

## **Name of the project: Karnataka Coastal Biodiversity and Information Management System**

### **Objectives:**

- Survey and documentation of Biodiversity Resources such as Mangroves, Coastal Vegetation, Benthic organisms, Marine organisms including aquatic mammals, fishes, invertebrates like mollusks, crustaceans etc.,
- Developing Karnataka Coastal Biodiversity Information System using GIS system.
- Developing stakeholders Capacity on pilot scale through formation of BMCs as per the Biodiversity Act.
- Mainstreaming of Biodiversity conservation system to the line Departments like, Forest, Fisheries, Agriculture and other institutions,

To achieve the objectives of the project, the following components are envisaged:

1. Survey of Biodiversity Resources
  - Flora including agricultural and forestry, livestock Biodiversity
  - Fauna both marine and freshwater, Birds and Butterfly Biodiversity
2. Developing Karnataka Coastal Biodiversity Information System (GIS based MIS)
3. Capacity Building (Training, people's Biodiversity Registers and formation of BMCs)

### **Outputs:**

- Karnataka Biodiversity Information System
- Geographical Information System
- Documents such as:
  - Books/Hard copies of flora, fauna, avian and butterfly biodiversity
  - Maps for threatened status of flora, fauna, avian and butterfly biodiversity
  - Photographs of flora, fauna, avian and butterfly biodiversity
- Conservation strategy and Recommendation
- Training Modules,
- Model People's Biodiversity Register