

File No.: **BT/PR39745/FCB/125/100/2020**

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110003
Dated: 18/01/2024

ADMINISTRATIVE ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled "**Evaluate ectomycorrhizal diversity in mining-disturbed and undisturbed forest ecosystems in Bastar region, generate metabolic activity profiles of forest ectomycorrhizae and propose best performing isolates for soil restoration**" for a period of 3 Year 0 Month at a total cost of Rs. **5980400** (Rupees Fifty Nine Lakhs Eighty Thousand Four Hundred Only) on the terms and conditions detailed here under: -

2. The Project

2.1 Title: Evaluate ectomycorrhizal diversity in mining-disturbed and undisturbed forest ecosystems in Bastar region, generate metabolic activity profiles of forest ectomycorrhizae and propose best performing isolates for soil restoration

2.2. Details of the Investigators:

Project Coordinator/PI:

Dr. S Krishna Sundari

Professor

Department of Biotechnology

Jaypee Institute of Information Technology, Noida

A-10, Sec-62, Noida, Uttar Pradesh, 201307

PI:

Dr. KAMLESH SHUKLA

ASST PROFESSOR

SOS IN BIOTECHNOLOGY

Pt. Ravishankar Shukla University, Raipur Chhattisgarh

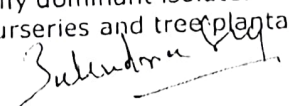
2.3. Objectives

Overall Objectives:

1. Survey of tropical deciduous EMF tree species from diverse Reserve and disturbed forest areas to collect wild, Ectomycorrhizal Mushrooms (EMF) in three successive seasons
2. Laboratory identification through morpho-taxonomy, biochemical and molecular approaches, Isolation of pure cultures, and maintaining a culture bank of collected EMF.
3. Assess microbial diversity and metabolic profiling of locally dominant isolates
4. Develop mycorrhizal inoculum for application in forest nurseries and tree plantations

Institution wise Objectives:

Jaypee Institute of Information Technology, Noida


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