



Date : 30/08/2018

## Annexure A

Revision - 02

### Process for Submission of Synopsis for Doctoral Research Work

- 1.1 a. Prior to submission of synopsis of thesis, a comprehensive assessment of the Research work should be made by a panel consisting of Research Progress Review (RPR) panel and one or two external experts of concerned area of research work appointed by Provost in consultation with the supervisor(s) through Director (P. G. Studies and Research). This assessment shall be through a Pre-Synopsis Seminar (Examination).
- b. The seminar shall be open to all faculty members, research and PG students for getting feedback and comments, which must be suitably incorporated into the thesis under the advice of the Supervisor. This open seminar is a prerequisite for submission of Ph. D. Synopsis.
- c. A research scholar has to submit one hard and soft copy of Pre-Synopsis report. The format for Pre-Synopsis report is same as per guidelines given for format of Thesis (Annexure – C).
- d. Details of the Pre-Synopsis seminar shall be adequately notified so as to enable interested staff members and students to attend the same.
- e. A Research Scholar can be allowed for this Pre-Synopsis Seminar after completion of the following requirements:
  1. A research scholar whose registration has been confirmed and who has completed his/her course work as well as research work through minimum four successful RPR (copy of the report should be submitted to the office of RDI Centre) and is sure of compiling the results into a thesis.
  2. Written consent of permission from the experts of the last RPR (required to submit the photocopy of the same) and from the supervisor and co-supervisor (if any).
  3. The Research Scholar must publish
    - 3.1 Minimum of two research papers in a peer reviewed/refereed International or National Journal of repute (including the papers accepted for publications) and produce evidence for the same in the form of acceptance letter from the publisher or copies of the publication AND;
    - 3.2 Make minimum two paper presentations in conferences/seminars before the submission of the thesis for adjudication, and produce evidence for the same in the form of presentation certificates and/or reprints.Over and above if candidate has applied/awarded for patent then (s)he is required to produce patent application or publication reprint or gallery proof.
  4. It is required to submit the photocopy of all receipts of fees paid.
  5. Every research Scholar must check his/her Pre-Synopsis report with reputed and standard anti-plagiarism software like “Turnitin” or “iThenticate” or “URKUND”



and must submit the certificate of plagiarism check along with the Pre-Synopsis report. The similarity index less than or equal to 10% ( 10%) shall be required and will be allowed accordingly. Before submission of final Pre-Synopsis report to university, submit the softcopy of the same to university for plagiarism check and accordingly scholar will be allowed for further process.

f. The Panel shall forward the panel's report (Annexure – A.1) to the office of the Director (P. G. Studies and Research).

1.2 The synopsis is to be submitted within three months from the date of successful completion of pre-synopsis seminar. If the synopsis is not submitted within three months from the date of successful completion of the Pre-Synopsis Seminar, the candidate has to apply for extension (of maximum period of three months) to Director (P. G. Studies and Research) through the supervisor and co-supervisor (if any).

1.3 The Research Scholar has to submit three copies of the synopsis of the proposed thesis along with a soft copy in PDF on a CD along with the undertaking (Annexure – A.2) to the Director, P.G. Studies and Research, C. U. Shah University through the Supervisor/Co-Supervisor. The soft copy shall be used for quick communications with the examiners.

1.4 The synopsis should contain introduction, chapter-wise brief account of the work done and overall conclusions. It should include the following components:

- a. Title page (Specimen B)
- b. Candidate' Declaration (Specimen E)
- c. Certificate from the Supervisor (Specimen F)
- d. Certificate from the Co-Supervisor (External Supervisor) (Specimen G)
- e. A copyright transfer certificate (Specimen H)
- f. Acknowledgments
- g. Abstract
- h. Contents
- i. Brief description on the state of the art of the research topic
- j. Definition of the Problem
- k. Objective and Methodology of Research
- l. Results and Comparisons
- m. Conclusion
- n. Future research scope
- o. References (main and important only)
- p. Publications



