



Fabrication of Bullock Driven Tractor

Employing bullocks and tractors for agricultural purposes is a traditional and very conventional method in India's rural areas. Efficient harnessing of animal power however remains ignored with the increase in use of fossil fuel and electricity. We along with The Rural Technology Action Group (RUTAG) IIT Delhi took the initiative for fabricating the modified Bullock Driven Tractor. A better and efficient Bullock Driven Tractor (BDT) have been designed. BDTs are capable of performing multiple tasks of agricultural operations such as ploughing, harrowing, sowing, planting, and harvesting. Steel rope and winch mechanism is used for lifting attachments such as harrow, cultivator, seed drills, etc. It is attached with car seats for better sitting posture. It is easier in turning the tractor. It is lightweight and user friendly.