

.....TITLE OF THESIS.....



A
Thesis

Submitted to the
SANGAM UNIVERSITY

in the Partial Fulfillment of the Requirements for the Award of the Degree
of
DOCTOR OF PHILOSOPHY

in

-----<Name of Subject>-----
under the
School of -----

Submitted by
-----<Name of Research Scholar>-----
Enrolment No.:

Under the Supervision of
----- <Name of Research Supervisor(s)> -----
Designation
----- <Name of Department > -----

SANGAM UNIVERSITY BHILWARA
(RAJASTHAN)-311001 INDIA
Month, Year

INSTRUCTIONS:

****The Ph.D. Thesis shall be printed on both sides (double-sided) of A4-size paper using the formatting specifications prescribed by the University. The printing shall be clear, legible, and of high quality to ensure durability and ease of evaluation.**

1. Paper Size and Margins:

- (i) **Size:** Standard A4 / Quarter (8.3 x 11.7 inch or 210 x 297 mm) size.
- (ii) **Margins:** Left: 1.5 inch (3.81 cm), Right/Top/Below: 1.0 inch (2.54cm).
- (iii) **Orientation:** Portrait (preferred) / Landscape (where it is required).

2. Title:

- (i) **For English:** - Font Type: Times New Roman, Font Size: 18, **Bold**, Line Spacing: 1.15, **UPPERCASE**, Centrally Aligned.
- (ii) **For Hindi:** - Font Type: Mangal Unicode or Kruti Dev 010, Font Size: 20, **Bold**, Line Spacing: 1.15, Centrally Aligned.

3. Central Part:

- (i) **For English:** - Font Type: Times New Roman, Font Size: 14, Line Spacing: 1.15, Centrally Aligned.
- (ii) **For Hindi:** - Font Type: Mangal Unicode or Kruti Dev 010, Font Size: 12, Line Spacing: 1.15, Centrally Aligned.
- (iii) Font Size of **SANGAM UNIVERSITY** and **DOCTOR OF PHILOSOPHY** will be 16 (in English) and 18 (in Hindi).

4. Name & Address of the University:

- (i) **For English:** - Font Type: Times New Roman, Font Size: 24, **Bold**, **UPPERCASE**, Line Spacing: 1.15, Centrally Aligned.
- (ii) **For Hindi:** - Font Type: Mangal Unicode or Kruti Dev 010, Font Size: 26, **Bold**, Line Spacing: 1.15, Centrally Aligned.

5. Month, Year:

- (i) **For English:** - Font Type: Times New Roman, Font Size: 18, **Bold**, Lowercase, Centrally Aligned.
- (ii) **For Hindi:** - Font Type: Mangal Unicode or Kruti Dev 010, Font Size: 20, **Bold**, Centrally Aligned.

6. Color of the Cover Page:

Candidates should submit the thesis along with specific color on cover page which is notified by the University faculty wise as per the details given below:

- 1. School of Basic and Applied Sciences: **Light Blue**
- 2. School of Commerce and Management: **Light Cream**
- 3. School of Engineering and Technology: **Light Pink**
- 4. School of Legal Studies: **Black**
- 5. School of Arts and Humanities and School of Agriculture Science and Technology: **Dark Tan**
- 6. School of Pharmacy: **Green**

		CMYK CODE					
S.No	SCHOOL	C	M	Y	K	COLORS	
1	School of Basic and Applied Sciences	32	0	1	0	Light Blue	
2	School of Commerce and Management	0	6	25	0	Light Cream	
3	School of Engineering and Technology	0	28	24	0	Light Pink	
4	School of Legal Studies	0	0	0	100	Black	
5	School of Arts and Humanities and School of Agriculture Science and technology	40	42	78	12	Dark Tan	
6	School of Pharmacy	41	0	39	8	Green	

SANGAM UNIVERSITY

SUBMISSION OF THESIS

- The research scholar shall submit **two spiral-bound copies** of the Ph.D. thesis along with a soft **copy (PDF format)** to the Research & Development Cell for conducting the **Pre-Thesis Viva-Voce**.
- After the successful completion of the Pre-Thesis Viva-Voce, the scholar shall incorporate the suggestions and recommendations made by the Pre-Thesis Viva-Voce Committee, wherever applicable.
- Thereafter, the scholar shall submit **two spiral-bound copies** of the revised thesis, along with the prescribed documents, to the Research & Development Cell for **final thesis evaluation** by the examiners.

Upon receipt of the examiners' reports the scholar shall incorporate all corrections, modifications, and recommendations suggested by the examiners to the satisfaction of the Research Supervisor the scholar shall then submit **four hard-bound copies** of the final corrected thesis, together with the final soft copy in PDF format, to the Research & Development Cell.

