



CSIR-CIMAP

PILOT PLANT FACILITY

(TECHNOLOGY BUSINESS INCUBATION CENTRE - TBIC)

(A unique platform for Start-ups/ Entrepreneurs to manufacture herbal products)



CSIR-Central Institute of Medicinal and Aromatic Plants
(Council of Scientific & Industrial Research)

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In order to facilitate technology transfer and to enable new entrepreneurs / start-ups in the area of medicinal and aromatic plants based herbal products, a pilot plant facility (TBIC) has been established at CSIR-CIMAP for manufacturing of selected research based herbal products under one roof. It was formally inaugurated by Hon'ble Union Minister of Science & Technology Dr. Harsh Vardhan on 31st January, 2016.

A View of Inauguration by Hon'ble Union Minister of Science & Technology Dr. Harsh Vardhan



Various machines have been installed to facilitate manufacturing of creams, gels, shampoo, oils, face wash, toothpaste etc. in batch size of approximately 80-100 Kg followed by packing of these products. A well equipped quality control laboratory is also established for batch to batch analysis of raw materials as well as finished products. Pilot plant facility would facilitate various technology buyers to manufacture the herbal products and develop confidence and will also serve as an incubator centre for the new entrepreneurs / start-ups.

MAJOR MACHINERIES AVAILABLE AT PILOT PLANT FACILITY (TBIC)

- Multi Mix Plant for manufacturing of creams, gels and other semi-solid formulations
- Liquid manufacturing unit for preparing shampoo, oils and other semi-liquid formulations
- Semi-automatic tube filling, sealing and coding machine for packaging of the gels, creams in tubes
- Liquid filling and cap sealing machine for packaging of liquid formulations such as oils, etc. in the bottles
- Toothpaste manufacturing unit for preparing toothpaste
- Automatic tube filling, sealing and coding machine especially for packaging of toothpaste
- Mixing unit for manufacturing liquid formulation by cold process
- Coating pan unit for coating purpose
- Pouch filling and sealing machine for packaging of granules in pouches
- Liquid pouch packing machine for shampoos



Multi Mix Plant



Toothpaste manufacturing unit



Cup filling and sealing machine



Cold process mixing unit for liquid formulations



Liquid manufacturing unit



Liquid filling and cap sealing machine



Automatic tube filling,
sealing and coding machine



Semi-automatic tube filling,
sealing & coding machine



Pouch filling and sealing
machine

OBJECTIVES

- To establish an unique platform for manufacturing research based herbal products of CSIR-CIMAP at pilot scale.
- To popularize the technologies of research based herbal products of CSIR-CIMAP for commercialization
- To facilitate start-ups / entrepreneurs in the area of herbal formulations towards commercially godown of CSIR-CIMAP products.
- A facility for manufacturing of the herbal formulation with the aim to reach out CSIR-CIMAP technologies to real users through start-ups/entrepreneurs and fulfill "Made in India" and "Atmanirbhar Bharat Mission".

GUIDELINES

- CSIR-CIMAP may manufacture the selected product/s in certain quantity and invite the expression of interest from the interested party to market them for the limited period of one year to get feedback and confidence in the products (As per the agreement signed between startups/entrepreneurs and CSIR-CIMAP)
- The institute will charge only manufacturing cost which will include actual expenses [Raw Material + Machinery Depreciation + Manpower cost+ Utility charges and Over Head Charges etc.]
- All the quality raw materials will be provided by the institute and products will be manufactured by the CSIR-CIMAP expert team.
- Packing material of the products has to be provided by the party at its own cost with desired quality and design.
- Logo of CSIR with the inscription 'Technology developed by CSIR-CIMAP' and 'Manufactured at TBIC' has to be printed on each pack of the products.
- MRP of the products has to be decided by the party with the consultation of CSIR-CIMAP experts.
- Marketing rights of the products will be given on non-exclusive basis.
- The party has to make all the expenditure on advertisement and marketing of the product/s.
- The license for manufacturing the products in the institute's premises is being taken by CSIR-CIMAP but GST registration has to be taken by the party, going to market the said product.
- CSIR-CIMAP will not be responsible for any damage during transport or replacement of the product from retailer end.
- After marketing the selected product/s for an agreed period of time (Maximum one year) and getting positive response from the users, party will have to take the technology from CSIR-CIMAP and start their own production.
- An agreement containing various terms and conditions including payment toward premium and royalty will be entered between CSIR-CIMAP and the technology buyer.
- Facility can be used by the startups/New entrepreneurs/ technology buyers and will be available to the user on 'first come first serve' basis
- Final product has to be received by the party or their representative and transportation of the same has to be arranged by the party of its own.

List of herbal products of CSIR-CIMAP and minimum order for market seeding to MSMEs/ Start-ups/ Budding entrepreneur

Sl. No.	Product Name	Min. Order	
1	Anti –Inflammatory Pain Relieving Oil (Relaxomap)	80 L	
2	Anti-Dandruff Shampoo (Geranium Active)	80 Kg	
3	Herbal Shampoo (Herby Soft)	80 Kg	
4	Face Wash (Kleenzie)	80 Kg	
5	Floor Cleaner (Flomop)	100 L	
6	Mosquito Repellent Room Spray (Mospray)	100 L	
7	Anti-Crack Cream (Cracknil)	50 Kg	
8	Pain Balm (Painchhoo)	50 Kg	
9	Lip Balm	50 Kg	
10	Acne Preventive Face Wash	80 Kg	
11	Polyherbal Tooth Paste	50 Kg	
12	Anti –Inflammatory Pain Relieving Gel (Painjaa)	80 Kg	
13	Mosquito Repellent Cream	80 Kg	
14	Aromatic Floor Cleaner (Clean Germ)	100 L	
15	Tobacco And Nicotine Free Herbal Mixture (Herbichew)	20 Kg	
16	Hair Oil (Cimkesh)	100 L	
17	Mosquito Repellent Body Lotion (Mosex)	100 Kg	
18	Rasayana Based Awaleh (CIMAP Paushak)	20 Kg	
19	Nutritive Granules (CIMAP Phalse)	20 Kg	
20	After Shave Gel	80 Kg	
21	Hand Sanitizer (Hankool Plus)	100 Kg	
22	CSIR-CIMAP Herbal Cough Syrup	80 L	



TBIC Utilised for Distributing Sanitizer for Corona Warriors



Interaction with VIP Visitors at TBIC

Process of Manufacturing at TBIC



Products manufactured at TBIC ready for despatch



CSIR-CIMAP



CSIR-CIMAP Lucknow Campus

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