

Department of Chemistry
Jaggiwan College, Ara

Class - B.Sc II, group - B

Sub - Inorganic Chemistry

Topic - Thermodynamics

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Designation: Assistant professor

Thermodynamics:— It is the branch of physics which deals with process involving heat, work and internal energy. Thermodynamics is concerned with macroscopic behavior rather than microscopic behavior of the system.

Open system:— A system which can exchange both energy and matter with its surroundings.

Closed system— A system which permits passage of energy but not mass, across its boundary.

Isolated system— A system which can neither exchange energy nor matter with its surrounding.

Boundary - Anything which separates system from surrounding.

To be continued