

Online Training Program on  
**“Eco-rejuvenation and Biodiversity Development along the  
 Riverbeds and Landslides areas using Bioengineering Approach for  
 Ecological Sustainability”**

November 11, 2021

**OBJECTIVES**

- Evaluation of physico-bio-chemical characteristics of soils/slopes/gradients/detail geology of the site
- Optimization of various soil amendments for improving the properties of soils of the site to facilitate plant diversity establishment and overall growth
- Evaluation and Isolation, screening and development of effective microbial consortium for improvement of rhizosphere
- Selection of plant species that can withstand the existing hydrological conditions of the terrain of the sites
- Preparation of design and appropriate blend of organic wastes, soil, microbes and plant for sites
- Detailed evaluation of implemented work through the bioengineering method for mitigation of the landslide/overburden dump/mining areas

**COURSE CONTENTS**

- Site characteristics (Physical, chemical and biological parameters)
- Site characteristics geological aspects
- Species- and site-specific Bacteria
- Site and species specific Arbuscular Vesicular Mycorrhiza and their strains (VAM)
- Organic waste material according to site characteristics
- Process and design preparation for the site
- Rhizospheric ecology of plants species
- Soil binding factors of plants species
- Selection of plants species
- Characteristics of plants species
- Eco-Rejuvenation of landslides/overburden dump/ mining areas

**MODE OF TRAINING:** Online training through MS Team comprising Live lectures, Interactions, Q&A session, etc.

**REGISTRATION FEE**

- For Students (Graduate & above): **Free of Cost**  
 (Application through Google Link:  
<https://docs.google.com/forms/d/e/1FAIpQLSdSG4LsZAY0CHuh3fCDVYMFM7jBjfXUA3FTOJ9xLjcsnYYZMQ/viewform>)
- For Sponsored/Employed/Self Payment candidates, etc.: **Rs. 5,000/- (including GST)**
- **Fee will be paid online through SBI Collect link as mentioned below:**  
<https://www.onlinesbi.com/sbicollect/icollecthome.htm>
- Instructions for remittance of fee through State Bank Collect is shown below:  
**State of Corporate / Institution:** "MAHARASHTRA"  
**Type of Corporate / Institution:** "GOVT. DEPARTMENT"  
**GOVT Department Name:** "NATIONAL ENVIRONMENTAL ENGINEERING RESEARCH INSTITUTE"  
**Payment Category:** "WEBINAR / TRAINING PROGRAM REGISTRATION FEE"

**NOTE:- Kindly send SBI Collect Fee receipt on email [hv\\_singh@neeri.res.in](mailto:hv_singh@neeri.res.in) for confirmation**

**CERTIFICATE OF PARTICIPATION:** Certificate of Participation will be issued on successful completion.

**LAST DATE OF REGISTRATION:** October 11,2021

DIRECTOR	MENTORS	PROGRAM CO-ORDINATOR	COURSE CO-ORDINATOR
Dr. S. Chandrasekhar Director	Dr. Sadhna Raylu Chief Scientist & Head, EMD Dr. Atul Vaidya Chief Scientist & Head, CHWMD	Dr. Harshvardhan Singh Senior Principal Scientist & Head, TSDD Email: <a href="mailto:hv_singh@neeri.res.in">hv_singh@neeri.res.in</a> Ph.0712-2249885 ext. 344 / 645	Dr. Lal Singh Senior Scientist, EBGD