

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,  
BELAGAVI**



**A PROJECT REPORT ON  
“BLOCKCHAIN BASED ACADEMIC  
CERTIFICATE AUTHENTICATION SYSTEM”**

Submitted in partial fulfillment for the award of Degree of,

**BACHELOR OF ENGINEERING**

**IN**

**COMPUTER SCIENCE & ENGINEERING**

**By**

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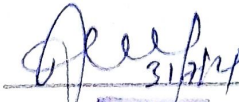
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**CERTIFICATE**


This is to certify that the project entitled **"BLOCKCHAIN BASED ACADEMIC CERTIFICATE AUTHENTICATION SYSTEM"** 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** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the year 2020-2021. 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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## ABSTRACT

In this era of digitalization, most of the organizations among all sectors use web-enabled systems to produce services to their purchasers with efficiency and even folks are comfy sharing their info online, which lead to the emergence of Digital Records. for college kids, educational certificates unit the foremost important documents issued by their universities. However, as a result of the availability methodology is not that clear and verifiable, pretend certificates are merely created. A skillfully generated pretend certificate is often arduous to notice and may be treated because of the original. sure, series of solutions are planned to resolve the determined problems, that embrace utilizing a multi-signature theme to authentication of certificates. This paper explains the way to enhance the certificate verification method mistreatment blockchain technology. the form of the certification style is fairly simple. Admin can have solely access to convert physical certificate to digital certificate and stores it's inside blockchain dealing. A dealings output may be a certificate Id and it's assigned to the recipient. These Ids are often sent to anyone meant to examine or demonstrate the digital certificate.