



# Indra Ganesan

## COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

# NAAC DOCUMENTS

## QUALITY INDICATOR FRAME WORK

### CRITERION – 1

## CURRICULAR ASPECTS

SUBMITTED BY

# IQAC

INTERNAL QUALITY ASSURANCE CELL

## INDRA GANESAN COLLEGE OF ENGINEERING





|                   |                           |            |
|-------------------|---------------------------|------------|
| <b>Criteria 1</b> | <b>Curricular Aspects</b> | <b>100</b> |
|-------------------|---------------------------|------------|

## Curricular Planning and Implementation (20)

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

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**DEPARTMENT OF MANAGEMENT STUDIES**

**PREFACE OF THE COURSE FILE**

Batch : 2021-2023

Academic Year : 2022-2023 / ODD

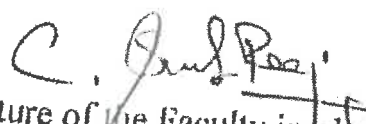
Program : MANAGEMENT STUDIES

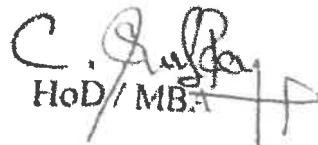
Year & Semester : 2<sup>nd</sup> Year / 3<sup>rd</sup> Semester


Course Code : BA4001  
NBA Course Code: C203

Name of the Course : Security Analysis and Portfolio Management

Faculty in-charge : Dr.C.Soundar Rajan Prof & HoD / MBA

  
Signature of the Faculty in-charge

  
HoD / MBA

  
Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal  
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**COURSE OBJECTIVES:**

Enables student to

- > Understand the nuances of stock market operations.
- > Understand the techniques involved in deciding upon purchase or sale of securities.

**UNIT I INVESTMENT SETTING**

Financial and economic meaning of Investment – Characteristics and objectives of Investment – Investment process -Types of Investment – Investment alternatives – Choice and Evaluation – Risk and return concepts - Valuation of bonds and stock. 9

**UNIT II FUNDAMENTAL ANALYSIS**

Economic Analysis – Economic forecasting and stock Investment Decisions – Forecasting techniques. Industry Analysis : Industry classification, Industry life cycle – Company Analysis Measuring Earnings – Forecasting Earnings – Applied Valuation Techniques – Graham and Dodds investor ratios. 9

**UNIT III TECHNICAL ANALYSIS**

Fundamental Analysis Vs Technical Analysis -- Dow theory – Charting methods - Chart Patterns Trend – Trend reversals – Market Indicators -Moving Average – Exponential moving Average Oscillators -RSI-ROC- MACD. 9  
Efficient Market theory - Forms of market efficiency -weak, semi-strong, strong form - Empirical tests of market efficiency -its application.

**UNIT IV PORTFOLIO CONSTRUCTION AND SELECTION**

Portfolio analysis - Reduction of portfolio risk through diversification – Portfolio risk - Portfolio Selection - Feasible set of portfolios - Efficient set - Markowitz model. - Single index model - Construction of optimum portfolio - Multi-index model. 9

**UNIT V**

Capital Asset Pricing model - Lending and borrowing - CML - SML - Pricing with CAPM - Arbitrage pricing theory- Portfolio Evaluation - Sharpe's index Treynor's index, Jensen's index – Mutual Funds – Portfolio Revision. 9

**COURSE OUTCOMES :**

**TOTAL :45 PERIODS**

1. Understand the concept of investment and identify the investment alternatives to investors
2. Learn the nuances of fundamental analyses and technical analyses
3. Analyse and evaluate the value of securities
4. Explain how to construct an efficient portfolio
5. Explore the various methods through which portfolio evaluation could be done

**REFERENCES :**

1. Donald E.Fischer& Ronald J.Jordan, Security Analysis & Portfolio Management, PHI Learning., New Delhi, 8<sup>th</sup> edition, 2011.
2. Prasannachandra, Investment analysis and Portfolio Management, Tata McGraw Hill, 2011.
3. Reilly & Brown, Investment Analysis and Portfolio Management, Cengage Learning, 9<sup>th</sup> edition, 2011.
4. S. Kevin , Securities Analysis and Portfolio Management , PHI Learning , 2012.
5. Punithavathy Pandian, Analysis & Portfolio Management, Vikas publishing house PVT LTD, second edition, 2013.
6. Bodí, Kane, Markus, Mohanty, Investments, 8<sup>th</sup> edition, Tata McGraw Hill, 2011.
7. V.A.Avadhan, Securities Analysis and Portfolio Management, Himalaya Publishing House, 2013.
8. V.K.Bhalla, Investment Management, S.Chand & Company Ltd., 2012

*C. Subramanian*  
HOD

*[Signature]*

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PRINCIPAL

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**DEPARTMENT OF MANAGEMENT STUDIES**

Lecture Schedule

Degree/Program: MBA

Course code & Name: BA4001-Security Analysis & Portfolio Management

Duration: Sep.2022 – Dec.2022

Semester: IV Section: B Faculty : Dr.C.Soundar Rajan

**OBJECTIVES:**

- Enables student to  
 (i) Understand the nuances of stock market operations  
 (ii) Understand the techniques involved in deciding upon purchase or sale of securities

**COURSE OUTCOMES:**

After the course, the student should be able to:

| CO     | Course Outcomes  | POs     | PSOs |
|--------|--|---------|------|
| C203.1 | Understand the concept of investment and identify the investment alternatives to investors | 1,2,3,4 | 1,2  |
| C203.2 | Learn the nuances of fundamental analyses and technical analyses                           | 1,2,3,4 | 1,2  |
| C203.3 | Analyze and evaluate the value of securities   | 1,2,3,4 | 1,2  |
| C203.4 | Explain how to construct an efficient portfolio  | 1,2,3,4 | 1,2  |
| C203.5 | Explore the various methods through which portfolio evaluation could be done               | 1,2,3,4 | 1,2  |
| C203.6 | Explain the schemes of Mutual funds  | 1,2,3,4 | 1,2  |

| S.No                                  | Date     | Period | Topics to be Covered                         | Book & Page. No.         |
|---------------------------------------|----------|--------|--|--------------------------|
| <b>UNIT - I - INVESTMENT SETTING</b>  |          |        |  |                          |
| 1                                     | 02/09/22 | 7      | Financial and economic meaning of Investment | Target periods :09       |
| 2                                     | 05/09/22 | 4      | Characteristics of Investment                | R3                       |
| 3                                     | 06/09/22 | 4      | Objectives of Investment                     | R3                       |
| 4                                     | 07/09/22 | 4      | Investment process                           | R3                       |
| 5                                     | 08/09/22 | 7      | Types of Investment                          | R3                       |
| 6                                     | 12/09/22 | 4      | Investment alternatives                      | R3                       |
| 7                                     | 12/09/22 | 4      | Risk concepts                                | R3                       |
| 8                                     | 15/09/22 | 4      | Return concepts                              | R3                       |
| 9                                     | 19/09/22 | 4      | Valuation of bonds and stock                 | R3                       |
| <b>UNIT II - FUNDAMENTAL ANALYSIS</b> |          |        |  |                          |
| 10                                    | 22/09/22 | 4      | Economic Analysis                            | Target periods :09<br>R3 |

