

# ENTREPRENEUR INDIA

An Industrial Monthly Journal on  
INDUSTRIAL DEVELOPMENT, TECHNOLOGIES & PROJECT OPPORTUNITIES

AN ISO 9001:2008 CERTIFIED COMPANY

₹ 20/- US \$ 5

Vol. 21

No. 2

February 2015

36 Pages

Rs. 1275/- US \$ 125

## INTEGRATED ORGANIC FARMING HANDBOOK

INTEGRATED ORGANIC FARMING HANDBOOK

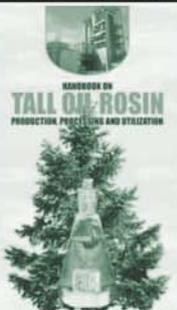


Organic agriculture has grown out of the conscious efforts by inspired people to create the best possible relationship between the earth and men. After almost a century of neglect, organic agriculture is now finding place in the mainstream of development and shows great promise commercially, socially and environmentally. Integrated organic farming is a commonly and broadly used word to explain a more integrated approach to farming as compared to existing monoculture approaches. Integrated Organic farming is a method of farming system, which primarily aims

at cultivating the land and raising crops in such a way, so as to keep the soil alive and in good health. It is the use of organic wastes (crop, animal and farm wastes, aquatic wastes) and other biological materials, mostly produced insitu- along with beneficial microbes (bio fertilizers) to release nutrients to crops, which connotes the 'organic' nature of organic farming. It is also termed as organic agriculture. In the Indian context it is also termed as 'Javik Krishi'. We have compiled all the relevant information regarding integrated organic farming in this book. This is first book of its kind which contains reliable details related to organic farming, green manuring, biological nitrogen fixation, uses of vermiculture bio-tech, organic fertilizers for flooded rice ecosystem, biological pest management, press mud as plant growth promoters, bio fertilizer for multipurpose tree species, rice- fish integration, response of crops to organic fertilizer and many more. The book is very useful for farmers, agriculture universities, consultants and research scholars.

## HANDBOOK ON TALL OIL ROSIN PRODUCTION, PROCESSING AND UTILIZATION

Rs. 1575/- US \$ 150



Tall oil, a by-product of kraft pulping of pine wood, is formed by acidifying black liquor soap skimmings. It consists of resin acids or rosin, fatty acids, and neutrals. Crude tall oil fatty acid, an industrial-grade oleic and linoleic acid blend. The bulk of the neutrals, largely esters of fatty acids, sterols, resin and wax alcohols, and hydrocarbons, boil at either lower or higher temperatures than the boiling range of the fatty and resin acids. Tall oil itself has a variety of uses in industry. It is

used as a frothing agent in the flotation process for reclaiming low grade copper- lead- and zinc-bearing ores, and as a solvent or wetting agent in a variety of textile and synthetic fibre manufacturing processes. The distilled fatty acids are used in soaps, detergents and disinfectants and as a base for lubricating greases, textile oils, cutting oils and metal polishes. They are also used as drying agents in paint, although synthetic substances are widely used. The fatty acids are unsaturated and on exposure to air undergo autoxidation and polymerization to form resin-like materials which form a tough protective coating. The book contains production details of different products like recovery of crude tall oil, Composition and properties of crude tall oil, Lab. Scale fractional vacuum distillation, tall oil soap acidulation, purification of sulphate soap, hydrodynamic separation of CTO, dimerization of tall oil fatty acid, black liquor soap recovery methods, tall oil in asphalt products and petroleum uses, tall oil in liquid soaps, tall oil in rubber, paper and printing inks etc. This book is very useful for scientists, scholars, consultants and technical institutions.

Rs. 1575/- US \$ 150

## Handbook on Paint Testing Methods



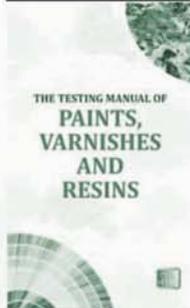
Handbook on Paint Testing Methods

Paints and their allied products like varnishes, enamels, pigments, printing inks and synthetic resins protect assets from corrosion. These are increasingly being used in automotive, engineering and consumer durable sectors. Paint testing can be done in a number of different ways. The fact of the matter is that many industries use several different paint testing methods in order to ensure accurate results. Paint should be tested in a wet form for particular

properties but also in the dry form. Testing of paints generally falls into three categories: testing of the raw materials, testing of the finished product and performance testing using accelerated weathering and other simulation type methods of evaluation. The purpose of paint testing is to help and ensure that the minimum requirements for ingredients and material characterization are met by the manufacturer on a batch basis and to help ensure that the formulated product will provide satisfactory performance in the environment. This handbook elaborates the different testing methods of paints with an understanding of the various tests that can be performed on product performance. This handbook will be very helpful to its readers who are related to this field and will also find useful for upcoming entrepreneurs, existing industries, technical institution etc.

## THE TESTING MANUAL OF PAINTS, VARNISHES AND RESINS

Rs. 1875/- US \$ 150



This testing manual elaborates the methods used to determine the physical and chemical properties of paint, varnish, resins, and related materials. The purpose of this book is to help its readers to establish standardized testing methodologies and to eliminate unnecessary or undesirable variations in test results when evaluating a product's adherence to specification requirements. It is hoped that this book will help its readers who are new to this sector and will also find useful for new entrepreneurs, existing industries, technical institution etc.

## BOOKS ON FOOD, SPICES, BAKERY, FRUITS, VEGETABLES, POULTRY, DAIRY, CONFECTIONERY, AGRO PRODUCTS/OILS & FATS, FOOD COLOURS, ADDITIVES



### The Complete Technology Book On **DAIRY & POULTRY INDUSTRIES**

(With Farming & Processing) 2nd Revised Edition  
Developments in the Dairy and Poultry industries during the last decade have been important enough to brought out a considerable amount of material on Dairy and Poultry farming and processing of milk and poultry related products. The first book of its kind which cover complete details of dairy poultry farming, processing, how to feed cows, birds in dairy and poultry, kind of diseases and their cure and other information related to farming. **₹1275 US\$125**



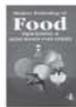
### The Complete Technology Book On **SNACK FOODS**

2nd Rev. Edn.  
There are plenty of marketing niches and slots to be filled in the Snacks Food area. This book attempts to provide the processes for the manufacture of various Snacks food items which has tremendous domestic and export market. **₹1475 US\$150**



### MODERN TECHNOLOGY OF **MILK PROCESSING & DAIRY PRODUCTS**

4th Rev. Edn.  
The dairy industries in many countries a major contributor to the manufacturing capacity of the food sector, and as more components of milk are utilised in processed food, so this importance is likely to grow. This book is devoted solely to milk and its products. The book deals with processes, formulae, project profiles, details of plant machinery and raw materials with their resources etc. of various dairy products. **₹1475 US\$150**