- 1.5 The synopsis shall not be longer than fifteen to twenty pages (excluding the copies of papers published and the list of references), one and half line spaced, A4 size pages in a font size of 12 point and font style of Times New Roman.
- 1.6 It is required to submit the copy of Annexure – A.3 which contains following certificates,
  - a. Certificate from the Research Supervisor and Co-Supervisor (if any).
  - b. Certificate from Candidate.
  - c. Certificate that the pre-synopsis seminar has been completed satisfactorily.
- 1.7 NO DUES certificate duly endorsed by the Account Section/Student Section/Department/Library as per the proforma provided by the University.
- 1.8 The synopsis shall be uploaded on the University's website.



Faculty of : \_\_\_\_\_

Branch/Programme/Specialization of : \_\_\_\_\_

**PRE-SYNOPSIS EXAMINATION (Ph.D.) REPORT**

1. Name: \_\_\_\_\_
2. Enrolment No.: \_\_\_\_\_
3. Title: \_\_\_\_\_
4. Date of Joining: \_\_\_\_\_
5. Date of previous Research Progress Review Presented:
  1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_
  4. \_\_\_\_\_
  5. \_\_\_\_\_
  6. \_\_\_\_\_
6. Pre-Synopsis Examination Date: \_\_\_\_\_ Time: \_\_\_\_\_ Place: \_\_\_\_\_
7. Publications/Papers Presented/Submitted (Attach Proof): \_\_\_\_\_
8. Tick Quality of work done: Excellent/Good/Satisfactory/Unsatisfactory
9. Tick Depth of work done: Enough/Just Sufficient/Insufficient
10. Expected Period for Submission of Thesis: \_\_\_\_\_
11. Recommendation:

The candidate can be allowed to submit the Synopsis: YES/NO  
(If NO give comments)

**Name of Examiner with Signature**

_____	_____	_____
_____	_____	_____
<b>Examiner 1</b>	<b>Examiner 2</b>	<b>Examiner 3</b>
_____	_____	_____
_____	_____	_____
<b>Supervisor</b>	<b>Co-Supervisor/External Supervisor</b>	<b>Dean</b>

To  
**Director, P. G. Studies and Research,**  
**Research, Development and Innovation Centre,**  
**C. U. Shah University**



**Comments :** \_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

**Name of Examiner with Signature**

_____	_____	_____
_____	_____	_____
<b>Examiner 1</b>	<b>Examiner 2</b>	<b>Examiner 3</b>
_____	_____	_____
_____	_____	_____
<b>Supervisor</b>	<b>Co-Supervisor/External Supervisor</b>	<b>Dean</b>



**UNDERTAKING TO BE SUBMITTED BY THE STUDENTS  
WHO ARE SUBMITTING THE SYNOPSIS OF THE THESIS**

Date: \_\_\_\_\_

I am submitting the synopsis of my Ph.D. thesis on (Title): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I am aware that I have to submit my thesis within a maximum of six (6) months from the date of submission of the synopsis. I hereby give the undertaking to submit my Ph.D. thesis within six (6) months but not earlier 1 (one) month from the date of submission of the synopsis.

(Signature of the Student)

Name: \_\_\_\_\_

Enrolment No.: \_\_\_\_\_

Faculty and Branch: \_\_\_\_\_

(Signature of Supervisor): \_\_\_\_\_

Name: \_\_\_\_\_

(Signature of Co-Supervisor/External Supervisor): \_\_\_\_\_

Name: \_\_\_\_\_

**To**  
**The Director,**  
**P. G. Studies and Research,**  
**Research, Development and Innovation Centre**



**CERTIFICATES IN CONNECTION WITH SUBMISSION OF SYNOPSIS**

**Certificate No.1**

Certified that the candidate \_\_\_\_\_ has carried out the research work under my/our guidance during the period \_\_\_\_\_ to \_\_\_\_\_ as per guidelines of UGC and consecutive clarifications and amendments.

