



St. Joseph University

Virgin Town, Ikishe Model Village
Dimapur, Nagaland

GUIDELINES FOR PREPARATION OF THESIS/DISSERTATION REPORT FOR POST GRADUATE

1. NUMBER OF COPIES TO BE SUBMITTED:

Three copies of the Report are to be submitted to the Department where the student is studying (one copy each to student, supervisor and Department/Main library.)

2. ARRANGEMENT OF CONTENTS:

The sequence in which the project report material should be arranged and bound should be as follows:

1. Title Page
2. Bonafide Certificate
3. Acknowledgement (page No. should start from here. Ex. i)
4. Abstract
5. List of Tables (if any)
6. List of Figures (if any)
7. List of Symbols and Abbreviations(if any)
8. Table of Contents
9. Chapters
10. References
11. Annexures (if any)

The page No 1 should be started from 'Chapter- I '

3. SIZE OF REPORT, PAGE DIMENSIONS AND MARGIN:

The report shall have minimum of 70 pages and maximum of 120 pages.

The report should not exceed more than 120 pages.

The page Nos. from 'Acknowledgement' to 'table of contents' should be in lower case roman letters (i, ii, iii ..)

The actual page number should start from first page of Chapter 1 and should end with last page of the 'References'. In 'Annexures' copy of the publications, certificates from any company/organization (if any) shall be attached.

The dimensions of paper shall be A4 size (297 mm x 210 mm) of good quality white paper preferably not lower than 80 GSM.

The Report (at the time of submission) should have the following page margins:

Top Edge: One Inch or 25mm

Bottom Edge: One Inch or 25mm
Left Side: One Inch or 25mm
Right Side: One Inch or 25mm

Tables and figures should conform to the margin specifications. Large size figures should be reduced to the appropriate size before insertion.

One and a half line spacing should be used for typing the general text. The general text shall be typed in the **Font Style Times New Roman and Font Size 12.**

The title of the chapter/subtitle should be in Times New Roman and Font Size 12 with Bold

4. PAGE NUMBERING

All page numbers should be typed without punctuation on the right bottom of each page. The preliminary pages of the reports (Acknowledgement, to Table of Contents, etc.) should be numbered in lower case Roman numerals. Title Page, Bonafide Certificate need not to be numbered.

Pages number of main text i.e. Chapter 1 should start from 1. The entire page Nos. should appear at bottom right corner.

5. BINDING SPECIFICATIONS:

Thesis should be bound using flexible cover of thick art paper not less than 300 GSM with **printed sky blue background color (87CEEB). The text should be printed in navy blue color (000080).** Refer Annexure – I for the format for the cover.

6. REFERENCE FORMAT

JOURNAL ARTICLE:

with Single Author

Waldron, S 2008, '*Generalized Welch bound equality sequences are tight frames*', IEEE Transactions on Information Theory, vol. 49, no. 9, pp. 2307-2309.

with Two Authors

Conley, TG & Galeson, DW 1998, '*Nativity and wealth in mid-nineteenth century cities*', Journal of Economic History, vol. 58, no. 2, pp. 468-493.

with more than two Authors

Alishahi, K, Marvasti, F, Aref, VA & Pad, P 2009, '*Bounds on the sum capacity of Synchronous binary CDMA channels*', Journal of Chemical Education, vol. 55, no. 8, pp. 3577-3593.

The title of article should be in Italics

ONLINE JOURNALS, MAGAZINES, NEWSPAPERS

Koo, D. J., Chitwoode, D. D., & Sanchez, J. (2008). Violent victimization and the routine activities/lifestyle of active drug users. *Journal of Drug Issues/Nagaland Post/Indian Express*, 38, 1105-1137. Retrieved from <http://www.criminology.fsu.edu/~jdi/>

CHAPTER IN A BOOK

Booth-LaForce, C., & Kerns, K. A. (2009). Child-parent attachment relationships, peer relationships, and peer-group functioning. In K. H. Rubin, W. M. Bukowski, & B. Laursen (Eds.), *Handbook of peer interactions, relationships, and groups* (pp. 490-507). New York, NY: Guilford Press.

Note: Name of the book title in Italics

REPRINTED BOOK

Cottrell, S. (2003). (Title in Italics) *The study skills handbook* (2nd ed.). New York, NY: Palgrave Macmillan

EBOOKS WITH URL

Author, A. (YEAR). *Book title: Subtitle* (3rd ed.). Retrieved from http://url_of_ebook_database

MAGAZINE ARTICLE

Mathews, J., Berrett, D., & Brillman, D. (2005, May 16). Other winning equations. *Newsweek*, 145(20), 58-59.

NEWS PAPER ARTICLE

Mathews, J., Berrett, D., & Brillman, D. (2005, May 16). Other winning equations. *Nagaland Post*, 145(20), 58-59.