### MODERN TECHNOLOGY OF **FOOD PROCESSING & AGRO BASED INDUSTRIES**

2nd Edn.  
The book contains confectionery, bakery, canning and preservation, fruits and vegetable products, Agro based projects with processes, formulae, machinery and raw materials sources etc. **₹1475 US\$150**



### Hand Book on **SPICES**

India is one of the leading producers and exporters of spices in the world. This book covers the comprehensive information on cultivation and processing of main spices and condiments of India which play important role in national economies of several spices producing, importing and exporting countries. **₹975 US\$100**



### Modern Technology of **CONFECTIONERY INDUSTRIES**

With Formulae & Processes 2nd Rev. Edn.  
Confectionery in a broader sense implies the preservation of sweet-meat preparation in the form of candies, caramels, chocolates, processed cocoa products and traditional Indian confections. Special emphasis has been made on describing the various process parameters and equipments used with the help of process diagrams wherever necessary. Apart from these it also contains details of cooking techniques, formulae, processes, the incorporation of flavours and essences, permitted colours used, quality control aspects along with sources of plant, machinery and raw material. **₹600 US\$100**



### **RABBIT, GOAT, SHEEP, POULTRY, FISH AND PIG FARMING WITH FEED TECHNOLOGY**

Livestock and poultry in Indian tropics and subtropics play a critical role in agricultural economy by providing milk, wool, meat, eggs and draft power and manure. They are living banks for farmers and provide flexible reserves during period of economic stress and buffer against crop failure. Rabbit farming is no doubt very profitable wing to their short generation interval and their rapid prolificacy. The large demand for animal protein and fiber, the future for sheep meat and wool seems to be assured. Sheep rearing is the major source of livelihood to small and marginal farmers and landless labourers in hilly areas, and semi-arid region of India. Goat was believed to be the earliest ruminant, among livestock species, to be domesticated by man in around 7600 B.C. probably, due to its multipurpose utility to the human beings. Fish is a good source of animal proteins. Man has realized its importance from the very inception of the evolution of the human race. **₹1100 US\$125**



### The Complete Technology Book on **Cocoa, Chocolates, Ice cream and other Milk Products**

Cocoa, Chocolate and Ice cream are the products which has a good nutritious value and relatively inexpensive food. Cocoa butter is used in chocolate and to cover other confectionery products. Now a days chocolate and ice creams are gaining good popularity among the society all over the world. The present book contains formulae, processes and other relevant details related to manufacture of Cocoa products, chocolates, ice cream and other milk products. An attempt has been made to bring in to focus the significant aspect of cocoa products, dairy products manufacturing **₹1275 US\$125**



### **FOOD PACKAGING TECHNOLOGY HANDBOOK**

2nd Rev. Edn.  
This book gives comprehensive account of food packaging, which is the most important part to preserve the food for a long time. **₹1475 US\$150**

### THE COMPLETE TECHNOLOGY BOOK ON PROCESSING, DEHYDRATION CANNING, PRESERVATION OF **FRUITS & VEGETABLES**

A Comprehensive book which deal with Processing, Dehydration, Canning, Preservation of various fruits and vegetables. Information on quality control and other parameters has been discussed in this book which is necessary for this type of project. Each chapter gives theoretical as well practical information to understand the basic principles and methodology. **₹1575 US\$150**

### THE COMPLETE TECHNOLOGY BOOK ON **BAKERY PRODUCTS**

**Baking Science with Formulation & Production** 3rd Rev. Edn.  
Bakery products are gaining a new dimension in modern times owing to their versatility in day to day life. Being highly demandable products, their popularity is increasing tremendously. The book elucidates full procedure to be adopted for making various bakery products, details of raw materials, plants and machinery required along with their suppliers, formulae, processes etc. **₹1675 US\$150**

### Modern Technology on **Food Preservation**

The people in the world required trillions pounds of food, one mouthful at a time, during the period from one food harvest to the next. All of man's foods are perishable commodities, they begin to deteriorate shortly after harvest, gather or slaughter. The purpose of this book is to present the elements of the technology of food preservation. It deals with the products prepared from various fruits and vegetables commercially as well as on home scale. Relevant information on enzymes, colours, additives, flavours, adulation, etc., has been given. **₹1275 US\$125**

### Hand Book on **FRUITS, VEGETABLES & FOOD PROCESSING**

With **Canning & Preservation** 3<sup>rd</sup> Rev. Edn.

Natural foods such as fruits and vegetables are among the most important foods of mankind as they are not only nutritive but are also indispensable of the maintenance of the health. The present book covers the processing of various types of fruits, vegetables and other food products. Apart from this Canning and Preservation processes are also included in this book with other comprehensive details. **₹1475 US\$150**

### Modern Technology of **OILS, FATS & ITS DERIVATIVES**

2nd Rev. Edn.  
The book contains the manufacturing processes and other related informations of important Oils, Fats and their derivatives. **₹1875 US\$150**

### Modern Technology of **AGRO PROCESSING AND AGRICULTURAL WASTE PRODUCTS**

The book deals with the processing of different products manufactured from agro crops. It also contains the number of products made from agricultural waste with their project profiles, requirements of plant, machinery and raw materials and addresses of their suppliers. **₹975 US\$100**

### **FOOD COLOURS, FLAVOURS AND ADDITIVES TECHNOLOGY Handbook**

The people in earth require about 3.4 billion pounds of food, one mouthful at a time. All of man's food are perishable. They begin to deteriorate shortly after harvest. This also loses the restrictive value of foods. In this twenty first century, mankind has developed a technology to retain the original value of food by adding additives, flavours and colours, which also increases the taste of food. **₹1000/- US\$ 100**

### **Food Flavours Technology Hand Book**

No Doubt flavour is one of the most important attributes of the food products we eat in our daily life. Man does not eat simply to live but even more so lives to eat. The flavour industry has become a vital element in the growth and success of food and beverage industries worldwide. The present book contains formulae, processes of various flavours applied in food and beverage industries. **₹1075 US\$125**

### The Complete Technology Book on **Flavoured Ice Cream**

Ice Cream is a favourite food of millions around the world. It is a frozen mixture of a combination of component of milk, sweeteners, stabilizers, emulsifiers and flavours. Ice cream is a palatable, nutritious and relatively inexpensive food. No other food enjoys so much popularity and has as attractive a form and appeal as ice cream. It is a comprehensive book which covers all the aspects of manufacturing of ice cream in various flavours. **₹975 US\$100**

### **Wheat, Rice, Corn, Oat, Barley and Sorghum Processing Handbook**

(Cereal Food Technology)  
Cereal grains play an important role in meeting the nutrient needs of the human population. Like any food, they are good to excellent sources of some nutrients and low or void in other nutrients. The vitamins content varies from one part of grain to another. The quality of cereal product is determined by a variety of characteristics which may be assigned different significance depending on the desired end use or type of product. The present book contains processing of various cereal like wheat, rice, corn, oat, barley and sorghum with latest techniques. **₹975 US\$100**

