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a) **Format of Cover and Front Page**
(Title of Dissertation)

**A dissertation work submitted to
Shivaji University, Kolhapur**

**For the Degree of Masters of Engineering
in
*(BRANCH OF SPECIALISATION)***

**Under the Faculty of
Engineering and Technology**

**By
*(Name of candidate)***

**Under the Guidance of
Prof. *(Name of Guide)*
*(Designation of Guide)***

Year 20--

b) Format of Second Page

A DISSERTATION ON

(Title of dissertation)

Submitted by

(Name of Student)

Under the Guidance of

Prof. *(Name of Guide)*



DEPARTMENT OF _____ ENGINEERING
Dr. J. J. Magdum College of Engineering, Jaysingpur.

Academic Year
20 -20

c) Format of Certificate

**Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering,
Jaysingpur – 416 101.**



C E R T I F I C A T E

This is to certify that, Mr./Miss./Mrs. (*Name of student*)
has satisfactorily completed the dissertation work entitled
“(*Title of dissertation*)”
in partial fulfillment for award of Masters of Engineering
Degree in (*Branch of specialization*)
by Shivaji University, Kolhapur.

Guide
Name of Guide

Head,
Dept. of _____ Engg.

Principal

External Examiner

d) **Format of DRC Approval Certificate**

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of _____



CERTIFICATE

This is to certify that, the dissertation entitled,
(Title of dissertation)

is presented before Department Research Committee (DRC) by,
(Name of Candidate)

Under the guidance of Prof. *(Name of guide)* for the academic year 20 -
20

The DRC has approved the said dissertation.

Head,
Department Research Committee, (DRC)
Department of _____

e) Format of Declaration by Student

DECLARATION BY STUDENT

I hereby declare that the dissertation entitled “*Title of dissertation*” completed and written by me has not previously formed the basis for the award of any Degree or Diploma or other similar title of this or any other University or examining body.

Further, I declare that I have not violated any of the provisions under Copyright and Piracy / Cyber / IPR Act amended from time to time.

Place:

Date:

Signature of Candidate

(Name of Candidate)

f) Format of Declaration by Guide

DECLARATION BY GUIDE

This is to certify that the dissertation entitled “*(Title of dissertation)*” which is being submitted herewith for the award of the Degree of Masters of Engineering in *(Branch Specialization)* under the faculty of Engineering and Technology of Shivaji University, Kolhapur is the result of the original work completed by **Shri.** *(Name of Candidate)* under my supervision and guidance and to the best of my knowledge and belief the work embodied in this dissertation has not formed earlier the basis for the award of any Degree or similar title of this or any other University or examining body.

Place:

Date:

Signature of Guide
Prof. (Name of Guide)
(Designation of Guide)

g) Format of Acknowledgement

A C K N O W L E D G E M E N T

First of all I would like to thank Prof. *(Name of Guide)* who is presently working as a *(Designation of Guide)* of *(Name of Department, Name of College)* for guiding me through this dissertation work. I am extremely grateful to him for all his invaluable guidance and kind suggestions during all the phases of my dissertation work. His ever encouraging attitude, guidance and whole hearted help were biggest motivation for me in completing this dissertation work.

I am thankful to the founder Chairman Late Dr. J. J. Magdum and the Chairman Mr. Vijayraj J. Magdum of Dr. J. J. Magdum Trust, Jaysingpur, for their encouragement. I am very grateful to *(Name of Principal)*, Principal, *(Name of Vice Principal)*, Vice Principal, of Dr. J. J. Magdum College of Engineering, Jaysingpur for motivating me for this dissertation work. Also I am thankful to Prof. *(Name of H.O.D.)*, Head, Department of *(Name of Department)* Engineering for providing necessary facilities for completion of this dissertation work.

I am also thankful to *(Name of other members who helped in completion of dissertation work)* for supporting me in completion of this dissertation work.

Lastly I thank all the persons who have guided and helped me directly or indirectly.