GOVERNMENT PUBLICATION

Print Version

Directorate of School Education (2004). Document title (in italics) *Performances of Government School in Nagaland*, Kohima, Nagaland, Heritage Publisher.

Electronic Version

Directorate of School Education (2004). Document title (in italics) *Performances of Government School in Nagaland*, (Pub no). Retrieved from http://www.nhlbi.nih.gov/health/prof/lung/asthma/asth_sch.pdf

CONFERENCE PROCEEDING PAPER WITH EDITORS

Riley, D 1992, 'Industrial relations in Australian education', in *Contemporary Australasian industrial relations*, proceedings of the sixth AIRAANZ conference, ed. D. Blackmur, AIRAANZ, Sydney, pp. 124-140.

CONFERENCE PROCEEDING PAPER WITHOUT EDITORS

Fan, W, Gordon, MD & Pathak, R 2000, 'Personalization of search engine services for effective retrieval and knowledge management', Proceedings of the twenty-first International conference on information systems, pp. 20-34.

WEBSITE

Australian Securities Exchange 2009, Market Information. Available from:
<http://www.asx.com.au/professionals/market_information/index.htm>. [5 July 2009].

PAPER IN CONFERENCE PROCEEDINGS ONLINE: ELECTRONIC DATABASE

Reference List & Notes

Balakrishnan, R. (2006, March). (Title in Italics) *Why aren't we using 3D user interfaces, and will we ever?* Paper presented at the IEEE Symposium on 3D User Interfaces. <http://dx.doi.org/10.1109/vr.2006.148>

CONFERENCE PAPERS: UNPUBLISHED

Santhanam, E., Martin, K., Goody, A., & Hicks, O. (2001, February). (title in italics) *Bottom-up steps towards closing the loop in feedback on teaching: A CUTSD project.* Paper presented at Teaching and Learning Forum - Expanding horizons in teaching and learning, New Delhi, India.

7. ACKNOWLEDGEMENT:

The “Acknowledgement” shall be brief and should not exceed one page, typed in 1.5 line spacing. The student’s signature shall be made at the right bottom above his / her name typed in capital letter.

8. TABLE OF CONTENTS:

The table of contents should list all the materials following it as well as any other materials which precede the same. The title page, Bonafide Certificate and declaration by scholar need not to be listed in the Table of Contents. (Refer Annexure - III.)

9. CITATION

The citation inside the text should be given in square bracket. The number in the square bracket represents the reference list number.

Example:

A variety of nonlinear median type filters such as weighted median [122], conditioned rank selection [24][44][48] and relaxed median [11] have been developed to overcome this drawback. In addition to this, many ordered statistics filters were developed to remove impulse noise like histogram based adaptive weighted-median filter [48], multiple-median related filter [74], Generalized trimmed mean filter [104], Block median filter [88], Rank order filter [90], Recursive minimum-maximum filter [120], Intensity spread based impulse detector for adaptive median filter [123], Similarity based recursive impulse detector and adaptive weighted-median filter [19],

Annexure - I

Format of Cover page

(The title page also in the same format but in black and white)

TITLE OF THESIS

 <1.5 line spacing><Bold>

A THESIS

SUBMITTED BY

NAME OF THE CANDIDATE

<Bold>

IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE OF

MASTER OF ARTS

ENGLISH

 <Bold>



DEPARTMENT OF ENGLISH

ST. JOSEPH UNIVERSITY

NAGALAND - 797115

<1.5 line spacing><Bold>

MONTH AND YEAR

<FontSize14>

Annexure - II

ST.JOSEPH UNIVERSITY, NAGALAND,797115

<Bold>

BONAFIDECERTIFICATE

<Bold>

This Thesis entitled “**BOLD WITH CAPS**” is the bonafide work of
<NAME OF THE CANDIDATE (Reg. No.:)> of DEPARTMENT OF
<DEPARTMENT NAME> who carried out under my supervision. It is
Certified further that to the best of my knowledge the work reported herein is not
the part of any other thesis/ dissertation.

<Double Spacing>

<Signature of HOD with Sign>

<Name of the HOD>

Head of Department
Department of English
St.Joseph University
Nagaland - 797115

<Signature of the supervisor with Sign>

<Name of the Supervisor>

<Designation>

Department of English
St.Joseph University
Nagaland – 797115

Date of Viva- Voce: _____

INTERNAL EXAMINER

Signature with Name

EXTERNAL EXAMINER

Signature with Name

Annexure - III
: (A typical specimen of Table of Contents)

TABLE OF CONTENTS

Acknowledgement	Page No. i
Abstract	ii
List of Tables	iii
List of Figures	
List of Symbols, Abbreviations	
 CHAPTER 1 INTRODUCTION	 1
1.1 Motivation	2
1.2 Objective of Thesis	3
1.3 Back Ground	4
1.3.1 Spatial Filters	4
1.3.2 Transform Domain filters	5
1.3.2.1 Fast Fourier Transform based Filtering	5
1.3.2.2 Wavelet Transform Domain Filtering	5
1.3.2.3 Wavelet Coefficient Model	7
1.4 Organization of Thesis	10
 CHAPTER 2 TITTLE	
 CHAPTER 3 TITTLE	
.....	
.....	
 6. REFERENCES	
 8. ANNEXURES	
All Main chapter -<size 12, Bold, Caps.)	

