

Block 2, G-8th Floors  
CGO Complex, Lodhi Road,  
New Delhi- 110 003  
Dated: 06/09/2013

**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 "Bioremediation of Polyaromatic Hydrocarbon contaminated soil using plant-microbe interaction in rhizosphere" for a period of 3 Year 0 Month at a total cost of Rs. 2545000 (Rupees Twenty Five Lakhs Fourty Five Thousand Only) on the terms and conditions detailed here under:-

**1. The Project :**

**2.1 Title :** "Bioremediation of Polyaromatic Hydrocarbon contaminated soil using plant-microbe interaction in rhizosphere"

**2.2 Project Investigator :**

**Dr. Piyush Pandey**  
Associate Professor  
Department of Microbiology  
Assam (Central) University, Silchar  
Silchar - 788011, Assam

**CO-PI:**

**Prof. Sanjib Kumar Panda**  
Professor  
Department of Life Sciences  
Assam (Central) University, Silchar  
Silchar - 788011, Assam

**2.3 Objectives:**

1. Isolation of PAH degrading bacteria from soil. Molecular analysis of metabolic pathways, enzymes for the degradation of Polyaromatic hydrocarbons.
2. Evaluation of rhizosphere isolates for their plant growth promoting activities and rhizospheric competence, study the interaction between selected strains for co-existence. Glutathione mediated detoxification strategies of host plant and in symbiosis to withstand PAH.

**2.4 Time Schedule:**

The duration of the project is 3 Year 0 Month from the date of this sanction order.