Further certify that:

1. There is prime facie case for consideration of the thesis.
2. The thesis does not include any work which has at any time previously been submitted for the award of a degree and
3. The work involved the following on collaboration namely.

Signature of Supervisor

Signature of Co-Supervisor/External Supervisor

Name :

Name :

**Certificate No.2 (to be completed by the candidate)**

1. I submit herewith 03 (three) copies of the synopsis of my thesis, together with certificate from Director, P. G. Studies and Research, the Research supervisor(s) and also the undertaking from me, as laid down under the Ph.D. rules.

The Thesis Adjudication fees and other examination fees has been paid in the Account Section of the University under receipt No. \_\_\_\_\_ dated \_\_\_\_\_

My address for communication will be as follows:

(I hereby undertake to intimate change of address, if any)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date:

Signature of the candidate

Name of the candidate in full:



## Certificate No.3

Certified that the above mentioned candidate has satisfactorily completed the Pre-Synopsis Seminar (Examination) before a panel duly constituted for the purpose on (date) \_\_\_\_\_(copy enclosed).

Director,  
P. G. Studies and Research,  
Research, Development and  
Innovation Centre.

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## **Consent Form**

### **[To be submitted along with Synopsis]**

I \_\_\_\_\_ enrolment no. \_\_\_\_\_ is a Ph. D. Scholar in Faculty of \_\_\_\_\_ Department of \_\_\_\_\_, has given the open pre-synopsis examination held at Research, Development and Innovation Centre, C. U. Shah University on \_\_\_\_\_. As per the comments received after the examination, I have incorporated the required changes/corrections in my Synopsis and Thesis as well with due consent of my Supervisor (and Co-supervisor).

I have published \_\_\_\_\_ research paper(s) in peer reviewed/refereed International or National journal(s) of repute and have present/publish\_\_\_\_\_ paper(s) in International or National conference(s) along with the name of my supervisor (and co-supervisor).

Date :

Name and signature of Candidate :

Forwarded through :

(1)Name and signature of Supervisor :

(2)Name and signature of Co-supervisor/External Supervisor :



**Certificate for Fees:  
[To be submitted along with Synopsis]**

This is to Certify that Mr./Ms./Mrs. \_\_\_\_\_

Faculty of: \_\_\_\_\_ (Branch) \_\_\_\_\_

Ph.D. Research Scholar of Batch \_\_\_\_\_ Enrollment No. \_\_\_\_\_

has paid the fees as per following:

Term	Amount (Rs.)	DD / Cheque No.	Date
1			
2			
3			
4			
5			
6			
Thesis Adjudication			

**Signature of Candidate with Date:** \_\_\_\_\_

**For Office Use**

**Name of the Verifier (Account Officer):** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_



## Annexure - B

### 1.1 For Submission of Thesis

1. The thesis shall be written in English except language subjects like Gujarati, Hindi etc.
2. The format of the thesis shall be according to the Annexure C.
3. The candidate shall submit two copies of the thesis and a soft copy (in CD which contains single file of full thesis as well as chapter wise / section wise file) after the completion of a period of one month and before six months from the date of submission of the synopsis. If a candidate does not submit his/her thesis within six months from the date of submission of synopsis, (s)he has to apply for an extension (of a maximum period of six months) with prescribed fine for late submission to the Director through the supervisor. Director will present the same to the RDI Committee for approval. If the candidate fails to submit the thesis within the extended period, then his/her registration will be deemed to be cancelled.
4. Every research Scholar must check his/her thesis report with reputed anti-plagiarism software like “Turnitin” or “iThenticate” or “URKUND” and must submit the certificate of plagiarism check along with the thesis report. The similarity index less than or equal to 10% ( 10%) will be required and will be allowed accordingly.
5. The Research Scholar shall submit all the necessary documentation for the research work, as stated above, along with copies of the papers published / accepted for publication and produce evidence of publication with ISSN/ISBN numbers including acceptance letters from the publishers or copies of publications.