### The complete Book on **SPICES & CONDIMENTS**

(With Cultivation, Processing & Uses) (2nd Rev. Edn.)  
The great mystery and beauty of spices is their use, blending and ability to change and enhance the character of food. Spices and condiments have a special significance in various ways in human life because of its specific flavours, taste, and aroma. Spices and condiments play an important role in the national economies of several spice producing, importing and exporting countries. India is one of the major spice producing and exporting countries. The present book contains cultivation, processing and uses of various spices and condiments, which are well known for their multiple uses in every house all over world. **₹2275 US\$200**

## SYNTHETIC RESINS



### The Complete Technology Book on **Synthetic Resins With Formulae And Processes**

Synthetic Resins are used by lot of industries. Yet until, little emphasis has been placed on the comparative value or functionality of polymeric material as a class. These resins have been classified in separate categories, usually in terms of their Chemistry, sources or end uses. The present book contains formulae, processes and other valuable details for various synthetic resins. **₹1150 US\$125**

### Modern Technology of **Synthetic Resins & Their Applications**



The book covers manufacturing processes formulae of various types of synthetic resins with their applications. **₹975 US\$100**



### **Synthetic Resins Technology Handbook**

Resins are polymeric compounds which are available in nature and are also manufactured by synthetic routes. Some resins are also manufactured by partial modification of natural precursor polymer by chemical. The resins have wide industrial uses like in lacquers, paints, textiles, varnishes, printing inks and cosmetics etc. This book contains formulae, processes and applications of various resins. **₹1100 US\$125**





Vol. 21 No. 2  
FEBRUARY 2015

EDITOR  
**AJAY KR. GUPTA**

D.M.S., M.B.A.

Entrepreneurship Management

ASSOCIATE EDITOR  
**P.K. TRIPATHI**

Printed, published & Edited by **Ajay Kr. Gupta** on behalf of "NIIR PROJECT CONSULTANCY SERVICES" 106-E, Kamla Nagar, Delhi-7 and Printed at M/s. New Gian Offset Printers, 495, DDA complex, Shahazada Bagh, Delhi-35. Registered RNI No. 61509/95

Postal License **G-3/DL(N)/114/2015-2017** and Vide U. Licence No. **U(DN)154/2012-14** Licensed to Post without Prepayment at Delhi R.M.S., Delhi - 110 006

## ABOUT US



NPCS marketing Associates of **National Institute of Industrial Research, NIIR** an ISO 9001 : 2008 CERTIFIED COMPANY is a reliable name in industrial world for offering integrated technical consultancy service and also technical collaborations. At NPCS, we provide prudent advice regarding a business when diversification is on the anvil, when an entrepreneur is up against lack of information before starting a project, we strive to provide them with technology evaluation, sourcing and assimilation of detailed project reports, market survey studies and research through our advanced Industrial, Business and Commercial Database.

We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. Over the years, NPCS has become a well-known name in the industrial world for offering integrated technical consultancy service. Due diligence reports are prepared on behalf of the proposed buyers and sellers of the business. We provide the services through comprehensive knowledge of equipment and practices through our excellent team at very economical price.

A large number of our Indian and NRI clients have appreciated our expertise for excellence by giving us report orders which speak volumes about our commitment in providing complete customer satisfaction. We have successfully handled a number of NGO projects. NPCS is manned by a dedicated team of highly qualified and experienced and consultants Engineers, Economist and Technologists from various disciplines. We have undertaken extensive work in identifying new project opportunities sourcing technology and industrial know-how from European, South Asian + USA etc and keeping in step with changing industrial scene and growing needs of entrepreneurs and business houses in India and Abroad.



### How to Scan QR Code to reach [www.niir.org](http://www.niir.org)

1. Open the Scanner App and point your mobile camera towards the QR Code
2. Auto-focus feature having phone will automatically detect code.
3. For non-Auto-focus phones, press scan to capture QR Code and then it will show the result



## SELECTED PROJECTS FOR YOU

### Alcohol from Potato

The term alcohol was first applied to the spirits of wine, ethyl alcohol, and now it refers to a series of substances with similar characteristics. Ethyl alcohol is the active constituent of all intoxicating liquors obtained by the fermentation of saccharine materials. It is present in the form of esters in several volatile oils. It is now a days prepared in immense quantities, chiefly by fermentation and finds numerous industrial uses, and is also being used as a motor fuel. Alcohol is itself a raw material for chemicals, it is also a solvent.

The use of alcohol as an exhilarating and intoxicating beverage is common throughout the world. Today, the fermented juice, obtained from several palms, has long been used by the poorer classes in India, has long been used by the poorer classes in India, and the distillation of spirit, arrack from fermented rice, toddy etc; has been known, since early times. Since the advent of the English into India, modern distilleries and breweries have been established in almost all the Provinces and important States. The potable spirits made are country spirit (arrack and spiced liquors), and liquors resembling, imported spirit (rum, gin, whisky, and brandy). Alcohol is used directly in the manufacture of several compounds such as ether, ethyl acetate, and other esters, acetic acid (vinegar), acetone, chloral, chloroform and iodoform. It is required for the manufacture of mercury fulminate which is largely used in detonators for explosives. It is a solvent in preparing T.N.T. Alcohol is also employed in the preparation of transparent soaps.

Industrial ethanol is a mature market. However, due to the rapid growth in fuel ethanol, the market dynamics are actively changing. Key suppliers in this market include domestic and imported fermentation producers, as well as domestic and imported synthetic producers. Therefore, it is a good project for entrepreneurs to invest.

### COST ESTIMATION

Capacity	
Alcohol from Potato	: 60 KLs/Day
Plant & Machinery	: Rs 810 Lakhs
Cost of Project	: Rs 2280 Lakhs
Rate of Return	: 28%
Break Even Point	: 44%

### Ferro Silicon

Ferro Alloys Plays major role in Steel Production and industrial development. Ferro-alloys are iron based alloys with varied elements introduced in steel making to cater to the specific needs. These are specified additions to the production of steel for various applications. Generally ferro-alloys are designated by base metal indicated as under such as:

- Ferro - silicon
- Ferro - manganese
- Silico - manganese
- Ferro - chrome etc.

