

DST Sponsored Common Facility Centre for Bamboo Processing at GMR Institute of Technology, Rajam

Title of the Project:

Enhancing the Quality of Life of SC community in Rajam Block (Srikakulam District) of Andhra Pradesh through Establishment of a Common Facility Centre for Bamboo Processing

Funding Agency:

**Science for Equity Empowerment and Development Division (SEED)
Department of Science & Technology, Govt. of India**

Budget:

Rs. 1.59 crore

Duration of the Project:

2020-2023 (3 years)

Principal Investigator:

Dr CLVRSV Prasad

Co-Principal Investigators:

Dr PNL Pavani, Dr J Raja Murugadoss and Dr P Bharani Chandra Kumar

Total number of beneficiaries: 800

Objectives of the Project

- To create environment friendly livelihoods with technology intervention
- Sensitization and skilling of the targeted SC community in identified region
- To produce novel eco-friendly products with value addition using the available non-timber forest resources (Bamboos)
- To enable and facilitate enthusiastic SC community entrepreneurs to set up own enterprises and to create employment
- To develop a business model with value chain for sustainability of the project

Equipment Available

Sl. No.	Name of the Equipment
1	Vacuum Impregnation Treatment Plant
2	Bamboo Drying System, Heavy Duty
3	Bamboo Hot Treatment Tank
4	Drill Machine With Slide Attachment
5	Bamboo Multi-Purpose Machine
6	Bamboo Cutter Machine
7	Laser Marking Machine
8	Bamboo Slicer with Inside Knot Removing System Using Heavy Duty Cutters
9	Bamboo Slice or Stick Sizing Machine
10	Bamboo Square Stick Machine, Double Side
11	Bamboo Auto Splitter Machine
12	Bamboo Slicer, 4 Stroke Heavy Duty Gearbox With Feeding System
13	Bamboo Multi Side Planning Machine Using 6 Cutters
14	Bamboo Round Stick Making Machine
15	Bamboo Four Side Shaping Machine
16	Bamboo Profile Shaping Machine
17	Bamboo Profile Cutting Making Machine
18	Bamboo Turning Machine
19	Multi Bamboo Cutter Grinder Machine
20	Bamboo Spray Gun
21	Bamboo Cutter and Tool Set
22	Bamboo Hand Tool Kit
23	Outside Knot Removing Machine
24	Bamboo Blind Weaving Machine
25	Bamboo Cross – Cut Machine
26	Bamboo Oval Shape Stick Making Machine