VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama" Belagavi – 590 010

PROJECT REPORT ON

"LOW COST MULTIFUNCTIONAL AGRIBOT FOR TOOR DAL"

Submitted in partial fulfillment of the requirements for the award of degree

BACHELOR OF ENGINEERING
IN
ELECTRONICS & COMMUNICATION ENGINEERING

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CERTIFICATE

Certified that the project work entitled "**LOW COST MULTIFUNCTIONAL AGRIBOT FOR TOOR DAL**" *is a bona fide work carried out by*

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in partial fulfillment for the award of BACHELOR OF ENGINEERING in **ELECTRONICS & COMMUNICATION ENGINEERING** 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

Agriculture is the foundation of monetary arrangement of any nation. As one of the patterns of advancement on mechanization and insight of farming apparatus in the 21st century, a wide range of agriculture robots have been examined and created to execute various agrarian creation in numerous nations. In present days we have numerous machines which are fit for seed planting however they are hand worked machines, so we are planning a multifunctional agribot which will bore the dirt and sow the seeds. This robot has two methods of tasks like auto mode and manual mode, in auto mode it moves in a specific network by help of sensors. This farming robot targets structuring a live robot which is equipped for performing fundamental rudimentary capacities like seed planting and performing activities like furrowing, seed administering and pesticide showering. The agribot can be controlled through Internet medium utilizing an Android advanced mobile phone. The entire procedure computation, handling, checking are structured with motors and sensor interfaced with microcontroller. It is intended to reduce the work of farmers, to enhance the speed and exactness of the work.