CONTENTS OF THESIS

- **Cover Page**
- **Title Page**
- **Declaration** *(To be given by Research Scholar and certified by Research Supervisor)*
- **Certificate** *(To be given by Research Supervisor)*
- **Antiplagiarism Certificate**
- **AI Usage Declaration**
- **Please attach a Plagiarism Report and Plagiarism Certificate**
- **AI generated report**
- **Copyright Transfer Certificate**
- **Acknowledgement**
- **Abstract (300-500 words)**
- **Contents / Index**
- **List of Tables** **Page No.**
- **List of Figures**
- **List of Abbreviations**
- **Drawings / Illustrations, Maps, etc. if any**

- Chapters --
 - Research Publications in Referred Journals --
 - Paper Presentations in Conferences / Seminars --
- Conferences / Seminars / Webinars etc. Attended --
- **Chapter Wise Details**

- Chapter 1: Introduction

(Background of the Study, Statement of the Problem, Research Gap, Objectives of the Study, Research Questions/Hypotheses (where applicable), Scope and Limitations, Significance of the Study, Organization of the Thesis)

- Chapter 2: Literature Review

(Theoretical and Conceptual Background, Review of Related Literature, Critical Analysis of Previous Studies, Research Gap, Summary)

- Chapter 3 Research Methodology/Materials & Methods

(Research Design, Materials and Methods, Data Collection Procedures, Research Tools and Techniques, Data Analysis Methods, Validation Techniques)

- Chapters.../Proposed framework/design/ experimental work

(Content and number of chapters in the thesis should be as recommended by RAC and as per the requirements of the area specific)

- Results and Discussion
 - Conclusions and Future Scope

- **References/Bibliography**
- **Research Publications in Refereed Journals (with Reprints)**
- **Paper Presented in Conferences/Seminars (with Abstracts and Certificates)**

- **Conferences / Seminars / Webinars etc. Attended (with Certificates)**

NOTE: The chapterization of the Ph.D. thesis shall be determined by the nature and requirements of the research. Normally, a **five to six chapter format shall be followed for Non-Engineering disciplines, whereas a six to eight-chapter format may be adopted for Engineering and Technology disciplines.** However, the University may permit suitable modifications in the chapter structure based on the recommendations of the Research Advisory Committee (RAC) and the approval of the Competent Authority.

Important Instructions:

1. Paper Size and Margins:

- (i) **Size:** Standard A4 / Quarter (8.3 x 11.7 inch or 210 x 297 mm) size except maps, drawing, graphs, etc.
- (ii) **Margins:** Left: 1.5 inch (3.81 cm), Right/Top/Below: 1.0 inch (2.54cm).
- (iii) **Orientation:** Portrait (preferred) / Landscape (where it is required).

2. Typing Work: The text must be typed on double side of the **Executive Bond** paper (back-to-back i.e. both sides) using normal typeface / electronic typing / PC word processing.

3. Headings:

- (i) **For English:** Font Type: Times New Roman, Font Size: 14, **Bold**, Line Spacing: 1.15, Capitalize Each Word of Headings, Left Aligned.
- (ii) **For Hindi:** Font Type: Mangal Unicode/ Kruti dev 010, Font Size: 12, **Bold**, Line Spacing: 1.15, Left Aligned.

4. Running Part:

- (i) **For English:** - Font Type: Times New Roman, Font Size: 12, unbold, LineSpacing: 1.5, Justified.
- (ii) **For Hindi:** - Font Type: Mangal Unicode/ Kruti dev 010, Font Size: 10, Line Spacing: 1.5, Justified.

5. Figures and Tables:

- (i) Each figure must have a brief (one phrase or sentence) title that describes its contents. The title should follow the format "Figure 1: Figure Title". In the text, figures should be indicated by consecutive number as **Fig. 1, Fig. 2**, and so on.
- (ii) Each table must have a brief (one phrase or sentence) title that describes its contents. The title should follow the format "Table 1: Table Title". In the text, tables should be indicated by consecutive number as **Table 1, Table 2**, and so on.

6. References Writing:

Research scholar may be used **ANY ONE** of the following referencing styles during the citation and writing of references:

- (i) American Psychological Association (APA) Style
- (ii) Institute of Electrical and Electronic Engineers (IEEE) Style
- (iii) Modern Language Association (MLA) Style
- (iv) Chicago Manual of Style (CMS)
- (v) Harvard – Harvard Referencing Style
- (vi) Vancouver – Vancouver Referencing Style
- (vii) American Chemical Society Style (ACS)
- (viii) Council of Science Editors Style (CSE)
- (ix) American Mathematical Society Style (AMS)

CERTIFICATE

(To be given by the Research Supervisor)

I/ We feel great pleasure in certifying that the Ph.D. thesis entitled

.....

