IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 6, June 2022

Design and Fabrication of Multipurpose Solar Grass Cutting Machine

Varun K R¹, Nandha Krishna S², Akash G Sajjan³, B Vishal⁴, Brijith Rajan⁵

Students, Department of Mechanical Engineering^{1,2,3,4,5} The Oxford College of Engineering, Bommanahalli Bangalore, Karnataka, India

Abstract: This project mainly deals with the fully automated or automatic grass cutter in which the sprinkler is also fitter to the spraying of the water to sustain the growth of the plants or grass and main aid is to cut the only grass and not the grown plant or huge roots, solar models or solar plate and the devices which converts the solar energy or the solar radiation to the electrical energy. It helps us to solve the problems in the remote areas. Fossil fuels relatively short time solar energy source continuously and consequently.

Keywords: Solar Energy, Solar Radiation, UV Radiation, Electrical Power

REFERENCES

- [1]. The solar entrepreneur's handbook, Wise publications.
- [2]. A project report on —solar tracking system using hydraulic dampe (MeRITS)
- [3]. Non Conventional Energy sources by G.D.RAI, Khanna Publishers
- [4]. A project report on solar powered bicycle (MeRITS)

BIOGRAPHY



Varun K R pursuing PhD under the Bangalore university department of mechanical engineering, The oxford college of engineering.



Nandha Krishna S, pursuing the bachelor of engineering under the visveswaraya technological university, department of mechanical engineering, The oxford college of engineering Bangalore



Akash G Sajjan, pursuing the bachelor of engineering under the visveswaraya technological university, department of mechanical engineering, The oxford college of engineering Bangalore



B Vishal, pursuing the bachelor of engineering under the visveswaraya technological university department of mechanical engineering, The oxford college of engineering Bangalore



Brijith Rajan, pursuing the bachelor of engineering under the visveswaraya technological university department of mechanical engineering, The oxford college of engineering Bangalore