



CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA
Reaccredited by NAAC with 'A' grade

COURSE CODE

NAME OF THE COURSE

CVAC001

BIODIVERSITY CONSERVATION

OFFERED BY

BOTANY

ABOUT COLLEGE

COURSE COORDINATOR

SWEETY M .S
Department of
Botany

Chirst College (Autonomous), Irinjalakuda established in the year 1956 by CMI fathers has always been a place where young generations are moulded towards a bright future. College has excellent infrastructure, with state of the art laboratories, seminar rooms and lecture halls. The campus is Wi-Fi enabled. Presently Collge is house for 4500+ students, 200 teaching staff and 45 supporting staff. The strength of the College lies in its hardworking and tech savvy teachers who are eager to involve in all matters of students. The lush green campus with gardens and open gym is moving towards the next phase on education both offline and online.

LEARNING OUTCOMES

- Mastery in biodiversity and its conservation strategies.
- Recognize the need to conserve the wealth of Biodiversity
- Address environmental issues related to biodiversity
- Create social awareness in biodiversity conservation and sustainable utilization of bioresources

COURSE MODULE

Module I : Introduction

Module II: Value of Biodiversity

Module III: Ecosystem Restoration and Management Practices

Fr. Dr. John Andrews
Assistant Professor-
Christ College (Autonomous)
Irinjalakuda

SYLLABUS

MODULE I

Introduction- Definition, Genetic diversity, Species diversity, Ecosystem diversity - Basic concepts of conservation biology - Current practice in conservation - Conservation of genetic diversity, conservation of species diversity, conservation of ecosystem diversity - relevance of ecosystem diversity as well as services in conservation. (10 Hours)

MODULE II

Value of Biodiversity - Biodiversity and stability of ecosystem - Biodiversity at global, national and local levels India as a Mega Diversity Nation - Threats to Biodiversity- Ecosystem degradation - Conservation of Biodiversity - Strategies for conservation. (10 Hours)

MODULE III

Ecosystem Restoration and Management Practices - Valuing biodiversity resources and their contribution to agriculture, community health and environment - Causes of biodiversity loss - Biodiversity policy and legislation - Wildlife conservation and management - Conservation Practices in India and World. (10 Hours)

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Fr. Dr. Jolly Andrews
Principal
Christ College (Autonomous)
Irinjalakuda

VALUE ADDED CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA