Top Margin 1.18 inch

**Pir Mehr Ali Shah**

# ARID AGRICULTURE UNIVERSITY RAWALPINDI

Synopsis for MS Degree in Computer Science

Select Degree program and 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: 28th September, 2016

Date of Initiation: 22nd December, 2016

Probable Duration: One year

## 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

Left Margin 1.5 inch

Select Member or Co-Supervisor.

ii) Member _____
Member Name

iv) Member _____
Member Name

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

Director,
Please Select Department or Institute

Right Margin 1.18 inch

Director,
Advanced Studies

Bottom Margin 1.18

**Pir Mehr Ali Shah**

# ARID AGRICULTURE UNIVERSITY RAWALPINDI

Synopsis for MS Degree in Computer Science

Select Degree program and 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: 28th September, 2018

Date of Initiation: 22nd December, 2020

Probable Duration: Two years

## SCRUTINY COMMITTEE

i) Convener

Convener Name Here

ii) Member

Member Name

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

ii) Member

Member Name

Director,
Please Select Department or Institute

Select Chairperson or Director. 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.

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

**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.

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

### 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

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

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

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

Reference Style: APA 6th 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,*

*29*(1), 72-85.