VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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"SLOT CUTTING ATTACHMENT TO A TRACTOR"

A PROJECT REPORT

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ABSTRACT

Agriculture in India has a significant history. Today, India ranks second worldwide in farm outputNowadays in most of the farms and plantations the slots for drip irrigation are actually dug by workers and this consumes a lot of time and energy. our project is basically an attachment provided to a tractor which digs slots of 15 cm depth along with the motion of the tractor. these slots can be used for laying of pipes for drip irrigation.

Hence`our project aims , not only at reducing the inefficient,labour intensive manual process and automating it,but also reduces the cost drastically. This will reduce the time and energy consumed during the process.

This low cost slot cutting attachment is designed to reduce the labour involved in manual slot cutting process. Other major advantage is that the mud from these slots are removed completely during the process itself.