### 1.2 Adjudication of Ph. D. Thesis

1. A panel of 8 External reputed Referees shall be recommended as per Annexure D to Director, P. G. Studies and Research for the approval of the Provost, by the Supervisor for adjudicating the thesis along with last five Research Papers (for each referee) in relevant fields. Out of 8 External Referees, 4 should be from Gujarat state (Except Surendranagar district) and 4 should be from outside Gujarat state (within India and/or Abroad) each from well reputed institutes and universities of India and abroad. If thesis is written in regional language i.e. Gujarati and if outside Gujarat state referees are not found then supervisor can submit the panel from Gujarat state only.
2. Director upon his satisfaction shall forward it to the Provost for choosing two external referees consisting of one each from Gujarat and India/abroad. The Provost will have a look at the list of names on the Panel. Then he will select two referees (one from



each category) to adjudicate the thesis as external examiners. The acceptance from these two referees will be deemed fit to start the examination process.

3. If the acceptance to examine is not received from both or either of the referees within 30 days, the Provost may select additional referee(s) to work as external examiner. If required, an additional panel of names from the Supervisor(s) may be invited.
4. The referees are expected to send their reports in the prescribed form within two months from the date of receipt of the thesis. In the case of undue delay in receiving the report from the referee, the Director shall refer the thesis to the second examiner appointed by the Provost after waiting for 3 months and ensuring that the first examiner is not going to respond within a reasonable period of time.
5. The Director should convey to the referees that their reports should include;
  - a. A critical survey and evaluation of the quality and quantity of the work as embodied in the thesis,
  - b. Questions, if any, to be asked or points to be clarified at the viva-voce examination, and
  - c. A definite recommendation as to whether the thesis is acceptable for the award of the degree of Doctor of Philosophy.
6. A thesis may be considered acceptable for holding the viva-voce examination if both the referees give positive recommendations. If one of them accepts and the other rejects the thesis, as it is, shall be referred to a third referee chosen from the panel of examiners by the Provost.
7. Whenever a thesis is referred to a third referee the comments of the Research Supervisor point by point for the queries by the first two referees should also be reported to the evaluation committee. This committee however be the final authority in deciding whether the thesis be accepted for the award of the degree.
8. If the referee(s) recommend acceptance of the thesis subject to minor modifications only, the thesis can be resubmitted only once after incorporating the modifications, within a period of six months. The thesis so resubmitted shall be examined by the same referee(s).
9. A thesis rejected by two referees may be resubmitted after revision, not earlier than one year and not later than two years from the date of such intimation to the candidate. The thesis so resubmitted may be examined by the same referees or by new referees as recommended by evaluation committee.

Rejection of the thesis so resubmitted will disqualify the candidate from further consideration for the award of the Ph. D. degree, in the topic of research chosen by him/her.



10. A candidate, whose thesis has been accepted for the award of the Ph. D. degree, shall be required to defend his work at an open viva-voce examination conducted by Board of Examinations at RDI Centre of C. U. Shah University.

The Board of Examiners shall be appointed by the Provost and it shall consist of,

- a. A professor of the institute, outside the department
- b. The research Supervisor/Co-Supervisor (External Supervisor)
- c. A faculty member of the department conversant with the subject to act as an internal examiner and
- d. One of the referees, failing which an examiner from the approved panel.

11. The Board of Examiners shall submit its report in the prescribed form.

12. After satisfactory completion of the viva-voce examination, the degree may be conferred upon the candidate after approval by the Provost.

13. If a thesis has been accepted but the candidate fails at the viva-voce examination, (s)he may be permitted by the Provost to re-appear for viva-voce examination again at a later date. The recommendations of the Board of Examiners conducting the viva-voce examination shall be considered in taking a decision in this respect.

14. After successful completion of the viva-voce examination, the candidate shall submit to Director (P. G. Studies and Research) two copies of his approved thesis (with soft copy in CD which contains single file of full thesis as well as chapter wise / section wise file) with the application for submission of the same in the prescribed format forwarded through the supervisor(s).



