

**Course title : Laboratory course in Molecular Ecology**

**JE 215 : 1:3 credits**

**Instructor : Prof. T N C Vidya**

**Syllabus:**

Extraction of DNA from suboptimal sources; designing primers; PCR standardizing, multiplexing; microsatellite genotype scoring; DNA sequence / microsatellite data analysis; estimation of genetic relatedness / population genetic structure, phylogenetic tree construction.