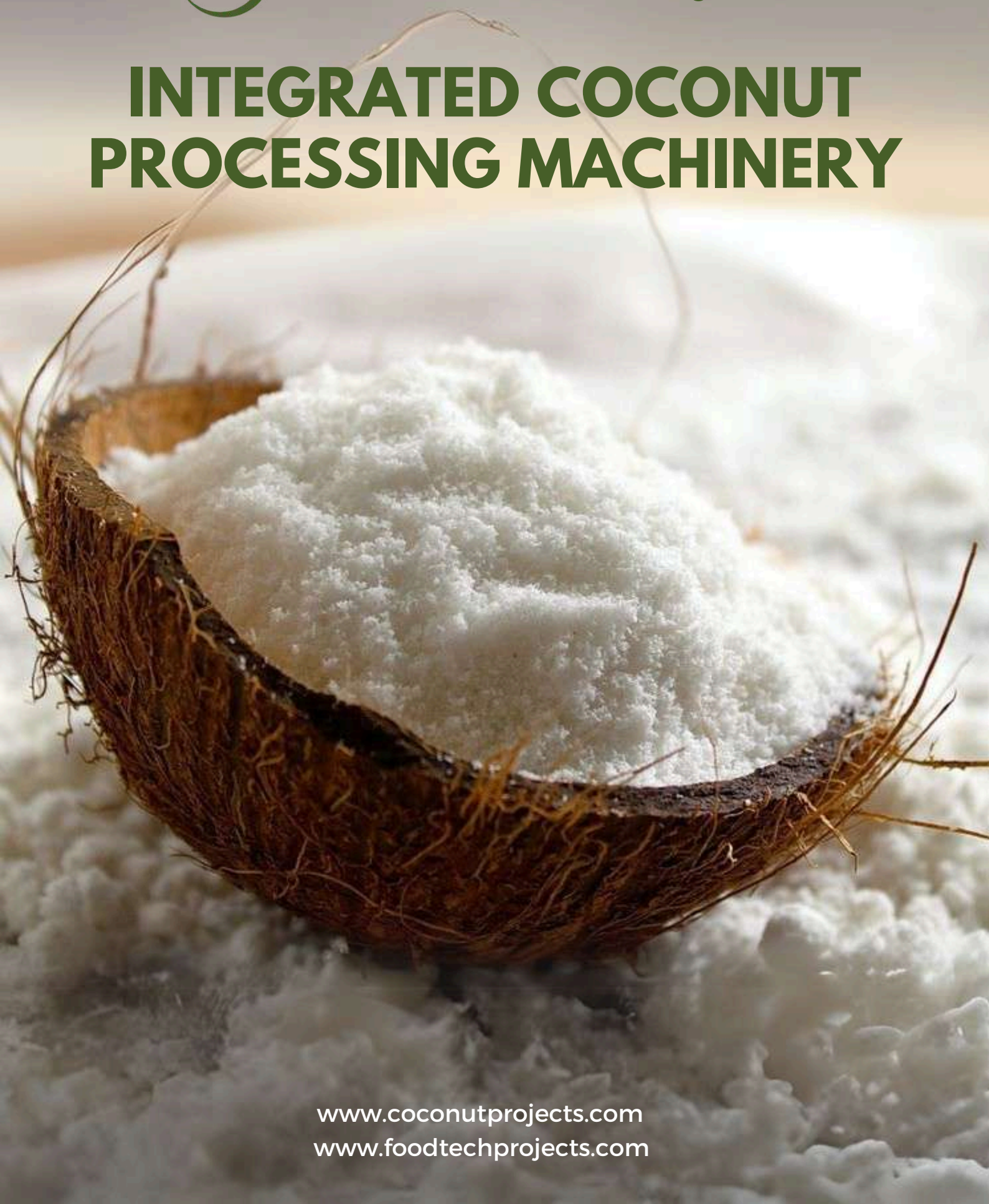




Genextech Projects

# INTEGRATED COCONUT PROCESSING MACHINERY



[www.coconutprojects.com](http://www.coconutprojects.com)  
[www.foodtechprojects.com](http://www.foodtechprojects.com)

