

MADURAI AGRI BUSINESS INCUBATION FORUM

An Initiative of NABARD & TNAU

An Initiative of



INSPIRED TO HELP YOUR AGRI & FOOD STARTUPS
Entrepreneurship

Madurai Agri Business Incubation Forum, an incubation facility supported by NABARD and housed at AC&RI, TNAU, Madurai is incorporated as a section 8 company under Companies Act, 2013 on 9th May 2018. MABIF is conceived in a unique way as a value chain incubator, which focuses on nurturing innovative early-stage enterprises that have growth potential to become a competitive agribusiness/ startup by serving, adding value or linking to Farmer Producer Organizations (FPOs). By increasing competitiveness and bridging the gap between Farmers / FPOs and markets through developing synergies and partnerships with startups and agribusiness enterprises will ensure farm production is responsive to the market demand and value addition is increased and shared among the stakeholders in the chain.

INCUBATION FACILITIES

Working Space for Incubatee



Office with 180 Sq.ft / 234 Sq. ft
Executive Table Chair (3 Nos)
Desktop Internet Facility

Reception cum Product Display Gallery



Showcase Incubatee Products
Sales Promotional
Outlet

Conference Hall



Training Video Conferencing
Meeting

Intellectual Property Facilitation Centre



Trademark
Patent
Copyrights
Geographical Indications

Cluster Based Business Organization



Cluster identification
FPO Formation
convergence
business plan implementation
market linkages

Regulatory Compliance



FSSAI
Udyam
DPIT
IE code
Barcode
APEDA

FOOD TESTING LAB

Nutritional Analysis Lab



Moisture
Fat
Protein
Fiber
Ash
Carbohydrate
Energy
Acid Insoluble Ash
Gluten
Alcoholic Acidity

Chemical Analysis Lab



Titrateable Acidity
Milk Fat
Total Solids
Solid Non Fat (SNF)
Urea
Neutralizer
Formalin
Starch
Salt/Sulphates
Glucose
Clot On Boiling
Sucrose
Detergent

Microbiology Lab



Total Plate Count Deduction of
Coliform Yeast & Mold Coliforms

DAIRY PROCESSING UNIT

Milk Processing Unit



Milk Collection Milk Storage Milk
Cooling Pasteurization
Homogenization / Standardization Milk
Packaging (Pocket/Bottle)
Capacity: 300LPH

Ghee Processing Unit



Butter Preparation
Clarification Skimming
Melting in Ghee Boiler

Ice Cream Processing Unit



Ingredient Selection Mixing and
Homogenization
Pasteurization Cooling & Ageing
Freezing and Hardening

Paneer Processing Unit



Coagulation and Curdling Draining &
Shaping Pressing
Vacuum packing

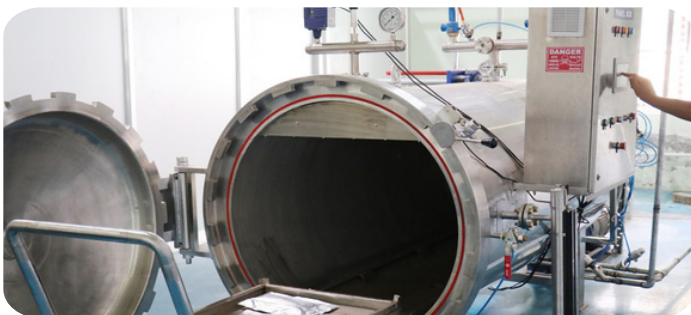
Automatic Bottle Filling Machine



Automatic PLC Control No bottle No
filling 25 - 30 Bottles / min

READY TO EAT PROCESSING UNIT

Retort Processing Unit



Loading trolley into chamber (Solid / liquid)
Pre heating Sterilization cooling Unloading

Heat Pump Dryer Unit



Capacity: 100kg
Pressing the low temperature to remove moisture from
the product (all kind of Vegetables & Fruits) PLC controlled.
60% energy efficiency

