7.1.2 The Institution has facilities and initiatives for

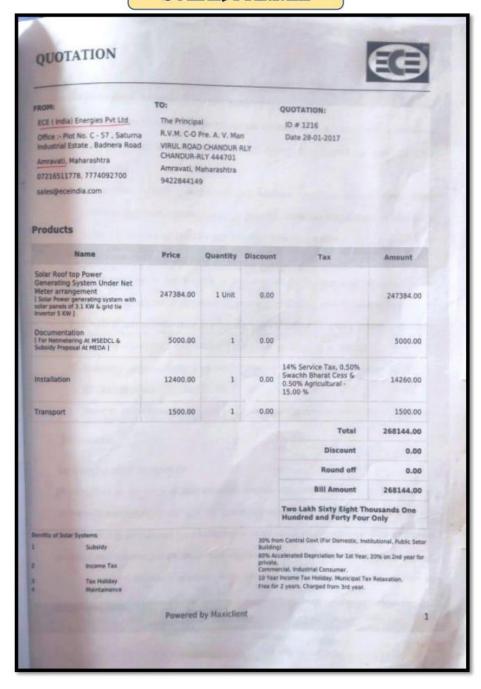
Rajarshee Shahu Science College, Chandur Railway strives to provide the quality education as per the vision and mission statement. College has identified the areas of sensitization of students in relativity with environment, energy, sustainability inclusiveness and provided a conducive environment through the facilities and activities in tune with the Perspective plan, policies, and procedures. This helped in accepting the challenges of 21st century and NEP 2020 to undertake initiatives to address glocal (Global and Local) issues. The role of institute is reflected in terms of various programmes and activities incorporating within its regular functioning. The Institution has facilities and initiatives for

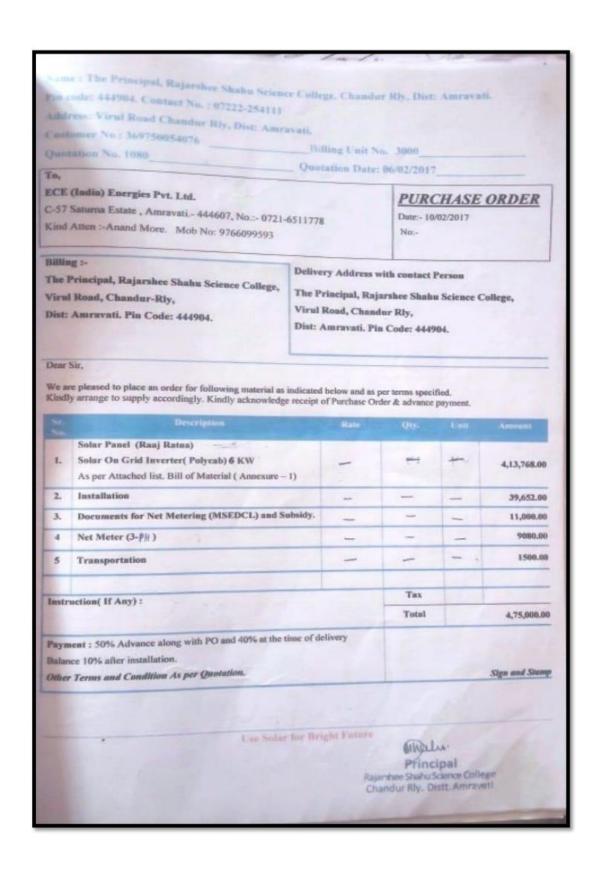
1. Alternate sources of energy and energy conservation measures

