

WORKSHOP ON RENEWABLE ENERGY

The Department of Physics at SVSSC Government Degree College in Sullurpet hosted a one-day workshop on renewable energy sources on December 31st, 2021, which was attended by 75 students and 9 staff members.

Details on the Workshop

The energy industry has a significant impact on a country's prosperity and development, as is well known. The need for the most efficient use of energy resources for long-term growth is being pushed by a worldwide energy crisis. Numerous innovations were motivated by the energy crisis across the board. Every country's economic success is dependent on the availability of energy resources and the ability to make intelligent products.

Objectives of Workshop

- To educate teachers and students on energy awareness in order to promote sustainable development
- To increase public knowledge of the significance of energy conservation, planning ahead of time, and making educated energy decisions
- To be familiar with current renewable energy developments and technology
- To gain a better understanding of the future of renewable energy technology and to showcase cutting-edge renewable energy technologies
- To schedule a tour of the renewable energy business.

The college's principal, **Dr. S.L.B. Sankara Sarma**, welcomed the teachers and resource people, highlighting the need to focus on renewable energy sources. The workshop was then declared open by him.

The resource person, **Dr. P. Venkatesu**, Professor of Physics, YSR Government Degree College, Vedurukuppam, began the first session by outlining the current demand for non-conventional energy sources such as solar, wind, tidal power, geothermal power, hydropower, and biomass, as well as the critical difficulties. He also used solar and wind energy systems as case studies.

In the second session, **Sri SK.Nayamthulla**, Associate Professor of Physics, Government Degree College, Vidavalur, SPSR Nellore District, discussed various technology areas that

contribute to the development of renewable energy sources, as well as the measurement and standards capabilities that would be required to implement these technologies and monitor human impact on our environment and global climate change.

The principal praised the Physics Department for organising the programme. He also expressed gratitude to the resource people for sharing their expertise. **Dr.V. Raja**, Professor and Head, Department of Physics gave a brief update on the department's development, and **Dr.J.Subrahmanyam**, Professor of Physics, proposed a vote of thanks, expressing gratitude to the resource persons and all guests for helping to make the event a huge success.



