

Title of Thesis

*A Thesis Submitted to the
Oriental University, Indore
For the Award of Degree of
Doctor of Philosophy*

in

Computer Science and Engineering
2018

by

Sambit Kumar Mishra

Under the Guidance of

Prof. Aaaaa Aaaa

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June 12, 2018

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To the best of my knowledge and belief, the thesis:

1. Embodies the work of the candidate himself/herself;
2. Has duly been completed;
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June 12, 2018
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Dr. Aaaaa Aaaa
Department of Computer Science and Engineering,
Oriental University Indore

Acknowledgment

Write acknowledgment at most one page.

I am heartily thankful to my parents and sisters for their support and encouragement at all times. Finally, I thank my family; specially my grandparents for their love, inspiration, patience, and for making my life filled with joy and happiness.

June 12, 2018
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Sambit Kumar Mishra
Roll Number: 514cs1008

Abstract

Write abstract of your thesis.

At most two pages.

Write Keywords of your thesis as follows with the help of semicolon.

Keywords: Cloud Computing; Data Center; Energy Efficient; ETC; Execution Time; Makespan; Resource Allocation; Task Allocation; Virtualization; VM.

Contents

FORWARDING LETTER OF HEAD OF INSTITUTION	ii
DECLARATION BY THE CANDIDATE	iii
CERTIFICATE OF THE SUPERVISOR	iv
Acknowledgment	v
Abstract	vi
List of Figures	viii
List of Tables	ix
1 Introduction	1
2 A Survey on Energy-Efficient Cloud Computing System	2
2.1 Introduction	2
2.2 Summary	2
3 Chapter Title	3
3.1 Introduction	3
4 Chapter Title	4
4.1 Introduction	4
5 Conclusions and Future Work	5
5.1 Conclusions	5
5.2 Future Research Directions	5
Dissemination	8

List of Figures

List of Tables

Chapter 1

Introduction

Write down the introduction part.

Chapter 2

A Survey on Energy-Efficient Cloud Computing System

In this chapter, you can write survey work on your thesis.

2.1 Introduction

Write introduction.

2.2 Summary

Write summary work.

Chapter 3

Chapter Title

Write your work.

3.1 Introduction

Chapter 4

Chapter Title

Write some description about the chapter.

4.1 Introduction

Write introduction about the chapter.

Chapter 5

Conclusions and Future Work

5.1 Conclusions

Write the conclusion of your thesis.

5.2 Future Research Directions

Write future research direction of your thesis.

Bibliography

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Dissemination

5.2.0.0.1 Internationally indexed journals (*Web of Science, SCI, Scopus, etc.*)¹

1. **S. K. Mishra**, D. Puthal, J. J. P. C Rodrigues, B. Sahoo, E. Dutkiewicz, Sustainable Service Allocation using Metaheuristic Technique in Fog Server for Industrial Applications, IEEE Transactions on Industrial Informatics (In Press), 2017. DOI: [10.1109/TII.2018.2791619](https://doi.org/10.1109/TII.2018.2791619).

5.2.0.0.2 Conferences ²

1. **S. K. Mishra**, S.K. Choudhary, B. Sahoo, D. Puthal, M. S. Obaidat, Optimization of Multi-dimensional Metrics Through Task Scheduling in Cloud Computing Systems, In IEEE International Conference on Future Technologies Conference (FTC 2017), Vancouver, BC, Canada, November 2017.

5.2.0.0.3 Article under preparation ³

1. **S. K. Mishra**, D. Puthal, B. Sahoo, S Sharma, A. Y. Zomaya, Energy-Efficient Deployment of Edge Data Centers for Mobile Cloud in Sustainable IoT, IEEE ACCESS, April, 2018.

¹Articles already published, in press, or formally accepted for publication.

³Articles under review, communicated, or to be communicated.