  
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|   |          |   |  |                    |
|---|----------|---|--|--------------------|
| 11  | 27/09/22 | 4 | Economic forecasting and stock Investment Decisions        | R3                 |
| 12  | 29/09/22 | 1 | Forecasting techniques                                     | R3                 |
| 13  | 10/10/22 | 4 | Industry Analysis: Industry classification                 | R3                 |
| 14  | 12/10/22 | 1 | Industry life cycle  | R3                 |
| 15  | 15/10/22 | 7 | Company Analysis Measuring Earnings                        | R3                 |
| 16  | 19/10/22 | 1 | Forecasting Earnings                                       | R3                 |
| 17  | 28/10/22 | 4 | Applied Valuation Techniques                               | R3                 |
| 18  | 18/10/22 | 4 | Graham and Dodds investor ratios                           | R3                 |
| <b>UNIT III - TECHNICAL ANALYSIS</b>                  |          |   |  |                    |
| 19  | 31/10/22 | 1 | Dow theory - Charting methods                              | Target Periods :09 |
| 20  | 01/11/22 | 1 | Chart Patterns Trend - Trend reversals                     | R3                 |
| 21  | 02/11/22 | 1 | Moving Average.  | R3                 |
| 22  | 03/11/22 | 4 | Exponential moving Average.                                | R3                 |
| 23  | 04/11/22 | 7 | Oscillators -RSI   | R3                 |
| 24  | 07/11/22 | 4 | ROC - MACD   | R3                 |
| 25  | 09/11/22 | 4 | Efficient Market theory                                    | R3                 |
| 26  | 09/11/22 | 4 | Forms of market efficiency -weak, semi-strong, strong form | R3                 |
| 27  | 10/11/22 | 7 | Empirical tests of market efficiency -its application.     | R3                 |
| <b>UNIT IV - PORTFOLIO CONSTRUCTION AND SELECTION</b> |          |   |  |                    |
| 28  | 14/11/22 | 4 | Portfolio analysis   | Target Periods :09 |
| 29  | 15/11/22 | 4 | Reduction of portfolio risk through diversification        | R3                 |
| 30  | 14/11/22 | 4 | Portfolio risk   | R3                 |
| 31  | 17/11/22 | 4 | Portfolio Selection  | R3                 |
| 32  | 18/11/22 | 7 | Feasible set of portfolios                                 | R3                 |
| 33  | 21/11/22 | 4 | Efficient set - Markowitz model                            | R3                 |
| 34  | 28/11/22 | 4 | Single index model   | R3                 |
| 35  | 30/11/22 | 4 | Construction of optimum portfolio                          | R3                 |
| 36  | 02/12/22 | 7 | Multi-index model  | R3                 |
| <b>UNIT V - CAPM</b>                                  |          |   |  |                    |
| 37  | 05/12/22 | 4 | Capital Asset Pricing model                                | Target Periods:09  |
| 38  | 06/12/22 | 4 | Lending and borrowing                                      | R3                 |
| 39  | 07/12/22 | 4 | CML - SML  | R3                 |
| 40  | 08/12/22 | 4 | Pricing with CAPM  | R3                 |
| 41  | 12/12/22 | 4 | Arbitrage pricing theory- Portfolio Evaluation             | R3                 |
| 42  | 13/12/22 | 4 | Sharpe's index Treynor's index                             | R3                 |
| 43  | 14/12/22 | 4 | Jensen's index   | R3                 |
| 44  | 16/12/22 | 7 | Mutual Funds   | R3                 |
| 45  | 19/12/22 | 4 | Portfolio Revision   | R3                 |

  
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### Book Reference - Text Books

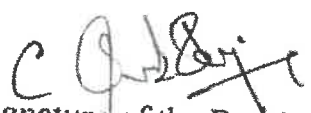
| Sl. | Title of the Book                            | Author                             | Publisher                | Year |
|-----|--|------------------------------------|--------------------------|------|
| 1.  | Security Analysis & Portfolio Management     | Donald E.Fischer & Ronald J.Jordan | PHILearning., New Delhi, | 2011 |
| 2.  | Investment analysis and Portfolio Management | Prasannachandra.                   | Tata McGraw Hill         | 2011 |
| 3   | Securities Analysis and Portfolio Management | S.Kevin                            | PHI Learning             | 2012 |

### Book Reference - References


| Sl | Title of the Book                            | Author               | Publisher                      | Year |
|----|--|----------------------|--------------------------------|------|
| 1. | Investment Analysis and Portfolio Management | Reilly & Brown       | Cengage Learning               | 2011 |
| 2. | Analysis & Portfolio Management              | Punithavathy Pandian | Vikas publishing house PVT LTD | 2013 |
| 3. | Securities Analysis and Portfolio Management | V.A.Avadhan          | Himalaya Publishing House      | 2013 |
| 4  | Investment Management                        | V.K.Bhalla           | S.Chand & Company Ltd...       | 2012 |

### Website Reference:

<https://old.amu.ac.in/emr/studvm/99993840.pdf>

  
Signature of the Faculty in-charge

  
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**DEPARTMENT OF MANAGEMENT STUDIES**

**Identification of Curricular Gap & Content Beyond Syllabus (CBS)**

Name of the Faculty : Dr.Soundarajan C  
 Course Code & Name: BA4001/Security Analysis and Portfolio Management  
 Degree & Program: MBA Semester & Section: III / A & B Academic Year: 2022 -2023 /ODD

**I. Mapping of Course Outcomes with POs & PSOs. ( before CBS)**

**Table.1 Mapping of COs, C, PSOs with POs - before CBS.**

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PSO1 | PSO2 |
|--------|-----|-----|-----|-----|-----|-----|------|------|
| C203.1 | 3   | 3   | 2   | 1   | 1   | -   | 2    | 2    |
| C203.2 | 3   | 3   | 2   | 1   | 1   | -   | 2    | 2    |
| C203.3 | 3   | 3   | 2   | 1   | 1   | -   | 2    | 2    |
| C203.4 | 3   | 3   | 2   | 1   | 1   | -   | 2    | 2    |
| C203.5 | 3   | 3   | 2   | 1   | 1   | -   | 2    | 2    |
| C203.6 | 3   | 3   | 2   | 1   | 1   | -   | 2    | 2    |

**II. Identification of content beyond syllabus.**

**Table.2 Identification of content beyond syllabus**

| Details of Content Beyond Syllabus(CBS) added | POs strengthened/<br>vacant filled | CO/Unit                    |
|---|------------------------------------|----------------------------|
| Stock Market                                  | PO6(2) Vacant<br>filled            | C203.1 & C203.2/<br>V & VI |

