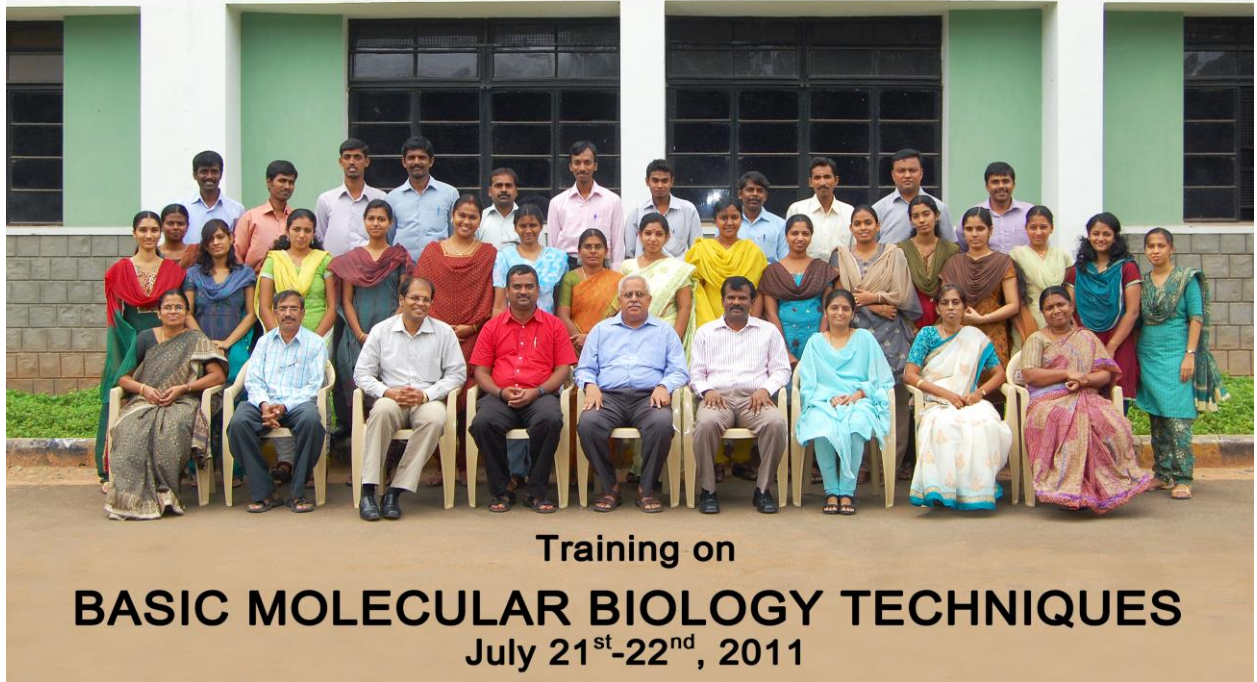


Institute of Forest Genetics and Tree Breeding



A two day training program on “Basic Molecular Biology Techniques” was conducted on 21st and 22nd July 2011 for Post graduates, B.tech (Biotechnology) and research fellows from different courses of life sciences. The training was attended by nineteen participants from various universities, institutes and colleges including Bharathiar University, Coimbatore, Forest College and Research Institute & Horticultural College and Research Institute, TNAU, Coimbatore, Kerala Forest Research Institute, Peechi, TNPL, Karur, CRB Exports, Salem, P.S.G College of Arts and Science, Coimbatore, Nehru Arts and Science College, Coimbatore and in house research fellows. The training provided a comprehensive theoretical background and hands-on lab exercise on basic molecular biology techniques. Theory sessions covered genomic DNA isolation and analysis, polymerase chain reaction, molecular cloning, plasmid isolation, primer design and basic bioinformatics tools. Practical sessions dealt with genomic DNA isolation, agarose gel electrophoresis and analysis, PCR, competent cell preparation, bacterial transformation and plasmid isolation.