# About Us



## GENEXTECH PROJECTS

GENEX TECH INDUSTRIES is an ISO 9001 Certified Company. we having food processing machinery running in more than 40 countries worldwide. When it comes to getting high-quality food processing equipment, you can stop your search and talk to our experts. We have put our heart and soul into creating a highly advanced infrastructure, which aids us to create and deliver highly sophisticated and flawless machines. Featuring intelligent design and construction, our machines have brought us a special place in the industry. GENEX commands the sizeable share of the export market of Coconut processing machinery from INDIA. GENEX has the resources and infrastructure and has undertaken complete turnkey projects for the manufacture of various coconut products. GENEX has a huge number of overseas installations to its credit.

# WHY US

Prestigious turnkey projects for food processing executed by the company in more than 40 countries successfully worldwide.

Strong background in offering a single window solution for various value chains.

Cost effective affordable solutions provided for the food processing industry.

Supreme production and infrastructure facilities in India.

Very sound technical & engineering team.

Right technology and latest machinery.

Large network of sales & service through our office and authorized representation worldwide.





## 01 OUR RESOURCES

In a world where technology is advancing rapidly, we have invested in a sophisticated infrastructural set up with latest advancements which promises our clients better and more efficient machines. We are also assisted by experienced engineers who undertake various manufacturing works and ensure to complete them with precision. Our quality is maintained at each stage of product development strictly adhering to industrial norms and practices to ensure each and every product meets international standards of quality.

## 02 OUR FACILITIES

GENEX has two full-fledged manufacturing facilities in INDIA.

100000 ft<sup>2</sup> integrated manufacturing facility in KOLKATA, INDIA

60000 ft<sup>2</sup> machine shop 20kms. away from KOLKATA at HOWRAH, the industrial city of WEST BENGAL, INDIA

## 03 INFRASTRUCTURE

Our manufacturing facilities are equipped with state of the art tools and machines –from VMC, German bending machines, Turret Press Machines, Laser and CNC Gas cutting equipment. All machining is done in-house at the dedicated machining unit in each facility. There are multiple welding stations which are used to achieve precision and high-quality manufacturing and finishing.

## 04 RESEARCH & DEVELOPMENT

Our R & D team of highly skilled engineers and professionals consistently help us to reach newer milestones.

Our company keeps innovating evolving and designing new state of art machines which help in to meet and exceed the needs of our global client base. The driving force behind our manufacturing and export efforts is our infrastructure. We are equipped with ample space to facilitate a multitude of business operations, processing, packaging, sales and logistics tasks.

## BAND DRYER



**SUITABLE FOR DESICCATED COCONUT - GRANULES AND CHIPS**

### SALIENT FEATURES

- **Different heating zones**  
 Separate Heating Coils in each zone allows the user to set different temperatures in each zone as per the requirement of the product. This allows for better control of the drying process and allows optimization of the output and the drying time. The Heating Coils in the dryers can be made in Single Stage, Double Stage or Triple Stage.
- **Variable Drying Time**  
 Each Stage has a Variable Frequency Drive which allows the user to set different surface speeds for each stage and adjust the drying time of the product accordingly providing high flexibility and the desired amount of product moisture at the time of discharge. These dryers can be made in Single Stage, Double Stage or Triple Stage.
- **Optimum capacity**  
 The output capacity of the dryer depends upon the chosen product and the input and output moisture and the residence time. With immense flexibility provided within the dryer, the equipment is designed to provide the optimum output for any given product.
- **Controls and Instrumentations**  
 A Control Panel to run the machine and to monitor the temperature in each zone is provided. Complete PLC and SCADA systems can also be incorporated minimizing human error.