**III. Mapping of Course Outcomes with POs & PSOs. (After CBS)**

**Table.3 Mapping of COs, C, PSOs with POs- after CBS.**

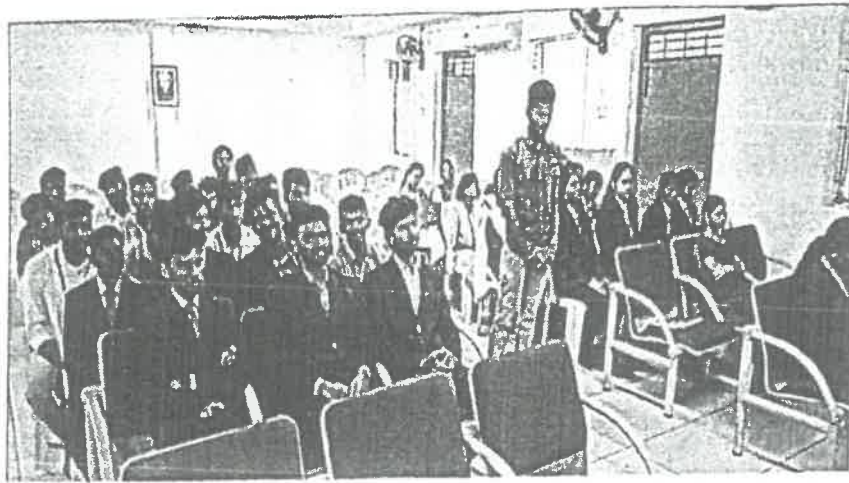
| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PSO1 | PSO2 |
|--------|-----|-----|-----|-----|-----|-----|------|------|
| C203.1 | 3   | 3   | 2   | 1   | 1   | -   | 2    | 2    |
| C203.2 | 3   | 3   | 2   | 1   | 1   | -   | 2    | 2    |
| C203.3 | 3   | 3   | 2   | 1   | 1   | -   | 2    | 2    |
| C203.4 | 3   | 3   | 2   | 1   | 1   | -   | 2    | 2    |
| C203.5 | 3   | 3   | 2   | 1   | 1   | *2  | 2    | 2    |
| C203.6 | 3   | 3   | 2   | 1   | 1   | *2  | 2    | 2    |

*C. Soundarajan*  
 Signature of the Faculty

*C. Soundarajan*  
 HoD/MBA

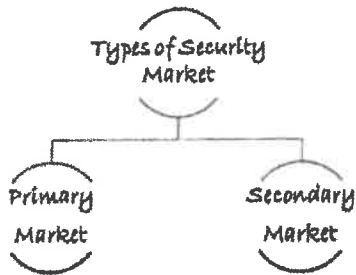
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### Types of Security Markets:-

• Security market is of two types:-



### Continue...

I. Primary market: This is the market place, for any company who wishes to go public from private and issues IPO (initial public offering)

- ✓ To raise fund,
- ✓ To fund their new project
- ✓ To raise additional funds for any ongoing projects.
- ✓ Such issues come to the market, individual buy directly from the issuing company.

### Continue...

II. Secondary market:

- ✓ This is the market where all the existing shares of different countries trade in the market. After passing through the primary market, shares come to the secondary market to trade.
- ✓ Here prices are determined on the basis of demand and supply and other factors industry specific and economy specific factors also affect the market.
- ✓ Secondary market is transparent, as trade only gets executed when the price of buy and sellers matches.
- ✓ Secondary market in India is regulated by SEBI (Securities board of India).

### Meaning of Security Market:-

- Security market is a small part of financial market where the securities can be brought & sold on the basis of their demand & supply.



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**DEPARTMENT OF MANAGEMENT STUDIES**

**Assignment Answer Sheet**

Name of the Student: **Balaguru J**  
 AU Register Number: **811221631007**

|                 |        |                |  |                     |           |
|-----------------|--------|----------------|--|---------------------|-----------|
| Assignment - 01 |        | Date of Issue: | 05.09.2022                                 | Marks               | 10        |
| Course code     | BA4001 | Course Title   | SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT |                     |           |
| Year            | II     | Semester       | III  | Date of Submission: | 6.09.2022 |

| Q.No | Questions   | CO     |
|------|---|--------|
| 1    | Discuss the various features and schemes available for Investors in Mutual funds. | C203.1 |
| 2    | Elucidate if there will be trade-off between risk & return in Investments?        | C203.1 |

**Mark Allocation**

| Rubrics              | Marks Allocated | Marks obtained |
|----------------------|-----------------|----------------|
| Content Quality      | 6               | 5              |
| Presentation Quality | 2               | 1              |
| Timely submission    | 2               | 2              |
| <b>Total marks</b>   | <b>10</b>       | <b>08</b>      |

*C. S. Rajan*  
 Name and Signature of the Faculty Incharge

[**Dr. C. Sourdax Rajan**]

*C. S. Rajan*  
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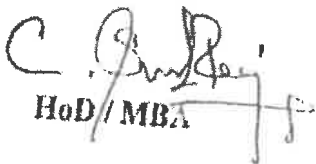
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## DEPARTMENT OF MANAGEMENT STUDIES

### II - MBA / INTERNAL ASSESSMENT TEST - I

| Date       | Session / Time      | Subjects Code / Name                                  |
|------------|---------------------|---|
| 19.10.2022 | AN / 11.00 to 12.30 | BA4301 - Strategic Management                         |
|            | AN / 02.00 to 03.30 | BA4302 - International Business                       |
| 20.10.2022 | AN / 11.00 to 12.30 | BA4015 - Strategic Human Resource Management          |
|            | AN / 02.00 to 03.30 | BA4016 - Industrial Relations and Labour Legislations |
| 21.10.2022 | AN / 11.00 to 12.30 | BA4001 - Security Analysis and Portfolio Management   |
|            | AN / 02.00 to 03.30 | BA4019 - Reward and Compensation Management           |
| 22.10.2022 | AN / 11.00 to 12.30 | BA4002 - Financial Markets                            |
|            | AN / 02.00 to 03.30 | BA4003 - Banking and Financial Services               |

  
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PRINCIPAL



**Internal Assessment Exam - I**  
**BA4001 - Security Analysis and Portfolio Management**  
**Answer Key**

**PART A**


(Answer all the Questions 10 x 2 = 20 Marks)

