A

PROJECT REPORT ON

RAPID FAST PUBLIC AUDITING AND DATA DYNAMICS IN CLOUD ENVIRONMENTS

Submitted in partial fulfillment of the requirements for the award of the degree of



MASTER OF COMPUTER APPLICATIONS

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UGC(2f) Recognized Institution

(2022-2024)

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CERTIFICATE

This is to certify that the project work entitled “Rapid Fast Public Audits And Dynamic Data Handling In Cloud Environments” is the Bonafide work carried out by Ms T. MOUNIKA, Regd. No: 225N1F0056 is submitted in the partial fulfillment of the requirements for the award of degree of Master of Computer Applications during the year 2022-2024.

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DECLARATION

I am T. MOUNIKA here by declare that the project report entitled as “Rapid Fat Public Audits And Dynamic Data Handling In cloud Environments” is done in , is original and independent record of work, submitted by me to JNTUA, Anantapuram, under the guidance of Mr D. SUDHAKAR, Assistant Professor of Annamacharya P.G College of Computer Studies, Rajampet, for the award of the degree of Master of Computer Applications and has not been submitted either in partial or full for the award of any Degree or Diploma.

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Date: (Regd.No: 225N1F0056).

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ABSTRACT

In the cloud computing, cloud users with limited storage can outsource their data to remote servers. These Servers, in lieu of monetary benefits, offer retrievability of their clients data at any point of time. Secure cloud storage protocols enable a client to check integrity of outsourced data. In this work, I explore the possibility of constructing a secure cloud storage for dynamic data by leveraging the algorithms involved in secure network coding.

I show that some of the secure network coding schemes can be used to

construct efficient secure cloud storage protocols for dynamic data, and

we construct such a protocol(DSCS I) based on a secure network coding protocol.

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