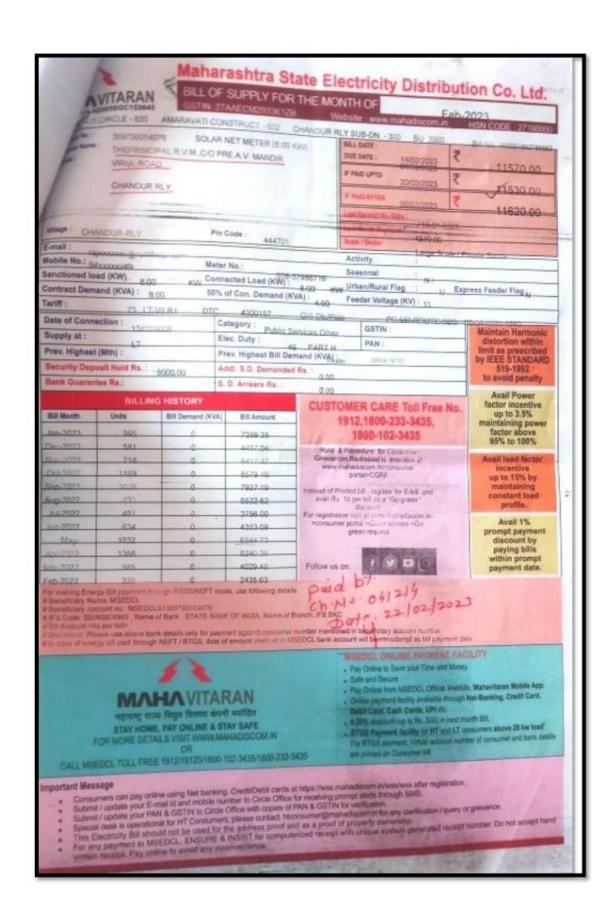
The Institution has facilities for alternate sources of energy and energy-conservation measures. 500KWP energy is generated through the solar panels and 25% of electricity consumption is met by these solar panels. Energy-saving LED bulbs and power-efficient equipment are used in the college campus. Ordinary lights have been replaced by CFL and LED lights to conserve energy. Institute is focusing on use of LED lights to save energy especially at common places. At the institute all fluorescent tube lights has been replaced with LED lights and used at Common places like washroom, Department passages, and Conference room etc. to save energy.

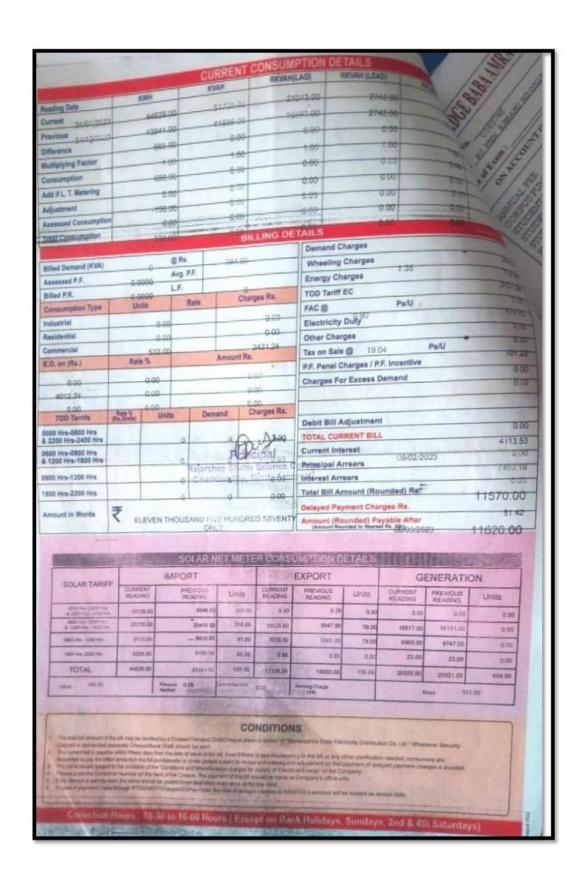
ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

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Hands on Activity on topic 'Electrical Components Measurement Techniques and its Uses'

04/04/2024

Objective of the Activity:

Hands-on activities are instructional techniques that allow participants to learn by doing. They can help students develop critical thinking skills, problem-solving abilities, and a deeper understanding of the subject matter. Hands-on activities can also help students learn from their failures and gain practical experience

Collaborator NSS officer and Unit

BRIEFING OF ACTIVITY:

On Thursday, April 4, 2024, the Department of Physics, in collaboration with the Department of Electronics, organized a guest lecture and hands-on activity on the topic 'Electrical Components Measurement Techniques and its Uses'. The event was held at Atul Jagtap Memorial Hall and began with the ceremonial lighting of the lamp and garlanding the photo of Rajarshee Shahu Maharaj.

President of the Program Dr. P. R. Wadnerkar, Principal of our college, Guest Speaker Dr. Suryakant Rodage, Associate Professor and Head, Department of Electronics, Head of Physics Department Mr. S. A. Wani, Faculty Members Dr. A.P. Pachkawade, Dr. Ms. Roshani N. Bhagat, Ms. Pallawi Deshmukh were present on the dias.

The event commenced with a welcome note and introduction of the guest speaker by Ms. Pranoti Ujjenkar and introductory speech by Mr. S. A. Wani. The chief guest Dr. Suryakant Rodage was honoured with shawl, shrifal and sapling at the hands of Principal, Dr. P. R. Wadnerkar. Dr. Wadneker in his presidential address express heartfelt gratitude to the distinguished speaker, organizers, and appeal all student participants to enrich their knowledge as much as possible.

