



---

---

**Research Proposal /Synopsis Writing Guidelines of(Modern Medicine)**

(A) **Title page** : Should not exceed 1 (One) page with following sub-titles.

1. **Proposed topic of Research** : (Maximum 25 words) "Title Case", not lengthy.
2.
  - a) Name of candidate / Designation / Place of posting (if applicable)
  - b) Place of proposed research work and name of Organization / Institute / Department.
  - c) **Broad area and Specific area**: Pre clinical / Para clinical / Clinical. Mention specific subject area.
3.
  - a) Name of proposed supervisor (s).
  - b) Designation and name of organization / institute.

(B) **Summary** :Should not exceed 1 (One) page with following sub-titles.

1. **Background of present study** : ( Maximum 100 words). Expected to produce and original contribution by the candidate.
2. **Objective of proposed research** : ( Maximum 100 words)
3. **Methodology** : ( Maximum 100 words)
4. **Expected outcome** : ( Maximum 100 words)

(C) **Outline of proposed research topic (Synopsis format)** :

1. **Proposed topic of research: Specifying the area of work not too lengthy "Title Case"**.
2. **Objective of research**: General and specific (Write point wise)
3. Research Hypothesis
4. **Back ground of research** :
  - a) Rationale of study (Justification of present study)
  - b) Introduction
  - c) Review of literature (related publications)
  - d) Gap in existing research, Present status, unresolved issues if any.
  - e) Relevant and expected outcome of proposed study.
5. **Methodology** :Materials, methods and Logical plans to be followed for current research
  - a) Study design / Experiment design
  - b) Study setting and timelines
  - c) Place of study
  - d) Period of study
  - e) Study population
  - f) Sample size / design
  - g) Case, control required or not
  - h) Inclusion / Exclusion criteria
  - i) Study variables
  - j) Data collection and interpretation
  - k) Laboratory investigations, parameters and procedures
  - l) Outcome definition and parameters
  - m) Other issues relevant to research work

(All points may not be applicable for a particular research work.)



6. **Statistical analysis plan** : Organization in identifiable sections, study variables, statistical interpretation.
7. **Ethical clearance.**
8. **Work Plan** : Activity schedule of research work
9. **References:** (Minimum 12 – 20 ) Follow appropriate guidelines for citing references.

Sd/-  
Dean,WBUHS





THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD-36, Sector-I, Salt Lake, Kolkata 700 064

Website: [www.wbuhs.ac.in](http://www.wbuhs.ac.in)

Phone (EPBX): 2321-3461 Fax:2358-0100

---

## **Guidelines for Dissertation Writing of Modern Medicine, WBUHS**

### **1. Title Page**

- Title of the Dissertation
- Name of the candidate
- Name of the Guide & Co-Guide (if any)
- Course (e.g., MD, MS and DM, M.Ch)
- Institution Name
- Department
- Date of Submission

### **2. Certificates**

- Certification from the Guide & Co-guide
- Certification from the Head of the Department
- Certification from the Head of the Institution
- Certificate of IEC

### **3. Declaration**

- Declaration by the candidate about the originality of the work

### **4. Acknowledgements**

- Acknowledgment to those who the researchers want to

### **5. Table of Contents**

- List of all chapters, sections, and sub-sections with page numbers

### **6. Structured Abstract**

- Summary of the research (usually no more than 1000 words)

### **7. Chapter 1: Introduction**

- Background of the Study
- Research Problem
- Research Questions or Hypotheses
- Objectives of the Study
- Significance of the Study
- Scope and Limitations

### **8. Chapter 2 : Aims & Objectives of the study**

### **9. Chapter 3: Review of Literature**

- Introduction
- Historical Background
- Current Trends and Theories
- Review of Previous Research
- Summary of Gaps in the available knowledge base
- Conceptual Framework (if applicable)



#### **10. Chapter 4: Materials and Methods**

- Type of the study
- Study Design
- Setting
- Sampling procedure
- Sample Selection Criteria
- Sample Size
- Study Variable
- Instruments Used and Its Calibration/Standardization
- Data Collection Methods
- Flow diagram of the study procedure (if applicable)
- Statistical Analysis Methods
- Ethical Considerations

#### **11. Chapter 5: Results**

- Presentation of Data according to the stated objectives
- Related Tables & Diagrams
- Descriptive Analysis of Findings
- Inferential Statistics as Needed for the Generated Hypothesis
- Summary of Results

