



Virgin coconut oil meal (VCM) based products viz : biscuit, compressed bar, burfi, laddoo, porridge and noodles

Technology Description

VCM is a by product of virgin coconut oil and earlier used as cattle feed while it is rich in fiber and protein. VCM is now utilized as a base to develop biscuit, compressed bar, burfi, laddoo, porridge and noodles. Desiccated coconut is proportionately blended with VCM meal for the production of coconut burfi, dates syrup, sugar fried cashew nuts, milk and wheat flour

Name Of institute:
Central Plantation Crops Research Institute
Stage of development:
Ready for Commercialization
Patent status: No

Scientific Experts:
A. C. Mathew

Background

Majority of the confectionary items available in the market are of high calorific value and less nutrients. Defatted VCM based products in confectionaries supplements fibre and protein that is beneficial to

Benefits / Utility

Food and bakery sectors and domestic consumers.

Country Context

India

Scalability

Yes. At present it is produced on small scale as cottage industry. But it can be scaled up to a large scale industry.

Business and Commercial Potential

Business Potential: Should be integrated with VCO unit
Market Response: Market response is positive and there is a ready demand for these kinds of products

Potential investors to this technical innovation

Small scale Entrepreneurs ,Self help groups etc. , Bakeries and food manufacturing industries.



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Financials

VALUE OF THE TECHNOLOGY: Tech commercialization fee to be charged from one licensee Rs.5,000/- Financial Required: Fix assets (Land and Building)= 25 sq.m Rs 25000 per-sq.m Machinery = Rs. 6.25 lakhs Others= Rs. 75,000 Cost: Rs. 8 Lakhs Energy Requirement: Electricity : 10

Target Market / Customer

Potential Clients: Individual customers



Limiting factors for large scale commercialization

Financial (capital) and marketing support is needed for large scale commercialization of this technology. Shelf life period and marketing network of the product.

Social impact of the technology

Awareness about the latest proven technologies, development of entrepreneurship and introduction of community level processing hubs and sales outlets.