Ferro alloys are iron bearing alloys with additives which are passed on to steel to meet specific needs. The Ferro alloys are brittle and can be crushed to any size to be added to the molten steel as additives. Generally the additives as in steel are invariably added in the form of Ferro alloys. These are established additives in the steel production to obtain

## PROCESS TECHNOLOGY BOOKS (Limited Editions) Only photostat copy available

₹ US \$

### Chemical/Jute/Pharma/Drugs/Bio-Tech Hi-Tech Projects

Detailed Project Profiles on Chemical Industries (Vol. II) 2 <sup>nd</sup> Rev.Edn.	1695/-	150
Detailed Project Profiles on 9 Selected Chemical Industries. 2 <sup>nd</sup> Rev.Edn.	1995/-	150
Hand Book on 100% Export Oriented Jute & Jute Products (Eco Friendly Projects)	695/-	100
Investment Opportunity in Drugs & Pharmaceutical Projects	1895/-	150
Bio-Tech & Pharmaceutical Hand Book	1895/-	200
Hand Book on Projects in Export Thrust Area with International Market Survey (Bio-Tech & Pharmaceutical Technology)	1095/-	100
Detailed Project Profiles on Selected Hi-Tech Projects (Project Reports)	795/-	100

### Cereal Food/Food & Beverages/Dairy/Plantation/Agro Based/Farming

Manufacture of Food & Beverages (2 <sup>nd</sup> Edn.)	1895/-	150
Detailed Project Profiles on Dairy & Dairy Products (2 <sup>nd</sup> Edn.)	1495/-	150
Detailed Project Profiles on Plantation (Agro Based Projects)	1095/-	100
Profitable Agro Based Projects with Project Profiles (Cereal Food Technology) (2 <sup>nd</sup> Rev. Edn.)	1895/-	150
Hand Book on Agro Based Industries (2 <sup>nd</sup> Rev. Edn.)	1595/-	150
Profitable Farming & Allied Projects (2 <sup>nd</sup> Rev. Edn.)	1495/-	150



## PROCESS TECHNOLOGY BOOKS

₹/US\$

### NAME OF BOOKS

#### CHEMICALS, FINE CHEMICALS, VITAMINS, AMINO ACIDS AND PROTEINS

* Handbook On Chemical Industries (Alcohol Based)	750/-	100
* Industrial Chemicals Technology Handbook	1100/-	125
* The Complete Technology Book On Chemical Industries	975/-	100
* Modern Technology Of Industrial Chemicals	1100/-	125
* The Complete Technology Book On Fine Chemicals	1100/-	125
* Handbook On Fine Chemicals, Vitamins, Amino Acids And Proteins	1450/-	150
* The Complete Book on Electroplating & Allied Chemicals	1975/-	200

#### PHARMACEUTICAL, DRUGS

* Drugs & Pharmaceutical Technology Handbook	1075/-	125
--	--------	-----

#### PESTICIDES, INSECTICIDES

* The Complete Technology Book On Pesticides, Insecticides, Fungicides and Herbicides With Formulae & Processes	1100/-	100
* Biopesticides Handbook	1575/-	150

#### STARCH & ITS DERIVATIVES

* The Complete Technology Book On Starch & Its Derivatives	1100/-	125
--	--------	-----

#### WAX & POLISHES

* The Complete Technology Book On Wax And Polishes	1675/-	150
--	--------	-----

#### BIO-TECHNOLOGY, NANOTECHNOLOGY, ENZYMES,

#### FOOD BIO-TECHNOLOGY, VERMICULTURE, VERMICOMPOST,

#### BIO-FERTILIZER, ORGANIC FARMING, BIOGAS, MUSHROOM

* Bio-Technology Handbook	1100/-	125
* Plant Biotechnology Handbook	1100/-	125
* Enzymes Bio-Technology Handbook	1100/-	125
* The Complete Book on Biotechnology Based Bulk Drugs	1050/-	125
* Handbook On Food Bio-Technology	1100/-	125
* Handbook On Plants And Cell Tissue Culture	1275/-	125
* The Complete Technology Book On Vermiculture And Vermicompost	750/-	100
* The Complete Technology Book On Bio-Fertilizer And Organic Farming (2nd Rev.Ed.)	1400/-	150
* Handbook On Biogas And Its Applications	975/-	100
* Handbook On Mushroom Cultivation And Processing (With Dehydration, Preservation And Canning)	1275/-	125
* The Complete Book on Organic Farming and Production of Organic Compost	1275/-	125
* Nanotechnology Handbook	1675/-	150
* Nanoscience and Nanotechnology Handbook	1675/-	150
* Manufacture of Biofertilizer and Organic Farming	975/-	100
* Integrated Organic Farming Handbook	1275/-	125
* Handbook on Organic Farming and Processing	1275/-	125

#### PRINTING, PACKAGING, PRINTING INK

* Handbook On Modern Packaging Industries (2nd Revised Edition)	1675/-	150
* Modern Technology Of Printing & Writing Inks	750/-	100
* The Complete Technology Book On Printing Inks	1000/-	100
* The Complete Book On Printing Technology	1100/-	125
* Handbook On Printing Technology (Offset, Gravure, Flexo, Screen) (2nd Rev.Ed.)	1275/-	125
* Screen Printing Technology Handbook	1000/-	100
* Modern Printing Technology	250/-	50

#### PAPER, PULP & PAPER CONVERSION

* Modern Technology Of Pulp, Paper And Paper Conversion Industries	1000/-	100
* The Complete Technology Book On Pulp & Paper Industries	1100/-	125
* Handbook on Pulp and Paper Processing	1875/-	150



## SELECTED PROJECTS FOR YOU

specific needs.

The market for ferrosilicon is largely in steel (85%) and cast iron (15%), with very small amounts used in non-ferrous alloys. As a whole it is a good project for entrepreneurs to invest.

### COST ESTIMATION

Capacity

• Ferro Silicon	: 100 MT/Day
Plant & Machinery	: Rs 7566 Lakhs
Cost of Project	: Rs 10793 Lakhs
Rate of Return	: 28%
Break Even Point	: 43%

## Kraft Paper from Waste Cartons

Paper is a major product of the forestry industry, and is used widely in our society. Paper products are used not only in their obvious applications in the publishing industry and for writing on, but also in a variety of specialty papers, cardboards, brown papers etc. In addition, various chemicals are produced as a byproduct of the pulp and paper industry. Kraft paper, Brown paper or wrapping paper is made from variety of raw materials, e.g. Bagasse, ground wood, straw, waste paper, in various combinations or alone, waste

carton boxes etc. 'Kraft' mean strength and that is why its name. It is leading paper for wrapping heavy bundles. After corrugation it is used in many types of packing and it is an important packaging material.

Kraft paper is extensively used for wrapping purposes, viz. wrapping paper bags, linters, corrugated sheets, etc. Kraft paper can be utilized for many different purposes. One of the most common uses of the plain brown paper is in the manufacture of paper bags for use in grocery stores. Their solid construction makes the bags ideal for use with all sorts of grocery items.

