



# GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for Master of Business Administration, 1<sup>st</sup> Semester

Subject Name: Management Accounting (MA)

Subject Code: 4519201

With effective  
from academic  
year 2018-19

## 1. Learning Outcomes:

Learning Outcome Component	Learning Outcome (Learner will be able to)
Business Environment and Domain Knowledge (BEDK)	<ul style="list-style-type: none"> <li>• <i>Describe</i> the relationship between financial and management accounting in modern businesses.</li> <li>• <i>Explain</i> the three primary purposes of management accounting namely, inventory valuation, decision support and cost control.</li> </ul>
Critical thinking, Business Analysis, Problem Solving and Innovative Solutions (CBPI)	<ul style="list-style-type: none"> <li>• <i>Compare</i> and <i>contrast</i> job costing, process costing, and activity costing for tracking business costs.</li> <li>• <i>Analyze</i> data from financial statements (assets, liabilities, equity, expenses, etc.)</li> <li>• <i>Analyze</i> cost-volume-profit techniques to determine optimal managerial decisions.</li> </ul>
Global Exposure and Cross-Cultural Understanding (GECCU)	<ul style="list-style-type: none"> <li>• <i>Compile</i> and <i>assess</i> financial statements in accordance with globally acceptable Principles.</li> </ul>
Social Responsiveness and Ethics (SRE)	<ul style="list-style-type: none"> <li>• <i>Describe</i> and <i>explain</i> the ethical and social responsibilities of financial managers in ensuring the integrity of financial information.</li> </ul>
Effective Communication (EC)	<ul style="list-style-type: none"> <li>• <i>Propose</i> and <i>justify</i> a variety of managerial decisions based on analysis of financial statements and data.</li> </ul>
Leadership and Teamwork (LT)	<ul style="list-style-type: none"> <li>• <i>Collaborate</i> to <i>identify</i>, <i>evaluate</i>, and utilize relevant management accounting information in making various operational, investment, and pricing decisions.</li> </ul>

## LO – PO Mapping: Correlation Levels:

1 = Slight (Low); 2 = Moderate (Medium); 3 = Substantial (High), “-“= no correlation

Sub. Code: 4519201	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
LO1: <i>Describe</i> the relationship between financial and management accounting in modern businesses.	3	2	-	2	-	2	-	2	3
LO2: <i>Explain</i> the three primary purposes of management accounting namely, inventory valuation, decision support and cost control.	3	2	-	2	-	2	-	2	3
LO3: <i>Compare</i> and <i>contrast</i> job costing, process costing, and activity costing for tracking business costs.	2	2	3	1	-	2	-	2	2
LO4: <i>Analyze</i> data from financial statements (assets, liabilities, equity, expenses, etc.)	3	1	3	-	2	1	1	1	1
LO5: <i>Analyze</i> cost-volume-profit techniques to	2	1	3	1	-	1	-	3	1



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determine optimal managerial decisions.									
LO6: Compile and assess financial statements in accordance with globally acceptable Principles.	3	1	1	-	3	1	-	1	1
LO7: Describe and explain the ethical and social responsibilities of financial managers in ensuring the integrity of financial information.	1	1	-	2	1	2	3	1	1
LO8: Propose and justify a variety of managerial decisions based on analysis of financial statements and data.	2	3	-	3	-	2	1	1	1
LO9: Collaborate to identify, evaluate, and utilize relevant management accounting information in making various operational, investment, and pricing decisions.	2	1	1	3	-	3	1	1	1

**2. Course Duration:** The course duration is of **40 sessions of 60 minutes each.**

### 3. Course Contents:

Module No:	Contents	No. of Sessions	70 Marks (External Evaluation)
I	<p><b>Basic understanding of Management Accounting:</b></p> <ul style="list-style-type: none"> <li>• Meaning and definition</li> <li>• Comparison among Financial Accounting, Management Accounting and Cost Accounting.</li> <li>• Accounting Principles – concepts and conventions</li> <li>• Overview of Accounting Process</li> <li>• Journal Entries, Ledger-Posting and Preparation of Trial Balance</li> <li>• Basic overview of IFRS and Indian Accounting Standards (Ind.AS)</li> </ul> <p><b>Understanding and Preparing Corporate Financial Statements:</b></p> <ul style="list-style-type: none"> <li>• Corporate Profit &amp; Loss Account and Corporate Balance Sheet (Vertical B/S only).</li> </ul>	10	18
II	<p><b>Financial Statement Analysis:</b></p> <ul style="list-style-type: none"> <li>• Horizontal analysis</li> <li>• Vertical Analysis</li> <li>• Trend Analysis</li> </ul>	10	18