1. **Define Investment?**  
Investment defined as commitment of funds made in the expectation of some positive rate of return. If the investment is properly undertaken, the return will equal with the risk the investor assumes. - Fisher & Jordan
2. **Differentiate investor from speculator.**  
Speculation involves trading a financial instrument involving high risk, in expectation of significant returns. The motive is to take maximum advantage from fluctuations in the market. Description: Speculators are prevalent in the markets where price movements of securities are highly frequent and volatile.
3. **Define Risk**  
Investment risk can be defined as the probability or likelihood of occurrence of losses relative to the expected return on any particular investment. Stating simply, it is a measure of the level of uncertainty of achieving the returns as per the expectations of the investor. It is the extent of unexpected results to be realized.
4. **Interpret the objectives of Investment.**  
An investment is made because it serves some objective for an investor. Every investor invests with a specific objective in mind, and each investment has its own unique set of benefits and risks. There are three main objectives of investment: safety, growth and income.
5. **Give five characteristics of common stock.**  
Return, Risk, Safety and Liquidity
6. **Explain the concept of primary market?**  
The primary market is that part of the capital markets that deals with the issuance of new securities. Companies, governments or public sector institutions can obtain funding through the sale of a new stock or bond issue. This is typically done through a syndicate of securities dealers. The process of selling new issues to investors is called underwriting. In the case of a new stock issue, this sale is an initial public offering (IPO).
7. **How reverse book building works?**  
It refers to the process of generating, capturing, and recording investor demand for shares during an Initial Public Offering (IPO), or other securities during their issuance process, in order to support efficient price discovery. Usually, the issuer appoints a major investment bank to act as a major securities underwriter or book runner.
8. **Who is an underwriter or underwriting?**  
It is an agreement whereby the underwriter promises to subscribe to a specified number of shares or debentures or a specified amount of stock in the event of public not subscribing to the issue. If the issue is fully subscribed, then there is no liability for the underwriter. If a part of share issues remains unsold, the underwriter will buy the shares.
9. **Define OTCEI?**  
The OTC Exchange of India (OTCEI), also known as the Over-the-Counter Exchange of India, is based in Mumbai, Maharashtra. It is India's first exchange for small companies, as well as the first screen-based nationwide stock exchange in India.

**PART B**

(Answer all the Questions 3 x 14 = 42 Marks)

10. a) **What are the investor's objectives and Characteristics in investing his funds in the stock market?**  
**Characteristics of Investment**
  1. **Return:** All investments are characterized by the expectation of a return. In fact, investments are made with the primary objective of deriving a return. The return may be received in the form of yield plus capital appreciation.
  2. **Risk:** Risk is inherent in any investment. The risk may relate to loss of capital, delay in repayment of capital, nonpayment of interest, or variability of returns.
  3. **Safety:** The safety of an investment implies the certainty of return of capital without loss of money or time. Safety is another features which an investors desire for his investments
  4. **Liquidity:** An investment, which is easily saleable, or marketable without loss of money & without loss of time. Some investments like company deposits, bank deposits, P.O. deposits, NSC, NSS etc. are not marketable.**Objectives of Investment**
  1. **Safety:** While no investment option is completely safe, there are products that are preferred by investors who are risk averse. Some individuals invest with an objective of keeping their money safe, irrespective of the rate of return they receive on their capital.

  
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2. **Growth:** While safety is an important objective for many investors, a majority of them invests to receive capital gains, which means that they want the invested amount to grow. There are several options in the market that offer this benefit.
3. **Income:** Some individuals invest with the objective of generating a second source of income. Consequently, they invest in products that offer returns regularly like bank fixed deposits, corporate and government bonds, etc.
4. **Tax exemption:** Some people invest their money in various financial products solely for reducing their tax liability. Some products offer tax exemptions while many offer tax benefits on long-term profits.
5. **Liquidity:** Many investment options are not liquid. This means they cannot be sold and converted into cash instantly. However, some people prefer investing in options that can be used during emergencies.

b) Define Risk? Explain the various types of risks involved in investment?

#### DEFINITIONS OF INVESTMENT RISK

Investment risk can be defined as the probability or likelihood of occurrence of losses relative to the expected return on any particular investment. Stating simply, it is a measure of the level of uncertainty of achieving the returns as per the expectations of the investor. It is the extent of unexpected results to be realized.

#### ELEMENTS OF RISK

The total variability in returns of a security represents the total risk of that security. Systematic risk and unsystematic risk are the two components of total risk. Thus,

$$\text{Total risk} = \text{Systematic risk} + \text{Unsystematic risk}$$

#### Systematic Risk

These are risks associated with the economic, political, sociological and other macro level changes. They affect the entire market as a whole and cannot be controlled or eliminated merely by diversifying one's portfolio.

1. **Interest Rate Risk:** it is a type of systematic risk that particularly affects debt securities like bonds and debentures. A bond or debenture normally has a fixed coupon rate of interest.
2. **Market Risk:** it is a type of systematic risk that affects shares. Market prices of shares move up or down consistently for some time periods. A general rise in share price is referred to as a bullish trend, whereas a general fall in share prices is referred to as a bearish trend.
3. **Purchasing Power Risk:** it refers to the variation in investor returns caused by inflation. Inflation results lowering of the purchasing power of money. When an investor purchases a security, he foregoes the opportunity to buy some goods or services.

#### Unsystematic Risk

These are risks that are unique to a firm or industry. Factors such as management capability, consumer preferences, labour, etc. contribute to unsystematic risks. Unsystematic risks are controllable by nature and can be considerably reduced by sufficiently diversifying one's portfolio.

- > **Business Risk:** every company operates within a particular operating environment. This operating environment comprises both internal environment within the firm and external environment outside the firm.
- > **Financial Risk:** Financial risk is a function of financial leverage which is the use of debt in the capital structure. The fixed payments in the form of interest which is a compulsory payment to be made whether the company makes profit or loss.

11. a) Explain the various choices of Investment alternatives available for an Investor with moderate risk taking capabilities.

#### TYPES OF INVESTMENT

Following are the types of investment available in India:

##### 1. Stocks

Investments in equity markets or stocks provide avenue for wealth creation over a long period of time. It takes a great deal of research and prudence to understand the different types of investment opportunities and identify the right stocks to invest in.

##### 2. Certificate of Deposit

Among the many investment types in India, Certificate of Deposit is a money market instrument which is issued against the funds deposited by an investor. It is invested with the bank in a dematerialized form for a certain period of time.

##### 3. Bonds

Bonds are a type of debt investment that have gained popularity in India. Bond investors lend money to the issuer of the instrument. In the return, the bond issuer i.e. borrower pays interest to the investor at a pre-defined coupon rate till the maturity of the bond. Once the bond matures, the investor receives the original investment back.

##### 4. Real Estate

Investing in real estate involves purchasing residential or commercial properties to allow your capital to appreciate or to generate regular rental income. With such investment types, you get to enjoy a steady stream of income in the form of rent. Another option is to make real estate investments without actually purchasing the property.

##### 5. Fixed Deposits (FD)

Fixed Deposits, which are offered by banks and non-banking financial organisations (NBFCs), are an excellent option to grow your funds while maintaining the highest level of safety. Among the different types of investments in India, this remains a popular choice since it allows you to deposit a lump sum cash with your lender and choose a tenor that suits your needs.

  
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## 6. Mutual Funds

Mutual funds (MFs) invest in market-linked instruments such as stocks, bonds, or a mix of both equity and debt instruments. The different types of investors in India can choose between equity funds, debt funds, and balanced funds depending on your financial goals and requirements. Furthermore, you can also invest small amounts periodically in MFs using a Systematic Investment Plan (SIP).