#### **12. Chapter 6: Discussion**

- Interpretation of Results
- Comparison with Previous Research findings
- Implications of Findings
- Limitations of the Study
- Recommendations for Clinical Practice and Future Research

#### **13. Chapter 7: Conclusion**

- Summary of Research
- Key Findings
- Contributions to Medical Knowledge
- Recommendations

#### **14. List of Additional Figures**

- List of all additional figures with titles and referred page numbers

#### **15. List of Additional Tables**

- List of all additional tables with titles and referred page numbers

#### **16. List of Abbreviations**

- List of all abbreviations and their meanings

#### **17. References**

- List of all sources cited in the thesis in Vancouver style

#### **18. Appendices**

- Supplementary material (e.g., questionnaires, schedule, consent form etc.)



## Formatting Guidelines

- **Font:** Times New Roman
- **Font Size:** 12 pt for main text, 14 pt for headings
- **Spacing:** Double-spacing for main text, single-spacing for footnotes and references
- **Margins:** 1.0 inch on all sides
- **Page Numbers:** Bottom centre or top right, in the same font as the text (Times New Roman, 12 pt)
- **Indentation:** First line of each paragraph should be indented by 0.5 inches
- **Alignment:** Text should be justified, not left-aligned

Sd/-  
**Dean, WBUHS**





THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD-36, Sector-I, Salt Lake, Kolkata 700 064

Website: [www.wbuhs.ac.in](http://www.wbuhs.ac.in)

Phone (EPBX): 2321-3461 Fax:2358-0100

---

## **Research Proposal / Synopsis Writing Guidelines of MDS,WBUHS**

- 1. TITLE PAGE**
- 2. FORM FOR SUBMISSION**
- 3. CERTIFICATE OF ETHICAL CLEARANCE**
- 4. CONTENTS**
- 5. SUMMARY**
- 6. OUTLINE OF PROPOSED RESEARCH TOPIC**
- 7. AIMS & OBJECTIVES :**
  - (a) General Objectives
  - (b) Specific Objectives
- 8. RESEARCH HYPOTHESIS :**
- 9. RATIONALE OF STUDY**
- 10. INTRODUCTION**
- 11. REVIEW OF LITERATURE**
- 12. MATERIALS & METHODS :**
  - (a) Study Design
  - (b) Study setting and timelines
  - (c) Place of Study
  - (d) Period of Study
  - (e) Study population
  - (f) Sample Size / Design
  - (g) Case, Control required or not
  - (h) Inclusion criteria
  - (i) Exclusion criteria
  - (j) Study variables
  - (k) Data Collection and interpretation
  - (l) Parameters in procedure
  - (m) Study Technique, Study Instruments, Outcome Definition, Work Plan etc.
- 13. REFERENCES & BIBLIOGRAPHY**
- 14. ANNEXURES**

Sd/-  
Dean, WBUHS





THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD-36, Sector-I, Salt Lake, Kolkata 700 064

Website: [www.wbuhs.ac.in](http://www.wbuhs.ac.in)

Phone (EPBX): 2321-3461 Fax:2358-0100

---

---

## Dissertation/ Thesis Writing Guidelines of MDS,WBUHS

1. TITLE PAGE
2. UNIVERSITY FORM FOR SUBMISSION
3. CERTIFICATE OF ETHICAL CLEARANCE
4. CERTIFICATES
5. ACKNOWLEDGEMENT
6. CONTENTS
7. INTRODUCTION
8. AIMS AND OBJECTIVES :

(a)General Objectives

(b)Specific Objectives

### 10.REVIEW OF LITERATURE

### 11.MATERIALS AND METHOD:

- (a) Study Design
- (b) Study setting and timelines
- (c) Place of Study
- (d) Period of Study
- (e) Study population
- (f) Sample Size / Design
- (g) Case, Control required or not
- (h) Inclusion criteria
- (i) Exclusion criteria
- (j) Study variables
- (k) Data Collection and interpretation
- (l) Parameters in procedure

### 12.RESULTS AND STATISTICAL ANALYSIS

### 13.DISCUSSION

### 14.SUMMARY AND CONCLUSION

### 15.BIBLIOGRAPHY

### 16.ANNEXURE

Sd/-  
Dean,WBUHS





---

**Research Proposal/Synopsis Writing Guidelines of MD-Homoeopathy, WBUHS**

**1. TITLE OF THE TOPIC:**

**2. INTRODUCTION:**

- a) Research question
- b) Hypothesis (Null and Alternative)
- c) Background and justification of the study

