**NCES Ist ASSIGNMENT**

1. Explain the need for energy alternatives.
2. Explain briefly India’s production and reserves of commercial energy sources.
3. Explain solar energy. What are the advantages and disadvantages?
4. Explain solar constant.
5. Explain with the help of sketch solar radiation at the earth surface.
6. Explain solar radiation geometry.
7. Explain with neat sketch liquid flat plat collector.
8. Explain with neat sketch solar energy water heating.
9. Explain with neat sketch solar pond.
10. Explain with neat sketch solar energy water heating.