## **One Month Certificate Course**

On

**Biodiversity Conservation & Medicinal Plants** 



**INSTITUTE OF BIOLOGICAL SCIENCES, ODISHA** 

## **Section 1: Biodiversity Conservation**

Session 1: Biodiversity, Type of vegetation Session 2: Biodiversity assessment, assessment tools, Population analysis of plants & animals Session 3: Conservation issues and mitigation measures Session 4: Biological diversity act Session 5: Threatened plants Session 6: Threatened animals Session 6: Threatened animals Session 7: Plant-animal relationship Session 8: Wildlife health Session 9: Wildlife conflict

## Section 2: Medicinal plants

Session 11: Medicinal plants identification

Session 12: Characterization of medicinal plants

- Session 13: Field Botany
- Session 14: Herbarium technique
- Session 15: Screening of medicinal plants for biological activities
- Session 16: Medicinal plants of specific families
- Session 17: Plant extraction process and antimicrobial activities
- Session 18: Cultivation of medicinal plants
- Session 19: Unexplored aquatic medicinal plants
- Session 20: Threatened medicinal plants and their restoration.

## **E-Certificate will be provided**

A chapter in a book with ISBN or a paper will be published in the Journal of Biodiversity and Conservation from each participant

\*Exam after 20th session. An assignment has to submit on any above topic.



Institute of Biological Sciences