**3. AIMS AND OBJECTIVES:**

- a) Aim
- b) Objective
  - Primary
  - Secondary

**4. REVIEW OF LITERATURE:**

**5. MATERIALS AND METHOD:**

- a) Study design
- b) Study setting
- c) Sampling
- d) Sample size calculation
- e) Strategies for achieving adequate participant enrollment
- f) Inclusion criteria
- g) Exclusion criteria
- h) Discontinuation criteria
- i) Intervention
  - Experimental/Verum
  - Control/Comparator
  - Concomitant care
  - Strategies to improve adherence to intervention protocols





- j) Selection of tools
  - Primary outcome
  - Secondary outcome
  - Others
- k) Study flow diagram
- l) Procedure in brief
- m) Study outcomes
- n) Outcome measures
  - Primary
  - Secondary
- o) Data collection
- p) Data management
- q) Sequence of events/Gantt chart
- r) Statistical techniques and data analysis plan
- s) Ethical issues
- t) Record handling

## **6. REFERENCES:**

## **7. APPENDICES:**

- a) Participant information sheet
- b) Participant consent form
- c) Screening form
- d) Primary outcome assessment form
- e) Secondary outcome(s) assessment form
- f) Random number chart
- g) Case recording proforma



- h) Treatment record and follow-up sheet
- i) Adverse event reporting form
- j) Scientific review committee (SRC) approval certificate
- k) Institutional ethics committee (IEC) approval certificate

Sd/-  
Dean, WBUHS





THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD-36, Sector-I, Salt Lake, Kolkata 700 064

Website: [www.wbuhs.ac.in](http://www.wbuhs.ac.in)

Phone (EPBX): 2321-3461 Fax:2358-0100

---

### **Thesis/Dissertation Writing Guidelines of MD- Homoeopathy,WBUHS**

**The dissertation should be written under the following headings, namely:-**

- (a) Abstract;
  - (b) Introduction;
  - (c) Aim and objectives of study;
  - (d) Review of literature;
  - (e) Material and methods;
  - (f) Observation and result;
  - (g) Discussion;
  - (h) Conclusion;
  - (i) References; and
  - (j) Annexure or appendices.
- The written text of dissertation shall not be less than fifty pages and shall not exceed two hundred pages, excluding references, tables, figures and annexure. It should be neatly typed with double line spacing on one side of the bond paper (A4 size, 8.27” x 11.69”) and bound properly. Spiral binding should be avoided. The dissertation shall be certified by the guide and Co-guide (if any), Head of the Department and Head of the Institution.
  - A student shall adhere to plagiarism policy and the Copyright Act, 1957(14 of 1957) as amended from time to time, and give an undertaking in writing for the same.

Sd/-  
Dean,WBUHS





THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD-36, Sector-I, Salt Lake, Kolkata 700 064

Website: [www.wbuhs.ac.in](http://www.wbuhs.ac.in)

Phone (EPBX): 2321-3461 Fax:2358-0100

---

## **Guidelines for Research Proposal / Synopsis Writing of M.Sc. Nursing, WBUHS**

1. Introduction
2. Background & justification of the study
3. Problem statement
4. Objectives
5. Literature review (in brief)
6. Variables & Operational definition of terms
7. Research design
8. Settings
9. Population & Sample
10. Sampling techniques & Sampling criteria
11. Sample size calculation & feasible sample size
12. Data collection tools & techniques
13. Steps of Data collection (in brief)
14. Ethical consideration
15. Plan of Statistical analysis
16. Work plan (Gantt chart)
17. References

Sd/-  
Dean, WBUHS





**Guidelines for Dissertation Writing of M.Sc. Nursing, WBUHS**

Sl No.	Domains	Particulars
1.	Abstract	
2.	Introduction	a. Mention of lacunae in current knowledge. b. Justification of the present study. c. Hypothesis.
3.	Objectives	a. Expressed in observable & measurable (as far as practicable) b. Clarity & specificity.
4.	Review of literature	a. Relevance b. Completeness c. Current & up to date.
5.	Methods	a. Place of study & period of study mentioned. b. Type of study. c. Inclusion & Exclusion criteria d. Outcome parameters e. Study variables f. Sample size, sampling design related issues. g. Details of materials (apparatus used, laboratory tests etc.) & experimental design. h. Data collection methods & tools i. Statistical methods.
6.	Results	a. Logical organization in identifiable sections. b. Correctness of data analysis c. Appropriate use of tables, charts, graphs etc. d. Statistical interpretation.
7.	Discussion	a. Relevance b. Interpretation of results.
8.	Summary & Conclusion	a. Summary & conclusion
9.	Limitations if any	
10.	References	Citation style appropriate
11.	Enclosure / Annexure	a. Institutional ethics committee certificate, data Proforma/ questionnaire, consent form etc.



