

Top Margin 1.18 inch

**Pir Mehr Ali Shah**

**ARID AGRICULTURE UNIVERSITY RAWALPINDI**

Synopsis for PhD Degree in Computer Science

Select Major Subject

Title: **TITLE IN CAPITAL LETTERS**

Title Bold Capital Letters 12px Times New Roman Font

Name of the Student: Insert Student Name Here

Registration Number: XX-arid-XXX

Word -arid- in small letters. Date format should be same as shown.

Date of Admission: 28<sup>th</sup> September, 2016

Date of Initiation: 22<sup>nd</sup> December, 2016

Probable Duration: Two years

**SUPERVISORY COMMITTEE**

i) Supervisor

\_\_\_\_\_  
Supervisor Name Here

Width and position of the Signature line must be same for all signing bodies.

ii) Member

\_\_\_\_\_  
Member Name

Select Member or Co-Supervisor.

ii) Member

\_\_\_\_\_  
Member Name

iv) Member

\_\_\_\_\_  
Member Name

Right Margin 1.18 inch

Left Margin 1.5 inch

In All cases the total number of members are TWO. Select Empty if you don't have a co-supervisor.

Chairperson,  
Please Select Department or Institute

Dean,  
Please Select Faculty / Institute

Director,  
Advanced Studies

Select Dean or Director. Select Faculty or Institute.

Bottom Margin 1.18

**Pir Mehr Ali Shah**

**ARID AGRICULTURE UNIVERSITY RAWALPINDI**

Synopsis for PhD Degree in Computer Science

Title: **TITLE IN CAPITAL LETTERS**

Name of the Student:           Insert Student Name Here

Registration Number:       XX-arid-XXX

Date of Admission:       28<sup>th</sup> September, 2018

Date of Initiation:       22<sup>nd</sup> December, 2019

Probable Duration:       Two years

**SCRUTINY COMMITTEE**

i) Convener

Convener Name Here

ii) Member

\_\_\_\_\_

Member Name

ii) Member

Member Name \_\_\_\_\_

Chairperson,  
Please Select Department or Institute

Director,  
Advanced Studies

First heading should be Abstract.  
Heading Format: 14px Bold  
Capital Letters, center aligned.  
Student can write long abstract.

## ABSTRACT

Abstract text here. Student can write long abstract if required. Sample text-

Knowledge bases (KBs) contain rich information about the world's entities, their semantic classes, and their natural relationship. Knowledge bases (KBs) contain rich information about the world's entities, their semantic classes, and their natural relationship. Knowledge bases (KBs) contain rich information about the world's entities, their semantic classes, and their natural relationship.

**Keywords:** Keyword 1; Keyword 2; Keyword 3;

## INTRODUCTION

Information knowledge extraction and retrieval bases (KBs) contain rich about the world's entities, their semantic Speer and Havasi (2012) classes, and their natural relationship. These are proven resources for information i.e. ConceptNet, Cyc, Freebase, DBpedia, and Yago etc. ConceptNet is freely available semantic network of concepts to understand the meanings of those concepts. Speer and Havasi (2012) claimed that ConceptNet.

### Problem Statement

Problem statement, Objectives and Outcomes are subheadings of the introduction section.

### Objectives

This research has following objectives.

1. Objective 1.
2. Objective 2.
3. Objective 3.

### Outcomes

Paragraph:  
12px Times  
New Roman,  
Justified. Line  
Spacing 2.0.  
Every  
Paragraph  
should start  
with an  
indentation.

Sub heading:  
14px Bold  
Time New  
Roman,  
Sentence Case.  
Sub Heading  
do not have  
numbering.

Problem statement, Objectives and Outcomes are subheadings of the introduction section.

## REVIEW OF LITERATURE

Write a paragraph about rationale of the research study here. This knowledge management and education domain of research. The crucial twofold of the present researches.

## MATERIALS AND METHODS

The objectives mentioned in the previous section are accomplished by following the research activities:-

Insert Figure Center Aligned (If Required)

Figure 1: Research Overview

Describe methodology here. Methodology can be supported by figures and tables if required.

Table 1: Table Caption Research Overview

Insert Table Center Aligned (If Required)

## LITERATURE CITED

Aguilar, J. (2005). A survey about fuzzy cognitive maps papers. *International journal of computational cognition*, 3(2), 27-33.

Bimba, A. T., Idris, N., Al-Hunaiyyan, A., Mahmud, R. B., Abdelaziz, A., Khan, S., & Chang, V. (2016). Towards knowledge modeling and manipulation

Figures and Tables: Figure and Table Captions are Left aligned.

Reference Style: APA 6<sup>th</sup> Edition. Students are required to use referencing software e.g. Mendeley, EndNote, JabRef etc.

- technologies: A survey. *International Journal of Information Management*, 36(6), 857-871.
- Chou, P.-H., Tsai, R. T.-H., & Hsu, J. Y.-j. (2017). Context-aware sentiment propagation using LDA topic modeling on Chinese ConceptNet. *Soft Computing*, 21(11), 2911-2921.
- Dey, A. K. (2001). Understanding and using context. *Personal and ubiquitous computing*, 5(1), 4-7.
- Fellbaum, C. (2012). WordNet. *The Encyclopedia of Applied Linguistics*: John Wiley & Sons, Inc.
- Krawczyk, M., Rzepka, R., & Araki, K. (2015). *Populating ConceptNet Knowledge Base with Information Acquired from Japanese Wikipedia*. Paper presented at the Systems, Man, and Cybernetics (SMC), 2015 IEEE International Conference on.
- Lenat, D. B. (1995). CYC: A large-scale investment in knowledge infrastructure. *Communications of the ACM*, 38(11), 33-38.
- Mondal, A., Cambria, E., Das, D., & Bandyopadhyay, S. (2017). MediConceptNet: An Affinity Score Based Medical Concept Network.
- Speer, R., Chin, J., & Havasi, C. (2017). *ConceptNet 5.5: An Open Multilingual Graph of General Knowledge*. Paper presented at the AAAI.
- Speer, R., & Havasi, C. (2012). *Representing General Relational Knowledge in ConceptNet 5*. Paper presented at the LREC.
- Tandon, N., de Melo, G., Suchanek, F., & Weikum, G. (2014). *Webchild: Harvesting and organizing commonsense knowledge from the web*. Paper presented at

the Proceedings of the 7th ACM international conference on Web search and data mining.

Tandon, N., Hariman, C., Urbani, J., Rohrbach, A., Rohrbach, M., & Weikum, G. (2016). *Commonsense in Parts: Mining Part-Whole Relations from the Web and Image Tags*. Paper presented at the AAAI.

Zhu, G., & Iglesias, C. A. (2017). Computing semantic similarity of concepts in knowledge graphs. *IEEE Transactions on Knowledge and Data Engineering, Engineering*, 29(1), 72-85.