Annexure - IV

Model for List of Tables

No.	Description	Page No.
4.1	$ \bar{x} - m $ Values of different Standard Images	40
4.2	Decomposition and reconstruction Filter coefficients of “db4” Wavelet	42
4.3	Filter coefficients for image reconstruction of DDWT (synthesis filter)	44
4.4	PSNR values of denoised images using DDWT based Soft Thresholding Method	45
4.5	PSNR values of denoised images using DTCWT based Soft Thresholding Method	47
5.1	First Level Decomposition Filter Coefficients of DTCWT	49
5.2	Higher level Decomposition Filter Coefficients of DTCWT	54
5.3	First Level Reconstruction Filter Coefficients of DTCWT	55
5.4	Second Level Reconstruction Filter Coefficients of DTCWT	56
6.1	PSNR (in db) values of different denoised images using different wavelet	70

The following number for mat should be followed

First No. is Chapter Number (Page No. should be provided)

Second No. is the table number in the chapter

Example: 4.1

Chapter 4 . First table

Annexure - V

Model for List of Figures

No.	Description	Page No.
2.1	Localization of the discrete wavelets in the time-scale plane on a dyadic grid	20
2.2	Levels Wavelet Decomposition	23
2.3	Daubechies 4 Scaling function with two vanishing moments	25
3.1	Daubechies 4 Wavelet function with two vanishing moments.	31
3.2	Image decomposition by using DWT	32
3.3	Wavelet Filter bank for one-level image decomposition	41
3.4	Wavelet Filter bank for Image Reconstruction	43
4.1	SWT decomposition Filter Bank structure	44
4.2	SWT Reconstruction Filter Bank structure	
5.1	Dual Tree Complex Wavelet Transform Filter bank structure of two level Image Decomposition	45
5.2	Dual Tree Complex Wavelet Transform Filter bank structure of two level image Reconstruction	49

The following number format should be followed

First No. is Chapter Number (Page No. should be provided)

Second No. is the Figure number in the chapter

Example: 2.2

Chapter 2 . Second table

Annexure - VI

Model for List of Symbols and Abbreviations

$f(t)$	Signal
$\varphi(t)$	Scaling Function
$\psi(t)$	Wavelet Function
$X(i,j)$	Image Matrix
σ	Noise Variance
λ	Threshold Value
d_{jk}	Wavelet coefficient
m	Geometrical Mean
MRI	Magnetic Resonance Imaging
CT	Computer Tomography
RCM	Rank- Conditioned Median
FFT	Fast Fourier Transform
FIR	Finite Impulse Response
MSE	Mean Square Error
SURE	Stein's Unbiased Risk Estimator
GCV	Generalized Cross Validation
GGD	Generalized Gaussian Distribution
GMM	Gaussian Mixture Model

Annexure – VII

Equation Number Model

Let $f(t)$ be any square integrable function. The CWT of $f(t)$ with respect to a Wavelet $\psi(t)$ is defined as

$$w(a, b) = \int_{-\alpha}^{\alpha} f(t) \frac{1}{\sqrt{|a|}} \psi^* \left(\frac{t-b}{a} \right) dt \quad \dots (2.2)$$

Where a & b are real and $*$ denotes complex conjugation.

Eqn. 2.2 can be written in more compact form by defining $\psi_{a,b}(t)$ as

$$\psi_{a,b}(t) = \frac{1}{\sqrt{|a|}} \psi \left(\frac{t-b}{a} \right) \quad \dots (2.3)$$

Combining Eqns. 2.2 and 2.3,

$$w(a, b) = \int_{-\alpha}^{\alpha} f(t) \psi_{a,b}^* (t) dt \quad \dots (2.4)$$

It is noted that

$$\psi_{1,0}(t) = \psi(t) \quad \dots (2.5)$$

The normalizing factor of $1/\sqrt{|a|}$ ensures that energy stays same for all a and b ; that is,

$$\int_{-\alpha}^{\alpha} |\psi_{a,b}(t)|^2 dt = \int_{-\alpha}^{\alpha} |\psi(t)|^2 dt \quad \dots (2.6)$$

Equation should be properly numbered.

Example

2.5 first No. is Chapter No. Second one is the equation No.