Sd/-  
Dean, WBUHS



---

**Research Proposal (Synopsis) Writing Guidelines of MD Ayurveda, WBUHS**

(A) **Title page** : Should not exceed 1 (One) page with following sub-titles.

1. **Proposed topic of Research** :(Maximum 25 words) “Title Case”, not lengthy.
2.
  - a) Name of candidate / Designation / Place of posting (if applicable)
  - b) Place of proposed research work and name of Organization / Institute / Department.
  - c) **Broad area and Specific area**: Pre clinical / Para clinical / Clinical. Mention specific subject area.
3.
  - a) Name of proposed supervisor (s) .
  - b) Designation and name of organization / institute.

(B) **Summary** : Should not exceed 1 (One) page with following sub-titles.

1. **Background of present study** :(Maximum 100 words). Expected to produce and original contribution by the candidate.
2. **Objective of proposed research** : (Maximum 100 words)
3. **Methodology** : (Maximum 100 words)
4. **Expected outcome** : (Maximum 100 words)

(C) **Outline of proposed research topic (Synopsis format)** :

1. **Proposed topic of research: Specifying the area of work not too lengthy “Title Case”**.
2. **Objective of research**: General and specific (Write point wise)
3. Research Hypothesis
4. **Back ground of research** :
  - a) Rationale of study (Justification of present study)
  - b) Introduction
  - c) Review of literature (related publications)
  - d) Gap in existing research, Present status, unresolved issues if any.
  - e) Relevant and expected outcome of proposed study.
5. **Methodology** : Materials, methods and Logical plans to be followed for current research
  - a) Study design / Experiment design
  - b) Study setting and timelines
  - c) Place of study
  - d) Period of study
  - e) Study population
  - f) Sample size / design
  - g) Case, control required or not
  - h) Inclusion / Exclusion criteria
  - i) Study variables
  - j) Data collection and interpretation
  - k) Laboratory investigations, parameters and procedures
  - l) Outcome definition and parameters
  - m) Other issues relevant to research work

(All points may not be applicable for a particular research work.)



6. **Statistical analysis plan** : Organization in identifiable sections, study variables, statistical interpretation.
7. **Ethical clearance.**
8. **Work Plan** : Activity schedule of research work
9. **References:** (Minimum 12 – 20) Follow appropriate guidelines for citing references.

Sd/-  
**Dean, WBUHS**





## **Thesis/Dissertation Guideline for MD-Ayurveda,WBUHS**

- 1. INTRODUCTION**
  - a) **BACKGROUND INFORMATION.**
  - b) **RESEARCH PROBLEM OR QUESTION.**
  - c) **OBJECTIVE OF THE STUDY.**
  - d) **SIGNIFICANCE AND MOTIVATION OF THE RESEARCH.**
- 2. LITERATURE REVIEW**
  - a) **OVERVIEW OF RELEVANT LITERATURE.**
  - b) **KEY THEORIES OR CONCEPTS WITH DETAILED ARGUMENT.**
  - c) **GAPS OR CONTROVERSIES IN THE LITERATURE.**
  - d) **THEORETICAL FRAMEWORK.**
- 3. METHODOLOGY**
  - a) **RESEARCH DESIGN.**
  - b) **DATA COLLECTION METHODS ADDRESSESING THE RESEARCH QUESTION.**
  - c) **SAMPLING TECHNIQUES.**
  - d) **DATA ANALYSIS PROCEDURES.**
- 4. RESULTS AND ANALYSIS**
  - a) **PRESENTATION OF FINDINGS IN LOGICAL ORDER WITH TABLES & FIGURES.**
  - b) **DATA ANALYSIS & INTERPRETATION.**
  - c) **DISCUSSION OF RESULTS IN RELATION TO RESEARCH QUESTION/HYPOTHESIS.**
- 5. DISCUSSION**
  - a) **INTERPRETATION OF THE RESULT HIGHLIGHTING THE MAJOR FINDINGS.**
  - b) **COMPARISON WITH EXISTING LITERATURE.**
  - c) **IMPLICATIONS AND SIGNIFICANCE OF THE FINDINGS.**
  - d) **LIMITATIONS OF STUDY.**
- 6. CONCLUSION**
  - a) **SUMMARY OF KEY FINDINGS.**
  - b) **CONTRIBUTIONS TO THE FIELD OF STUDY.**
  - c) **RECOMMENDATIONS FOR FUTURE RESEARCH.**
- 7. REFERENCE**
  - a) **CITATIONS OF ALL SOURCES USED IN THE THESIS.**
- 8. APPENDICES (IF APPLICABLE)**
  - a) **ADDITIONAL DATA OR SUPPLEMENTARY MATERIAL.**

