

SAPTHAGIRI COLLEGE OF ENGINEERING

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Department of Computer Science and Engineering

Certificate



Certified that the project work entitled "SEED SOWING AND PLOWING USING ROBOTICS" carried out by DHANUJA G (ISG13CS039), INDU K (ISG13CS050), JANANI M A (ISG13CS051), NIDHI MORAB (ISG12CS066), bonafide students of this institute, in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum during the academic year 2016-17. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project progress report has been approved as it satisfies the academic requirements in respect of Project work[10CS85] prescribed for the said degree.

R. Bilagi 22.6.17
Signature of the Guide

Mr. Rajeev Bilagi
Associate Professor

R. Prashanth 22.6.17
Signature of HOD
for Dr. Prashanth C.M
Professor & Head

Dr. Aswatha Kumar M
Signature of Principal
Dr. Aswatha Kumar M
Principal

Name of the Examiners

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Signature with date

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ABSTRACT

Agriculture is one of the main occupation in India ,and said to be back bone of our country. So the agriculture system in India should be advanced to reduce the efforts of farmers. Various number of operations are performed in the agriculture field like seeding, weeding, waste plant cutting, plowing etc. Very basic and significant operation is seeding plowing, plant cutting. But the present methods of seeding, plowing and plant cutting are problematic. The equipments used for seed sowing are very difficult and inconvenient to handle. So there is a need to develop equipment which will reduce the efforts of farmers. This system introduces a control mechanism which aims to drop seeds at particular position with specified distance between two seeds and lines while sowing. The drawbacks of the existing system will be removed successfully in this automatic machine.