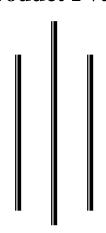
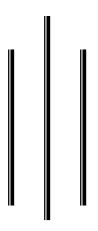
# WORKING CAPITAL MANAGEMENT OF J.Bs. Product Pvt. Ltd.



## BY: **Nabaraj Dahal**

Post Graduate Campus, Biratnagar T.U. Reg. 31505-95



## A Thesis Submitted to:

Office of the Dean Faculty of management Tribhuvan University

In Partial fulfillment of the requirement of the degree of
Master's of Business Studies (M.B.S.)
Biratnagar, Nepal
2068



### TRIBHUVAN UNIVERSITY

Post Graduate Campus Biratnagar, Nepal

Ref. No	Phone no. 021-526327

#### RECOMMENDATION

This is to certify that the thesis:

Submitted by:

### Nabaraj Dahal

Entitled

## WORKING CAPITAL MANAGEMENT OF

## J.Bs. Product Pvt. Ltd.

has been prepared as approved by this Department in the prescribed format of faculty of management. This thesis is forwarded for examination.

Supervisor	Head of Department
(Prof. Dr. Khagendra Acharya)	(Prof. Dr. Khagendra Aacharya)
	Campus Chief
	(Dr. Harihar Bhandari)
Date:	



#### TRIBHUVAN UNIVERSITY

Post Graduate Campus Biratnagar, Nepal

Ref. No	Phone no. 021526327	

#### **VIVA-VOCE SHEET**

We have conducted the viva-voce examination of the thesis presented by

## Nabaraj Dahal

entitled

## WORKING CAPITAL MANAGEMENT OF J.Bs. Product Pvt. Ltd.

and found the thesis to be the original work of student and written according

to the prescribed format. We recommend the thesis to be accepted as partial fulfillment of the requirement for

Master's of Business Studies (M.B.S.)

#### **VIVA-VOCE COMMITTEE**

Chairperson, Research Committee	
Member (Thesis Supervisor) [Prof. Dr. Khagendra Acharya]	
Member (External Expert)	
Date:	

#### **DECLARATION**

I hereby declare thesis entitled "Working Capital Management of J.Bs. Product Pvt. Ltd." Submitted to post Graduate campus, Biratnagar. Nepal faculty of management, Tribhuvan University, is my original work done in the form of partial fulfillment of the Masters Degree in Business Studies (M.B.S.) under the supervision and guidance of Prof. Dr. Khagendra Acharya.

	Nabaraj Dahal (Researcher)
Date:	

#### **ACKNOWLEDGEMENT**

This thesis "Working Capital Management of J.Bs. Product Pvt. Ltd." which is a partial fulfillment of requirement for the degree of master of Business studies under the faculty of management T.U.

Prof. Dr. Khagendra Acharya, supervisor of this thesis, for his valuable suggestion, constant, encouragement, adequate support, patient guidance, co-operation and regular supervision to complete this research study. Similarly, I would like to give sincere thanks to prof. Dr. khagendra acharya head of the management research department, post graduate campus, Biratnagar.

I would like to express my appreciation to Dr. Harihar Bhandari, campus chief of post graduate campus, Biratnagar and all of my teachers of the my department of management, who are encouragement me for complete this thesis.

I would like to express my great thanks to the Liberians and other staff of this campus for help to complete this thesis. Like wise I would to express my great thanks for **J.Bs. Product Pvt. Ltd.** for their in directly support of complete this thesis works.

I would like to great pleasure to my parents especially to my Father Mr. Umakant Dahal, My wife Mrs. Shoba Dahal, brothers and friends for their moral support in each and every step. My every achievement is possible because of their effort, help and blesses.

It is my great pleasure to my friend Mr. Anand Kumar Shah for excellent typing and printing this thesis report.

At last, I would like to express sincere thanks to all those who has helped me directly or indirectly to bring this study at this stage of completion.

