

Department : **Mechanical**

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Group No: **22**

Guided By

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Project Title

CONSTRUCTION OF WATER WHEEL PUMP

Abstract:

Nowadays we have many challenges with the conventional power sources. Day by day, the requirement of fossil based fuel is noticeably increasing. That leads us too many problems related to environment and other natural issue. We are happy to put a little idea in way towards non-conventional sources. At all it is go green scenario that we concluded during our project research.

There is a primary need to use renewable energy sources like solar, wind, tidal, biomass and energy from waste material. They are called non-conventional sources of energy. As we can no longer being depended on fossil fuels. We have reasons as:

- (i) The growing consumption of energy has resulted in the country becoming increasingly dependent on fossil fuels such as coal, oil and gas.
- (ii) Rising prices of oil and gas and their potential shortages have raised uncertainties about the security of energy supply in future, which has serious repercussions on the growth of the national economy.
- (iii) Increasing use of fossil fuels also causes serious environmental problems.

Our little solution is towards replacing traditional, noisy petrol/diesel pump with efficient non-conventional spiral pump. Renewable energy sources like wind, water will be the center of our thinking here. We are happy to introduce a new variant and option of non-renewable energy sources.

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