The lecture covered various aspects of electrical components and their measurement techniques and demonstrated various measurement techniques using different tools. The lecture was comprehensive, providing both theoretical knowledge and practical insights, which was well-received by the audience.

Following the lecture, a Q&A session was held, allowing participants to engage directly with the guest speaker. The students actively participated in the interactive session,

demonstrating their interest and curiosity about the topic. The event not only provided valuable insights but also stimulated students' interest in the electronic world.

The programme was anchored by Ms. Ruchika Kubade and the workshop concluded with a vote of thanks delivered by Ms. Maitri Gawande, expressing gratitude to all dignitaries, participants, and organizers for their contributions to the event's success.





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तालुका प्रतिनिधी / वृत्त केसरी

चांदुर रेल्वे: स्थानिक राजश्री शाहू सायन्स कॉलेज, चांदूर रेल्वे येथील भौतिकशास्त्र विभाग व इलेक्ट्रॉनिक्स विभाग यांच्या संयुक्त विद्यमाने 'गेस्ट लेक्नर' तसेच 'हँड्स ऑन ॲक्टिव्हिटी' चे 'इलेक्ट्रिकल कंपोनंट मेजरमेंट अँड इट्स युजेस' या विषयावर कार्यशाळेचे आयोजन करण्यात आले होते.

या कार्यक्रमाकरिता आदर्श महाविद्यालय धामणगाव येथील डिपार्टमेंट ऑफ इलेक्ट्रॉनिक्सचे असोसिएट प्रोफेसर डॉ. सूर्यकांत रोडगे प्रमुख पाहुणे म्हणून लाभले. तसेच कार्यक्रमाचे अध्यक्षस्थानी महाविद्यालयाचे प्राचार्य डॉ. पराग वडनेरकर हे होते. कार्यक्रमाचे प्रास्ताविक भौतिकशास्त्र विभाग प्रमुख एस. ए. वाणी यांनी केले. बीएससी फर्स्ट ईयर सीबीसीएस अभ्यासक्रमात 'स्किल एनहाउंसमेंट मॉड्युल' अंतर्गत रोडगे सरांनी रजिस्टर, कंडक्टर व इंडक्टन्स यांचे मेजरमेंट कसे



घ्यावेतत्याबद्दलतसेचत्याचेएएलीकेशनव प्रॉपर्टीविद्यार्थ्यांनापावरपॉइंटप्रेझेंटेशनच्या माध्यमातून समजावून सांगितले व हाँड्स ऑन ऑक्टिव्हिटी अंतर्गत डेमोस्ट्रेशन करण्यात आले. डिजिटल मल्टीमीटर चा उपयोग करून इलेक्ट्रॉनिक्स कंपोनंट्सचे मोजमाप कसे करावेत याची कार्यशाळा घेण्यात आली. सदर कार्यक्रमात ११० विद्यार्थ्यांचा समावेश होता. कार्यक्रमाचे संचालन बीएससी भाग दोन ची विद्यार्थिनी रुचिका कुबडे हिने केले तर प्रमुख पाहुण्यांची ओळख अनुष्का गुजर तर आभार प्रदर्शन मैत्री गावंडे हिने केले. सदर कार्यक्रमात 'एस्टॉनोमिकल इवेंट' या थिम वर 'पोस्टर मेकिंग कॉम्पिटिशन' व' मॉडेल मेकिग कॉम्पिटिशन' या प्रतियोगीते चे पुरस्कार वितरण सोहळा देखील करण्यात आला. त्यामध्ये निकिता लिल्लारवे, सानिया शेख, सानिका गावंडे, वैष्णवी मडावी अँड ग्रुप, समीक्षा कुबडे अँड ग्रुप आणि प्रतीक्षा पाटणे आणि ग्रुप प्रतियोगितेच्या विजेत्या ठरल्या. त्याचप्रमाणे गोपिका युनाते, बीएससी भाग १ ची विद्यार्थिनी भौतिकशास्त्र विषयात सर्वाधिक गुणप्राप्त केल्या मुळेरोख रक्कम५०० रुपयाचं बक्षी सप्रदान करण्यात आले. कार्यक्रमाचे यशस्वतीकरिता भौतिकशास्त्र विभागाचे विभाग प्रमुख एस. ए. वाणी, डॉ. ए. पी. पाचकवडे, डॉ. आर. एन. भगत तसेच प्राध्यापिका पळवी देशमुख यांनी परिश्रम घेतले.

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