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	<ul style="list-style-type: none"> <li>Ratio Analysis</li> <li>Cash Flow Statement</li> </ul>		
III	<p><b>Inventory valuation:</b></p> <ul style="list-style-type: none"> <li>FIFO, Weighted Average Method &amp; LIFO (Preparation of stock register card only)</li> </ul> <p><b>Depreciation:</b></p> <ul style="list-style-type: none"> <li>Straight line method, written down value method</li> <li>Retrospective effect (Only Theoretical Perspective)</li> </ul> <p><b>Cost Accounting:</b></p> <ul style="list-style-type: none"> <li>Meaning and definition of cost</li> <li>Cost concepts and classification</li> </ul> <p><b>Costing Methods:</b></p> <ul style="list-style-type: none"> <li>Unit Costing, Process costing(excluding equivalent unit of production)</li> </ul>	10	17
IV	<p><b>Profit Planning &amp; Decision Making:</b></p> <ul style="list-style-type: none"> <li>Marginal costing &amp; CVP Analysis</li> <li>Short term decision making</li> </ul>	10	17
V	Students should select Small & Medium Enterprise and Perform Financial Statement Analysis / Cost Analysis of any product /Service of that company. Students have to prepare a report and give the presentation in the class.	---	(30 marks CEC)

#### 4. Pedagogy:

- ICT enabled Classroom teaching
- Case study
- Practical / live assignment
- Interactive class room discussions

#### 5. Evaluation:

Students shall be evaluated on the following components:

A	<b>Internal Evaluation</b>	<b>(Internal Assessment- 50 Marks)</b>
	<ul style="list-style-type: none"> <li>Continuous Evaluation Component</li> </ul>	30 marks
	<ul style="list-style-type: none"> <li>Class Presence &amp; Participation</li> </ul>	10 marks
	<ul style="list-style-type: none"> <li>Quiz</li> </ul>	10 marks
B	<b>Mid-Semester examination</b>	<b>(Internal Assessment-30 Marks)</b>
C	<b>End –Semester Examination</b>	<b>(External Assessment-70 Marks)</b>

#### 6. Reference Books:

No.	Author	Name of the Book	Publisher	Year of Publication / Edition
1	M.Y. Khan & P.K. Jain	Management Accounting	McGraw Hill	6 <sup>th</sup> / Latest
2	Ambrish Gupta	Financial Accounting for Management	Pearson	5 <sup>th</sup> / Latest
3	R. Narayan Swami	Financial Accounting	PHI	Latest Edition
4	P. C. Tulsian	Financial Accounting	Pearson	Latest Edition
5	V. Rajasekaran & R. Lalitha	Financial Accounting	Pearson	Latest Edition



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6	M. N. Arora	A Textbook of Cost and Management Accounting	Vikas	10 <sup>th</sup> / Latest
7	P. C. Tulsian	Cost Accounting	S Chand	Latest Edition
8	S Gupta & Pankaj Kothari	Accounting for Managers	Frank Brothers	Latest Edition
9	S. K. Bhattacharya and John	Costing for Management	Vikas	Latest Edition

Note: Wherever the standard books are not available for the topic appropriate print and online resources, journals and books published by different authors may be prescribed.

## 7. List of Journals / Periodicals / Magazines / Newspapers / Web resources, etc.

1. The Chartered Accountant
2. The Management Accountant
3. The Chartered Secretary
4. Journal of Finance
5. Business India / Business Today / Business World
6. Business Standard/Economic Times/Financial Times/ Financial Express