

1. Financial Modeling

Objectives:

On completion of this subject, the students should be able to appreciate the role of computers in modeling and analysing the financial activities of a business and in decision support; appreciate the problems involved in the implementation of computerised financial models and spreadsheets; recognise the ways in which computer-based financial models may be used by management and evaluate commercially available financial modeling software.

Synopsis :

Apply accounting principles and techniques to model in all kinds of organisations

- Analyse and critically evaluate information for cost ascertainment, planning, control and decision making
- Model and interpret financial accounting, cost accounting and other financial statements.

Contents

1. Excel for managers : Pre module Session
2. An introduction to Accounting
3. The Accounting Cycle : Journals & Ledgers
4. The Accounting Cycle : Depreciation, Adjustments
5. The Accounting Cycle : Financial Statements
6. Company Accounts
7. Financial Statement Analysis : Introduction
8. Accounting for Product Costing
9. Profitability Planning
10. Financial Mathematics
11. Capital Budgeting : Investment decision models
12. Working capital management

Assessment :	Final examination	60%		Assignment	40%
Pass Marks :	Final marks	50%	AND	Examination only	50%
Learning Time :	Face to face teaching	:		72 hours	
	Self Study	:		50 hours	
	Assignments	:		15 hours	
	Examination Preparation	:		15 hours	
				152 hours	

Additional References:

Anthony, R.N., Hawkins, D.F. & Merchant, K.A., Accounting – Text and Cases Latest Edition, McGraw-Hill International.

Atrill,P., McLaney,E., Accounting and Finance for Non-Specialists, Latest Edition , Prentice-Hall 1997

Atrill,P., McLaney,E., Management Accounting for Non-Specialists, Latest Edition , Prentice-Hall.

Bazley, M., Hancock, P., Berry A., Jarvis, R., Contemporary Accounting: A Conceptual Approach Latest Edition, Nelson.

Granof, M.H., Accounting for Managers and Investors, Latest Edition, Prentice Hall.

Horngren, C.T., Foster, G. & Datar, S., Cost Accounting: A Managerial Emphasis Latest Edition, Prentice Hall,

Langfield-Smith, K., Throne, H., and Hilton, R., Management Accounting: An Australian Perspective, Latest Edition, McGraw-Hill.

Newman, R.L., Accounting Concepts for Managers, Latest Edition, Longman Cheshire.