

FABRICATION OF RIDGER PLOUGH

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BACHELOR OF TECHNOLOGY

IN

MECHANICAL ENGINEERING

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CERTIFICATE

This is to certify that the Project Work entitled “ **FABRICATION OF RIDGER PLOUGH**” has been carried out by **S.SATHEESH (17815A0359),I.PRASAD (16811A0397),K.VENKATESH(17815A0326),K.VENKATESH (17815A0327)** bonafide students of **AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY** in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering during the year 2016-2020. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The Project Work Report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

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ABSTRACT

The works involved in the agriculture are difficult to do in manual methods to overcome these types of problems, the different types of machines are developed to do that works easily for reducing the effort of the farmer. Like this channels preparation is very difficult to do, so we prepare a device called ridger plough to overcome this problems. It is very helpful to the farmers and reduce the effort and expenditure on the crops. It is widely used in the sugarcane cultivation. The experimental study was conducted to fabrication of ridger plough used for earthing up operation in sugar cane plant at different widths, at different depths and speed of earthing up operation remains the same. Improve sugarcane production after earthing up operation by ridger plough.

Key Words: Ridger plough body , DC motor , Batteries ,Cutting Tool , Bearings ,Sprockets ,chain.