Dr. Modhumita Dasgupta, Scientist E, Institute of Forest Genetics and Tree Breeding, Coimbatore has recently completed her six months training under the supervision of Dr. Konstantin Krutovsky at Department of Ecosystem Science and Management, Texas A&M University, College Station, TX, USA under the DBT-CREST Award. During the period she has worked on "SNP discovery in candidate genes related to wood property traits in Eucalypts for QTL and Association mapping". She has been selected as a member of the International Climate Resilient Crop Genomics Consortium (ICRCGC). The Consortium is a forum and International network for working on application of genomics as key strategy to tackle the adverse influence of climate change on crop yield. It will target studies on genomics-based breeding and transgenic approaches for better understanding of crop performance in changing climate while supporting crop improvement programs including selected tree species. The activities of the consortium are presently in the nascent stage and it is in the process of preparing the White paper on "***Genomics of climate resilient crops***". She has been selected as a member of this consortium to contribute towards the ***preparation of the White paper for the Eucalyptus species targeting the two major abiotic traits, drought and salinity tolerance.*** The membership in this consortium will provide the Institute/ Council a platform to work with leading groups in tree genomics and will facilitate sharing of resources and enable projects with International collaborations.

Genomics and bioinformatics Lab with NGS facility

Horticulture & Forest Science Building housing the Dept. of Ecosystem Science & Management

Memorial Student Centre, Texas A&M University

Bonfire Memorial, Texas A&M University