# COMBINATION DRYER



**CAPACITY (KGS/HR): 250 KGS/HR, 500 KGS/HR, 750 KGS/ HR, 1000 KGS/HR, 1250KGS/HR, 1500 SUITABLE FOR DC POWDER, PARINGS, COCONUT CHIPS ETC.**

## SALIENT FEATURES

- Stainless Steel Grid Plates
- SS Trays in the Top Circuit and Bottom Circuit
- High Temperature Resistant Chains made of Alloy
- Steel with Electronic Overload Protection Feature
- Floor Mounted Central Electrical Control Panel
- Insulated Centrifugal Hot Air Fan
- Double-wall Insulated Chamber
- Digital Thermometers
- Variable Speed Drives
- Full-width Feed Conveyor

## TECHNICAL FEATURES

UNIT	4M	5M	6M	7M	8M	10M	12M
DRYING CHAMBER (SQ.FT)	96 (16X6)	120 (20X6)	144 (24X6)	168 (28X6)	192 (32X6)	240 (40X6)	288 (48X6)
INLET TEMPERATURE (DEG. C)	85-100	85-100	85-100	85-100	85-100	85-100	85-100
OUTPUT (PER HOUR)	VARYING DEPENDS ON THE PRODUCT AND INPUT MOISTURE CONTENT						

## SPRAY DRYER FOR COCONUT MILK POWDER



### SALIENT FEATURES

- The droplets are small, giving a large surface area for heat and mass transfer so that evaporation is very rapid.
- It can be used for drying heat sensitive or oxidized materials without degradation.
- It can be designed for drying under sterile conditions.
- The dried powder will have a uniform particle size and shape.
- Because of good flow properties, the spray-dried powder can be easily compressed into the form of tablets.
- It is useful in the coating and encapsulation of both solids and liquids.
- Labor cost is low since the material is dried in a single operation with no handling.

# COCONUT UNLOADING SECTION



**COCONUT DE-HUSKING**



**NUTS STORAGE BIN**



**UNLOADING CONVEYOR**



**NUTS COUNTER**



**DE-SHELLING BIN**



**PARING MACHINE**



**DE-SHELLING MACHINE**



**DE-SHELLING MACHINE**

# COCONUT WET SECTION



**DISTRIBUTING CONVEYOR**



**KERNEL CARRYING CONVEYOR**



**COCONUT KERNEL SLICER**



**SCREW CONVEYOR WITH WASHING ARRANGEMENT**



**COCONUT BUBBLE WASHER**



**STORAGE TANK (MEAT TANK)**



**POWER GRINDER**



**BLANCHER**



## COOLER & GRADER



MESH BELT COOLER



NOVATEX (HIGH CAPACITY)  
SORTING MACHINE



VIBROSCREEN  
GRADING MACHINE

## COCONUT WATER PROCESSING



COCONUT WATER  
DRILLING MACHINE



COCONUT WATER  
EXTRACTION CONVEYOR



COCONUT DRILLING UNIT



STORAGE TANKS



BAG FILTER



PASTEURIZER



CHILLER TANKS



EVAPORATOR



CENTRIFUGE  
SEPARATOR



CHILLING PHE FOR  
COCONUT WATER



ASEPTIC WATER PLANT



RETORT



## MACHINERY FOR MANUFACTURING VIRGIN COCONUT OIL & PARING OIL



VCO OIL EXPELLER HIGH CAPACITY



PARING OIL EXPELLER



HAMMER MILL



COCONUT FLOUR GRINDING MACHINE

## FILTERS FOR HIGH QUALITY COCONUT OIL



SPARKLER FILTER (POLISH FILTER)



