

ANNOUNCEMENT

Short Term Training
Programme
on

Biodiversity Assessment &
Its Mitigation Measures in
Mining and Related
Industries

05-09 September 2015



Organized

By

Department of
Biotechnology & Medical
Engineering

National Institute of
Technology, Rourkela

Introduction

Biodiversity is the variety of different types of life found on Earth. It is a measure of the variety of organisms present in different ecosystems. This can refer to genetic variations, ecosystem variation, or species variation within an area, biome, or planet. Biological resources are the prime components and give us food, medicines and all others directly or indirectly for health life. Since long biodiversity has been loss due to several anthropogenic activities. Among those mining is one of the major factors that cause permanent biodiversity loss leading adverse environmental consequences. To overcome this, there is urgent need of mitigation strategies for biodiversity conservation. Keeping this in view, a short term training programme will be organized with an aim to give a clear idea about the biodiversity, their assessment and mitigation strategies to the industrial personnel.

Course outline

- Introduction to Biodiversity and Biodiversity loss due to mining / industrial activity.
- Biodiversity assessment (Flora & micro flora)
(Floral richness index, methods and models etc.)
- Biodiversity assessment (Faunal)
(Founal Richness Index, methods, models etc.)

➤ Biodiversity Act.

- Mitigation measures for biodiversity conservation
- Identification of major flora & fauna
- Field survey for Flora & Fauna

Resource Person

Prof. K. Pramanik is the key resource person
A few other faculty of the Institute and biodiversity professional

Who should attend?

Industry personal of Mining & Allied sector of Forest & Environment Department

Course Fee

Registration fee: Rs. 3,000 /-for study materials, tea & snacks and working lunch

Boarding and Lodging

Accommodation may be available in Institute Guest House on request and payment basis depending on the availability.

About the Institute & the Department

The National Institute of Technology, Rourkela formerly known as Regional Engineering College, Rourkela is a leading Technological Institution in India. The Institute recognised as an Institution of National Importance by the Act of the Parliament on 15 August, 2007. The Institute has made a rapid stride in earning a reputation as a place of higher learning with quality education in the field of Engineering and Technology during the last decade. The Department of Biotechnology and Medical Engineering was established in 2007 with the objective of providing a multidisciplinary research and teaching program in Biotechnology and Medical Engineering that advances fundamental understanding of how biological systems operate and to develop effective biology-based technologies for applications across a wide spectrum of societal needs including innovations in diagnosis, therapy of human diseases, design of novel biomaterials, biomedical devices, and in solving environmental hazard. The department is well equipped with infrastructure to meet the requirements of Undergraduate, Postgraduate courses and to carry out advanced level research work in various aspects of Biotechnology and Biomedical Engineering.

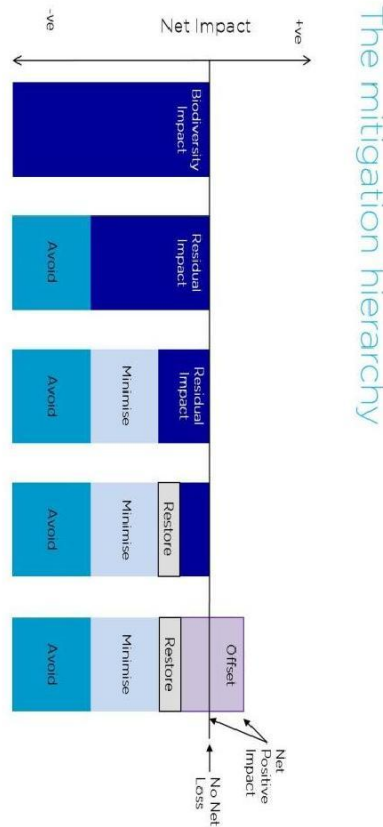
Program Coordinator

Prof. (Ms.) Krishna Parmanik

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APPLICATION FORM

Short Term Training Programme
on
Biodiversity Assessment & Its
Mitigation Measures in Mining
and Related Industries

**05-09
September 2015**

Name:

Gender: M / F

Highest Qualification:

Designation:

Organization:

Address: -----

E-mail: -----

Mobile No: -----

Details of registration fee:

D.D./cash

Amount:

Date:

Place:

Signature