

**Course Title:** Research Thesis  
**Code Number:** HPE-414  
**Credit Hours:** 03 hrs  
**Pre-Requisites course Requirement/Skills:** Nil

### **Objectives of Course**

At the successful completion of this course students will be able:

- 1) The student will get to know the theoretical bases for statistical analyses of results from empirical studies: the logical and philosophical bases of empirical research; probability; operationalization of psychological variables.
- 2) The main objectives of this course are to develop in students the ability to define and formulate research problems and questions and, where appropriate, formulate hypotheses that can be tested; and to enable students to understand the use of a range of methods and to be able to decide on appropriate research designs and methods to investigate their chosen research problems.

### **Course Contents**

#### **Unit-I Theory program**

- 1.1 The research problem, introduction, the objectives of the research, research questions and hypothesis.
- 1.2 Research methods.
- 1.3 Results and discussions.
- 1.4 Conclusions and recommendations.
- 1.5 literature, title and abstract.

#### **Unit-II Practical program**

- 2.1 Research problem, motivation, expertise, research topic and objectives.
- 2.2 Identification of the research method and approach applied in the research.
- 2.3 Tables, charts and figures to show research results.
- 2.4 Writing of conclusions for a research paper.
- 2.5 Writing of title and abstract for a research topic

### **Teaching Learning strategies**

- a) Inquiry based learning
- b) Cooperative Learning
- c) Multimedia usage
- d) Concrete examples
- e) Think -Pair-Share

### **Recommended Books**

1. Belcher, W.L. (2009). *Writing your journal article in twelve weeks: A guide to academic publishing success*. Thousand Oaks, California: Sage Publications, Inc.
2. Galvan, J. S. (2009). *Writing literature reviews: A guide for students of the social and behavioral sciences* (4th ed.). Glendale, CA: Pyczak Publishing. ISBN: 1-884585-86-8
3. Creswell, J. W. (2007). *Qualitative inquiry & research design: Choosing among five approaches* (2nd ed.). Thousand Oaks, California: Sage Publications, Inc. ISBN: 978-1-4129-1607-3.
4. Creswell, J.W. (2006). *Research design: Qualitative & quantitative approaches*. Thousand Oaks, CA: Sage.
5. Tabachnick, B.G., & Fidell, L.S. (2007). *Using multivariate statistics*. Boston: Allyn and Bacon. (o