



TEAM “*URJAA*”

WELCOMES YOU TO THE SGA OF  
SARASWATI SISHU VIDYA MANDIR  
HIRAKUD



## ***TEAM-URJAA***

TEAM LEADER: Miss Monalisa Mohapatra

TEAM MEMBER: Mr Pawan kumar Gupta

Mr Swarup kumar Sahoo

Mr Susant kumar Behera

Miss Sagarika Senapati

Miss Jyotirmayee Sathpathy

GUIDE TEACHER: Mr Rabi chandra Budek





## *OBJECTIVE*

“TO ACHIEVE 10% REDUCTION IN ELECTRICITY CONSUMPTION OF OUR SCHOOL , S.S.V.M., HIRAKUD BY MAR-06.”



## **DATA COLLECTION**

We have collected the data of Electricity consumption of our School consecutively for last six months & the figures are as follows,

<b>MONTH</b>	<b>UNITS</b>
<b>FEB-05</b>	<b>2130</b>
<b>MAR-05</b>	<b>2462</b>
<b>APR-05</b>	<b>3100</b>
<b>MAY-05</b>	<b>2176</b>
<b>JUN-05</b>	<b>2346</b>
<b>JULY-05</b>	<b>2567</b>

**AVERAGE: 2463 UNIT /MONTH**

**10% REDUCTION IN ELECTRICITY COMES TO 246.3 UNITS PER MONTH**

# *FIELD WORK*

We have Surveyed the total electrical fittings of our school  
And found out that by putting proper energy saving devices  
The said target of 10% reduction can be achieved.  
The no.of electrical appliances are as follows,

TUBE LIGHTS(40W)	– 14 NOS
FANS	- 20NOS
BULBS(100W)	- 32NOS
PUMP(2HP)	- 1NO
HEATER(1000W)	- 2 NOS`
TV	- 1 NO
STREET LIGHT(200W)	-2 NOS



## **ACTION PLAN**

1. After reviewing the number of electrical appliances our SGA team has planned to carry out different actions for the energy conservation drive in consultation with HINDALCO HIRAKUD personnel .

2. The time bound action plane with defined responsibility was formed to carry out the activities.

## ***ACTION PLAN***

ACTIONS	TARGET	RES P.	REMARKS
Conventional chokes to be replaced by electronic chokes	SEP-05	PKG	
Conventional bulbs to be replaced by Energy saving tube lights	NOV-05	SKS	
Minimizing the utilisation of pumps& heaters	ONGOING	SS	
Conventional regulator to be replaced by Electronic regulator	JAN-06	JS	
Switching off all electrical appliances during the recess hours.	ONGOING	SKB	
Creating awareness among the students and staffs for optimum use of electrical appliances.	ONGOING	MM	



## *CONCLUSION*

**We have initiated this ENCON PROJECT with the sustained team effort for the energy conservation drive .We want to extend this drive right from the school to our home and society by creating awareness among ourselves as well as with the nearby society.**

***“ENCON TODAY FOR SMILE TOMORROW”***



THANK U