

Lecture No-40

Fuel Chemistry

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Conventional and Non-Conventional Sources of Energy

What are the advantages and disadvantages of conventional and Non-Conventional energy sources?

Conventional energy sources are also known as a **non-renewable** energy source and have the following **advantages**:

1. The efficiency of the energy source is high
2. This energy source is a well-known source
3. The production expenses are low

What are the **disadvantages** of conventional energy sources?

1. It is not environmentally friendly
2. When used on a longer run, can deplete soon

Advantages of non-conventional sources of energy

1. These sources of energy are environmentally friendly
2. They are inexhaustible
3. They are easy to operate

Disadvantages of non-conventional sources of energy:

1. Wind energy is one of the non-conventional sources of energy which is expensive and can be a cause of noise pollution
2. Radioactive wastes are produced in nuclear energy

Importance of the non-conventional source of energy:

Non-conventional sources of energy are considered to be important as they are renewable, pollution-free, availability of them is in abundance, and they are environmentally friendly.