

# **PREPARATION OF DISSERTATION**

**(M. Sc. Physics)**

## **INTEGRAL UNIVERSITY**

**Thesis Color (front and back): BLUE**

### **Writing format:**

- The dissertation should be typed in MS word format, Times New Roman (12 font size), 1.5 line spacing. Alignment should be in 'justify' mode.
- The main headings (Introduction, Review of Literature, Materials and Methods/Methodology, Results and Discussion, Summary and Conclusion, Bibliography) should be in Times New Roman (14 font size and bold). Sub-headings (or further subheadings) under each heading should be in Times New Roman (font size 12 and bold).
- Put page numbers in the entire project report on right bottom corner.

### **Page set up:**

- Left margin: 1.25" (it is more for binding)
- Right margin: 1.00"
- Top margin: 1.00"
- Bottom margin: 1.00"

### **Order or arrangement of pages (Start each heading from separate page):**

- (A) **TITLE PAGE** (one outside i.e., on the cover; same page inside as well before certificates)
- (B) **CERTIFICATE OF ORIGINAL WORK ( BY STUDENT)**
- (C) **CERTIFICATE BY THE SUPERVISOR**
- (D) **CERTIFICATE BY INTERNAL ADVISOR**
- (E) **CERTIFICATE BY HOD**
- (F) **ACKNOWLEDGEMENTS**  
Acknowledgement should be brief (in 1-2 pages)
- (E) **LIST OF ABBREVIATIONS**
- (F) **INTRODUCTION**

The introductory part should be brief and state precisely the aims and objectives of the study (4-5 pages).

**(G) REVIEW OF LITERATURE**

Review the literature should not exceed what is necessary to indicate the reason for the research undertaken and the essential background. The historical data should be presented with name of scientist and year of publication in brackets [in case of two authors write both the names followed by comma and year of publication (e.g., Khan MKA and Siddiqui MH, 2013); in case of more than two authors, write first author's name followed by *et al.* (in italics) followed by comma and year of publication (e.g., Khan MKA *et al.*, 2013)] (8-10 pages).

**(H) MATERIALS AND METHODS**

The materials used and procedures adopted should be clearly stated to enable other workers to repeat the work if necessary. New methods should be described in sufficient detail, but if the methods are clearly well recognized, a mere reference to them will do; modification(s) if any, should, however, be given (10-12 pages).

**(I) RESULTS AND DISCUSSION**

The results should be elaborate and well-written. Results can be presented in form of tables, figures, histograms, and photographs, etc. The discussion should deal with the interpretations of results without repeating information already presented under results. It should relate the new findings to the known and include logical deductions (10-15 pages, may exceed depending upon the work).

**(J) CONCLUSIONS**

The inference drawn from the study and any future prospect should be presented in this section (1-2 pages).

**(K) BIBLIOGRAPHY**

References to literature should be in the alphabetical order.

- In citing references to research papers use following pattern:

Names and initials of authors (no space between initials; write and before last name)

Year of publication (within small bracket)

Full stop

Full title of the paper

Full stop

The abbreviated title of the journal with dots after abbreviations (*italicized*)

The volume number of journal

Colon

Page numbers after one space.

For example: Khan MS, Khan MKA, Siddiqui MH and Arif JM (2011). An *in vivo* and *in silico* approach to elucidate the Tocotrienol-mediated fortification against infection and inflammation induced alterations in antioxidant defense system. *Eur. Rev. Med. Pharmacol Sc.* 15: 916-930.

- Reference to a book/proceedings should be written in the following order:

Names and initials of authors (no space between initials; write and before last name)

Year of publication in small brackets

Title of the article

Full stop

In:

Title of the book (*italicized*)

Comma

Name of publishers

Comma

Place of publication

Comma

pp.

Particular page numbers

For example: Madhav DG (1999) Bacterial infections. In: *Tropical molecular medicine*, Oxford University Press, New Delhi, pp. 90-99.

40-60 references

**Note:** URLs of any database/site/tool must be given within appropriate place of text.

**Note:** All are required to submit a copy of the certificate in original of their Project before obtaining the certificate from the Internal Advisor/H.O.D.

All the students are required to submit 3 copies of their thesis by incorporating all the instructions mentioned above.