Machine Glazed (MG) papers are useful for paper bags; the high gloss of one side makes it easier to print and the roughness of the other provides a key for the adhesive used. Kraft paper is sometimes used for home crafts as well. A section of it is an ideal medium for the creation of homemade costumes for Halloween or a costume party. Children can draw on bleached or unbleached paper without a lot of worry about markers leaking through to tabletops. People who want to be more natural and creative with their gift wrap may choose to use this paper for wrapping gifts, often embellishing with other natural elements or using markers or stencils to create a unique design. Thus, due to demand it is a good project for



## PROCESS TECHNOLOGY BOOKS

NAME OF BOOKS

₹ /US\$

### AGRO BASED, CEREAL FOOD, MILK, COCOA, CHOCOLATE, ICE CREAM, PLANTATION, FARMING, FOOD & BEVERAGES, FRUITS, DAIRY, CONFECTIONERY, VEGETABLES, SPICES, OILS & FATS, BAKERY, SNACKS, FISHERIES, MEAT, COCONUTS

* Cultivation Of Fruits, Vegetables And Floriculture	1100/- 125
* Cultivation Of Tropical, Subtropical, Vegetables, Spices, Medicinal And Aromatic Plants	1075/- 125
* Tropical, Subtropical Fruits And Flowers Cultivation	1075/- 125
* Food Packaging Technology Handbook (2nd Rev. Edn.)	1475/- 150
* Modern Technology On Food Preservation (2nd Rev. Edn.)	1275/- 125
* Modern Technology Of Food Processing & Agro Based Industries 2 <sup>nd</sup> Edn	1575/- 150
* Modern Technology Of Confectionery Industries With Formulae & Processes (2 <sup>nd</sup> Rev. Ed.)	600/- 100
* Modern Technology Of Agro Processing & Agricultural Waste Products	975/- 100
* Handbook On Spices	975/- 100
* Modern Technology Of Oils, Fats & Its Derivatives (2nd Rev. Edn.)	1875/- 150
* Modern Technology Of Milk Processing & Dairy Products (4th Revised Edition).	1475/- 150
* The Complete Technology Book On Dairy & Poultry Industries With Farming & Processing (2nd Rev. Edn.)	1275/- 125
* The Complete Technology Book Of Cocoa, Chocolate, Ice Cream And Other Milk Products	1275/- 125
* The Complete Technology Book On Flavoured Ice Cream	975/- 100
* Wheat, Rice, Corn, Oat, Barley And Sorghum Processing Handbook (Cereal Food Technology)	975/- 100
* The Complete Book On Spices & Condiments (With Cultivation, Processing & Uses) (2nd Revised Edition)	2275/- 200
* The Complete Book On Coconut & Coconut Products (Cultivation And Processing)	1100/- 125
* Rabbit, Goat, Sheep, Poultry, Fish And Pig Farming With Feed Technology	1100/- 125
* The Complete Technology Book On Bakery Products (Baking Science with Formulation & Production (3rd Rev. Edition)	1675/- 150
* The Complete Technology Book On Snack Foods (2nd Rev. Edn.)	1475/- 150
* The Complete Technology Book On Processing, Dehydration, Canning, Preservation Of Fruits & Vegetables	1575/- 150
* Handbook On Fruits, Vegetable & Food Processing With Canning & Preservation (3rd Rev. Edn.)	1475/- 150
* Handbook On Fisheries And Aquaculture Technology	1100/- 125
* Fresh Meat Technology Handbook	975/- 100
* The Complete Book On Meat Processing And Preservation With Packaging Technology	1275/- 125
* Preservation Of Meat And Poultry Products	1100/- 125
* Potato and Potato Products Cultivation, Seed Production, Manuring, Harvesting, Organic Farming, Storage and Processing	1275/- 125
* Handbook on Rice Cultivation and Processing	1075/- 125
* The Complete Technology Book on Meat, Poultry and Fish Processing (2nd Rev. Edn.)	1475/- 150
* The Complete Book on Beekeeping and Honey Processing	1075/- 125
* The Complete Technology Book on Alcoholic and Non-Alcoholic Beverages	2575/- 200
* Handbook on Citrus Fruits Cultivation and Oil Extraction	1575/- 150
* Fruits, Vegetables, Corn and Oilseeds Processing Handbook	1675/- 150
* Handbook on Spices and Condiments (Cultivation, Processing and Extraction)	1575/- 150
* Handbook on Fermented Foods and Chemicals	1875/- 150
* Industrial Alcohol Technology Handbook	1675/- 150
* The Complete Book on Wine Production	2275/- 200
* Handbook on Milk and Milk Proteins	1275/- 125
* The Complete Book on Cultivation and Manufacture of Tea	1475/- 150
* The Complete Book on Sugar cane Processing and By-Products of Molasses (with Analysis of Sugar, Syrup and Molasses)	1675/- 150
* Confectionery Products Handbook (Chocolate, Toffees,	

## PROCESS TECHNOLOGY BOOKS

(Limited Editions)

Only photostat copy available

₹ US\$

### Plastics/Paints/Varnishes/ Automobile/Infrastructure/ Hospitality, Medical, Entertainment, Ware Housing & Real Estate Projects

Detailed Project Profiles on Hi-Tech Plastic Products 2 <sup>nd</sup> Rev. Edn.	1895/- 150
Manufacture of Paint, Varnish & Allied Products 2 <sup>nd</sup> Rev. Edn.	1495/- 150
Hand Book on Automobile & Allied Products (with Data Bank) 2 <sup>nd</sup> Rev. Edn.	1495/- 150
Investment Opportunities in Infrastructure Projects	2500/- 225
Investment Opportunities in Hospitality, Medical, Entertainment, Ware Housing & Real Estate Projects	4408/- 350
Handbook on Rubber and Allied Products (with Project Profiles)	2295/- 200

You can deposit the amount in  
**NPCS**  
Account with  
**ICICI Bank**  
**CA - 038705000543**

**HDFC BANK**  
**03392320000423**



## SELECTED PROJECTS FOR YOU

entrepreneurs to invest.

### COST ESTIMATION

Capacity

• Brown Top Testliners	: 33.3 MT/Day
• Fluting Papers	: 33.3 MT/Day
• White Top Testliners	: 33.3 MT/Day
Plant & Machinery	: Rs 2868 Lakhs
Cost of Project	: Rs 5662 Lakhs
Rate of Return	: 8 %
Break Even Point	: 68%

## Brake Shoe

The automobile is unique-technological achievement, which make the distance shorter. With this a far distance is covered in very short time. In developing India the use of automobile vehicles is increasing tremendously. The first motor car which was imported to India came in 1898 and now from that time upto the present time there are so many manufacturers who are manufacturing various Automobile vehicles.

Brake shoe is used in the brake of an automobile. Automobile brakes require more attention than any other system in the vehicle. Brake shoes are used in the brakes of automobile vehicles. This provides the base to the lining. This is the part, which feeds pressure and transmits the force to the lining by expansion. This is a very important part of the braking system. Due to high friction, the vehicle stops. An understanding of the requirement of braking systems of automobile vehicles requires knowledge of the purpose of brakes, An appreciation of their contribution to safety, Recognition of the factors controlling the stop, An understanding of braking action, An appreciation of possible stopping distances.

