

## INDIGENOUS HAULAGE VEHICLE —AN EFFECTIVE TOOL FOR RURAL FARMERS

K.P. Kolhe<sup>1</sup>, S.V. Pathak<sup>2</sup> and A.G. Powar<sup>3</sup>

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**ABSTRACT :** The conventional farm tools and implements mainly relied on use of animate power, improved farm tools; implements and machinery used both animate and mechanical power. 65 to 70% Of people of India totally depends on the farm; they have a unique source of their income and to fulfill their daily necessities, transport of raw grains, finished grains, natural/synthetic fertilizers and other spraying chemicals, milk, fishes, horticultural foods, implements, tools etc., is major problem faced mostly by the farmer. Agricultural tractors and minitrucks are used for haulage purpose. But due to cost and size of the vehicles such vehicles are not economical. It is therefore an indigenous tractor was developed at College of Agril. Engg & Tech Dapoli, by using an old jeep chassis and 5 hp; Diesel water-cooled engine by taking small and marginal farmers requirement into consideration. They can use such a vehicle for performing such operation due its portable size and lower cost. Due to its singular characteristics it is economical, and flexible for various agricultural haulage operations. As the trolley of the tractor and engine lies on the same chasis, reduces its size and can be used effortlessly for small farm operations of the farmer at less cost with diminution in time and drudgery of operation.

**Key Words :** IHV, small farm, farmers, haulage.