

# Security Analysis and Portfolio Management

## Course Objectives

The objective of this course is to give the students an in-depth knowledge of the theory and practice of Investment decision making process and portfolio management.

## Syllabus

Investment- Risk and Return and Measurement-Indian Stock Market and their Operation-  
Fundamental analysis- Technical analysis-Portfolio Analysis- Selection-Evaluation

## Expected Outcome

On completion of the course, the students are expected to be familiar with different concepts of Portfolio Management. They would understand how to develop an efficient portfolio based upon risk and return criteria.

## References

1. Francis, J C, Investment Analysis and Management, McGraw- Hill, New York.
2. Punithavathy Pandian, Financial Services and Markets, Vikas PH, 2009.
3. Avadhani, V A, Securities Analysis and Portfolio Management, Himalaya Publishing, Mumbai.
4. Machiraju, HR, Indian Financial system, Vikas PH, 2010.
5. Elton, Edwin j. and Martin J . Gruber, Modern Portfolio Theory and Investment Analysis, John Wiley & Sons, New york.
6. Kevin .S , Security Analysis and portfolio Management PHL Publishing , New Delhi
7. Kothari and Rajesh, Financial services in India: Concept and Application, Sage, New Delhi, 2010.
8. Gordon, E & Natarajan, K. Financial Markets & Services, Himalaya PH, 2011.
9. Rajesh Kothari, Financial Services in India, Sage Publication, 2010.
10. Farrell, James L, Portfolio Management: Theory and Application, McGraw- Hill, New York.
11. Markowitz, Harry, 1952, "Portfolio Selection", Journal of Finance.
12. Khan, M.Y. Financial Services, Tata Mc Graw Hill, 2010
13. Singh, Preeti, Investment Management, Himalaya Publishing, Mumbai

## COURSE PLAN

1 Investments: types and characteristics - Types of investors – Speculation- Gambling- Investment avenues- investment process comparison of investment products- Security analysis- Portfolio Management.

2 Risk and Return -Risk-Elements of risk- Beta, measurement of Beta, Systematic Risk- Unsystematic Risk-Measurement of Risk- - Capital Asset Pricing Model(CAPM)- Security Market Line, Capital Market Line.

### First Internal Examination

3 Indian Stock Market- Operations of Indian stock market and Bond markets, new issue market - Book building process - listing - secondary market - online trading - dematerialization - Depository services

4 Security Analysis- Fundamental Analysis - Economic Analysis - Industry analysis-Company analysis-Technical Analysis-Dow Theory-Elliot Wave theory- Random Walk theory- Efficient Market hypothesis.

### Second Internal Examination

5 Portfolio Analysis and Selection- Markowitz portfolio theory- Efficient Frontier- Single Index Model- Multi Index Model- Portfolio valuation- Return on portfolio-Portfolio Evaluation- Sharp-Treynor-Jensen- Portfolio Revision- Portfolio Evaluation.

### Final Examination