### Title

Progress report

### M.Tech Thesis Evaluation-1

October 2017

by

#### Candidate name

(Candidate roll number)

under the supervision of

## Supervisor name



# ABV-INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT GWALIOR-474 010

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### ABSTRACT

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#### 1 Introduction

This section introduces the research area and the motivation behind taking up the proposal.

### 2 Review of key related research

This section discusses the recent key related work in the addressed research area along with their shortcomings with respect to your proposed hypothesis.

### 3 Objectives

This section outlines the clear research objectives that you plan to achieve during the course of this research.

### 4 Methodology

This section explains the proposed methodology that you plan to adopt in order to address the identified shortcomings in the recent related research along with the action plan to meet the set research objectives.

### 5 Expected research outcome

This section discusses the expected research outcome in terms of developed new technology/product/algorithms during the course of this research.

### References

- [1] Chen, D. and Varshney, P. K.: 2004, Qos support in wireless sensor networks: A survey., *International Conference on Wireless Networks*, Vol. 233, pp. 1–7.
- [2] Heegaard, P. E. and Trivedi, K. S.: 2009, Network survivability modeling, *Computer Networks* 53(8), 1215–1234.
- [3] Jain, S., Demmer, M., Patra, R. and Fall, K.: 2005, Using redundancy to cope with failures in a delay tolerant network, *ACM SIGCOMM computer communication review* **35**(4), 109–120.
- [4] Mohammad, A. J., Hutchison, D. and Sterbenz, J. P.: 2006, Poster: Towards quantifying metrics for resilient and survivable networks, *Proceedings of the 14th IEEE International Conference on Network Protocols (ICNP 2006)*. Santa Barbara, California, USA, pp. 17–18.
- [5] Sterbenz, J. P., Hutchison, D., Çetinkaya, E. K., Jabbar, A., Rohrer, J. P., Schöller, M. and Smith, P.: 2010, Resilience and survivability in communication networks: Strategies, principles, and survey of disciplines, *Computer Networks* 54(8), 1245–1265.