## 7. Public Provident Fund (PPF)

Considered to be one of the safest option among the different types of investment in India, Public Provident Fund (PPF) is an instrument backed by the government. You can invest in PPF by opening an account with any bank or post office. While opening the account, the minimum investment amount is as low as Rs. 100 in some of the banks (can vary for every bank).

## 8. National Pension System (NPS)

The National Pension System (NPS) is another investment plan backed by the government of India. It falls under the types of investments in India that focuses on saving for the long term, making it the perfect addition to your retirement investment plan. NPS investments can be diversified across 4 key asset classes – Equities, Government Bonds, Corporate Bonds and alternative investment funds (AIFs).

## 9. Unit Linked Insurance Plans (ULIP)

Unit Linked Insurance Plans (ULIPs) are among types of investments in India that come with tax benefits as well. It is an instrument that offers you the advantage of investment combined with insurance. The premium you pay to remain invested is divided into two portions. One part goes towards providing you a protective life cover, while the other is invested in market-linked instruments or funds.

## 10. Senior Citizens' Savings Scheme

Senior Citizens' Savings Scheme (SCSS) is one of the types of investments backed by the Government of India. Indian residents over 60 years of age can open an SCSS account and invest in this scheme for a block of 5 years. Thereafter, the investment can be extended by another 3 years, if needed. You can deposit up to Rs. 15 lakh in your SCSS account in multiples of Rs. 1,000 only

### b) Discuss the steps involved in the process of Book Building?

It refers to the process of generating, capturing, and recording investor demand for shares during an Initial Public Offering (IPO), or other securities during their issuance process, in order to support efficient price discovery. Usually, the issuer appoints a major investment bank to act as a major securities underwriter or book runner.

When a company wants to raise money it plans on offering its stock to the public. This is typically takes place through either an IPO or an FPO (follow-on public offers). The book building process helps determine the value of the security. Once a company determines it wants to have an IPO, it will then contact a book runner or a lead manager. The book runner will determine the price range it is willing to sell the stock. The book runner will then send out the draft prospectus to potential investors. Generally, the issue stays open for five days. At the end of the five days, the book runner determines the demand of the stock for its given price range. Once the cost of the stock has been determined, then the issuing company can decide how to divide its stock at the determined price to its bidders.

### 12. a) Explains the difference between Investment, Gambling and Speculation?

#### Definitions for Investment

Investment may be defined as the purchase by an individual or institutional investor of a financial or real asset that produces a return proportional to the risk assumed over some future investment period.

– F. Amling

*Investment defined as commitment of funds made in the expectation of some positive rate of return. If the investment is properly undertaken, the return will equal with the risk the investor assumes.* – Fisher & Jordan

#### Financial Investment

Financial investment involves of funds in various assets, such as *stock, Bond, Real Estate, Mortgages* etc. Investment is the employment of funds with the aim of achieving additional income or growth in value. It involves the commitment of resources which have been saved or put away from current consumption in the hope some benefits will accrue in future.

#### Economic Investment

Economic investment means the net additions to the capital stock of the society which consists of goods and services that are used in the production of other goods and services. Addition to the capital stock means an increase in building, plants, equipment and inventories over the amount of goods and services that existed.

#### Speculation

Speculation involves trading a financial instrument involving high risk, in expectation of significant returns. The motive is to take maximum advantage from fluctuations in the market. Description: Speculators are prevalent in the markets where price movements of securities are highly frequent and volatile.

  
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b) Discuss about the types of participants present in the primary and secondary market,  
**NEW ISSUES MARKET**

The main function of a new issue market is to facilitate transfer of resources from savers to the users. The savers are individuals, commercial banks, insurance companies etc. The users are public limited companies and the government. It is not only a platform for raising finance to establish new enterprises but also for expansion/ diversification/ modernization of existing units.

The main functions of a new issue market can be divided into a triple service functions:

1. **Origination:** It refers to the work of investigation, analysis and processing of new project proposals. It starts before an issue is actually floated in the market. This function is done by merchant bankers who may be commercial banks, all India financial institutions or private firms. At present, financial institutions and private firms also perform this service. Though this service is highly important, the success of the issue depends, to a large extent, on the efficiency of the market.
2. **Underwriting:** It is an agreement whereby the underwriter promises to subscribe to a specified number of shares or debentures or a specified amount of stock in the event of public not subscribing to the issue. If the issue is fully subscribed, then there is no liability for the underwriter. If a part of share issues remains unsold, the underwriter will buy the shares. Thus, underwriting is a guarantee for marketability of shares. There are two types of underwriters in India - Institutional (LIC, UTI, IDBI, and ICICI) and Non-institutional are brokers.
3. **Distribution:** It is the function of sale of securities to ultimate investors. This service is performed by brokers and agents who maintain a regular and direct contact with the ultimate investors.

### **METHODS OF FLOATING NEW ISSUE**

The various methods which are used in the flotation of securities in the new issue market are:

1. Public issues
2. Offer for sale
3. Placement
4. Rights issues

1. **Public Issues:** Under this method, this issuing company directly offers to the general public / institutions a fixed number of shares at a stated price through a document called prospectus. This is the most common method followed by joint stock companies to raise capital through the issue of securities. The prospectus must state the following: Name of the company, Address of the registered office, Existing and proposed activities, Location of the industry, Names of Directors, Minimum subscription and Names of brokers/ underwriters/ bankers/ managers and registrars to the issue.

2. **Offer for Sale:** This method of offer of sale consists in outright sale of securities through the intermediary of Issue Houses or share-brokers. In other words, the shares are not offered to the public directly. This method consists of two stages: The first stage is a direct sale by the issuing company to the issue house and brokers at an agreed price. In the second stage, the intermediaries resell the above securities to the ultimate investors. The issue houses or stock brokers purchase the securities at a negotiated price and resell at a higher price. The difference in the purchase and sale price is called spread. It is otherwise called Bought out deals (BOD).

3. **Private Placement:** Under this method, the issue houses or brokers buy the securities outright with the intention of placing them with their clients afterwards. Here the brokers act as almost wholesalers selling them in retail to the public. The brokers would make profit in the process of reselling to the public.

4. **Rights Issue:** It is a method of raising funds in the market by an existing company. A right means an option to buy certain securities at a certain privileged price within a certain specified period. Shares, so offered to the existing shareholders are called rights shares. Rights shares are offered to the existing shareholders in a particular proportion to their existing share ownership. The ratio in which the new shares or debentures are offered to the existing share capital would depend upon the requirement of capital.