## **Annexure - C**

### **1. FORMAT of the Ph. D. THESIS**

The final thesis shall be submitted in accordance with the following specifications, except in special cases in which concerned supervisor/dean is satisfied that it will not be possible to comply with the requirements of these rules:

#### **1.1 Paper**

##### **1.1.1 Quality**

The thesis shall be printed/xeroxed on white paper, whiteness 95% or above, weight 70 gram or more per square meter.

##### **1.1.2 Size**

Size of the paper shall be A4 (210 mm x 297 mm) except for maps, drawing, graphs on which no restriction is placed.

#### **1.2 Type-setting, Text processing and Printing**

- The text shall be printed employing LaserJet printer, the text having been processed using a standard text processor.
- The standard font shall be Times New Roman of 12 pts with 1.5 line spacing. Fancy fonts should be avoided for text writing.

#### **1.3 Page Format**

- The text shall be typed on one side or double side of the paper leaving a margin of;
  - a. For single side printing: 4 cm on left hand side and 3 cm on right hand side as well as 3 cm at top and 3 cm at bottom.
  - b. For double side printing :  
For odd number pages : 4 cm on left hand side and 3 cm on right hand side as well as 3 cm at top and 3 cm at bottom.  
For even number pages : 3 cm on left hand side and 4 cm on right hand side as well as 3 cm at top and 3 cm at bottom.

#### **1.4 Header and Footer**

- Page numbering in the text of the thesis shall be Times New Roman of 10 pts at the center of the footer.
- Header can have the Chapter title on odd and even numbered page.



## 1.5 Pagination

- Page number for the first page of each chapter shall not appear in print, next page onwards will bear the page number.
- Pagination for pages before the first chapter shall be in lower cases Roman numbers e.g., “iv”.

## 1.6 Paragraph Format

- Paragraph shall be in justify mode.
- The first line of each paragraph should normally be indented by five characters or 12 mm. A candidate may, however, choose not to indent if (s)he has provided sufficient paragraph separation.
- Vertical space between paragraphs shall be about 2.5 line spacing.
- Paragraph should normally comprise more than one line.
- A single line of a paragraph shall not be left at the top or bottom of a page.

## 1.7 Chapter and Section Format

### 1.7.1 Chapter

- The subsequent chapters shall begin on a fresh page (fresh odd number page in case of double sided printing). When header style is chosen the first page of each chapter will not have the header.
- Chapter number and title shall be printed at the center of the line in 16 pts in bold face using both upper and lower case (all capitals or small capitals shall not be used). A vertical gap of about 25mm shall be left between the Chapter number and Chapter title lines and between Chapter title line and the first paragraph.

### 1.7.2 Sections and Sub-sections

- A Chapter can be divided into Sections, Sub-sections and Sub-sub-sections so as to present different concepts separately e.g. 3.2 for the second section in Chapter 3, 3.2.4 for fourth sub-section in second section of Chapter 3 and 3.2.4.1 for the first sub-sub-section in fourth sub-section in second section of Chapter 3.
- The Section and Sub-section titles along with their numbers in 14 and 12 pts fonts respectively in bold face shall be flushed to the left (not centered) with 10mm space above and below these lines.
- The Sub-sub-section shall be in normal fonts.

### 1.8 Table and Figure Format

- As far as possible tables and figures should be presented in portrait style. Small size tables and figures (less than half of writing are of a page) should be incorporated within the text, while larger ones may be presented on separate pages. Table and Figure shall be numbered chapter-wise in bold face. For example, the second figure in chapter 3 will bear the number Figure 3.4 or Fig. 3.4.

