SAPTHAGIRI COLLEGE OF ENGINEERING
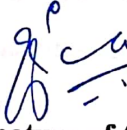14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru – 560057.

Department of Computer Science and Engineering

Certificate

Certified that the Project Work entitled "AN EFFICIENT AND FINE GRAINED BIG DATA ACCESS WITH CONTROL SCHEME PRIVACY PRESERVING POLICY" carried out by NITHESH M (1SG14CS071), SUMAN SURYAPRASAD (1SG14CS114), NAGARAJA B (1SG15CS408), SANDEEP K L (1SG15CS419), bonafide students of **Sapthagiri College of Engineering**, in partial fulfillment for the award of **Bachelor of Engineering** in **Computer Science and Engineering** of **Visvesvaraya Technological University, Belagavi** during the academic year 2017-2018. It is certified that a corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited i the department library. The project report has been approved as it satisfies the academic requirements respect of Project Work (10CS85) prescribed for the said degree.

13/06/18

Signature of the Guide
Mr Abhishek K L
Assistant Professor

14/06/18

Signature of the HOD
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Signature of the Principal
Dr. K L Shivabasappa
Principal
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Chikkasandra, Hesaraghatta Rc
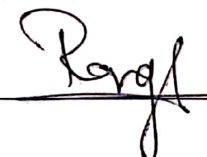Bangalore- 560 057

EXTERNAL EXAMINATION

Name of the Examiners

Signature with Date

1. Dr. Yogish H.K

14/06/18

2. Prof. Ranganatha. H.R

14/06/

ABSTRACT

Control the access of the huge amount of big data becomes a very challenging issue, especially when big data are stored in the cloud. Cipher text policy attribut based encryption (CP-ABE) is a promising encryption technique that enables er users to encrypt their data under the access policies defined over some attributes data consumers and only allows data consumers whose attributes satisfy the acce policies to decrypt the data.In CP-ABE, the access policy is attached Security analy and performance evaluation show that our scheme can preserve the privacy from : linear secret-sharing schemes access policy without employing much overhead.