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# INDRA GANESAN COLLEGE OF ENGINEERING

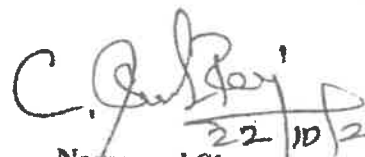
IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu - 622 012, India

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)


## Internal Assessment Test Answer Book

|   |   |                                |  |                |                          |
|---|---|--------------------------------|--|----------------|--------------------------|
| Name  | Thulasmani. M                             |                                |  | Year/ Semester | II / III                 |
| Batch No.                                       | 611221631053                              | Date/Session                   | 21.10.22 / IV  | Department     | MBA                      |
| Course code                                     | BA 4001                                   | Course Title                   | Security Analysis & Portfolio Management   |                |                          |
| Internal Assessment Test                        | IAT 1 <input checked="" type="checkbox"/> | IAT 2 <input type="checkbox"/> | IAT 3 <input type="checkbox"/>   | Model          | <input type="checkbox"/> |
| Name and Signature of the Invigilator with date |   |                                | <br>21/10/22 |                |                          |

Instruction to the Student: Put tick mark to the question attended in the column against question.

| Part A |   |       | Part B / Part C |   |       |       | Total Marks  |
|--------|---|-------|-----------------|---|-------|-------|--|
| Q. No. | ✓ | Marks | Q. NO.          | ✓ | a     | b     |  |
|        |   |       |                 |   | Marks | Marks |  |
| 1      |   | 1     | 11              |   |       | 7     | 7  |
| 2      |   | 2     | 12              |   | 6     |       | 6  |
| 3      |   | 1     | 13              |   |       | 7     | 7  |
| 4      |   | 2     | 14              |   |       |       |  |
| 5      |   | 1     | 15              |   |       |       |  |
| 6      |   | 2     | 16              |   |       |       |  |
| 7      |   | 2     | Total           |   |       |       | 20   |
| 8      |   | 1     | 33              |   |       |       | <br>22/10/22<br>Name and Signature of the Examiner with date |
| 9      |   | 1     |                 |   |       |       |  |
| 10     |   |       |                 |   |       |       |  |
| Total  |   | 13    | Grand Total     |   |       |       |  |

To be filled by the examiner

| Course Outcomes      | 1  | 2  | 3 | 4 | 5 | 6 | Total  |
|----------------------|----|----|---|---|---|---|--|
| Marks allotted       | 38 | 22 |   |   |   |   | 60   |
| Marks Obtained       | 20 | 13 |   |   |   |   | 33   |
| IQAC Audit - Remarks |    |    |   |   |   |   | <br>Name and Signature of the IQAC member |
| TRY TO SCORE HIGH.   |    |    |   |   |   |   |  |

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INDRA GANESAN COLLEGE OF ENGINEERING  
IG VALLEY, MANIDANDAM, TIRUCHIRAPPALLI - 620012  
DEPARTMENT OF MANAGEMENT STUDIES 2022 - 2023 (ODD SEMESTER)  
STUDENTS MARK STATEMENT- CO BASED

INTERNAL ASSESSMENT-I

SUBJECT CODE & TITLE: BA4001 & Security Analysis and Portfolio Management

YEAR/SEM: II/II

MONTH & YEAR: Oct.. & 2022

| S.NO | REG NO       | STUDENT NAME     | CO203.1<br>(IA1) | CO203.2<br>(IA1) | TOTAL<br>(60) | TOTAL<br>(100) |
|------|--------------|------------------|------------------|------------------|---------------|----------------|
| 1.   | 811221631002 | Abitha A         | 30               | 10               | 40            | 67             |
| 2.   | 811221631003 | Albert S         | 23               | 14               | 47            | 78             |
| 3.   | 811221631005 | Arun AK          | 25               | 18               | 43            | 72             |
| 4.   | 811221631006 | Arun N           | 12               | 15               | 27            | 45             |
| 5.   | 811221631007 | Balaguru J       | 24               | 16               | 40            | 67             |
| 6.   | 811221631008 | Dhinesh A        | 21               | 19               | 40            | 67             |
| 7.   | 811221631009 | Dhivya A         | 28               | 18               | 46            | 77             |
| 8.   | 811221631010 | Ebinesar Paul A  | 22               | 15               | 37            | 62             |
| 9.   | 811221631012 | Ganesan M        | 30               | 20               | 50            | 83             |
| 10.  | 811221631013 | Gayathri K       | 18               | 10               | 28            | 47             |
| 11.  | 811221631016 | Jeevitha R       | 25               | 14               | 39            | 65             |
| 12.  | 811221631017 | Kaviya R         | 24               | 20               | 44            | 73             |
| 13.  | 811221631019 | Kishorekumar M   | 30               | 16               | 46            | 77             |
| 14.  | 811221631020 | Lavanya M        | 29               | 17               | 46            | 77             |
| 15.  | 811221631021 | Loganathan P     | 27               | 18               | 45            | 75             |
| 16.  | 811221631023 | Mohammad Riyas U | AB               | AB               | AB            | AB             |
| 17.  | 811221631024 | Mohanasundaram K | 20               | 17               | 37            | 62             |
| 18.  | 811221631026 | Mukesh Kannan K  | 17               | 10               | 27            | 45             |
| 19.  | 811221631027 | Nantha Kumar S   | 22               | 18               | 40            | 67             |
| 20.  | 811221631028 | Nirmala M        | 33               | 21               | 54            | 90             |
| 21.  | 811221631029 | Pavithran P      | 31               | 20               | 51            | 85             |
| 22.  | 811221631030 | Prasanth R       | 30               | 20               | 50            | 83             |
| 23.  | 811221631031 | Prathiusha R     | 17               | 11               | 28            | 47             |
| 24.  | 811221631032 | Rajendar S       | 24               | 18               | 42            | 70             |

  
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|     |              |                      |    |    |    |    |
|-----|--------------|----------------------|----|----|----|----|
| 25. | 811221631034 | Ramya S              | 25 | 20 | 45 | 75 |
| 26. | 811221631035 | Rubin Bharathi B     | 30 | 19 | 49 | 82 |
| 27. | 811221631036 | Rubini P             | 25 | 17 | 42 | 70 |
| 28. | 811221631037 | Sakthivel T          | 18 | 10 | 28 | 47 |
| 29. | 811221631038 | Sandhiya S           | 29 | 15 | 44 | 73 |
| 30. | 811221631040 | Sangili andavan N    | AB | AB | AB | AB |
| 31. | 811221631042 | Santhoshalanraj A    | 18 | 9  | 27 | 45 |
| 32. | 811221631043 | Saran L              | 34 | 21 | 55 | 92 |
| 33. | 811221631044 | Saratha C            | 25 | 18 | 43 | 72 |
| 34. | 811221631046 | Sharmila KV          | 31 | 20 | 51 | 85 |
| 35. | 811221631047 | Sheela rani N        | 35 | 21 | 56 | 93 |
| 36. | 811221631048 | Sivaparamaleshwari B | 30 | 19 | 49 | 82 |
| 37. | 811221631051 | Subash P             | 24 | 15 | 39 | 65 |
| 38. | 811221631053 | Thulasimani M        | 32 | 14 | 46 | 77 |
| 39. | 811221631054 | Vasanth G            | 28 | 18 | 41 | 68 |
| 40. | 811221631055 | Vasanthapriya S      | 30 | 16 | 46 | 77 |
| 41. | 811221631056 | Vigneswari G         | 29 | 18 | 47 | 78 |
| 42. | 811221631057 | Vijayalakshmi M      | 30 | 21 | 51 | 85 |
| 43. | 811221631058 | Vijaya Sasthirirai K | 28 | 14 | 42 | 70 |

