

Department : **Mechanical**

Year : **2016-2017**

Group No: **4**

Guided By

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Project Title

**DESIGN AND DEVELOPMENT OF FERTILIZER SPREADER
MACHINE**

Abstract:

India is agricultural based country. Our economy is also depends on agricultural related product. In the recent days it has been found that farmers are unable to grain more crop production by use of conventional agricultural methods.

This project is based on manually fertilization process. A method is generated to spread the fertilizer over a fallow land by dropping the fertilizer over the impeller disc. The project design divided in to three level, top level, middle level, bottom level. Top level consists a solar module. Middle level consist a hopper, impeller disc, motor. The bottom level consists tires. The whole design is supported by frame and column.

This project has solved the problem of traditional way of fertilization.

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