Nabaraj Dahal	
(Researcher)	

Date: .....

#### Recommendation

**Viva Voice Sheet** 

**Declaration** 

Acknowledgement

List of table

List of Graph

**Abbreviation** 

### **CONTENTS**

Chap	ter one: Introduction	Page No. <b>1-12</b>
1.1	Background	1
1.2	An introduction of J.Bs. industry	3
1.3	Focus of study	6
1.4	Relevancy of the study	8
1.5	Statement of Problem	8
1.6	Importance of study	9
1.7	Objectives of the study	9
1.8	Research methodology	10
1.9	Assumption and limitation of study	11
1.10	Organization of the study	11
Chapter Two: Review of Literature		13-32
2.1	Introduction of conceptual review	13
2.1.1	Financial Management	13
2.1.2	Importance of Finance	15
2.1.3	Working Capital Mangement	16
2.1.4	Concept of working capital	18
2.1.5	Importance of working capital	21
2.1.6	Types of working capital	23
2.1.7	Working capital policy	25

2.1.8	Determinants of working capital	25
2.2	Review of Related Studies	26
2.2.1	Review of journalas/ Articles	26
2.2.2	Review of Related Literature	29
Chap	ter Three: Research Methodology	33-44
3.1	Introduction	33
3.2	Population and sample size	33
3.3	Research Design	34
3.4	Research methods and Data collection strategy	35
3.5	Nature of Data and collection procedures	35
3.6	Method of Data Analysis	35
3.6.1	Structure of working capital Analysis	36
3.6.2	Liquidity Ratio	39
3.6.3	Profitability ratio	40
3.6.4	Activity Ratio	41
3.6.5	Trend Analysis	43
3.7	Statistical methods	43
3.7.1	Arithmetci mean (average)	43
3.7.2	Bar graphs	43
3.7.3	Corelation Analysis	44
3.7.4	Probable error	44
Chap	ter Four: Presentation and Analysis of data	45-104
4.1	Introduction	45
4.1.1	Analysis of Current Assets	45
4.2	Structure of working capital	49
4.2.1	Current assets to fixed assets	49
4.2.2	Current assets to fixed assets	52
4.2.3	Cash and Bank balance to current assets	55
4.2.4	Cash and Bank Balance to Total assets	58

4.2.5	Receivables to current assets	60		
4.2.6	Receivables to total assets	63		
4.2.7	Inventory to current assets	66		
4.2.8	Inventory to total assets	69		
4.2.9	Analysis of Networking capital and working capital finan	ncing 72		
4.3	Liquidity position	72		
4.3.1	Current assets	73		
4.3.2	Quick/Acid test Ratio	76		
4.4	Activity Ratio/Turnover Ratio	78		
4.4.1	Inventory turnover ratio	78		
4.4.2	Debtors to Total sales Ratio	81		
4.4.3	Average collection period	84		
4.4.4	Fixed assets turnover ratio	85		
4.4.5	Networking capital turnover ratio	87		
4.4.6	Total assets turnover ratio	89		
4.4.7	Current assets turnover/Gross working capital turnover	92		
4.5	Profitability position	94		
4.5.1	Gross profit margin ratio	94		
4.5.2	Net profit margin ratio	97		
4.5.3	Return on Total assets	100		
4.6	Trend analysis	102		
4.7	Trend graph	103		
Chap	ter Five: Summary, conclusion and Recommendation	105-111		
5.1	Summary	105		
5.2	Conclusion	106		
5.3	Recommendation	109		
	IOGRAPHY			
	ENDIX-A			
<b>APPE</b>	APPENDIX-B			