.....submitted by
Mr./Ms./Mrs. to the Sangam University in the partial
fulfillment of the requirements for the award of the degree of Doctor of Philosophy is based on the
research work carried out under my/our guidance.

He/ She has completed the following requirements as per UGC Regulations and research ordinance
of the University:

- (a) Satisfactory Completion of the Ph.D. Course Work.
- (b) Satisfactory Submission of Six Month Progress Reports in a Regular way.
- (c) Fulfillment of residential requirement of the Research Centre (*Minimum 200 Days*).
- (d) Presentation of research work before the Departmental Committee.
- (e) Publication of minimum two research papers in the referred research journal of national and international repute.
- (f) Two paper presentations in the Conferences/ Seminars.

I/We recommend the submission of the Ph.D. thesis and certify that it is fit to be evaluated by
the examiners.

Date:

Place:

Signature

Research Co-supervisor, if any

Signature

Research Supervisor

Forwarded by Dean/ Incharge

DECLARATION

(To be given by the Research Scholar)

I,....., hereby certify that the research work presented in my Ph.D. thesis entitled“..... which is carried out by me under the supervision of Professor / Dr.

... and submitted in the partial fulfillment of the requirement for the award of the degree of Doctor of Philosophy of the Sangam University, represents my ideas in my own words and where others' ideas or words have been included in this thesis, I have adequately cited and referenced the original sources.

The work presented in this thesis has not been submitted elsewhere for the award of any degree or diploma from any other institution or university in India or abroad. I declare that I have adhered to all the principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea / data / fact / source in my submission.

I understand that any violation of the above will cause disciplinary action by the University and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Date:

Place:

Signature

(Name of the Research Scholar)

This is to certify that the above statement made by Mr./Ms./Mrs.
..... (Enrollment Number) is correct to the best of my/our
Knowledge and belief.

Date:

Place:

Signature

Research Co-supervisor, *if any*

Signature

Research Supervisor

ANTI-PLAGIARISM CERTIFICATE

(To be submitted by the Research Scholar and countersigned by the Research Supervisor at the time of thesis submission)

This is to certify that the Ph.D. Thesis entitled:

..... submitted by

Mr./Ms./Mrs., enrolled under

Registration/Enrollment No., has been examined using an approved anti-plagiarism detection software/tool.

The Research Scholar hereby solemnly declares and undertakes that:

1. The thesis embodies original research work carried out by the Research Scholar and contains substantial new knowledge and contributions to the field of study.
2. All sources of information, ideas, data, figures, tables, illustrations, and text derived from published or unpublished works of other authors have been duly acknowledged and appropriately referenced in accordance with accepted academic standards.
3. No part of the thesis contains plagiarism, data fabrication, data falsification, misrepresentation, or any other form of academic misconduct or unethical research practice.
4. The research data, observations, analyses, interpretations, and conclusions presented in the thesis are true to the best knowledge of the Research Scholar and accurately represent the research work undertaken.
5. The thesis has been examined using software/tool and the similarity index has been found to be within the permissible limits prescribed under the applicable provisions of the University regulations, the University Grants Commission (UGC) Regulations, and subsequent amendments or guidelines issued from time to time.
6. The plagiarism detection report generated by the software/tool is enclosed with the thesis submission documents.
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Signature

Research Co-supervisor, if any

Signature

Research Supervisor

***Note:** **1. Please attach a Plagiarism Report**

2.Plagiarism Certificate

3. Attach AI generated report

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Research Scholar Name:

Copyright Transfer

The undersigned hereby assigns to the Sangam University all rights under copyright that may exist in and for the above thesis submitted for the award of the Ph.D. degree.

Signature of Research Scholar

Certificate by Supervisor Regarding accomplishment of Objectives

It is hereby certified that Mr. / Ms. _____ having Enrollment No. _____ has undertaken research work for the award of Ph.D. in _____ under my supervision. He/ She has achieved the desired objectives as laid down in the Synopsis to my satisfaction and also incorporated the suggestions / recommendations made during Pre-Ph.D. Viva held on _____.
He / She may be permitted to submit Final Thesis for onward evaluation by experts.

Signature : _____
Name of Supervisor : _____ **Designation** : _____ **Date** : _____

Forwarded Signature of Dean

Name : _____
Date : _____