

**CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE
MYSORE – 570 020**

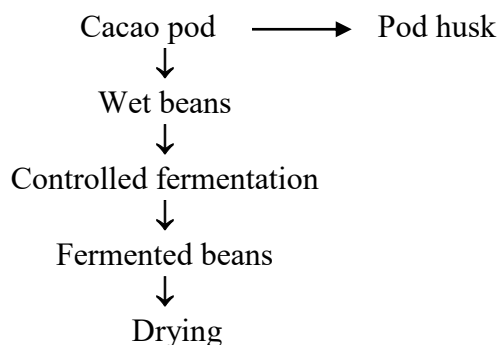
**PROCESSING OF CACAO PODS (THEOBROMA CACAO)
FERMENTED AND DRIED COCOA BEANS**

Processing of Cocoa (*Theobroma cacao*) pods to fermented and dried cocoa beans is the first step in the preparation of cocoa mass, which is used as main ingredients in manufacture of chocolate, chocolate coating, cocoa beverages, bakery goods and drinking chocolate. Cocoa butter is generally used for the enhancement of organoleptic qualities of the chocolate. It is also used in preparation of pharmaceuticals and cosmetics. Cocoa power is used as flavouring ingredients in beverages, bakery products and confectioneries etc.

Raw Material

Cocoa (*Theobroma cacao*) pods

Process:



Plant & machinery

Fermentation boxes, driers based on bio mass fuel.

Project Cost – Fixed Cost – Working Capital (In Rs. '000) - estimate for a model project

	Rs. '000
a) Land (500 m ²)	125.00
b) Building and civil works (300 m ²)	1200.00
c) Plant and machinery	2055.00
d) Miscellaneous fixed assets	100.00
e) Pre-operative expenses	300.00
Total fixed capital	397.00
Working capital margin	1117.00
Total Project cost	5294.00

Means of Finance

- Promoters contribution	2456.00
- Term loan	2835.00

Production Capacity- (estimate)

Suggested economic capacity:	1000 Kg pods/ day processing
Working:	300 days
Capacity of finished product:	100 Kg dried beans

Technology/ manufacturing process – availability

The technology for production of cocoa mass, butter & powder from cocoa beans has been developed at CFTRI, Mysore, using appropriate equipment for optimal product recovery of right quality. The Institute has the necessary expertise to provide technical assistance and guidance for setting up the project and can offer further technical assistance for implementation, under technical consultancy arrangements.

For Technology and Technical Assistance please contact:

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