

A
Major Project Report
On
**REVOCABLE ATTRIBUTE- BASED DATA
STORAGE IN MOBILE CLOUDS**

Submitted to
Jawaharlal Nehru Technological University, Hyderabad
in partial fulfillment of the requirement for the award of Degree of
Bachelor of Technology
in
Computer Science & Engineering
by

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2022-2023

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CERTIFICATE

This is to certify that the Major-Project entitled “**REVOCABLE ATTRIBUTE- BASED DATA STORAGE IN MOBILE CLOUDS**” is submitted by **P.RACHANA (196Y1A0584), V.SUSHMITHA(196Y5A05B5), V.NAVATHA (196Y1A05B4), Y.SRINITHYA(196Y1A05B8)** and in the partial fulfillment of requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering during academic year 2022-23.


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ABSTRACT

It is becoming fashionable for people to access data outsourced to clouds with mobile devices. To protect data security and privacy, attribute-based encryption (ABE) has been widely used in cloud storage systems. We note that there are two kinds of revocation in ABE ie.. Attribute revocation and user revocation. We propose A revocable attribute-based data storage (RADS) scheme equipped with several attracting features. A strong data protection, I.E., Revoked users can access neither newly uploaded files nor old ones. The security and efficiency of the RADS scheme are validated via both analysis and experimental results. As a result of improvements in communication methods and portable electronic gadgets, many people are transitioning from stationary to mobile cloud computing. Users can use mobile storage solutions like Drop box or I Cloud to backup their documents. Data stored in the cloud should be encrypted. File owners must know the identities of all authorised users in order to decrypt their files. It allows a trustworthy third party to update the access credentials of all unrevoked users.



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