### COST ESTIMATION

Capacity

• Brake Shoe (Aluminium Based)	: 2000 NOs/Day
• Brake Shoe (Mild Steel Based)	: 2000 NOs/Day
Plant & Machinery	: Rs 49 Lakhs
Cost of Project	: Rs 148 Lakhs
Rate of Return	: 28 %
Break Even Point	: 65 %

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :

### NIIR PROJECT CONSULTANCY SERVICES

AN ISO 9001:2008 CERTIFIED COMPANY

106-E, Kamla Nagar, Delhi-7. Ph.: 91-11-23843955, 23845886, 23845654 Mob.: 9811043595 Fax: 91-11-23841561 E-mail : npc.s.india@gmail.com

## TERMS

### & CONDITIONS

(FOR INDIA ONLY)

Send full payment in advance by Draft in favour of "NIIR PROJECT CONSULTANCY SERVICES" Delhi. add ₹ 85/- towards shipping charge for each book

Contact :



**NIIR PROJECT CONSULTANCY SERVICES**  
AN ISO 9001 : 2008 Certified Company

106-E, KAMLA NAGAR,  
DELHI - 110 007 (INDIA)  
PH.(O) 91-11-23843955, 23845886,  
23845654 (M) 9811043595  
FAX 91-11-23841561  
E-mail : npcs.india@gmail.com,  
info@niir.org

You can deposit the amount in  
**NPCS**

Account with  
**ICICI Bank**  
**CA - 038705000543**

**HDFC BANK**  
**03392320000423**



## PROCESS TECHNOLOGY BOOKS

NAME OF BOOKS	₹/US\$
Chewing Gum & Sugar Free Confectionery)	1975/- 200
* The Complete Book on Fruits, Vegetables and Food Processing	1675/- 150
* The Complete Book on Cashew (Cultivation, Processing & By-Products)	1775/- 150
<b>SMALL SCALE INDUSTRY (SSI), ENTREPRENEURSHIP, PROJECT IDENTIFICATION AND PROFILES, HI-TECH PROJECTS, EXPORT BUSINESS, GUIDELINES, SELF EMPLOYMENT, WOMEN ENTREPRENEURSHIP, SMALL, COTTAGE &amp; HOME INDUSTRIES</b>	
* Stop Dreaming - Start Your New Business	400/- 50
* What No One Ever Tells You About Starting Your Business-Facilities And Procedures For Entrepreneurs	400/- 50
* Secrets For Making Big Profits From Your Business With Export Guidelines	400/- 50
* Opportunities For Women Entrepreneurship (With Project Profiles) 2nd Edition	575/- 50
* Laghu V Kuteer Udyog (Small Scale Industries) (In Hindi)	650/- 100
* Laghu V Grih Udyog (Savrojgar Pariyogayen) (In Hindi)	600/- 100
* Profitable Small, Cottage & Home Industries	800/- 100
* Select And Start Your Own Industry (4th Revised Edition)	475/- 50
* Just For Starters : How To Start Your Own Export Business ? 3 <sup>rd</sup> Rev. and Enlarged Edn.	525/- 75
* Just For Starters : How To Become A Successful Businessman ? 3 <sup>rd</sup> Revised Edition.	475/- 75
* Best Businesses You Can Start With (Almost) No Cost	325/- 50
* 50 Projects To Start With 5,00,000	475/- 75
* Just For Starters: Selected Projects To Start With 30,00,000	475/- 50
* Just For Starters: Selected Projects To Start With 15,00,000	475/- 50
* Just For Starters : Selected Projects To Start With 35,00,000	475/- 50
* Grow Rich By Starting Your Own Business	325/- 50
* 50 Best Home Businesses To Start With Just 50,000	425/- 75
* Profitable Cottage and Tiny Industries	475/- 50
* Profitable Small Scale Industries	475/- 50
* Money Making Business Ideas—You Can Start From Home With Low Costs	750/- 100
* स्मॉल स्केल इण्डस्ट्रीज प्रोजेक्ट्स (लघु, कुटीर व घरेलू उद्योग परियोजनाएं उद्यमिता मार्गदर्शिका)	875/- 100

### FASHION TECHNOLOGY

* Fashion Technology Handbook	325/- 50
<b>CANDLE: MAKING &amp; DESIGNS</b>	
* The Complete Technology Book On Candle: Making & Designs	650/- 100
<b>PLASTICS, SPECIALITY PLASTICS, FOAMS (URETHANE, FLEXIBLE, RIGID), PET &amp; PREFORM, BIODEGRADABLE PLASTICS, POLYESTER FIBERS, MOULD DESIGNS, PLASTIC FILMS, HDPE AND THERMOSET PLASTICS, MEDICAL PLASTICS, INDUSTRIAL POLYMERS, ADDITIVES, COLOURANTS AND FILLERS, FIBRE GLASS, OPTICAL GLASS AND REINFORCED PLASTICS</b>	
* Modern Technology Of Plastic Processing Industries (2 <sup>nd</sup> Edition)	975/- 100
* Speciality Plastics, Foams (Urethane, Flexible, Rigid)	
Pet & Preform Processing Technology Handbook	1275/- 125
* Handbook On Biodegradable Plastics (Eco-Friendly Plastics)	600/- 100
* Polymers And Plastics Technology Handbook	750/- 100
* The Complete Book On Biodegradable Plastics And Polymers (Recent Developments, Properties, Analysis, Materials & Processes)	1275/- 125
* The Complete Book On Medical Plastics	975/- 100
* The Complete Technology Book On Expanded Plastics, Polyurethane, Polyamide And Polyester Fibers	1275/- 125
* The Complete Technology Book On Industrial Polymers, Additives,	



## SELECTED PROJECTS FOR YOU

### Guar Gum Powder

Guar is also called guaran, is a Galactomannan. It is primarily the ground endosperm of guar beans. The guar seeds are dehusked, milled and screened to obtain the guar gum. It is typically produced as a free flowing, pale, off-white colored, coarse to fine ground powder. It is available in form of: Guar Seed, Guar Gum Powder, Guar Refined Split, Guar Churi Meal.

Guar gum is water-soluble plant mucilage obtained from the grand endosperms of cyanopsis tetragonoloba, cultivated in Pakistan as livestock feed. The water-soluble portion of the flour (85%) is called 'guaran' and consists of 35% galactose, 63% mannose, probably combined in a polysaccharide 5-7% protein.

Guar gum exporter provides guar gum for food additives, guar gum for food ingredients, guar gum for pet food additives, guar gum stabilizing, food grade guar gum, industrial grade guar gum and technical

grade guar gum.

Guar manufactured from guar has got variety of uses. Guar Gum is used as Natural thickener, Emulsifier, Stabilizer, Bonding agent, Hydrocolloid, Gelling agent, Natural Fiber, Fracturing agent.

Guar gum industry has ready market and there is a good scope for stabilizing further capacity in India. Guar gum seed treatment machinery can be utilized for dal splitting also with minor modifications and the micro pulveriser could be used for grinding.

