



## IMPROVE THE EFFICIENCY OF SOLAR SYSTEM USING MECHANICAL SOLAR TRACKING SYSTEM

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### **ABSTRACT**

*Underlining the true of non-limitless power sources, light-based source will be the more utilize full basic wellspring of imperativeness which will affect our necessities for the coming quite a while from now ahead. Thusly, there need of overhauling the executions of light based centrality with a most confounding possible limit. "Mechanical Sun Based Following Model" is progressed to fulfill the objective. Mechanical get together train working model with the help of potential power is used to course the sun based concentrator with the improvement of the daylight based radiation bearing. The examination between the "Electro-Mechanical Sun Based Following Model" and "Mechanical Sun Based Following Model" and shows that it uses zero centrality from the passed on power and hence; improve the general efficiency by 5 to 8 rate. It will all things considered be built up that "Mechanical Sun Based Following Model" is powerfully beneficial rise up out of "Electro-Mechanical Sun Based Following Model". "Mechanical Sun Based Following Model" can be cash related, require unfit worker, easy to proceed and can be sorted out at unforgiving territories, far away or sandy or drizzly region to make an impact or to pass on warmth criticalness for various applications.*

**KEYWORDS:** *Sun Controlled Following Model, Concentrator, Potential Power, Usage of Sun Oriented Vitality, Gear Train*

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