ELEMENTS OF COSTING AND ECONOMICS



Dr. S. Baskaran Dr. C. R. Mahesha Dr. T. N. Raju



ELEMENTS OF COSTING AND ECONOMICS

Dr. S. Baskaran

MBA, MFC, M.Phil, Ph.D, PGDIM, PGDED Associate Professor and Head, Department of MBA Dr. Ambedkar Institute of Technology Bengaluru - 56

Dr. C. R. Mahesha

M.E, Ph.D Assistant Professor Department of Industrial Engineering and Management Dr. Ambedkar Institute of Technology Bengaluru - 560056

Dr. T. N. Raju

M. E. , Ph.D (IIT-M) Associate Professor & Head Department of Mechanical Engineering Dr. Ambedkar Institute of Technology Bengaluru - 560056



Jayvee International Publications Private Limited Bengaluru-560083

© 2021 Jayvee International Publications Private Limited

ELEMENTS OF COSTING AND ECONOMICS - Dr. S. Baskaran, Dr. C. R. Mahesha, Dr. T. N. Raju

First Impression: 2021

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means graphic, electronic or mechanical methods including but not limited to photocopying, recording, scanning, digitizing, taping, web distribution, information network or other information storage and retrieval without the prior written permission of the publisher, except in the case of brief quotations embodied in critical reviews and certain other non-commercial uses permitted by copyright law. For permission requests, write to the director addressed **"Attention: Jayvee International Publications Private Limited, Bengaluru"** or directorjayvee@gmail.com at the address below.

Published by:

Jayvee International Publications Private Limited

33/3 1A First Cross, Basavanapura, Bannerghatta Main Road, Bengaluru -560083.
Email: directorjayvee@gmail.com, jayveepublications@gmail.com
Website: www. jayveepublications.com
Marketing Wing: 8088055236

City Office:

No.4, First Floor, Type-III, Block I Byrasandra Campus, NIMHANS Bengaluru-560011 080-26570249 & 9113577873

Pages: 122 ISBN: 978-81950092-5-1

Printed by:

Jayvee International Publications Private Limited

33/3 1A First Cross, Basavanapura, Bannerghatta Main Road, Bengaluru -560083.

Email: directorjayvee@gmail.com, jayveepublications@gmail.com **Contact:** 8884811999 & 8884822999

Website: www. jayveepublications.com

PREFACE

We have immense pleasure to bring out the present book which is basically designed to cover complete syllabus of elements of costing and economics. The book will also be useful for the students appearing for competitive examinations.

The Introduction of New syllabus has created vacuum in respect of suitable books exactly in conformity to new syllabus. As such the present book has been written particularly keeping in mind the problems faced by students studying elements of costing and economics. The book will equally serve the purpose of different branches of engineering aspirants. The book is written in a very simple language understanding that it is meant for beginners.

To ensure students realize that economics is a unified discipline and not a bewildering array of seemingly unrelated topics, we develop the presentation of microeconomics and of macroeconomics around integrating themes.

The book contains five chapters. The new syllabus containing cost concepts, components of costing, Introduction to Economics, Business Economics (Micro-Economics and Macro-Economics) and financial planning.

We are thankful to Principal, **Dr. M. Meenakshi**, Dr. Ambedkar Institute of Technology and management, PVP welfare Trust for constant support and encouragement.

We had excellent experience with the publication of our contents and really appreciates the work of editors and publishing team members, **Ms. N. Jayavarshenee**, **Director-Publications**, **Mrs. K. Radhika**, **Assistant Manager-Jayvee International Publications**, the rapid response and excellent production. We are expressing more publications in the near future.

We would always invite critical views and suggestions for improvement of the book from both students and fellow teachers.

Best wishes for a great semester!!!

Dr. S. Baskaran Dr. C. R. Mahesha Dr. T. N. Raju

CONTENTS

			Unit 1 - Cost Concepts	
1.1	Introduction			1
1.2	Cost			1
1.4	1.2.1	Meaning	ofCost	1
1.3	1.2.1 Meaning of Cost Expense			1
1.5	1.3.1 Meaning of Expense			1
	1.3.1			2
1.4		1.3.2 Types of Expenses Cost Vs. Expense		
	Loss			3
1.5		1.5.1 Meaning of Loss		
	1.5.1			3
1.0		1 Types of Loss ssification of Cost		
1.6				
1.7		Cost Driver		
	1.7.1	Types of Cost Driver		6
	1.7.2	Cost Driver Analysis		6
	1.7.3	Importance of Cost Driver		7
	1.7.4	Advantages		7
	1.7.5 Disadvantages			7
	Cost Unit			7
	1.8.1			
	1.8.2 Types of Cost Units			8
1.9	Overheads			9
	1.9.1	Types of Overheads		
	1.9.2 Classification of Overheads			9
			Unit 2 - Components of Costing	13
2.1	Objectiv	ves of Costing		
2.2	Elemen	s of Costing		
2.3	Cost Sheet			
	2.3.1	3.1 Functional Classification of Elements of Cost		
	2.3.2	Cost Hea	15	
	2.3.3	Preparation of Cost Sheet/Statement		18
		2.3.3.1	Method of Preparation of Cost Sheet	18
		2.3.3.2	Specimen Format of Cost Sheet for a Manufacturing Entity	19
	2.3.4	Treatment of various items of cost in Cost Sheet/Statement		20
	2.3.5	Advantages of Cost sheet		
	2.3.6	3.6 Illustrations		
2.4	Job Costing			23
	2.4.1	Features of Job Costing		23
	2.4.2			
	2.4.3 Types of Business that use Job Costing System			23