FILTER PRESS WITH FOOD GRADE PP PLATES



CENTRIFUGE FOR VIRGIN COCONUT OIL



VACUUM DRYER



# COCONUT MILK MACHINERY



**MILK EXPELLER**



**VERTICAL STORAGE TANKS**



**HORIZONTAL MILK STORAGE TANK**



**TUBULAR FILTER**



**TANK WITH AGITATOR**



**HOMOGENIZER**



**PASTEURIZER**



**ICE BANK TANK (IBT)**

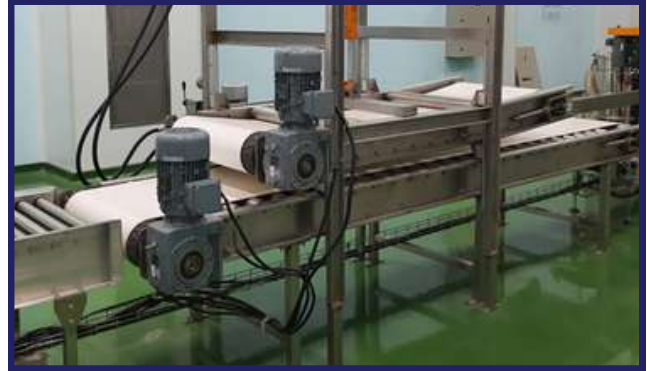


**CENTRIFUGE FOR CREAM**

# PACKING SECTION



**AUTOMATIC BATCH WEIGHER**



**BAG FLATTENER**



**METAL DETECTOR**



**GRAVITY FEED METAL DETECTION SYSTEM FOR DRY POWDER**



**SEWING MACHINE**



**WEIGHING MACHINE**

# CLIENT



## Brazil

- COPRA INDUSTRIA ALIMENTICIA LTDA.



## Chile

- ATACAMA BIO NATURAL PRODUCTS S.A.



## Ethiopia

- FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS



## Fiji

- WAINIYAKU ESTATE



## Germany

- MAVEG INDUSTRIEAUSRUESTUNGEN GMBH



## Ghana

- TRUE COCO
- AGRICULTURAL, INDUSTRIAL & COMMERCIAL PRODDUCTS LIMITED.



## Guyana

- PRECISION GLOBAL INC.



## India

- KLF NIRMAL (TAMIL NADU)
- NATURAL REMEDIES (KARNATAKA)
- COBANA FOODS PVT. LTD. (MAHARASHTRA)
- THE KERALA KERAKARSHAKASAHAKARNA FEDERATION LTD.
- HOLISTATRANZWORLD LTD (TAMIL NADU)
- VIZAG COCONUT (Andhra Pradesh)
- Panacriti Extracts And Nutraceuticals Pvt.ltd
- Sardar Vallabhbhai National Institute of Technology, Surat (GOVERNMENT OF INDIA )
- National Institute of Food Technology (GOVERNMENT OF INDIA )
- Animal & Fish Resources Department (GOVERNMENT OF INDIA )
- National Thermal Power Corporation (NTPC)
- Sundarban Co-operative Milk & Livestock Producers' Union Ltd. (Co-operative of Govt. of West Bengal)
- Bala Jee Layer Farm Private Limited
- Eastern Ri Bhoi Organic FPC Ltd.
- VENKATESHWARA HATCHERIES PVT LTD (Venkys)
- NIFTEM
- HSD Food & Beverages Pvt Ltd
- National Institute of Nutrition
- BHILAI IRON AND STEEL PROCESSING COMPANY PRIVATE LIMITED
- Indian Railways



## Indonesia

- MAYORA GROUP
- INDOFOOD ( PT. SALIM )
- PT. SASA INTI
- SUNGAI BUDI GROUP
- PT. BIONESIA
- PT. TRI JAYATANGGUH
- PT. ROYAL COCONUT
- PT. KALIMANTAN KELAPA JAYA
- PT. CBA CHEMICAL INDUSTRY
- PT. SETIA TRIJUJUR BERSAMA
- PT. HARVARD COCOPRO
- PT. ASA COCO
- PT. PACIFIC EASTERN COCONUT UTAMA
- PT. PULAU SERIBU
- PT. TRIMUSTIKA COCOMINAESA
- PT. SEUNAGAN COCO LESTARI
- PT. PRIMA COCO INDONUSA
- PT. BINANGA UTAMA
- UD. INTI JAYA
- PT. UNICOCO(AGRIM)
- PT. SEJAHTERA
- PT. SUMATERABARU
- PT. PELITA
- PT. SEJATI
- PT. INDO COCO PRIMA LESTARI
- PT. COCO MURNI PRIMAJAYA
- PT. AGRO INDO SURYA ABADI
- PT. SASL AND SONS INDONESIA
- PT. SARASWATI COCONUT PRODUCT
- PT. CENTRAL COCONUT
- PT. INDO GEMILANG COCONUT
- PT. Kelapa Hijau Bina Lestari
- AND MANY MORE



