

M S Ramaiah Institute of Technology

(Autonomous Institute, Affiliated to VTU)

MSR Nagar, Bengaluru-560054

A Dissertation Report on

**Analysis of Congestion with Varying Buffer Size to Improve  
QoS in Multipath Multihop WSN**

Submitted by

**DESAI PRANAV BHARATBHAI**

**1MS14SCN04**

In partial fulfillment of the requirements for the award of degree of

Master of Technology  
in  
Computer Network Engineering

Under the guidance of

**Dr. MONICA R. MUNDADA**

Associate Professor,  
Dept. of CSE, MSRIT, Bengaluru



M S Ramaiah Institute of Technology  
(Autonomous Institute, Affiliated to VTU)  
Department of Computer Science and Engineering  
Bengaluru-560054

**M S Ramaiah Institute of Technology**  
(Autonomous Institute, Affiliated to VTU)  
**Department of Computer Science and Engineering**  
Bengaluru-560054



**CERTIFICATE**

This is to Certify that Mr. Desai Pranav Bharatbhai (1MS14SCN04) has completed Project Phase II (MCSE401) titled “Analysis of Congestion with Varying Buffer Size to Improve QoS in Multipath Multihop WSN” in partial fulfillment for the award of degree of Masters of Technology in Computer Network Engineering, during the year 2015-16 under the supervision of Dr. Monica R. Mundada, Associate Professor, Dept. of CSE MSRIT Bengaluru. The project is approved as it satisfies the academic requirements with respect to the project work prescribed for Master degree. To the best of our understanding the work submitted in this report has not been submitted in part or full, for the award said degree.

**Dr. Monica R. Mundada**  
Associate Professor  
Dept. Of CSE, MSRIT  
Bengaluru

**Dr. K. G. Srinivasa**  
Professor and Head of the  
Department,  
Dept. Of CSE, MSRIT  
Bengaluru

**Dr. N. V. R. Naidu**  
Principal, MSRIT  
Bengaluru

Name of the Examiners

Sign

- 1.
- 2.