

ESTABLISHMENT OF BANANA FIBRE EXTRACTION AND PROCESSING UNITS IN SELECTED DISTRICTS OF ARUNACHAL PRADESH

Vision and Mission: Strengthening Banana Mission and Bio-Economy of Arunachal Pradesh through Technological Intervention, R&D, and Integrated Farmer/Entrepreneur/Youth-Centric Approaches



- ❖ Established the extraction & processing units at Tapa Rieng village of **Papum Pare District**, Seram Village of **East Siang District** and Nampong Village of **Namsai District**.
- ❖ Central Demonstration cum training centre established at **DBT-APSCS&T CoE for BRSD, Kimin**.

- ❖ > 35 acres of land covered/ >672 beneficiaries. Expansion of **55-acre** land by 1 year.

- ❖ Superior **fibre-yielding** banana variety: Dwarf Cavendish, Wild variety *Musa aurantiaca*, *Musa sapientum*, *Musa acuminata*, *Musa balbisian*.
- ❖ A total of **5000** Dwarf cavendish plantlets was distributed to the farmer, SHGs linked with the proposed processing units



Waste valorization towards developing of innovatives products: Mufler, paper, first of kind tea bag, yoga mat, agarbatti, bags, ropes, banana flour, compost, etc has been developed.



Imparting technical training, support to farmers, self-help groups and small entrepreneurs on extraction, processing, and value addition of banana fibres/ropes and encourage them for replication.



Institutes: ICAR-CIRCOT, Mumbai, & ICAR-CIAE, Bhopal
Industries: Vijay industries & Madurai industries, Eco green unit & Green craft; Local Mela & Markets of Arunachal Pradesh.



Challenges to Address:

1. Low Production of Quality Planting Material
2. Improper Knowledge in Pre and Post-Harvest Practices
3. Inadequate Capacities for Organized Processing, Value Addition, and Circular