## Ivory Coast, West Africa

- SOCIETE DE COCO RAPE IN COTE D'IVOIRE SOCORAPCI-SARL



## Jamaica

- BABYLOVE'S C-G FOODS



## Mexico

- DERIVADOS E INDUSTRIALIZADOS DE COCO LAS PALMAS DE TECOMAN
- S. DE PR DE RL TENEXPA
- PRODUCTORA KALPA DE
- S. DE R.L. DE C.V

# CLIENT



## Mozambique

- DIAMANTE COCO LDA
- CREDE OILS
- AFRIFRUTA



## Malaysia

- Niu Plant Sdn Bhd
- M & S FOOD INDUSTRIES SON BHD
- Niu Plant Sdn Bhd
- Malaysian Agricultural Research and Development Institute (MARDI)
- MKR Hartamas SDN BHD



## Mozambique

- DIAMANTE COCO LDA
- CREDE OILS
- AFRIFRUTA



## Nigeria

- NATURES BOUNTRY HEALTH PRODUCTS



## Philippines

- FRANKLIN BAKER PLC
- PRIMEX COCO PRODUCTS
- CELEBES COCONUTCORPORATION
- SUPERSTAR COCONUTPRODUCTS CO., INC.
- S C GLOBAL FOOD PRODUCTS
- CENTURY AGRICULTURE CORPORATION
- FRESH FRUIT INGREDIENTS INC
- HACIENDA MACALAUNINC.



## Sao Tome And Principe

- VALUDO LIMITADA



## Singapore

- HENG GUAN FOOD INDUSTRIAL PTE LTD



## Sri Lanka

- SILVERMILLS
- SANMIK FOODS PVT. LTD.
- NMK MARINA
- METSHU EXPORTS
- DESICO LANKA
- BATTULUOYA MILLS
- BOGAMUWA DC MILLS
- NADUNGAMUWA MILLS
- NATTANDIYA CPCS LTD.
- MAWATHAGAMA DC MILLS
- JAYAKODY DC MILLS PVT. LTD.
- BALUMMAHARA DC MILLS
- ST. CHRISTOPHER DC MILLS
- MAVIKSEL INTERNATIONAL COMPANY PVT. LTD.
- ST. VALANTINE DC FACTORY
- ST. THERESA DC MILLS PVT. LTD.
- VSS PRODUCTS
- ST JOSEPH DC MANUFACTURER PVT. LTD.
- RMP COCONUT PRODUCTS PVT. LTD.
- AD LANKA OIL MILLS,
- RATHKARAWWA D/C AND OIL MILLS,
- MADAMPE MILLS PVT. LTD.,
- INGRAIN PVT. LTD.,
- WAYAMBA OIL PRODUCERS PVT. LTD.,
- CBS LTD.,
- ASIAN AGRO,
- CONSOLIDATED BUSINESS LIMITED
- AND MANY MORE



## Thailand

- C & APRODUCTS CO. LTD.
- MERIT FOOD PRODUCTS CO. LTD.



## USA

- R & D EQUIPMENT COMPANY INC. TEXAS, USA
- PRIMAL ESSENCE, USA



## Vietnam

- BENTRE IMPORT EXPORT JOINT STOCK CORPORATION (BETRIMEX)
  - TRABAC CORPORATION
  - HUNGPHUCO. LTD
  - ASIA COCONUT PROCESSING JOINT STOCK COMPANY
  - THABICO TIEN GIANG FOOD INDUSTRY JOINT STOCK Co.
  - THUAN PHONG AGRICULTURAL PRODUCTS PROCESSING CO.LTD
  - THE GREEN COCONUT FOODS COMPANY LIMITED.
  - PHU TAN JOINT STOCK CO.
  - DUTCH GREEN AGRO
  - BENTRE COCONUT INVESTMENT JOINT STOCK COMPANY (BIENCO)
- AND MANY MORE.....



# GENEXTECH PROJECTS

## CONTACT US



### Call

+91 87774 75596

+91 97489 06968



### Mail

commercial@foodtechprojects.com

mktg@foodtechprojects.com



### Website

www.coconutprojects.com

www.foodtechprojects.com



### Address

10C, Sir William Jones Sarani (Middleton Row).Park Street, Kolkata - 700071, India



SCAN TO KNOW MORE