



Book of Abstract

1st PAN IIT

International Management Conference 2018

PANIITIMC-18

November 30-December 2, 2018



Organized by:

**Department of Management Studies
Indian Institute of Technology Roorkee**

Editors:

**Dr. Rajat Agrawal
Dr. Vinay Sharma**

**Dr. Zillur Rahman
Dr. Anbanandam Ramesh**

First Impression: November 2018

© Department of Management Studies, Indian Institute of Technology Roorkee, Roorkee, India

**Book of Abstract: First PAN IIT International Management Conference 2018
PANIITIMC-18**

Editors:

Dr. Rajat Agrawal Dr. Zillur Rahman
Dr. Vinay Sharma Dr. Anbanandam Ramesh

ISBN: 978-93-5311-935-5

No part of this publication may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the copyright owners.

Published by:

Dr. Rajat Agrawal
Department of Management Studies
Indian Institute of Technology Roorkee, Roorkee
Haridwar-247667, India
rajatfdm@iitr.ac.in, Ph: 01332-285737

Factors Affecting the Probability of failure of Central Public Sector Enterprises

Bhushan Pardeshi, S.B.Patil Institute of Management, Pune
Padmalochana Bisoyi, S. B. Patil Institute of Management, Pune
Pranita Burbure, S.B.Patil Institute of Management, Pune

Given the importance of Central Public Sector Enterprises (CPSEs) to a country's economy, this paper investigates the factors that affect the probability of their failure as this is an important for assisting policy makers. By studying 6 Medium & Light Engineering CPSEs from the period 2008-2017, we selected 15 variables that are potentially correlated with the occurrence of failure by using binary logistic regression. The result of logistic regression shows that working capital, net profit, ROA, GVA to capital employed, labour cost to sales, capital output ratio and sales to total assets have significant impact on the probability of failure. This study finds that the importance of firm-specific factors in determining or explaining failure of CPSEs. The financial distress is analyzed by the Altaman's Z score model. The results of Altaman's Z Score model shows that the failure CPSEs have registered negative Z score and fall under the category of distress zone. In this study the researchers tried to discover the extent of internal factors explain the probability of failure.

Key words: *CPSEs, bankruptcy, failure & non failure, Altaman's Z Score*

.....

Insurance Industry: The Relationship among Components of Working Capital Management (WCM) & Profitability

Hemant Kushwaha, Shri Mata Vaishno Devi University

Insurance sector provide a hedging option against uncertain events happen in future by using insurance. Efficiency and effectiveness of this sector is directly dependent on its management of working capital. There are many study on WCM and profitability index but no research has been conducted in the field of Insurance sector, specifically with respect to India .Thus the objective in present paper is study the effect of WCM in Insurance sector and further develop the relationship between WCM & profitability, relationship between CCC & profitability also relation between operating cycle & return on investment. For analysis secondary data is used i.e. financial statement published through listed companies as these are the reliable source, then regression model, Ratios, etc. to check each components of working capital management as there are four components of working capital through GOP, Operating Profit, CCC, ACP, APP, ITD ,GPM,ROTA , ROE , operating cycle. There is significant relationship in Insurance industry's components of WCM & profitability. Calculated value will be either greater than or less than a significant value (0.5). It contributes not only in making better understanding the concepts of working capital management but also contribute in progress of development of nation and allow to invest idle resource to get better return and provide social security.

Keywords: *Working Capital management, Insurance, Premium, Efficiency*

.....