




# **Report of Renewable Energy Committee (2021-22)**



**Mehr Chand Mahajan  
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[www.mcmdavcwchd.edu.in](http://www.mcmdavcwchd.edu.in)**

- Renewable energy committee of the college organized an online **Popular Akshay Urja Lecture** sponsored by Chandigarh Renewable Energy and Science & Technology Promotion Society (CREST) on August 20, 2021 to celebrate Akshay Urja Diwas. Dr. Vikrant Sharma, Deputy Director (Technical) and Head, Skill Development Division, National Institute of Solar Energy (NISE), Gurugram, was invited as resource person for the event. Dr. Vikrant gave an overview on the use of solar energy technologies and the renewable energy targets set by the government for the year 2022. The session was attended by 70 students & 03 teachers of science departments. An online inter-college poetry writing competition sponsored by CREST was also organized on the theme '**Impact of Akshay Urja in India**'. As many as 20 students from different colleges of Chandigarh participated in the event.


**Mehr Chand Mahajan**  
**DAV College for Women, Chandigarh**  
 in collaboration with  
**Chandigarh Renewable Energy and**  
**Science & Technology Promotion**  
**Society (CREST)**  
 celebrates  
**AKSHAY URJA DIWAS-2021**


  
 by organizing  
**POPULAR AKSHAY URJA LECTURE**  
 by  
**DR. VIKRANT SHARMA**  
 Deputy Director, National Institute of Solar Energy (NISE), Gurugram  
 (An Autonomous Institute of Ministry of New & Renewable Energy)  
 Webinar link: <https://msst.google.com/join?meeting=11111111111111111111>  
 (Please join the meet by 10.50 am on 20.08.2021)

**&**  
**AN ONLINE INTER-COLLEGE POETRY WRITING COMPETITION**  
**Theme: Impact of Akshay Urja in India**  
**IMPORTANT**

- Original entries are invited from undergraduate and postgraduate students for Poetry contest.
- Language of the poem may be Hindi, Punjabi or English.
- One person cannot post more than two poems for competition.
- All poems must have a title and must not exceed 100 words.
- Plagiarism is not permitted.
- Hand written or typed poetry should be uploaded in pdf format.
- Last date of submission of entries is 25.08.2021.
- Results will be announced on 30.08.2021 and will be intimated to the participants through E-mails.
- All eligible entries will be awarded with e-certificates.
- Register & submit your entries for poetry contest at <https://forms.gle/AA92bnBOGULU8Up>

**CASH PRIZES WILL BE AWARDED TO FIRST THREE POSITION HOLDERS**  
 1<sup>st</sup> prize- Rs. 1500/-, 2<sup>nd</sup> prize- Rs. 1000/-, 3<sup>rd</sup> prize- Rs. 500/-

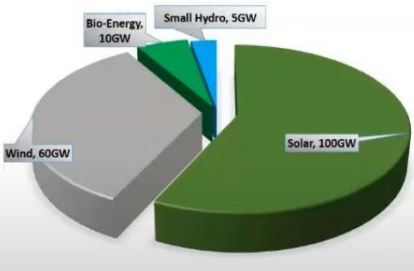
Dr Neetu & Dr Sarabjeet Kaur (Coordinators)    Dr Divya Sharma & Ms. Kadambari (Co-coordinators)    Dr Nisha Bhargava (Principal and Convener)

**एमसीएम ने अक्षय ऊर्जा दिवस मनाया**  
 MEHR CHAND MAHAJAN DAV COLLEGE FOR WOMEN, CHANDIGARH  
 Celebration of Akshay Urja Diwas

  
 Dr. Nisha Bhargava (Principal)    Dr. Vikrant Sharma (Deputy Director, Technical & Head, Skill Development Division, National Institute of Solar Energy)

**ह्यूमन इंडिया / ब्यूरो**  
**चण्डीगढ़।** मेहर चंद महाजन डीएवी कॉलेज फॉर विमन, चंडीगढ़ ने अक्षय ऊर्जा दिवस मनाया। राष्ट्रीय सौर ऊर्जा संस्थान, गुरुग्राम के कौशल विकास प्रभाग से उपनिदेशक (तकनीकी) और प्रमुख डॉ. विक्रान्त शर्मा, व्याख्यान के लिए प्रमुख वक्ता थे। डॉ. विक्रान्त ने सौर ऊर्जा प्रौद्योगिकियों के उपयोग और वर्ष 2022 के लिए सरकार द्वारा निर्धारित अक्षय ऊर्जा लक्ष्यों पर विस्तार से चर्चा की और पूरी प्रक्रिया को समझाया। डॉ. शर्मा ने कुशल व्यक्ति की आवश्यकता के महत्व पर प्रकाश डाला। रोजगार सृजन, पर्यावरण के अनुकूल ऊर्जा उत्पादन, लंबी अवधि के लिए अन्य ऊर्जा संसाधनों की संभरता, आदि व्याख्यान में डॉ. विक्रान्त शर्मा द्वारा विस्तार से बताए गए कुछ महत्वपूर्ण पहलू हैं। उन्होंने छात्रों को सौर ऊर्जा के उपयोग से परिचित होने के लिए प्रयोगों और परियोजनाओं को अपनाने के लिए प्रेरित किया और कॉलेज को भी अक्षय ऊर्जा के उपयोग पर चल रही परियोजनाओं का विस्तार करने के लिए प्रोत्साहित किया। भारत में अक्षय ऊर्जा का प्रभाव विषय पर क्रेस्ट द्वारा प्रायोजित एक ऑनलाइन इंटर कॉलेज कविता लेखन प्रतियोगिता भी आयोजित की गई थी। प्रधानाचार्या डॉ. निशा भागव ने स्वाधीन भविष्य के लिए अक्षय ऊर्जा संसाधनों के महत्व के बारे में जागरूकता बढ़ाने वाली इस पहल की सराहना की। उन्होंने यह भी बताया कि पर्यावरण के प्रति अपने दायित्व को निभाते हुए एमसीएम कॉलेज अक्षय ऊर्जा के उपयोग जैसे सौर ऊर्जा के उपयोग और मेस फूड वेस्ट से बायोगैस के उत्पादन को अपनाने में अग्रणी संस्था रही है।

