

## ENS 503 ENERGY RESOURCES

(Credits 04)

### OBJECTIVE

To develop broad understanding of energy sources, energy utilization and energy-economy-environment-health linkage enabling learners to meet the challenge of optimum energy needs and quality environment

### SYLLABUS

**The Energy Scenario:** Introduction; Interactions: E<sup>3</sup>H  
**Energy Resources and Conservation:** Renewable and non-renewable; Conservation; Policies; Conservation of energy through demand management and technology development

### SUGGESTED READINGS

*Environmental Studies: From Crisis to Cure*- R. Rajagopalan, Oxford University Press, New Delhi.  
*Agricultural Residues on Fuel in the Third World*-G. Barnard and L.Kristoferson, Earthscan, London.  
*Energy and Environment: Some Key Issues*- T. Vukina, The Economic Development Institute, The World Bank, Washington D.C.  
*Environmental Considerations in Renewable Energy Policy and Investment Planning*- W.K. Foell, M.E. Hanson and C.W. Green, The Economic Development Institute, The World Bank, Washington, D.C.  
*Improved Cooking Stoves in Developing Countries*- G. Foley and P. Moss, Earthscan, London.