

## **Core Course-VI: Theory -Indian Geology and Palaeontology**

### **Block-I Indian Geology-I**

Unit-1 Principles of stratigraphy, geological time scale

Unit-2 Physiographic divisions of India

Unit-3 Azoic- Proterozoic groups

### **Block-II Indian Geology-II**

Unit-4 Paleozoic- Mesozoic groups

Unit-5 Tertiary and Quaternary formations

Unit-6 Geology of Andhra Pradesh and Telangana

### **Block-III Palaeontology -I**

Unit-7 Introduction to palaeontology

Unit-8 Conditions and kinds of fossilization & uses of fossils

Unit-9 Classification of Organisms

### **Block-IV Palaeontology -II**

Unit-10 Foraminifera and Corals

Unit-11 Gastropods, Cephalopods and Pelecypods

Unit-12 Brachiopods, Echinodermata, Trilobites and Graptolites

## **Core Course - VI Practical - Palaeontology**

### **Block - III- Palaeontology-I**

Unit - 1 Study of Fossils

Unit -2 Identification of Fossils of Foraminifera and Corals

Unit - 3 Identification of Fossils of Gastropods,

Unit- 4 Identification of Fossils of Brachiopods,

### **Block IV Palaeontology - II**

Unit-5 Identification of Fossils of Cephalopods

Unit-6 Identification of Fossils of Pelecypods

Unit -7 Identification of Fossils of Trilobites,

Unit- 8 Identification of Fossils of Echinoids and Graptolites.