## LIST OF TABLE

Table	e No.	Page No.
1	Analysis of current assets	47
2	Percentage of Current Assets to Total Assets Ratio	50
3	Computing of correlation coefficient in order to test r	elationship
	between current assets and total assets	51
4	Current assets to total fixed assets	53
5	Computation of correlation coefficient in order to test	relation of
	C/A with fixed assets	54
6	Cash and bank balance to current assets ratio	55
7	Computation of correlation coefficient in order to test r	elationship
	between cash and bank balance to C/A	57
8	Analysis and cash and bank balance to total assets ratio	58
9	Computation of correlation coefficient of in order t test r	elationship
	between cash and bank balance to total assets	59
10	Receivables to current assets	61
11	Computation of correlation of in order to test relationsh	ip between
	receivables to current assets	62
12	Analysis of receivables to total assets ratio	63
13	Computation of correlation coefficient of in order	er to test
	relationship between receivable of total assets	65
14	Inventory to current assets ratio	66
15	Computation of correlation coefficient in order to test r	elationship
	between inventories to current assets	68
16	Inventory to total assets ratio	69
17	Computation of correlation coefficient inventory to total	assets71
18	Analysis of networking capital of working capital financ	ing72
19	Current assets of current liabilities	73

20	Computation of correlation coefficient of current assets	to current
	liabilities	75
21	Quick assets to current liabilities ratio	76
22	Computation of correlation of Quick assets to current liab	oilities77
23	Inventory to total assets ratio	79
24	Computation of correlation coefficient inventory to total	assets80
25	Debtors to total assets ratio	82
26	The relationship between debtors and sales can be sho	wn by the
	karl Pearson's correlation coefficient	83
27	Calculation of average collection period	84
28	Fixed assets to sales ratio	85
29	Computation of correlation coefficient fixed assets to sale	es86
30	Networking capital to sales ratio	87
31	Computation of correlation coefficient networking capita	l to sales
32	Total assets to sales ratio	90
33	The relation coefficient in order of test relationship bet	ween total
	assets and sales	91
34	Current assets to sales	92
35	Computation of correlation coefficient of current assets to	sales93
36	Computation of Gross margin ratio	95
37	Computation of correlation coefficient of r in order	er to test
	relationship between Gross Profit to sales	96
38	Computation of Gross profit margin ratio	98
39	Computation of correlation coefficient of in order	r to test
	relationship between Net profit to sales	99
40	Computation of Return on total assets	100
41	Computation of correlation coefficient of in order	r to test
	relationship between current assets to sales	101
42	Comparative trend analysis	103

## LIST OF FIGURES

Figure No.		Page No
1	Financial Management in the organization Structure	15
2	Working Capital Management	17
3	Variable Working Capital	22
4	Working Capital Policies	23
5	Aggressive policy of variable working capital	24
6	Moderate Policy of variable working capital	25

#### **ABBREVIATION**

& And

A/C Account

AGM Annual General Meeting

Avg. Average

B/S Balance Sheet

Brt. Biratnagar

C.V. Coefficient of Variation

CA Current Assets

CB Cash Balance

CL Current Liabilities

D.F. Degree of Freedom

e.g. Example

EAT Earning After Tax

EOQ Economic Order Quantity

EPS Earning Per Share

Etc Etcetera

F/Y Fiscal Year

FA Fixed Assets

i.e. That is

ibid Ibidem

J.Bs. Jit Singh Bista

KTM Kathmandu

MBS Master of Business Studies

Mgmt Management

NPAT Net Profit After Tax

NWC Net Working Capital

P Page

P.E. Probable Error

P.G. Post Graduate

P/L Profit & Loss

Prof. Professor

Pvt. Private

R Receivable

Rs. Rupees

SD Standard Deviation

SN Standard Deviation

TA Total Assets

TCA Total Current Assets

TCL Total Current Liabilities

TU Tribhuwan University

Viz. Namely

W/C Working Capital

DDC Dairy Development Corporation

NBCL Nepal Battery Company Limited

NLL Nepal Lever Limited

NTDC Nepal Tea Development

Corporation

PEs Publics Enterprise

EBIT Earning Before Interest and Tax

Co. Company

NWC Net Working Capital

Yr Year

P.E. Probable Error

Ltd. Limited

NI Net Income

NPM Net profit Margin