

# SAPTHAGIRI COLLEGE OF ENGINEERING

14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057

*Department of Computer Science and Engineering*

## Certificate



Certified that the project work entitled "A LOAD BALANCING MODEL BASED ON CLOUD PARTITIONING FOR CLOUD" carried out by PRASANNAJIT SHARMA(1SG11CS055), PRAJAY KUMAR SINHA(1SG11CS057), PUSHKAR KUMAR (1SG11CS061), ROUSHAN KUMAR (1SG10CS066), bonafide students of this institute, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum during the academic year 2014-15. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the degree.

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## ABSTRACT

Load balancing in the cloud computing environment has an important impact on the performance. Good load balancing makes cloud computing more efficient and improves user satisfaction. This article introduces a better load balance model for the cloud based on the cloud partitioning concept with a switch mechanism to choose different strategies for different situations. The algorithm applies the Load degree evaluation strategy to improve the efficiency in the cloud environment.