

## **Core Course-IV: Theory-Sedimentary and metamorphic petrology**

### **Block-I Sedimentary Rocks-1**

Unit-1 Formation of Sedimentary rocks

Unit-2 Classification of Clastic rocks

Unit-3 Classification of Non Clastic rocks

### **Block-II Sedimentary Rocks-2**

Unit-4 Sedimentary Textures

Unit-5 Sedimentary Structures

Unit-6 Description of Sedimentary rocks

### **Block-III Metamorphic Rocks**

Unit-7 Metamorphism-Agents and kinds

Unit-8 Textures and Structures of Metamorphic Rocks

Unit-9 Types and Classification of Metamorphic Rocks

### **Block- IV Types of Metamorphism**

Unit-10 Cataclastic and thermal Metamorphisms

Unit-11 Dynamothermal and Plutonic Metamorphisms

Unit-12 Description of metamorphic Rocks

## **Core Course-IV Practical- Sedimentary and metamorphic Petrology**

### **Block-1 Sedimentary Rocks**

Unit-1 Textures of sedimentary rocks

Unit-2 Structures of sedimentary rocks

Unit-3 Megascopic identification of Sedimentary Rocks

Unit-4 Microscopic identification of Sedimentary Rocks

**Block -II Metamorphic Rocks**

Unit-5 Textures of metamorphic rocks

Unit-6 Structures of metamorphic rocks

Unit-7 Megascopic Identification of Metamorphic Rocks

Unit-8 Microscopic Identification of Metamorphic Rocks