

CVM5401 Accounting for Engineers

<b>Level</b>	5
<b>Course Code</b>	CVM5401
<b>Course Title</b>	Accounting for Engineers
<b>Credit value</b>	4
<b>Core/Optional</b>	Core (Common)
<b>Course Aim/s</b>	To provide knowledge of terms, principles, procedures and techniques in Accounting in Engineering context.
<b>Course Learning Outcomes (CLO):</b>	<p>At the completion of this course student will be able to:</p> <p>CLO1: Explain the overall purpose of learning accounting by engineering professionals and describe the purpose of Accounting Equation and its importance.</p> <p>CLO2: Explain the different situations where source documents that are used for accounting can be adopted.</p> <p>CLO3: Describe how to do accounting for purchasing and supplying, and how to do accounting for stocks and depreciation.</p> <p>CLO4: Explain how to prepare a Trail Balance and the reasons for preparing a Trial Balance.</p> <p>CLO5: Explain the procedure of preparing the Trading Account and the Profit and Loss Account and the purposes of these two accounts.</p> <p>CLO6: Outline the broad concept of what Cost and Management Accounting is and elaborate on the key concepts in cost accounting,</p> <p>CLO7: Describe different methods of pricing and return on investment.</p> <p>CLO8: Outline the concept of Capital Budgeting and explain Risk Management in Accounting, and describe Social and Environmental Accounting</p>
<b>Content</b>	<p><b>Outline Syllabus:</b></p> <p>Unit 01: Introduction to Accounting  Unit 02: Source Documents  Unit 03: Types of Accounts 1  Unit 04: Types of Accounts II  Unit 05: Cost Accounting  Unit 06: Pricing and Capital Budgeting</p> <p><b>Mini Project:</b></p> <p>Both mini projects-exercises have been designed in such a manner that the student is expected to:</p> <ol style="list-style-type: none"> <li>1. Comprehend the mini project exercise, work out a strategy to execute the mini project exercise and clearly identify the different steps of the process of executing the exercise.</li> <li>2. Decide on a separate methodology for each step of the mini project exercise and carry out the mini project exercise.</li> <li>3. Analyze the answers/responses/data received and write the mini project report.</li> </ol>