Example for Table,

Table 2.5 Result summary of FEA for hollow cylindrical roller bearing


Example for Figure,

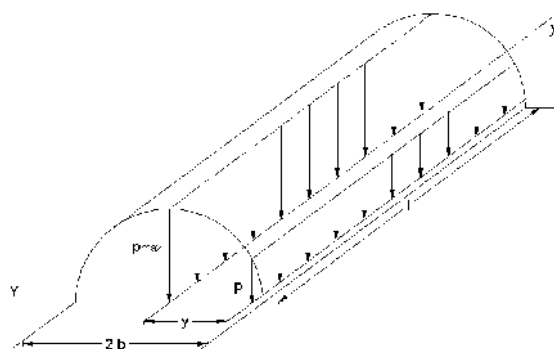


Fig. 3.4 Semielliptical surface compressive stress distribution of ideal line contact

- Table number and title will be placed above the table, while the figure number and caption will be located below the figure. Reference for Table and Figure reproduced from elsewhere shall be cited.

### 1.9 Equation/Formula

Use Arabic numerals with single decimal right justified (<Chapter Number>.<Equation serial Number>)

$$f(x) = a_0 + \sum_{n=1}^{\infty} \left( a_n \cos \frac{n\pi x}{L} + b_n \sin \frac{n\pi x}{L} \right) \quad (2.1)$$

The equation should be referred in the text of thesis as Eq. (2.1).

### 1.10 References

The citation and referencing in the thesis should be as per any one of the internationally accepted Referencing System (Harvard System/APA System/Vancouver





System/Oxford/Footnote.....etc)

**Note:** It is compulsory that a particular referencing system adopted is consistently used throughout in the thesis.

*A sample Citation/Reference as per Harvard system is given below as a general guideline.*

### **Citing References in Text**

Single author: Albert (2007) developed this method of ..... Subsequently other researchers have adopted this technique (Premkrishna, 2009; Bhaskar, 2010).

Two Authors: Albert and Ram (2008) developed the model of ..... Subsequently other researchers adopted this technique (Premkrishna, 2009; Rao and Ram, 2011)

Multiple Authors: Ram et al. (2008) has developed a model....the efficiency of such model is questioned by many researchers further (Premkrishna et al., 2009; Robert, 2010)

When many authors are cited in sentence it is given as .....Similar work was also proposed by Singh and Robin (2008); Ram et al. (2009); Prakash (2011).

More than one paper by the author in the same year: Albert (2007a) developed...

### **Sample Referencing as per Harvard System (Only as a general Guideline)**

#### **REFERENCES**

1. Adair, J. (1988) *Effective time management: How to save time and spend it wisely*, London: Pan Books.
2. Kania, L. (2006) 'Modeling of Rollers in Calculation of Slewing Bearing with the use of Finite Elements', *International Journal of Mechanism and Machine Theory*, vol. 41, March, pp. 1359 – 1376.
3. Ram, R. and Peter, K. (2005) 'Risk assessment of Australian domestic violence', *The Australian Feminist Law Journal*, vol. 5, August, pp. 100-105.



## **Format of Referencing from various sources (Harvard Referencing System)**

### **1. Journal article**

Kania, L. (2006) 'Modeling of Rollers in Calculation of Slewing Bearing with the use of Finite Elements', *International Journal of Mechanism and Machine Theory*, vol. 41, March, pp. 1359 – 1376.

Ram, R. and Peter, K. (2005) 'Risk assessment of Australian domestic violence', *The Australian Feminist Law Journal*, vol. 5, August, pp. 100-105.

Ram, R., Krishna, S. and Peter, K. (2005a) 'Differential rectification using control points', *International Journal of Geoscience and Remote sensing*, vol. 3, August, pp. 10-18.

Ram, R., Krishna, S. and Peter, K. (2005b) 'Differential rectification using multiple control points', *IEEE Transactions on Geoscience and Remote sensing*, vol. 4, August, pp. 203-215.

### **2. Journal article with both volume and issue number**

Kania, L. (2006) 'Modeling of Rollers in Calculation of Slewing Bearing with the use of Finite Elements', *International Journal of Mechanism and Machine Theory*, vol. 41, no. 2, March, pp. 1359 – 1376.

