

## National Energy Conservation –Day 14/12/2023

National Energy Conservation Week was celebrated from 7/12/2023 to 15/12/2023 by Physics Dept. by Conducting various Programs. The details of events were as follows:

Date: 7/12/2023:

International Seminar was arranged on the occasion of Inauguration of celebrations of Energy conservation week.

Topic: Sustainable Energy Solutions.

Resource person: Dr.Karthik Kannan, Professor, Australian center for Sustainability Development Research & Innovation, Australia.

Dr .Karthik Kannan has explained mainly about the production of Hydrogen from Solar Photo voltaic cells & the techniques to be implemented to increase the efficiency of solar cells and the production of energy. He also explained what are the better metals that are to be used to enhance the production of Hydrogen. He explained about the advantages of H<sub>2</sub> production from solar energy in future.



Details of various Competitions conducted on the occasion of celebrations of Energy conservation week.

S.No	Name of the Event	No.of Participants	I Prize	II Prize	III Prize
1	Poster Presentation 11/12/23	31	S.Lahari IIBsc Nalanda Degree college	G.Lakshmi Bhavani, IIBsc KBN College	N.KavithaIII BscNalanda Degree College
2	Essay writing 12/12/23	122	V.Sai Praneetha ,IIBsc,KBN College	Nazia Fathima, IIBsc,Nalan da Degree College	K.Manaswi,II Bsc,ALC
3	Dumb charades 12/12/23	29	MD.Ayesha, D.Tirumala Trisha, KBN College	Y.Naga sri Harshini,V. Sai Praneetha KBNColleg e	K.Nikhitha, CH.Subhagya KBN College
4	Power Point Presentation 13/12/23	23	B.Madhuri, IIBsc, Nalanda Degree College	N.Anantha Ramudu, IIBsc, ALC	M.Sri VaishnaviIBs c,SDMSMK



POSTER PRESENTATION –TOPIC :SUSTAINABLE ENERGY SOLUTIONS



# PPT-TOPIC : ENERGY CONVERSION TECHNOLOGIES

## Energy Conservation Awareness Rally

On the Occasion of Energy Conservation day ,all the Bsc students of SDMSMK have participated in the Awareness Rally for Energy Conservation on 14/12/2023 in association with APSECM Govt of AP with District Collector Sri.S.Dilli Rao & joint Collector Sri P.Sampath kumar and APCPDCL Chairman Sri J.Padma janardhana Reddy . In this rally students created awareness on Energy saving tips. After rally they attended the meeting by Dy. Collector, Joint Collector & the members of APSECM, Govt of A.P.



## Validictory function of Celebrations of Energy Conservation Week

Seminar on Energy Conservation and followed by Prize disribution:-

Chief Guest: Sri T.V.V.Siva Ramakumar OSD-APSECM GOVT. OF AP

Date : 15/12/2023

In this Seminar he explained about the Energy saving tips to be followed while using Domestic Electrical Appliances. Also he explained the Techniques to improve Energy Efficiency.

Poster on National Energy Conservation was released on that day. He advised Environmental protection methods to be followed while producing Energy from various sources .He mainly focused on Energy saving in the present scenario in view of future generation.



## Prize Distribution

