

	Investment Management and Financial Engineering				
Time Allotted for End Semester Examination	Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks (MM)	Total Credits	Maximum Hours
3 Hrs.	30 (20+10)	70	100	03	40

OBJECTIVE: The objective of this course is to apprise the students with the concepts and practices of Investment Management.

- Introduction – Securities Market, Mobilization of Savings, Objectives of Investors, Investment Avenues, Investment Media, Features of an Investment Programme. Difference between Investment and Speculation
(8 hours)
- Development of Financial System in India, Structure of Financial Markets, Financial Institutions, New Developments in the Financial System. (8 hours)
- Government Securities- Types, Life Insurance, Kinds of Policies, Procedure for taking a policy, Investment in Units, Different Unit Schemes, Tax Benefits, Provident Funds, National Saving Schemes—Post Office Savings and other Alternative Forms of Investment. **Case Study 1:** Impact of FDI on insurance sector of India.
(8 hours)
- Stock Markets in India, Role of New Issues Market, Mechanics of Security Trading in Stock Exchanges, Kinds of Trading Activity, Listing of Securities, Legal Control of Stock Exchange in India.
(8 hours)
- Derivatives and Latest trading practices, Forward contracts, future contracts, options and other derivatives, future market and use of futures for hedging, interest rate futures, SWAPS, Black Scholes Analysis. **Case Study 2:** Forward premium and forward contracts.
(8 hours)

SUGGESTED READINGS:

1. Avadhani, V.A.(1992). *Investment & Securities Market in India: Investment Management*. New Delhi.: Himalayan Publication,.
2. Beder, S.T., & Marshall, M.C. (2011). *Financial Engineering: The Evolution of Profession*. New Jersey: John Wiley & Sons,.
3. Bhalla, V.K. (2008). *Investment Management*. , New Delhi: S. Chand Publication.
4. Kaptan, S.S. (2001). *Investment Management*. New Delhi: Sarup & Sons.
5. Litterman, B. (2004). *Modern Investment Management: A Equilibrium Approach*. New Jersey: John Wiley & Sons.
6. Maheshwari, Y. (2008). *Investment Management*. New Delhi: Prentice Hall of India.
7. Neftci, N. S. (2008). *Principles of Financial Engineering*. United States: Academic Press.
8. Ruppert, D. (2011). *Statistic & Data Analysis for financial Engineering*. New York: Springer.
9. Vishwanathan, R. & Krishnamurthy, C. (2009), *Investment Management: A Modern Guide to Security Analysis and Stock Selection*. New York: Springer.
10. **Case Study 1:** <http://www.worldscientificnews.com/wp-content/uploads/2015/10/WSN-472-2016-190-201.pdf>
11. **Case Study 2:**
<https://nebula.wsimg.com/2463c30752c14c11e477df3199f855c8?AccessKeyId=A83663472B839ECDD54B&disposition=0&alloworigin=1>

NOTE: The list of cases, specific references and books including recent articles will be announced in the class by concerned teachers from time to time.