditional Knowledge

#### **8. Earth Sciences**

MDC-1: Understanding Physical Formations of the Earth

MDC-2: Understanding the Changing Environment

MDC-3: Land and People of Assam

## 4. Commerce and Management

### MDC-1: Basics of Commerce & Management

**Unit-1: Foundations of Business-** Business, Trade and Commerce; Forms of Business Organization; Private, Public and Global Enterprises; Business Services; Emerging modes of business, Social Responsibilities of Business. (15 hrs)

**Unit 2: Business Environment:** meaning and features, Importance of business environment; Dimensions of business environment – Economic environment, Social environment, Technological environment, Political environment and Legal environment ; Economic environment in India- Impact of Government Policy changes on business and industry. (15 hrs)

**Unit 3: Management** – Meaning and Significance of management, Principles of Management; Functions of Management- Production Management, Financial Management, Human Resource Management and marketing Management; Process of Management - Planning, Organizing, Staffing, Directing, Coordinating and Controlling. (15 hrs)

#### **Recommended Books:**

1. Business Organisation and Management by P.C. Tulsian , Pearson Education.
2. Business Environment by [V. C. Sinha & Ritika Sinha](#), SPBD Publishing House.
3. Business Environment by Amit Kumar, Sahitya Bhawan Publications.
4. Principles and Practice of Business Management by L M Prasad, Sultan Chand & Sons.

### MDC-2: Personal Financial Management

**Unit 1:** Basics of Personal Finance: Financial Goals – Short-term and long term, Income and Expenditure Planning, Life-time financial planning, Investment Goals, Return and Risk in Investment, Avenues of Investment – Investment in Physical Assets and Financial Assets, Fixed income investments, investment in New Issue Market and stock market, Investment in Insurance, annuities and Pension funds, Investment in Gold and Bullions, Investment in Real Assets. (15 hrs)

**Unit 2: Financial Markets and Instruments:** Money Market, Capital Market, Forex Market and Derivative Market; Money Market Instruments and features, Capital Markets and Features, New Issue Market and Stock Market; New Issue market- Issue Mechanism, Market Players, Understanding and Analyzing a Prospectus, Secondary Market – Equity and Debentures, BSE and NSE, Index and its uses; Basics of Insurance and Mutual Funds. (15 hrs.)

**Unit 3: Stock Market Investment:** Fundamental Analysis- Economic Analysis- Industry Analysis and Company Analysis; Technical Analysis – Tools of technical

analysis, Understanding various types of charts and patterns, Interpretation of charts and investment decisions. (15 hrs.)

**Recommended Books:**

1. The Investment Game: How to Win, Prasanna Chandara, tata McGrawHill.
2. Security Analysis and Portfolio Management, S. Kevin, Prentice Hall India.
3. Fundamentals of Insurance, Inderjit Singh, Rakesh Kayal, S kaur and S Arora, Kalyani Publishers.
4. Principles of Insurance, C Krishnaswamy, Excel Books.
5. Indian Financial System, Bharati Pathak, Pearson Education.

**MDC-3: Personal Income-tax Planning**

**Unit 1: Personal Tax Planning-** Meaning, Scope and importance, Different types of taxes- Direct Taxes and Indirect taxes, Direct Taxes- Income tax and Wealth Tax, Income-tax Act 1960 and its scope, Meaning of Income, Basis of Charge-Person, Assessment and Previous Year, Assessee, Framework for Calculating Personal Tax Liability- Different Heads of Income, Residential Status for the purpose of Income Tax, Method of Accounting Recognized under Income tax Act. (10 hrs.)

**Unit 2: Computation of Income:** Income under the Head 'Salaries' - Meaning and scope of Salary, Different forms of salary and taxability, Income under the 'Head House Property' - Tax Chargeability, Computation of Income from House property, Let out property and Self Occupied Property, Income under 'Capital Gains' - Basis of Charge, Computation of Short-term and Long-term Capital Gains, Income-tax under the Head 'Income from Other Sources'- Interest income, dividend, Clubbing of Income, Gross Total Income, Permissible Deductions- Sec 80C to 80U, Tax Liability. (20 hrs.)

**Unit 3: Tax Planning and Filing Returns:** Contribution to Recognised Provident Funds, Deemed Self Occupied Property, Reduction through Deductions- Health Insurance premium, Pay Rent and Save Tax, Tax-saving Investments, Medical Expenses of Senior Citizen Dependents, Deduction on Home Loan Interest and Principal Repayments, Old tax Regime and New Tax Regime, Senior Citizen Tax Payers, 26 AS and Annual Information System, Filing Returns in due time, Consequences of Not Filing Returns. (15 hrs.)

**Recommended Books:**

1. Students Guide to Income Tax by V. K. Singhania, Taxman.
2. Principles of Income Tax Law & Practice by Dr. Naveen Mittal, Cengage Learning India Pvt. Ltd.
3. Swamy Income Tax on Salaries by Muthuswamy, Brinda, Sanjeev, Swamy Publications.