VALUE ADDED MACHINES

Bakery Unit



Flour Mixing Dough Kneading Baking

Noodles Making Unit



Flour Mixing Dough Kneading
Rolling & Cut into noodles shape
Steaming & drying

Chikki Processing Unit



Roasting Skin Removing
Mixing & Heating
Sheeting & Cutting
Packing & Printing

Health Mix Processing Unit



Roasting Pulverizing
Mixing & Blending Powder Packing

Millet Processing Unit



Destoner: Removing of dust,
Other impurities
Dehusking Dehulling

Animal Feed Manufacturing Unit



Removing of dust, Other impurities Sorting
& Grading
Mixing Pulverizing
Bulk Bag packing

COOKING UNIT

Steamer (60 Kg)



Item Preparation: Idly,
Idiyappam, etc.,

Vacuum Kettle (200 kg)



Steam Kettle Capacity: 200 lits. PLC
Controlled Automatic Tilting
Temperature Indicator
Item Preparation: Rice, Jam, Sauce, etc.,
Fuel: Gas

Multipurpose Cooking Kettle (300 L)



Tilting option.
Temperature Indicator
Item Preparation: Any Gray Rice, Malt,
etc.,
Fuel: Gas

PACKING MACHINE

Multihead Packing Machine (50 g- 1kg)



PLC controlled Loading &
Feeding Conveyor
Packing Range (50g-1kg) Products:
Grains & Printer attached

Form Filling Machine



PLC controlled Loading & Feed
Conveyor Packing Range-50g - 250g
Products: Powder Items

Band Sealing Machine



Conveyor adjustment for
pouch sealing
Nitrogen Attachment

Flow Wrapping Machine



PLC Controlled
Product: Energy Bar, Chikki, Cookies, etc.,

Vacuum Packing Machine



Double chamber Products:
Paneer, Rice, etc.,

Two Head liquid filling Machine



Semi Automatic
Capacity: 20 Bottles per minute

Other Facilities

Cold Storage



Temperature range : 8 - 10o C
Capacity: 5MT
For Milk & Milk Products

Freezer Unit



Temperature range :-18 to 4o C
For Ice Cream

Bio Floc



Biofloc converts waste into protein-rich feed, enhancing sustainable aquaculture.

Cafeteria



Relax & Ignite your Startup Ideas

MARKETING FACILITATION



GATEWAY OF MADURA

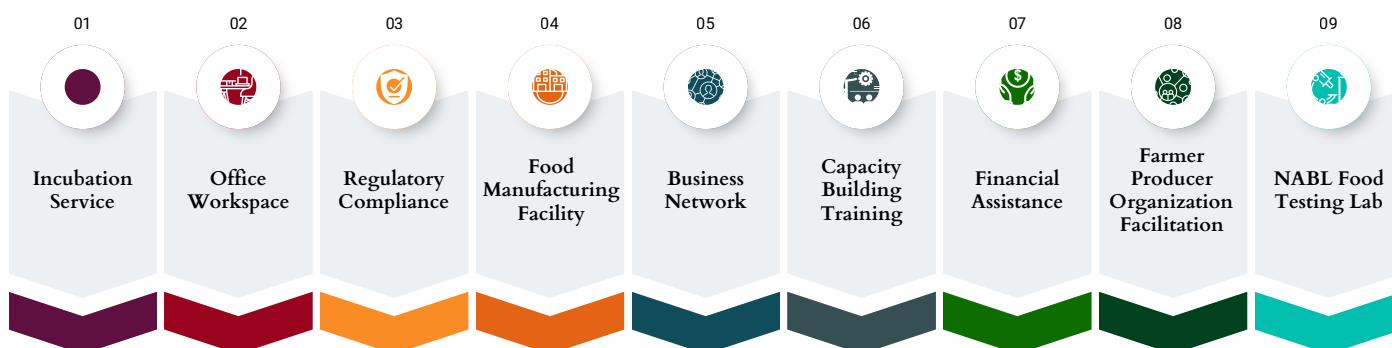
MABIF Products Promotional Centre

NABARD Geographical Indication Facilitation Centre



The **Gateway of Madura** is a physical store that provides a unique platform for Startups, Farmer Producer Organizations (FPOs), and Geographical Indication (GI) products to showcase and expand their market reach. No more confusion about where to sell your products – this one-stop marketplace is designed to connect you directly with customers. Products are also available for purchase online at www.mabifmart.com and www.shopgi.in.

MABIF Services



For Product Purchase



www.mabifmart.com

www.shopgi.in