Sd/-  
Dean,WBUHS







THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD-36, Sector-I, Salt Lake, Kolkata 700 064

Website: [www.wbuhs.ac.in](http://www.wbuhs.ac.in)

Phone (EPBX): 2321-3461 Fax:2358-0100

---

## Thesis/Dissertation Writing Guidelines of Allied & Paramedical Education

Dissertation is mandatory in Post-graduate subjects under Allied & Health Care Sciences. Each year of study is divided into two semesters of six month duration each; in which last semester of the final year or final Semester of study is exclusively for Dissertation work. However, activities of the Dissertation work should start in the beginning of the 1<sup>st</sup> month of the Final year.

### Time line

The activities for Dissertation in the ***Final year*** should be followed in the following manner:

Month 1: Submission of Concept Proposal (Synopsis) to the Department Research Committee (DRC)

Month 2: Submission of DRC Approved Concept Proposal (Synopsis) to the University for Approval by the Academic Committee of the University

Month 3: Approval/ Suggested Modifications of the Concept Proposal (Synopsis) by the University

Month 4: Final Approval of the Concept Proposal (Synopsis) by the University.

Month 7: Commencement of Dissertation Work

Month 10: Submission of Dissertation approved by the DRC to the University

### Concept proposal format (Format Attached)

- 1. Title:** A clear, concise and yet sufficiently descriptive and informative. Title may include study design such as randomized controlled trial; an observational study; a case-control study etc.
- 2. Rationale (up to 200 words):** Describe the current knowledge available on the subject area, critical gaps in knowledge, its relevance and application to local, national and international context and the research question which this project aims to address.
- 3. Introduction (upto 200 words):** Outline the contents of the proposal
- 4. Novelty/Innovation (up to 100 words):** Describe how the proposal challenges and seeks to shift the current research/knowledge/clinical practice paradigms etc. by utilizing novel theoretical concepts, approaches or methodologies, instrumentation, or interventions etc. Also mention preliminary work done by the applicant if any.
- 5. Aims and Objectives (upto 200 words):** Spell out aims and objective of the study
- 6. Proposal Description & Methodology (up to 500 words):** Describe study setting, study design, sampling strategy, sample size, brief methodology



7. **Expected outcomes**
8. **References (not more than 5 current references)**
9. **Feasibility:** Inter departmental/ Institutional Support
10. **Budget:**Expected expenses
11. **Source of funding, if any:** How to meet the projected expenses
12. **Timelines in Gantt chart**

### **Final Dissertation format (Format attached)**

Arrange your final Dissertation in “IMRaD” format, i.e. Introduction, Materials & Method, Result& Discussion. The dissertation should bear evidence of the candidate’s capacity for analysis and judgment as well as his ability to carry out independent investigation, design or development. It should be characterized by discovery of facts or fresh approach towards interpretation of facts and theories or significant contribution to knowledge or development or a combination of these.

All parts of dissertation must be free from plagiarism. A certificate from the Guide is mandatory for this purpose

Arrange Final Dissertation as follows:

1. **Title:**
2. **Certificates:** From Guide, co-Guide, HOD, Head of Institute, Ethics Committee Approval &Plagiariim free declaration
3. **Abstract:** Describe IMRaD logic in a nutshell within 250 words
13. **Literature Review:** Describe the current knowledge available on the subject area, on local, national and international context.
14. **Introduction:** Describe the current knowledge to identify critical gaps in knowledge, its relevance.
4. **Aims & Objectives:**Nurture research questions
15. **Materials & Methods:** Describe study site, study setting, study design, sampling strategy, sample size, materials used and detailed methodology
5. **Result:** Summarize findings with Tables and figures
6. **Discussion:** Explain results and how did you reach the aims and objectives; limitations of the study and future of this outcome.
7. **Conclusion: Identify major findings and its significance in 3 to 4 sentences**
8. **Summary:** Summarize your whole work point wise in IMRaD format within 2 to 3 pages
9. **Acknowledgement**
10. **Financial support declaration, if any**
11. **Conflict of Interest statement**
12. **References:** References in the entire text must be present with author and year (such as: Basu, 2024; Basu& Roy, 2024 or Basu et al, 2024) and finally present in Vancouver format.



