6.1 Suggestions for Future Work

The performance evaluation of tractor operated stubble shaver cum fertilizer applicator for sugarcane crop, shows that it performs stubble shaving, fertilizer metering and off barring operation effectively and simultaneously. The following suggestions are given for future work:

1. The number of cutting blades can be optimized to reduce the cutting pitch, to increase the shaving efficiency, to decrease the damaged stubble and to decrease the cutting force.
2. The stubble shaving blades need to be made reversible type, so that it can be used with or without stubble shaving.
3. The implement can also perform earthing operation if suitable provision is made at tynes of implement.
4. Distance between the off barring tynes should be increased to reduce the stubbles damage.