Signature
(Name of Candidate)

h) Format of Content

Ch. No.	Topic	Page No.
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	<i>Declaration by Guide</i>	<i>ii</i>
	<i>Acknowledgement</i>	<i>iii</i>
	<i>Content</i>	<i>iv</i>
	<i>Abstract</i>	<i>/</i>
	<i>List of Tables</i>	<i>/</i>
	<i>List of Figures</i>	<i>/</i>
	<i>Symbols</i>	<i>/</i>
	<i>Abbreviations</i>	<i>/</i>
Chapter 1	INTRODUCTION	1 -
1.1	Introduction	1
1.2	Main Title	
1.2.1	Sub title	
1.2.1.1	Sub sub title	
1.3	Objectives	
1.4	Outline of dissertation	
Chapter 2	LITERATURE REVIEW	 -
2.1	Introduction	
2.2	Brief history of	
Chapter 3	METHODOLOGY: MATHEMATICAL / EXPERIMENTAL / STUDY TYPE	 -
3.1	Introduction	
Chapter 	CONCLUSIONS	 -
	REFERENCES	 -
	<i>List of Publications</i>	

Note – Page no. for Declaration by Student, Declaration by Guide, Acknowledgement, Content, Abstract, List of Tables, List of Figures, Symbols and Abbreviations should be in Roman. Page no. for chapter should be in English starting from 1. First three chapters should be as indicated in format. Titles of remaining chapters of dissertation are as per requirement of dissertation.

i) **Format of Abstract**

A B S T R A C T

Abstract should content in brief - introduction, literature review, problem defined, methodology adopted and expected outcome. Abstract should be of maximum 2 pages. Abstract should be **continuous text** without title. Adopt only paragraphs for bifurcations between points.

j) **Format of List of Tables**

Table No.	Title of Table	Page No.
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Note – Table nos. are to be as per chapter. For example – Tables in chapter 1 should be numbered as Table 1.1, Table 1.2 and so on

k) **Format of List of Figures**

Figure No.	Title of Figure	Page No.
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Note – Figure nos. are to be as per chapter. For example – Figures in chapter 1 should be numbered as Figure 1.1, Figure 1.2 and so on

l) **Format of Symbols**

English Symbols

Symbol	Description of Symbol
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Greek Symbols

Symbol	Description of Symbol
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m) Format of Abbreviations

Abbreviations	Description of Abbreviations
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n) Format of Dissertation Write Up

- | | | | | | |
|--|------------------------------------|---|--|--|-------------------|
| 1. | Paper size | - | A-4 | | |
| 2. | Margins | - | Left - 3.5 cm Right - 2.54 cm
Top – 2.54 cm Bottom – 2.54 cm | | |
| 3. | Header | - | Topic of seminar.
Font-Times New Roman (Italic), Size-10, Alignment-right. | | |
| 4. | Footer | - | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><i>Dr. J. J. Magdum College of Engineering, Jaysingpur</i></td> <td style="padding: 2px; text-align: right;"><i>Page No.--</i></td> </tr> </table> | <i>Dr. J. J. Magdum College of Engineering, Jaysingpur</i> | <i>Page No.--</i> |
| <i>Dr. J. J. Magdum College of Engineering, Jaysingpur</i> | <i>Page No.--</i> | | | | |
| 5. | Dissertation report
(Main Text) | - | Font – Times New Roman, Size – 12 regular,
Line spacing – 1.15 lines,
Equation – only in equation editor,
Figures – In Auto CAD only
Photographs – 4 x 7 colour. | | |
| 6. | Chapter No. | - | Font - <i>CommercialScriptBT</i> , Size – 24, Alignment – right
Line spacing – before and after – 6 points | | |
| 7. | Chapter title | - | Font – <i>Monotype Corsiva</i> , Size- 36, Alignment – right
Line spacing – before – 6 points, after – 102 points | | |
| 8. | Main Title | - | Font – ENGRAVERS MT , Size- 12, centered.
Line spacing – before and after – 12 points | | |
| 9. | Sub title | - | Font – Bookman old style- 12 bold, alignment left
Line spacing – before and after – 6 points | | |
| 10. | Sub sub title | - | Font – Times New Roman, Size- 12 bold, Italic,
Alignment – left, Line spacing: before and after – 6 points | | |
| 11. | Table caption | - | Font – Times New Roman, Size- 12 bold.
Alignment – Centered above table
Line spacing – before and after – 6 points | | |
| 12. | Figure caption | - | Font – Times New Roman, Size- 12 bold.
Alignment – Centered below figure
Line spacing – before and after – 6 points | | |

Note – Main title, Sub title and Sub sub title are to be numbered as per chapter. For example – Main title in chapter 1 should be numbered as 1.1, Sub title as 1.1.1, Sub sub title as 1.1.1.1

Example of chapter no., chapter title, main title, sub title, sub sub title, table caption and figure caption

Literature Review

2.1 INTRODUCTION

Base Isolation is one of the popular passive control techniques (Kelly 1997). The parameters of various isolators are tabulated in Table 2.1.

