VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI-590 018

PROJECT REPORT ON

"ABNORMAL PATTERN ANALYSIS IN ONLINE TRANSCATION"

Submitted in partial fulfillment for the award of Degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE & ENGINEERING

By

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MOODBIDRI-574225, KARNATAKA

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CERTIFICATE

This is to certify that the Project entitled **"ABNORMAL PATTERN ANALYSIS IN ONLINE TRANSACTION"** has been successfully completed by

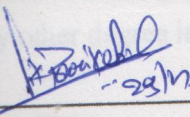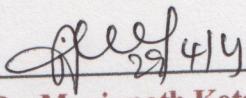|	
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the bonafide students of **Department of Computer Science & Engineering, Alva's Institute of Engineering and Technology** in partial fulfillment for the award of BACHELOR OF ENGINEERING in **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the year 2018–2019. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

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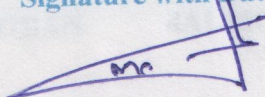
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ABSTRACT

The Abnormal pattern analysis in online transaction feature uses the behavior of the user and verifies the location to check for unusual patterns. If any unusual pattern is detected, the system requires re-verification. The system analyzes user credit card data for various characteristics. The drawback of the current Internet banking system was that it was not able to achieve or was not very secure for the users. There were security issues faced in the current Internet banking system. Thus, we implement the Sequential Pattern Matching Algorithm to overcome the security issue being faced in the current system.