India accounts for 80% of the total guar produced in the world and 70% is cultivated in Rajasthan. Pakistan, Sudan and parts of USA are the other major Guar growing countries. 75% of the Guar Gums or their derivatives produced in India are exported mainly to USA and European countries. Thus, due to demand it is a good project for entrepreneurs to invest.

### COST ESTIMATION

Capacity	
• Guar Gum Powder	: 6 MT/Day
Plant & Machinery	: Rs 246 Lakhs

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact : **NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamla Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654 Mob.: 9811043595 Fax: 91-11-23841561 E-mail : npcs.india@gmail.com  
AN ISO 9001:2008 CERTIFIED COMPANY



## PROCESS TECHNOLOGY BOOKS

NAME OF BOOKS	₹/US\$
Colourants And Fillers	1100/- 125
* The Complete Technology Book On Polymers (With Processing & Applications)	1100/- 125
* The Complete Technology Book On Plastic Extrusion, Moulding And Mould Designs	1000/- 100
* The Complete Technology Book On Fibre Glass, Optical Glass And Reinforced Plastics	1275/- 125
* The Complete Technology Book On Plastic Films, HDPE And Thermoset Plastics	1175/- 125
* Modern Technology Of Plastic And Polymer Processing Industries	750/- 100
* Profitable Plastic Industries	250/- 50
* The Complete Book on Water Soluble Polymers	1575/- 150
<b>LEATHER PROCESSING &amp; TANNING</b>	
* Leather Processing & Tanning Technology Handbook	1400/- 150
<b>TEXTILE SPINNING, WEAVING, FINISHING AND PRINTING, PROCESSING WITH EFFLUENT TREATMENT, TEXTILE DYES &amp; PIGMENTS, NATURAL DYES &amp; PIGMENTS, NATURAL FIBERS</b>	
* The Complete Technology Book On Textile Spinning, Weaving, Finishing And Printing	1100/- 125
* The Complete Technology Book On Textile Processing With Effluent Treatment	1000/- 100
* Modern Technology Of Textile Dyes & Pigments	1100/- 100
* The Complete Technology Book On Dyes And Dye Intermediates	1100/- 125
* The Complete Book On Natural Dyes & Pigments	1100/- 125
* Handbook on Natural Dyes for Industrial Applications	1100/- 125
* Natural Fibers Handbook With Cultivation & Uses	1275/- 125
* Woollen Spinning, Weaving, Knitting, Dyeing, Bleaching and Printing Technology Handbook	1100/- 125
* Handbook on Textile Auxiliaries, Dyes and Dye Intermediates Technology	1575/- 150
* The Complete Book on Textile Processing and Silk Reeling Technology	1750/- 150
* The Complete Book on Jute & Coir Products (With Cultivation & Processing)	1175/- 125
<b>ELECTROPLATING, ANODIZING &amp; METAL TREATMENT, POWDER COATING AND METAL FINISHING</b>	
* Electroplating, Anodizing & Metal Treatment Handbook	1475/- 150
* The Complete Technology Book On Electroplating, Phosphating, Powder Coating And Metal Finishing	1100/- 125
<b>RUBBER PROCESSING AND COMPOUNDING</b>	
* The Complete Book On Rubber Processing And Compounding Technology	1575/- 150
* The Complete Book on Rubber Chemicals	1575/- 150
<b>SURFACE COATING, PAINTS, VARNISHES &amp; LACQUERS</b>	
* Modern Technology Of Surface Coating With Formulae & Their Applications	975/- 100
* Paints, Pigments, Varnishes And Enamels Technology Handbook	1100/- 125
* Modern Technology Of Paints, Varnishes & Lacquers 2 <sup>nd</sup> Edn.	1075/- 125
* Handbook on Paints and Enamels	1275/- 125
* Surface Coating Technology Handbook	1475/- 125
* Spirit Varnishes Technology Handbook (with Testing and Analysis)	1275/- 150
* The Testing Manual of Paints, Varnishes and Resins	1875/- 150
* Handbook on Paint Testing Methods	1575/- 150
<b>GUMS, ADHESIVES &amp; SEALANTS, ROSIN &amp; DERIVATIVES, RESINS AND OLEORESINS</b>	
* Gums, Adhesives & Sealants Technology (with Formulae & their Applications) 2 <sup>nd</sup> Rev. Edn.	1475/- 150
* Adhesives Formulary Handbook	1275/- 125
* Handbook On Speciality Gums, Adhesives, Oils, Rosin & Derivatives, Resins, Oleoresins, Katha, Chemicals With Other Natural Products	1275/- 125
* The Complete Book on Adhesives, Glues & Resins Technology	1450/- 150
* Phenolic Resins Technology Handbook	1275/- 125
* The Complete Technology Book on Industrial Adhesives	1675/- 150
* The Complete Book on Gums and Stabilizers for Food Industry	1275/- 125



## SELECTED PROJECTS FOR YOU

Cost of Project	: Rs 705 Lakhs
Rate of Return	: 26%
Break Even Point	: 68%

### Sodium Silicate from Rice Husk Ash

Sodium Silicate is a colourless compound of oxides of sodium and silica. It has a range of chemical formula varying in sodium oxide (Na<sub>2</sub>O) and silicon dioxide or silica (SiO<sub>2</sub>) contents or ratios. Sodium silicate is the generic name for a series of compounds derived from soluble sodium silicate glasses. They are water solutions of sodium oxide (Na<sub>2</sub>O) and silicon dioxide (SiO<sub>2</sub>) combined in various ratios. Varying the proportions of SiO<sub>2</sub> to Na<sub>2</sub>O and the solids content results in solutions with differing properties that have many diversified industrial applications. These are sold as 20% to 50% aqueous solutions called water glass.

Rice husk a major by-product of the rice milling industry, is one of the most commonly available lignocellulosic materials that can be converted to different types of fuels and chemical feedstocks through a variety of thermo chemical conversion processes. Rice husk is an agricultural residue

abundantly available in rice producing countries. The husk surrounds the paddy grain.

India is a major rice producing country, and the husk generated during milling is mostly used as a fuel in the boilers for processing paddy, producing energy through direct combustion and/or by gasification. About 20 million tones of RHA are produced annually. This RHA is a great environment threat causing damage to the land and the surrounding area in which it is dumped. Lots of ways are being thought of for disposing them by making commercial use of this RHA.

Sodium silicates are used in the composition of acid resisting and refractory cements. Other uses of the silicate are as follows: as a suspension agent in are purification processes, from industrial wastes, for water proofing stone products, as a coating material in the packing materials, such as wooden panels, paper or cardboard boxes, for the insulation of electric copper wires, in the preservation of eggs. As a whole it is a good project for entrepreneurs to invest.

