

Accounting and Finance for Built Environment

Course Title	:	Accounting and Finance for Built Environment
Course Code	:	
Credit Units	:	4

L	T	P	SW	FW	Total Credits
2	2	0	0	0	4

Course Objective	:	<p>The aim of this course is to help students of diversified backgrounds to understand the concept, principles, formation and analysis of financial statements and to acquire knowledge of financial management.</p> <p>Objectives of this course are:</p> <ol style="list-style-type: none"> 1. To prepare the student in understanding and applying accounting and finance concepts. 2. To acquire practical knowledge of understanding and preparation of financial statements 3. To demonstrate competence in interpreting and analyzing financial statements. 4. To acquire knowledge about various financial decisions taken by the firm during business operations.
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Pre-requisites	:	<ol style="list-style-type: none"> 1. Basic concepts of Mathematics and Statistics 2. Understanding of Firm's Operations
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Student Learning Outcomes (SLO)	:	<ol style="list-style-type: none"> 1. Appraising principles of Accounting and their applicability. 2. Demonstrating the various accounting terminologies, concepts and its application in business.
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	3. Developing and inferring the financial statements.
	4. Analyzing financial statements for Real Estate, Construction and Infrastructure Industry companies.
	5. Developing conceptual knowledge about basic financial management and capital budgeting techniques.

Course Content / Syllabus:

Modules	Weightage (%)
1. Introduction to Accounting	
Basic accounting concepts, Various branches of accounting, users of accounting information, Accounting Principles (GAAP), Concept of IFRS and its convergence with Indian accounting Standards.	15%
2. Journal, ledgers, Trial Balance, Depreciation and stock valuation	
Journal & ledgers- Concept and Preparation. Trial balance- Concept, Errors (reasons) & Preparation. Concept of depreciation and its types, methods (WDV & SL) and Depreciation accounting, stock valuation- FIFO, LIFO, HIFO methods	20%
3. Final Accounts	
Concept of Final accounts, Concept of Income statement and Balance sheet, preparation of Final accounts (with and without Adjustments), Financial Statements as per Companies Act 2013, Components of corporate balance sheet, their understand ability and knowledge.	30%
4. Financial Statements Analysis and Reporting	
Concept of financial statements, Objectives of financial statement analysis, Tools of analysis (introduction) and Cash Flow Statement preparation (Direct & Indirect Method), Financial ratios and DuPont analysis	15%
5. Financial Management Basics and Capital Budgeting	

<p>Concept of finance, nature and scope of financial management</p> <p>Time Value of Money – Types of Cash flows, Future Value of a Single Cash Flow, Present Value of a Single Cash Flow; Multiple Flows and Annuity, Growing Annuity- Present Value and Future Value, Perpetuity, and Impact of inflation on financial decision making; Basics of capital budgeting.</p>	20%
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Pedagogy for Course Delivery	:	<p>Theoretical lectures supported relevant examples, followed by tutorials where practical problems will be solved and analyzed. Student assignments/presentations would include group submissions with focus on report/presentation. The companies assigned for the same will be from built environment space so as to get to peculiarities and nuances of accounting practices in such organizations.</p>
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Assessment / Examination Scheme:

Theory Lecture / Tutorial (%)	Lab / Practical / Studio (%)
100%	0 %

Theory Assessment (Lecture & Tutorial):

Continuous Assessment / Internal Assessment				End Term Examination
Components	Project / Home Assignment/ Presentation	Class Test	Attendance	50%
Weightage (%)	30%	15%	5%	

Notional Hours:

Lecture Contact	30
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Tutorial Contact	30
Self-Work	0
Field Work	0
Assessment	0
Total Session	60

Text & References:

- Khatri, D.K., 2011. Financial Accounting. Tata Mcgraw Hill.
- Narayanaswamy, R., 2014. Financial accounting: a managerial perspective. PHI Learning Pvt. Ltd..
- Asish Bhattacharya, Introduction to financial statement analysis, 1st Edition, Elsevier India
- Maheshwari, S.N. and Maheshwari, S.K., An Introduction to Accountancy, Vikas Publication
- Grewal, T.S., Grewal, G.S. and Gerwal, H.S., 2002. Double Entry Book Keeping. Sultan Chand.
- Goel, D.K., Goel, Shelly., 2018. Financial management. Avichal Publishing company
- Khan M.Y, Jain P.K, 2018. Financial management. Tata McGraw -Hill Education

Any Other Study Material:

Other handouts and related material will be circulated through LMS.