

# **DUAL POWER GENERATION SOLAR PLUS WINDMILL GENERATOR**

*A project report submitted in partial fulfillment of the requirements  
For the award of the degree of*

## **BACHELOR OF TECHNOLOGY IN ELECTRICAL & ELECTRONICS ENGINEERING**

**Submitted by**

**K TARUN KUMAR REDDY  
(14811A0211)**

**S AKKU NAIDU  
(14811A0231)**

**V SRINIVAS  
(14811A0233)**

**K V PRUDVIRAJ  
(15815A0209)**

**T SRAVAN KUMAR  
(15815A0217)**

**Under the Esteemed Guidance of**

**Mr. S RISHIKESH**

**Assistant Professor**



**DEPARTMENT OF  
ELECTRICAL AND ELECTRONICS ENGINEERING**

**AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**(Permanently Affiliated to Jawaharlal Nehru Technological University, Kakinada, AP)**

**(An NAAC Accredited Institution)**

**Tamaram, Narsipatnam, Visakhapatnam-531113**

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(An NAAC Accredited Institution)  
Tamaram, Narsipatnam, Visakhapatnam-531113

**DEPARTMENT OF  
ELECTRICAL AND ELECTRONICS ENGINEERING**



**CERTIFICATE**

This is to certify that the project report entitled "DUAL POWER GENERATION SOLAR PLUS WINDMILL GENERATOR" is a bonafide work submitted by **K TARUN KUMAR REDDY, S AKKU NAIDU, V SRINIVAS, K V PRUDVIRAJ, T SRAVAN KUMAR** in partial fulfillment of the requirements for the award of degree of

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**Internal Guide**  
**Mr. S Rishikesh**  
Assistant Professor  
Dept. of Electrical & Electronics Engg.  
Narsipatnam.

  
**Sri Dr T Srinivasa Rao**  
**Head of the Department**  
Dept. of Electrical & Electronics Engg.  
Avanthi Institute of Engg. & Tech. AIET,  
Narsipatnam.

## **ABSTRACT**

In today's world electricity is most needed facility for the human being. All the conventional energy resources are decreasing day by day. So, so we need to shift from non-renewable to renewable energy resources. Here combination of solar and wind energy system is implemented. This is the best process that gives sustainable energy resources without damaging the nature. We can give uninterrupted power by using hybrid energy system. The power generation capacity of dual power generation system is more than the individual generation capacity. They can charge the battery at faster pace than they would individually do. This paper focuses on an integrated hybrid renewable energy system consisting of wind and solar energy. The application and different theories related to the development of hybrid also discussed in this paper.

Keywords: Solar energy, Wind energy, Servo motor.