### **Ethics Committee Approval**

Approval from Appropriate Ethics Committee prior to Commencement of Dissertation work is mandatory. Concerned Ethics Committee should follow ICMR guidelines for studies on Human subjects; CPCSEA guidelines for studies on laboratory animals; and DBT guidelines for studies on genetics and recombinant DNA related products.

### **Report submission**

One soft copy of all submission must be in online Mode in University Portal.

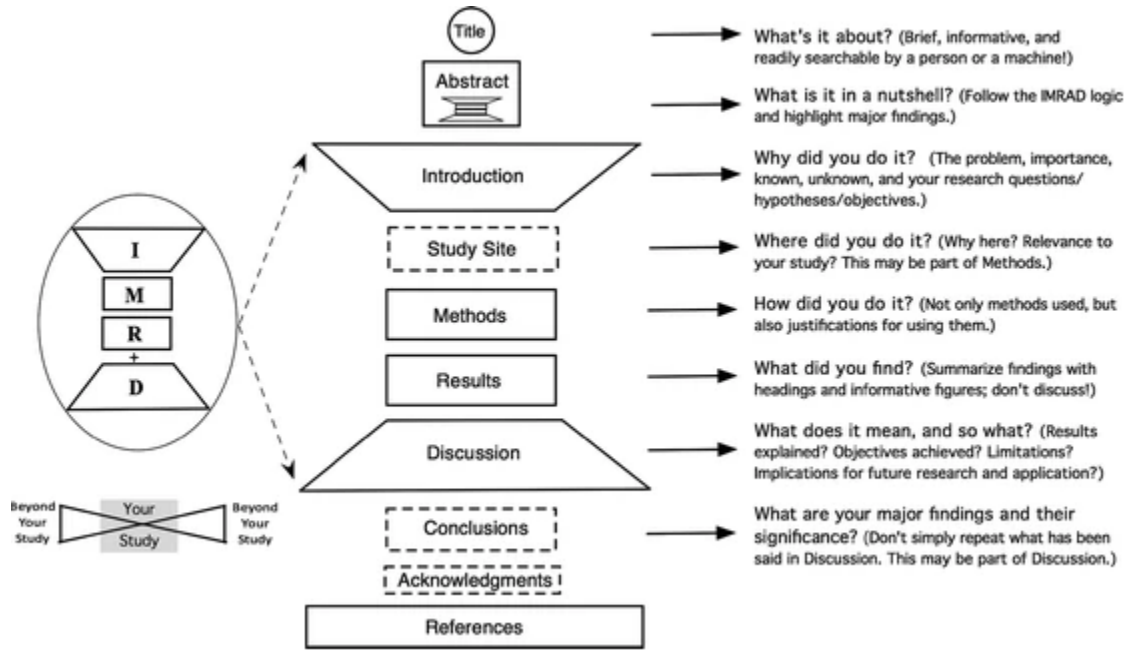
For Concept Proposal (Synopsis) one hard copy in binding form must be submitted

For final dissertation three (3) copies in hard cover binding and anothe softcopies in pen-drive must be submitted.

<b>Concept Proposal</b>	
<b>Name of Candidate</b>	
<b>Name of Guide</b>	
<b>Name of HOD</b>	
<b>Department , Institute</b>	
<b>Theme-</b>	
<b>Title of project -</b>	
<b>Rationale</b>	Why this topic is chosen?
<b>Introduction</b>	
<b>Novelty/ Innovation</b>	
<b>Aims &amp; Objectives</b>	
<b>Proposal description &amp; Methodology</b>	How would you proceed?
<b>Expected Outcome</b>	
<b>References</b>	Maximum 5 relevant references in Vancouver style
<b>Feasibility</b>	
<b>Budget</b>	
<b>Source of funding</b>	
<b>Time lines</b>	Separately submit in Gantt Chart format



## Dissertation Format



Sd/-  
Dean, WBUHS

