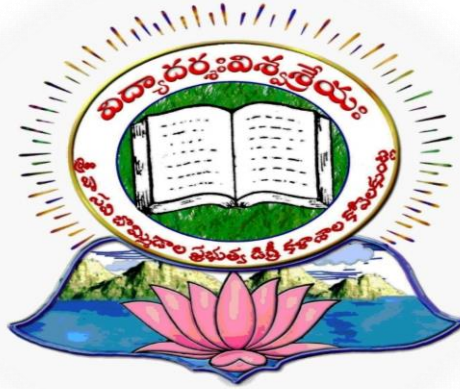


**S.V.B. Government Degree College**  
Koilkuntla,  
Nandyal Dist. A.P.



Best Practice : Energy Literacy Programme  
Department of Physics

### Brief Description of the Practice:

Energy is the key driver of social and economic growth of any country or community. Communities and countries having sufficient energy sources are able to grow technologically and economically faster than others who don't have such access. But, current energy generation and supply systems are mainly centralized and heavily dependent on fossil fuels. This results in dependency on energy imports, the financial burden on governments, loss of energy in transmission and distribution. Moreover, currently, 80-85% of the world's energy needs are being fulfilled with fossil energy, the main cause of global warming and climate change. Its impacts can be seen in the form of forest fires, floods, heat waves, and cyclones with increasing intensity and frequency.

In this "Energy Literacy Programme" we aim to educate the student community to have an understanding of energy generation and consumption, and its impact on the environment. Energy Literacy training would enable individuals to make informed decisions on sources of energy to be used and appropriate amounts to be used.

### Aims and Objectives:

- ✓ To make the students realize how much of energy we are using in day-to-day life.
- ✓ To make the students understand about the sources of energy
- ✓ To make the students know about the units of energy and how to quantify the energy in simple terms.
- ✓ To enable the students know about the carbon footprint
- ✓ To raise awareness of the students on climate change due to energy consumption

### The Practice:

- Conducting classes for the student community on various topics relating to energy on different days to know about the basic facts of energy, sources of energy, misuse of energy, saving of energy, environmental effects, and alternating energy sources.
- Organizing the debates and group discussions about various topics taught during the training programme.
- Conducting an assessment test for the student community how far they understand about the energy literacy programme.

### Evidences of success:

- Students have become conscious of the quantum of their daily energy consumption
- Students are able to quantify their daily energy consumption Students have become aware of the carbon footprint they are leaving behind
- Students are actively participating in environmental awareness programmes

### Problems Encountered:

- The major constraint is the availability of experienced faculty.
- Though the practice has a lot of merits, there are certain challenges in developing the student community.
- To bring the student community at the same level of through to the training modules.

#### Resources Required:

- The availability of the proper information in the form of material.
- The trainers for delivering the information to the student community.
- Audio visual aids for the teaching as well as for the updated information.