Muller, V. (1994) 'Trapped in the body: Transsexualism, the law, sexual identity', *The Australian Feminist Law Journal*, vol. 3, no. 2, August, pp. 103-107.

### **3. Journal article from CD-ROM, electronic database, or journal**

Skargren, E.I. & Oberg, B. (1998) 'Predictive factors for 1-year outcome of low-back and neck pain in patients treated in primary care: Comparison between the treatment strategies chiropractic and physiotherapy', *Pain* [Electronic], vol. 77, no. 2, pp. 201-208, Available: Elsevier/ScienceDirect/ O304-3959(98)00101-8, [8 Feb 1999].

### **4. World Wide Web page**

Young, C. (2001) *English Heritage position statement on the Valletta Convention*, [Online], Available:  
<http://www.archaeol.freeuk.com/EHPositionStatement.htm> [24 Aug 2001].



## 5. Book with one author

Adair, J. (1988) *Effective time management: How to save time and spend it wisely*, London: Pan Books.

## 6. Book with two authors

McCarthy, P. and Hatcher, C. (1996) *Speaking persuasively: Making the most of your presentations*, Sydney: Allen and Unwin.

## 7. Book with three or more authors

Fisher, R., Ury, W. and Patton, B. (1991) *Getting to yes: Negotiating an agreement without giving in*, 2<sup>nd</sup> edition, London: Century Business

## 8. Book with an editor

Danaher, P. (ed.) (1998) *Beyond the ferris wheel*, Rockhampton: CQU Press.

## 9. Chapter in a book written by someone other than the editor

Byrne, J. (1995) 'Disabilities in tertiary education', in Rowan, L. and McNamee, J. (ed.) *Voices of a Margin*, Rockhampton: CQU Press.

## 10. Online Books

Perfect, T.J. and Schwartz, B. L. (Eds.) (2002) *Applied metacognition*, Retrieved from <http://www.questia.com/read/107598848>.

## 11. PhD Thesis

Mack, S. (2000) 'Desperate Optimism', PhD Thesis, University of Calgary, Canada.

## Non Paper Materials

The inclusion of non-paper materials like CD etc. must be indicated in the Table of Contents. All non-paper materials (in a closed cover firmly secured to thesis) must have a label each clearly indicating the name of the candidate, student ID number and the date of submission.



## 2. Organisation of the Ph. D. THESIS

### 2.1 Layout of Thesis

Following layout of the thesis may be normally adopted for the Ph. D.

1. Cover page (Specimen A)
2. Title page (Specimen B)
3. Approval Sheet (Specimen D)
4. Candidate' Declaration (Specimen E)
5. Certificate from the Supervisor (Specimen F)
6. Certificate from the Co-Supervisor (External Supervisor) (Specimen G)
7. A copyright transfer certificate (Specimen H)
8. Acknowledgments
9. Contents
10. List of Symbols, figures and tables, If any
11. Preface of thesis
12. Introduction
13. Literature review
14. Chapters covering the work of the candidate
15. Conclusion
16. Scope for the Future work
17. References
18. Appendices
19. List of paper communicated/ accepted/ published/ presented

### 2.2 Binding

2.2.1 Candidates should submit final hard bound copies of the thesis in the following specific colours on cover page.

- Faculty of Technology and Engineering : Black
- Faculty of Pharmaceutical Sciences : Light Green
- Faculty of Management Studies : Brown
- Faculty of Computer Sciences : Light Blue
- Faculty of Science : Violet
- Faculty of Commerce : Pink
- Faculty of Education : Yellow
- Faculty of Law : White
- Faculty of Social Work : Silvery White
- Faculty of Arts and Humanities : Grey
- Faculty of Nursing : Red



## 2.2.2 Cover page and Title page

As per Specimen A and B

## 2.2.3 Lettering

All lettering shall be embossed in gold.