Overview of Solar energy scenario (1) - PowerPoint  
**Renewable Energy Targets by 2022 : (175 GW)**



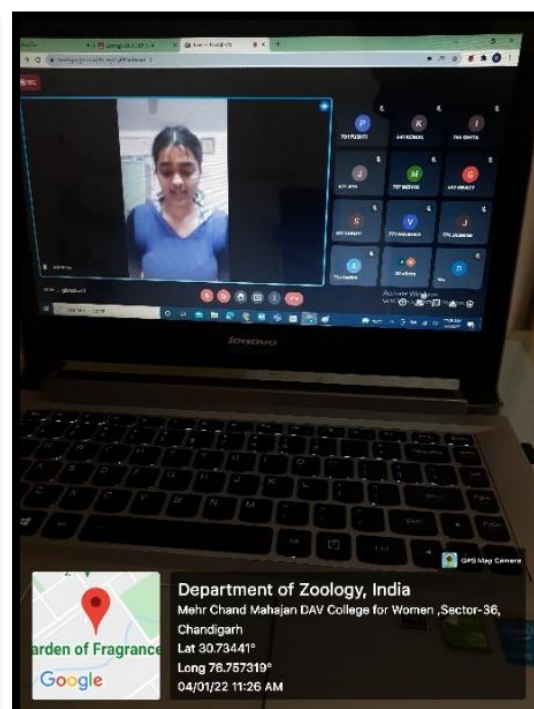
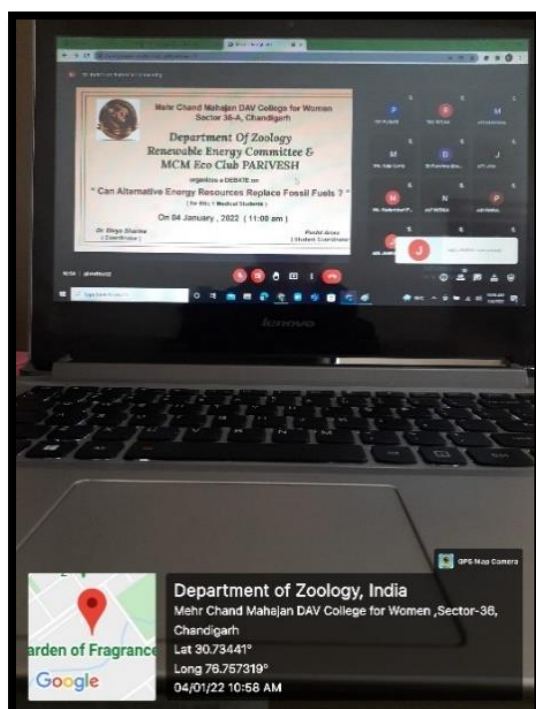
Source	Target (GW)
Solar	100
Wind	60
Bio-Energy	10
Small Hydro	5
<b>Total</b>	<b>175</b>

Vikrant Sharma

- Organized a Collage making competition on the theme ‘Save Energy, Save Future’ under the aegis of Innovation Council 4.0 on December 14, 2021. The participants mentioned several ways for minimizing the use of energy for a better healthy environment. 35 students of B.Sc. Medical, Non-Medical and Computer Science & Applications participated in this competition and shared their innovative ideas for saving energy and protecting the environment for future generations.



- Organized an online debate on the theme ‘Can Alternative Energy Resources Replace Fossil Fuels?’ in collaboration with MCM Eco-club ‘Parivesh’ on January 04, 2022. During this one-hour session, four students of B.Sc. I Medical presented their views on the theme. Ishita highlighted the reasons to replace fossil fuels with alternative sources of energy so as to prevent future generations from the energy crisis and to control ever-rising carbon emissions. Isha expressed her concern over clearing up of huge forest lands which causes threat to wildlife. Ankita explained how fossil fuels powered the industrial revolution and shaped the modern world. Komal explained the harmful effects of the emissions from fossil fuels.



- Renewable energy committee supervises the task of regular cleaning of rooftop Solar power plants of 360 KW capacity along with 11.6 KW solar panels with battery backup which have been installed in the college with a total of 1153 on grid solar panels (583 in college campus + 570 in hostel campus) and 36 off grid solar panels (15 in college campus + 21 in hostel campus).