**MARKS RANGE:**

| <20 | 20-30 | 31-40 | 41-50 | 51-60 | 61-70 | 71-80 | 81-90 | 91-100 |
|-----|-------|-------|-------|-------|-------|-------|-------|--------|
| -   | -     | -     | 6     | -     | 12    | 13    | 8     | 2      |

|                                |     |
|--------------------------------|-----|
| Total No.of Candidates Present | 41  |
| Total No.of Candidates Absent  | 2   |
| Total No.of Students Pass      | 35  |
| Total No. of Students Fail     | 6   |
| Percentage of Pass             | 81% |

*C. Suresh Babu*  
STAFF INCHARGE

*C. Suresh Babu*  
HoD/MBA

*V. Srinivas*  
PRINCIPAL

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Principal

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# INDRA GANESAN COLLEGE OF ENGINEERING

IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu - 620 012, India

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

## DEPARTMENT OF MANAGEMENT STUDIES

### ROOT CAUSE ANALYSIS

Name of the Faculty : Dr. C. Soundarajan  
 Degree & Program : MBA  
 IA Test : IA1  
 Target : 95 %

Course Code & Name : BA4001 - Security Analysis & Portfolio Management  
 Semester : III  
 Exam/Month & Year : 21.10.22  
 Achieved : 85 %

| S.NO | BATCH NO     | NAME OF THE STUDENT | CAUSES FOR FAILURE   | CORRECTIVE ACTION TAKEN | PREVENTIVE ACTION TAKEN |
|------|--------------|---------------------|----------------------|-------------------------|-------------------------|
| 1.   | 811221621006 | Amritha.N           | Irregular Attendance | Inform to Parents       | Special coaching        |
| 2.   | 811221621013 | Gayathri.K          | Health Issue         | Selected questions      | Special coaching        |
| 3.   | 811221621026 | Mukeshkannan.K      | Irregular attendance | Inform to Parents       | Special coaching        |
| 4.   | 811221621021 | Prathivisha.R       | Slowness learners    | Selected questions      | Special coaching        |
| 5.   | 811221621037 | Sakthivel.T         | Irregular Attendance | Inform to Parents       | Special coaching        |
| 6.   | 811221621042 | Saatheshkannan.R    | Slow learners        | Selected questions      | Special coaching        |
| 7.   |              |                     |                      |                         |                         |
| 8.   |              |                     |                      |                         |                         |
| 9.   |              |                     |                      |                         |                         |
| 10.  |              |                     |                      |                         |                         |

Signature of the Faculty Member



Signature of the HoD/MBA

**Dr. G. Balakrishnan, M.E., Ph.D.,**  
 Principal  
 Indra Ganesan College of Engineering  
 IG Valley, Madurai Main Road  
 Manikandam, Trichy-620 012.



# Indra Ganesan

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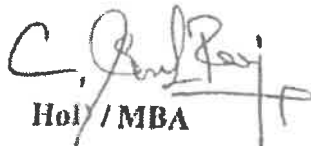
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Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
NAAC Accredited, 3(F) Status Institution by UGC



DEPARTMENT OF MANAGEMENT STUDIES

II - MBA / INTERNAL ASSESSMENT RETEST - I

| Date       | Session / Time      | Subjects Code / Name                                  |
|------------|---------------------|---|
| 25.10.2022 | AN / 11.00 to 12.30 | BA4301 - Strategic Management                         |
|            | AN / 02.00 to 03.30 | BA4302 - International Business                       |
| 26.10.2022 | AN / 11.00 to 12.30 | BA4015 - Strategic Human Resource Management          |
|            | AN / 02.00 to 03.30 | BA4016 - Industrial Relations and Labour Legislations |
| 27.10.2022 | AN / 11.00 to 12.30 | BA4001 - Security Analysis and Portfolio Management   |
|            | AN / 02.00 to 03.30 | BA4019 - Reward and Compensation Management           |
| 28.10.2022 | AN / 11.00 to 12.30 | BA4002 - Financial Markets                            |
|            | AN / 02.00 to 03.30 | BA4003 - Banking and Financial Services               |

  
HOD / MBA

  
PRINCIPAL

  
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IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu – 622 012, India

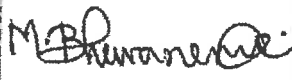
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## Internal Assessment Retest Answer Book

|   |                   |                                     |  |                          |   |
|---|-------------------|-------------------------------------|--|--------------------------|---|
| Name  | Santhoshalamraj A |                                     |  | Year/ Semester           | II/III  |
| Batch No.                                       | 811221631042      | Date/Session                        | 27.10.22 / FN  | Department               | MBA   |
| Course code                                     | BA4001            | Course Title                        | Security Analysis and Portfolio Management   |                          |   |
| Internal Assessment Test                        | IAT 1             | <input checked="" type="checkbox"/> | IAT 2  | <input type="checkbox"/> | IAT 3 <input type="checkbox"/> Model <input type="checkbox"/> |
| Name and Signature of the Invigilator with date |                   |                                     | <br>27/10/22 |                          |   |

Instruction to the Student: Put tick mark to the question attended in the column against question.

| Part A |   |       | Part B / Part C |   |       |  | Total Marks |
|--------|---|-------|-----------------|---|-------|--|-------------|
| Q. No. | ✓ | Marks | Q. NO.          | ✓ | a     | b  |             |
|        |   |       |                 |   | Marks | Marks  |             |
| 1      |   | 2     | 11              |   | 5     |  | 5           |
| 2      |   | 2     | 12              |   |       | 6  | 6           |
| 3      |   | 1     | 13              |   | .     | 7  | 7           |
| 4      |   | 2     | 14              |   |       |  |             |
| 5      |   | 2     | 15              |   |       |  |             |
| 6      |   | 0     | 16              |   |       |  |             |
| 7      |   | 2     | Total           |   |       | 18   |             |
| 8      |   | 1     | 31              |   |       | <br>Name and Signature of the Examiner with date<br>28/10/22 |             |
| 9      |   | 1     |                 |   |       |  |             |
| 10     |   | —     |                 |   |       |  |             |
| Total  |   | 13    | Grand Total     |   |       |  |             |

| To be filled by the examiner |    |    |   |   |   |   |  |
|------------------------------|----|----|---|---|---|---|--|
| Course Outcomes              | 1  | 2  | 3 | 4 | 5 | 6 | Total  |
| Marks allotted               | 38 | 22 |   |   |   |   | 60   |
| Marks Obtained               | 20 | 11 |   |   |   |   | 31   |
| IQAC Audit - Remarks         |    |    |   |   |   |   |  |
| BETTER KEEP IT UP.           |    |    |   |   |   |   |  |
|                              |    |    |   |   |   |   | <br>Name and Signature of the IQAC member |

