VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

A PROJECT REPORT ON

"SMART QUESTION PAPER GENERATOR SYSTEM"

Submitted in partial fulfillment for the award of Degree of,

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE &ENGINEERING

By

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CERTIFICATE

This is to certify that the project entitled **"SMART QUESTION PAPER GENERATOR 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 2019–2020. 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

Information and intelligence are two vital columns on which development of humankind rise and knowledge has significant impact on operating of society. Student assessment is a crucial part of teaching and is done through the process of examinations and preparation of exam question papers has consistently been a matter of interest. Present-day technologies assist the teacher to stock the questions in a computer database but does not provide efficient solution to create variety sets of questions from every now and then without the possibility of replication and duplication from the previous exam while the question bank keeps growing. In the proposed system we introduce an smart way which would permit the operation of setting an exam paper to be further well organized and productive and it would also aid in developing a pool of questions which could be further classified for blending of exam question paper, currently there is no systematic procedure to fortify quality of exam question paper.

The proposed system would have a modern evolutionary path that is able to manage multi- constraints issue along with creating question papers for examinations in autonomous institutes from a very vast pool of questions. The Smart Exam Assistant would use a pseudo random algorithm which would be implemented specially for autonomous institutes. This system would also ensure the secure delivery of the question paper to the exam center as an actual question paper would only be generated at the time when it is to be utilized. The endeavor needed for generating question paper is diminished after the implementation of this system and because of this system there is no obligation for humans to ponder and employ time which can be utilized on some additional important duty instead of designing question paper.