SAPTHAGIRI COLLEGE OF ENGINEERING

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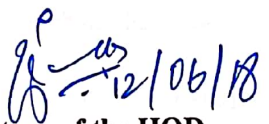
Department of Computer Science and Engineering

Certificate

Certified that the Project Work entitled **"AADHAAR CARD AND BIOMETRIC BASED VOTING MACHINE FOR LOCAL AND IMMIGRANT VOTERS"** carried out by **PRIYANKA R (1SG14CS084), PUSHPA S (1SG14CS086), RAKSHITHA R POOJARY (1SG14CS090), SOWMYA S (1SG14CS111),** 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 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.

Signature of the Guide
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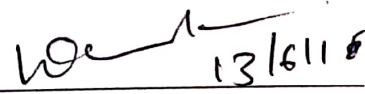Dr. K L Shivabasappa
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EXTERNAL EXAMINATION:

Name of the Examiners	Signature with Date
1. Maimudd—	13/6/11
2. Ramanagouda. S. Patil	13/6/18

ABSTRACT

An electronic voting system (e-voting) is a voting system in which the election data is recorded, stored and processed primarily as digital information. There are two types of e-voting: Online and Offline. Eg: online via internet and offline by using a voting machine or an electronic polling booth. The security of the system relies mainly on the black-box voting machine. But security of data, privacy of the voters and the accuracy of the vote are also main aspects that have to be taken into consideration while building secure e-voting system. It ensures that vote casting cannot be altered by unauthorized person. Offline e-voting process authentication can be done using Aadhaar card and Fingerprint identification thereby allowing voters to cast their votes. Through the use of GSM, a voter can alert the election commissioner's office about mis-conduct of elections at respective polling booth, such as rampage or bribes given to voters etc.