

Title of the Project :- Maintenance and enrichment of SFRI Bamboosetum.

Why this Project :-

SFRI, Jabalpur established A Bamboosetum within area of about 1.0 ha. To create awareness among various stakeholders, it is important to collect and introduce other bamboo species for the enrichment of this Bamboosetum along with its maintenance.

Research Methodology:-

- I. Collection of new bamboo species - The germplasm of different bamboo species were collected from different bamboo growing areas of India like Madhya Pradesh, Kerala Forest Research Institute, Kerala, Rain Forest Research Institute, Jorhat and different states of north east for the enrichment of Bamboosetum.
- II. The pits were enriched with soil, sand and FYM in the ratio of 1:1:1. The soil working was taken timely for optimum growth of plants.
- III. Collection of growth data – Height, survival percentage, collar dia, circumference of clumps and number of culms per clumps.
- IV. Preparation of final report.

Study Design:- Spacement 6×6 meter.

Pit size 45×45×45 cm.

Objectives of Research:-

- i. To maintain and introduce new bamboo species in existing Bamboosetum of SFRI.
- ii. To exhibit information of each species of bamboo.
- iii. To prepare a technical bulletin with documentation of Bamboo species.

Activities Undertaken:-

Introduced new bamboo species.

Cost of the Proeject:- Rs.4.50 lakh.

Outcome of Research:- SFRI, Jabalpur established Bamboosetum in an area of 1.0 ha. This Bamboosetum was enriched with 37 new bamboo species belonging to 12 genera. To create awareness among various stakeholders more bamboo species will be introduced for the enrichment of this Bamboosetum along with its maintenance.



Views of bamboosetum of SFRI, Jabalpur

Demonstration activities of different bamboo species to various stakeholders viz forest officials, students, farmers etc.