

SAPTHAGIRI COLLEGE OF ENGINEERING

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

Department of Computer Science and Engineering

Certificate



Certified that the project work entitled "A Secure Data Sharing Scheme for Dynamic Groups with Secure Key Distribution in the Cloud" carried CHAITRA.J (1SG13CS402), SHWETHA.K (1SG13CS417), NAGARATHNA.Y (1SG13CS407), 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 2015-16. 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 (10CS85) prescribed for the said degree.

Shobha 18/5/16

Signature of the Guide

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ABSTRACT

Users can achieve an effective and economical approach for data sharing among group members in the cloud with the characters of low maintenance and little management cost. Meanwhile, it must provide security guarantees for the sharing data files since they are outsourced. Unfortunately, because of the frequent change of the membership, sharing data while providing privacy-preserving is still a challenging issue. In order to avoid the complexity and privacy of key distribution to the group members. In the proposed system a secure way of key distribution is provided with the secure communication channel and the users can obtain their private keys from group manager, and also provide fine grained access control, any user in the group can use the source in the cloud and revoked users cannot access the cloud again after they are revoked.