

1. Project title	:	Developing a working protocol for the micropropagation of mahogany (<i>Sweitenia macrophylla</i>)
2. Principal Investigator	:	Dr. Rekha R Warriar, Scientist-G
3. Funding Agency	:	Siva Shakthi Group of Companies
4. Duration of the Project	:	2022-2024
5. Total Budget	:	Rs. 17.387 lakhs

6. Objectives

Development of a working protocol for the micropropagation of mahogany (*Sweitenia macrophylla*)

7. Significant achievements of the project in brief:

Swietenia macrophylla / Mahogany is arguably on the most commonly used and high demand wood in the timber industry. Since the seeds are recalcitrant, their viability is very short. Hence vegetative propagation, especially through tissue culture enables mass production. The Institute developed a working protocol for the Shiva Shakti Agritec Limited. The barriers related to contamination and shoot growth were eliminated and rooting has been initiated in a short period of one year. The complete protocol with media composition for contamination free initials, shoot multiplication and rooting have been provided to the organisation along with culture bottles as per the terms of reference.