## 2.2.4 Spine

The degree, the name of candidate and the year of submission shall also be embossed on the spine of the thesis in gold. (see Specimen C)

(Specimen A and B – Cover page and Title page)

# **Title of the Thesis**

**Submitted in  
partial fulfillment of the requirements  
of the degree of**

**DOCTOR OF PHILOSOPHY**

**in  
Faculty of  
and Department of**

**By  
Name of candidate  
(Enrollment Number)**

**Under the Supervision of**

**Name of Supervisor  
Supervisor  
and  
Name of Co-Supervisor  
Co-Supervisor**



**C. U. SHAH UNIVERSITY**

**WADHWAN CITY**

**Month and Year of Submission**

**(Specimen C - Spine of the Thesis)**

**Ph. D. Thesis**

**Name of Candidate**

**Month - Year**

(Specimen D)

Research, Development and Innovation Centre

C. U. Shah University

Wadhwan City

Year

## APPROVAL SHEET

Thesis Entitled

By

Name of Candidate

(Enrollment Number)

is approved

for the degree of

DOCTOR OF PHILOSOPHY

In

Faculty of

and Department of

### **Board of Examiners**

Chairman : \_\_\_\_\_

Examiners : 1. \_\_\_\_\_

2. \_\_\_\_\_

Supervisor : \_\_\_\_\_

Co-Supervisor: \_\_\_\_\_

Date :

Place : Wadhwan City



(Specimen E)

## CANDIDATE'S DECLARATION

I, ....., certify that the work embodied in the Ph.D. thesis is my own bonafide work carried out by me under the supervision of ..... and the co-supervision of ..... for a period of ..... from ..... to ..... at C. U. Shah University in the Faculty of ..... and in Department of ..... The matter embodied in this Ph.D thesis has not been submitted for the award of any other degree/diploma in any University.

I declare that I have faithfully acknowledged given credit to and referred to the research workers wherever their work have been cited in the text, tables, figures and the body of the thesis. I further certify that I have not willfully lifted up some other's work, para, text, data, results, etc. reported in the journals, books, magazines, reports, dissertations, thesis, etc. or available at websites and included them in this Ph. D thesis and cited as my own work. I solely own the responsibility for the originality of the entire content. I certify that I have read and followed UGC rules and regulations of Ph. D.

Date: .....

(Signature of the candidate)

Place:- Wadhwan city, Gujarat

(Name of the candidate)

(Specimen F)

## CERTIFICATE

It gives me immense pleasure in certifying that the thesis entitled “.....  
.....(Title of thesis) ” submitted by.....(Name  
of candidate) is based on the research work carried out under my guidance. He/She has  
completed the following requirements as per Ph.D. regulations of the University and UGC;

- Course work as per the university and UGC rules.
- Residential requirements of the university.
- Regularly submitted Half Yearly Progress Report.
- Published /accepted minimum of two research paper in a referred research journal. I  
recommend the submission of thesis.
- I approve that, this research work is an original and innovative work, and less than or  
equal to 10% plagiarism.

Date:- .....

Place:-

(Name of Supervisor)

(Designation)

(Seal)

(Specimen G)

## CERTIFICATE

It gives me immense pleasure in certifying that the thesis entitled “ .....  
.....(**Title of thesis**) ” submitted by.....(Name  
of candidate) is based on the research work carried out under my guidance. He/She has  
completed the following requirements as per Ph.D. regulations of the University and UGC;

- Course work as per the university and UGC rules.
- Residential requirements of the university.
- Regularly submitted Half Yearly Progress Report.
- Published /accepted minimum of two research paper in a referred research journal. I  
recommend the submission of thesis.
- I approve that, this research work is an original and innovative work, and less than or  
equal to 10% plagiarism.

Date:- .....

Place:-

(Name of Co-Supervisor/External Supervisor)

(Designation)

(Seal)

(Specimen H)

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Applicable for the Students registered from \_\_\_\_\_'20\_\_ and onwards  
APPOINTMENT OF **TWO EXTERNAL EXAMINERS** TO EVALUATE THE THESIS FOR THE  
**DEGREE OF PH.D., C.U. SHAH UNIVERSITY**