

Department : **Mechanical**

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Group No: **7**

Guided By

**PROF. R. N.  
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## **SMT. S. R. PATEL ENGINEERING COLLEGE, UNJHA**

### **Project Title**

### **PERFORMANCE ANALYSIS ON CONCENTRATING COLLECTOR USING DUAL AXIS SOLAR TRACKING MECHANISM**

#### **Abstract:**

We can overcome the problem of solar power generation by using SOLAR TRACKER WITH DUAL AXIS. Now a day the problem in solar power generation is getting inadequate sun rays because of fixing of solar plate and we also know that power generation is directly dependent on the sun rays. Fix position of solar plate curtail the power generation so by using solar tracker(a device which will move the solar plate in sun's direction ) we can produce more energy as much as possible. With the help of this dual axis concentrating solar tracker we can move solar plate up and down and left and right so we can focus solar plate completely in front of sun.

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