2.3.1 Elastomeric Bearings

Base isolation is considered to be an aseismic design approach in which the building is protected from the hazards of earthquake forces by a mechanism which reduces the transmission of horizontal acceleration into the structure (Jangid and Datta, 1995).

2.3.1.2 New Zealand System (NZ)

The system behaves essentially as hysteretic damper device. (Lin et. al. 1989a, 1989b). The section and elements of NZ system are shown in Figure 2.4(a), the analytical model is shown in Figure 2.4(b), and the force deformation behavior is shown in Figure 2.4(c).

Table 2.1: Values of parameter of various isolators for $T_i = 2$ s

Isolator Type	FPS	VFPI	CFPI
Parameter value	$R = 1$ m	$d = 0.3$ m $b = 0.09$ m	$R = 1$ m $d_b = 0.1R = 0.1$ m

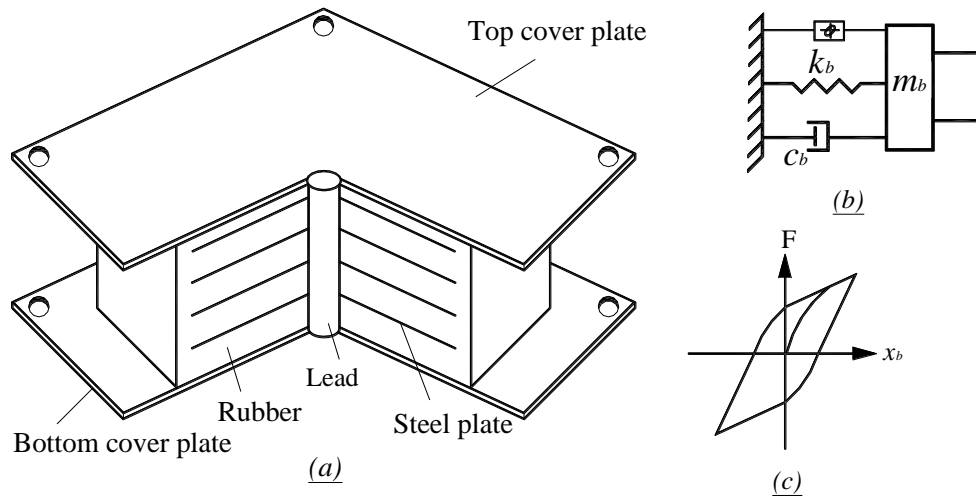


Figure 2.4: New Zealand bearing system (a) Section and element (b) Analytical model (c) Force-deformation behavior

o) Format of References

R E F E R E N C E S

Journal reference:

Author(s) name, (Year of publication), “Title of paper”, *Title of journal (in italic)*, Volume No., Issue No., referred Page Nos.

For example: -

Sinha Shambhu, (2004) “Seismic Applications of Energy Dampers”, *Defense Science Journal*, Vol. 54, No. 1, pp. 73-83

Conference reference:

Author(s) name, (Year of publication), “Title of paper”, *Proceedings of (Name of conference)*, Place of conference, Paper No.

For example: -

Malu Girish and Murnal Pranesh (2012) “Comparative study of sliding isolation system for low frequency ground motion”, *Proceedings of 15th World Conference on Earthquake Engineering*, Lisbon, Portugal, Paper No. 4606

Book reference:

Author(s) name, (Year of publication), “*Title of book in italic*”, Edition No., Name of Publisher, City.

For example: -

Punmia B. C., Jain A. K. and Jain A. K. (2004) “*Theory of Structures*”, 12th Edition, Laxmi Publication, Delhi

Note: - References should be continuous. There should not be any title like Journal references, Conference references or book references. The above format only indicate format of three different references. Reference should be sort alphabetically. Citation of references is to be given at all points in dissertation where ever text from reference is taken.

Format of citation of reference in text –

Single author -

(Author name, Year of publication)

For example: - (Sinha, 2004)

Two authors -

(Authors name, Year of publication)

For example: - (Malu and Murnal, 2012)

Multiple authors -

(First author name et. al., Year of publication)

For example: - (Punmia et. al., 2004)

p) List of Publication

List the publications of candidate as per the format of references.