

## Topics of Research proposals

### Area of Research/Study :-

- Biodiversity.
- Ecological/Environmental/Climate Change Studies.
- Wildlife Studies.
- Socio Economic Studies.
- Impact – Evaluation Studies.

#### I. Biodiversity studies :-

- Study of Marine Bio-diversity of Goa Status, Conservation and Protection measures required for scientific management.
- Floral and faunal Diversity Survey in Forest/PA's of Goa.
- Ethno-Botanical Studies of Medicinal Plants in Goa.
- Status of Medicinal plants abundance of species and identification of vulnerable species
- Status of Bamboo and its potential in Goa.
- Status of Conservation & Management of Sacred Groves in Goa and documentation to be uploaded in the Government website.
- Tree Diversity study of Madgao, Ponda and other areas.
- Rare species in Goa Forest Status, Conservation and Protection measures.
- Soil and geographic study in Goa Forests.

#### II. Ecological/Environmental/Climate Change Studies :

- Study of Mangrove Diversity in Goa its Ecological significance in Goa specially w. r. t. climate change mitigation and adaptation.
- Study of wetland habitats in Goa.
- Ecological study of the Open Forest in Goa. Measures required to improve the quality and quantity of open forest.
- Grass Land Study.
- Propagation and revival of medicinal and rare/endemic species of Goa.

### III. **Wildlife Studies :-**

- Study on migratory/residential Birds in Important Bird Areas/PA's in Goa.
- Study of Spiders/Butterflies/Insects/Reptiles/Mammal/Avifauna etc. in PA's.
- To study the ecological status of the grassland in PA's and to suggest habitat improvement measures.
- Survey & Habitat Assessment of important wild species including wild boar/Guars/Crocodiles and suggest measures to reduce occurrence of man animal conflict.
- Impact of Soil and Moisture Conservation works in PA's in Goa.

### IV. **Socio-economic Studies :**

- To Develop and evolve ecologically and economically viable agro/farm forestry model for Goa to encourage people to take up plantation on Private land after relaxation in existing regulatory regime by Government of Goa.
- Study on Minor Forest Produce diversity in Goa and its Development, sustainable, extraction and Utilisation.

### V. **Impact-Evaluation Studies :**

- Impact assessment of tourists to Dudhsagar water fall in Mollem National Park, Goa.
- Peoples Biodiversity Registered (PBR) of village - forest.
- Assistance to Go Van Project of Goa State Biodiversity Board.
- Farm Forestry on the regulated regime i. e. commercial tree felling permission.