

PROJECT PROFILE

Project title	Exploration of Potential Beneficial Microbes in different Forest and Agriculture Ecosystems in Kolli Hills, Tamil Nadu and Imparting Training cum Demonstration on Bio-fertilizer Production and Application in Nursery and Field.
Principal Investigator	Dr. V. Mohan
Co-Investigators	Nil
Project duration (Start & End)	2 years (1-01-2016 to 31-12-2018)
Objectives	<ol style="list-style-type: none">1. Determine the status of beneficial microbes associated with various host plants including tree species in different forests and agriculture systems in Kolli Hills, Tamil Nadu.2. Evaluation of the efficacy of different beneficial microbes as bio-fertilizers and organic manures on quality seedling production in SFD nursery for development of beneficial microbial consortia.3. Imparting training cum demonstration on bio-fertilizer production and application techniques to various end users.
Funding agency	TNSPC
Summary/Achievements	The present study, attempts were made to determine the status on the occurrence and distribution of different beneficial microbes (AM fungi and PGPR) associated with the roots and rhizosphere of various host plants including trees at Kolli Hills, Tamil Nadu. It is also important to identify host and site specific isolates of all these beneficial microbial combination as bio-inoculants/bio-fertilizers for application in various nurseries for production of high quality planting stock.