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**INDRA GANESAN COLLEGE OF ENGINEERING**  
**IG VALLEY, MANIDANDAM, TIRUCHIRAPPALLI – 620012**  
**DEPARTMENT OF MANAGEMENT STUDIES 2022 – 2023 (ODD SEMESTER)**  
**STUDENTS MARK STATEMENT- CO BASED**

**INTERNAL ASSESSMENT-I**

**SUBJECT CODE & TITLE: BA4001 & Security Analysis and Portfolio Management**

**YEAR/SEM: II/III**

**MONTH & YEAR: Oct.. & 2022**

| S.NO | REG NO       | STUDENT NAME       | CO203.1<br>(IA1) | CO203.2<br>(IA1) | TOTAL<br>(60) | TOTAL<br>(100) |
|------|--------------|--------------------|------------------|------------------|---------------|----------------|
| 1.   | 811221631006 | Arun. N            | 20               | 10               | 30            | 50             |
| 2.   | 811221631013 | Gayathri. K        | 21               | 12               | 33            | 55             |
| 3.   | 811221631026 | Mukesh Kannan. K   | 24               | 11               | 35            | 58             |
| 4.   | 811221631031 | Prathivsha. R      | 21               | 11               | 32            | 53             |
| 5.   | 811221631037 | Sakthivel. T       | 21               | 13               | 34            | 57             |
| 6.   | 811221631042 | Santhoshalanraj. A | 20               | 11               | 31            | 52             |
| 7.   |              |                    |                  |                  |               |                |
| 8.   |              |                    |                  |                  |               |                |
| 9.   |              |                    |                  |                  |               |                |
| 10.  |              |                    |                  |                  |               |                |

**MARKS RANGE:**

| <20 | 20-30 | 31-40 | 41-50 | 51-60 | 61-70 | 71-80 | 81-90 | 91-100 |
|-----|-------|-------|-------|-------|-------|-------|-------|--------|
| -   | -     | -     | 1     | 5     | -     | -     | -     | -      |

|                                 |      |
|---------------------------------|------|
| Total No. of Candidates Present | 6    |
| Total No. of Candidates Absent  | -    |
| Total No. of Students Pass      | 6    |
| Total No. of Students Fail      | -    |
| Percentage of Pass              | 100% |

STAFF INCHARGE

HoD/MBA

PRINCIPAL

**Dr. G. Balakrishnan, M.E., Ph.D.,**

Principal

Indra Ganesan College of Engineering

IG Valley, Madurai Main Road

Manikandam, Trichy-620 012.



# INDRA GANESAN COLLEGE OF ENGINEERING

IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu - 620 012, India  
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

## IOAC Academic Audit Form

ACADEMIC YEAR: 2022-2023 ODD SEMESTER

|                          |   |                    |         |                              |    |
|--------------------------|---|--------------------|---------|------------------------------|----|
| Name of Department :     | MBA   | Year / Sem / Sec : | 2 / III | No. of Students Registered : | 43 |
| Details of Examination : | IA Test -1 / IA-Test-2 / IA-Test-3 / Model-Test |                    |         |                              |    |

| S.No. | Course Code | List of Reg.No Verified | Log Book Verified | Course File Verified (Y/N) | No of students Attended | No of Absentees | No of Failures | Pass % | Remarks |
|-------|-------------|-------------------------|-------------------|----------------------------|-------------------------|-----------------|----------------|--------|---------|
| 1     | BA4301      | 811221631016            | Y                 | Y                          | 43                      | -               | 3              | 93.02% |         |
| 2     | BA4302      | 811221631021            | Y                 | Y                          | 42                      | 1               | 1              | 97.61% |         |
| 3     | BA4001      | 811221631032            | Y                 | Y                          | 41                      | 2               | 6              | 85.36% |         |
| 4     | BA4002      | 811221631057            | Y                 | Y                          | 42                      | 1               | 5              | 88.09% |         |
| 5     | BA4003      | 811221631043            | Y                 | Y                          | 42                      | 1               | 3              | 92.86% |         |
| 6     | BA4015      | 811221631013            | Y                 | Y                          | 41                      | 2               | 2              | 95.12% |         |
| 7     | BA4016      | 811221631027            | Y                 | Y                          | 42                      | 1               | 1              | 97.61% |         |
| 8     | BA4019      | 811221631047            | Y                 | Y                          | 42                      | 1               | 1              | 97.61% |         |

Verified by

External Member Name and Signature:

B. DANIEL JAYAKUMAR B. Daniel

Internal Member Name and Signature:

N. MINIPRIYA - N. Minipriya

Overall Remarks:

IMPROVE RESULTS IN FINANCE ELECTIVE PAPERS.

C. Balakrishnan  
HOD/ MBA

M. M. Bhuvan  
IOAC Co-ordinator

V. Srinivas  
Principal

Dr. G. Balakrishnan, M.E., Ph.D.,  
Principal

Indra Ganesan College of Engineering  
IG Valley, Madurai Main Road  
Manikandam, Trichy-620 012.



INDRA GANESAN COLLEGE OF ENGINEERING  
 IG Valley, Manikandam, Tiruchirappalli, Tamil Nadu - 620 012, India  
 (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)  
 STUDENT FEEDBACK ON FACULTY  
 THEORY COURSE

Name of Department: MBA Year / Sem: III / I  
 Subject Code & Name: BAH001 - Security Analysis & Portfolio Management  
 Faculty Name: Dr. C. Soundar Rajan

| S.No. | QUESTIONS   | Excel | Very Good | Good | Satisfactory | Not Satisfactory | Total | Weightage | Percentage |
|-------|---|-------|-----------|------|--------------|------------------|-------|-----------|------------|
|       |   |       |           |      |              |                  |       |           |            |
| 1     | Delivery of Lectures by Interactive Communication | 15    | 10        | 9    | 7            | 0                | 3     |           | 60%        |
| 2     | Use of Teaching Aids and ICT                      | 16    | 12        | 10   | 3            | 0                | 3     |           | 75%        |
| 3     | Level of Preparedness & Knowledge Level           | 15    | 10        | 10   | 6            | 0                | 3     |           | 100%       |
| 4     | Involvement in mentoring and guiding              | 17    | 13        | 7    | 4            | 0                | 2     |           | 100%       |
| 5     | Effective Time management                         | 14    | 14        | 9    | 4            | 0                | -     |           |            |

S. Soundar Rajan  
 Head / SIBA

J. N. Prasad  
 IQAC Co-ordinator

V. S. Prasad  
 Principal



Dr. G. Balakrishnan, M.E., Ph.D.,  
 Principal  
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 Manikandam, Trichy-620 012.