#### COST ESTIMATION

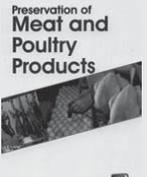
Capacity	
• Sodium Silicate	: 33.3 MT/Day
Plant & Machinery	: Rs 204 Lakhs
Cost of Project	: Rs 563 Lakhs

## BOOKS ON MEAT / FISHERIES



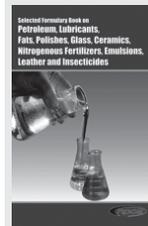
**THE COMPLETE BOOK ON MEAT PROCESSING AND PRESERVATION WITH PACKAGING TECHNOLOGY**  
₹ 1275/-  
US\$ 125

**PRESERVATION OF MEAT AND POULTRY PRODUCTS**  
₹ 1100/-  
US\$ 125



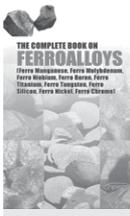
**HANDBOOK OF FISHERIES AND AQUACULTURE TECHNOLOGY**  
₹ 1100/- US\$ 125

## FORMULARY BOOKS



**Selected Formulary Book on Petroleum, Lubricants, Fats, Polishes, Glass, Ceramics, Nitrogenous Fertilizers, Emulsions, Leather and Insecticides**  
₹ 2275/- US\$ 200

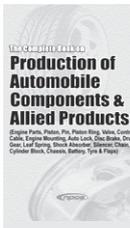
## BOOK ON STEEL/ALUMINIUM



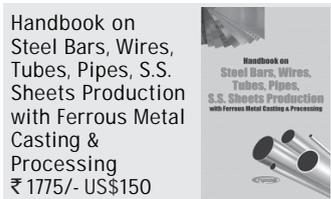
The Complete Book on Ferroalloys (Ferro Manganese, Ferro Molybdenum, Ferro Niobium, Ferro Boron, Ferro Titanium, Ferro Tungsten, Ferro Silicon, Ferro Nickel, Ferro Chrome)  
**₹ 2775/- US\$250**



STEEL AND IRON HANDBOOK  
**₹ 1775/- US\$150**



The Complete Book on Production of Automobile Components & Allied Products (Engine Parts, Piston, Pin, Piston Ring, Valve, Control Cable, Engine Mounting, Auto Lock, Disc Brake, Drum, Gear, Leaf Spring, Shock Absorber, Silencer, Chain, Cylinder Block, Chassis, Battery, Tyre & Flaps)  
**₹ 2275/- US\$200**



Handbook on Steel Bars, Wires, Tubes, Pipes, S.S. Sheets Production with Ferrrous Metal Casting & Processing  
**₹ 1775/- US\$150**



THE COMPLETE BOOK ON FERROUS, NON-FERROUS METALS WITH CASTING AND FORGING TECHNOLOGY  
**₹ 1575/- US\$ 150**



## PROCESS TECHNOLOGY BOOKS

NAME OF BOOKS	₹/US\$
* The Complete Book on Water Soluble Gums and Resins	1675/- 150
* Handbook on Tall Oil Rosin Production, Processing and Utilization	1575/- 150
<b>SYNTHETIC RESINS</b>	
* Modern Technology Of Synthetic Resins & Their Applications	975/- 100
* Synthetic Resins Technology Handbook	1100/- 125
* The Complete Technology Book On Synthetic Resins With Formulae & Processes	1150/- 125
* Alkyd Resins Technology Handbook	1100/- 125
<b>PETROLEUM, GREASES, PETROCHEMICALS, LUBRICANTS</b>	
* Modern Technology Of Petroleum, Greases, Lubricants & Petrochemicals (2nd Revised Edition)	1875/- 150
* The Complete Book On Distillation And Refining Of Petroleum Products (Lubricants, Waxes And Petrochemicals)	975/- 100
<b>WASTE MANAGEMENT, PRODUCTS FROM WASTE, MEDICAL, MUNICIPAL WASTE</b>	
* Products From Waste (Industrial & Agro Waste) 2 <sup>nd</sup> Edition	975/- 100
* Modern Technology Of Waste Management: Pollution Control, Recycling, Treatment & Utilization	975/- 100
* Medical, Municipal And Plastic Waste Management Handbook	1275/- 125
* Water and Air Effluents Treatment Handbook	1275/- 125
* The Complete Guide on Industrial Pollution Control	1275/- 125
* The Complete Book on Managing Food Processing Industry Waste	1275/- 125
* The Complete Book on Biological Waste Treatment and their Utilization	1675/- 150
* Handbook on Medical and Surgical Disposable Products (Blood Bags, Plastic Gloves, I.V. Cannula, Infusion Set, Gowns, Masks, Catheter, Cotton and Bandage, Surgical Wear, Syringes)	1775/- 150
* Disposable Products Manufacturing Handbook (Plastic Cups, Cutlery, Paper Cups, Banana Leaf Plates, Facial Tissues, Wet Wipes, Toilet Paper Roll, Sanitary Napkins, Baby Diapers, Thermo Cool Products, PET Bottles)	1575/- 150
<b>WOOD AND ITS DERIVATIVES</b>	
* The Complete Technology Book On Wood And Its Derivatives	1100/- 125
* Bamboo Plantation and Utilization Handbook	1475/- 150
<b>HERBAL PRODUCTS, AYURVEDIC, HERBAL &amp; UNANI MEDICINES, DRUGS, NEEM, HERBS &amp; MEDICINAL PLANTS CULTIVATION, COSMETICS, NATURAL PRODUCTS, JATROPHA</b>	
* Handbook On Unani Medicines With Formulae, Processes, Uses And Analysis	1100/- 125
* Handbook On Herbal Drugs And Its Plant Sources	1000/- 100
* Herbal Foods And Its Medicinal Values	1275/- 125
* Herbal Cosmetics & Ayurvedic Medicines (Eou) (3rd Rev. Edn.)	1475/- 150
* Handbook On Ayurvedic Medicines With Formulae, rocesses & Their Uses (2 <sup>nd</sup> Rev. Edn.)	1475/- 150
* Herbal Cosmetics Handbook	1500/- 150
* The Complete Technology Book On Herbal Beauty Products With Formulations And Processes	1100/- 125
* Modern Technology Of Cosmetics	1100/- 100
* Handbook Of Herbal Products (Medicines, Cosmetics, Toiletries, Perfumes) 2 Vols.	1500/- 220
* Herbs Cultivation & Medicinal Uses	975/- 100
* Herbs Cultivation & Their Utilization	800/- 100
* Medicinal Plants Cultivation & Their Uses	975/- 100
* Compendium Of Medicinal Plants	875/- 100
* Compendium Of Herbal Plants	975/- 100
* Cultivation And Processing Of Selected Medicinal Plants	1175/- 125
* Aromatic Plants Cultivation, Processing And Uses	975/- 100
* Cultivation And Utilization Of Aromatic Plants	1100/- 125
* The Complete Book On Jatropha (Bio-Diesel) With Ashwagandha, Stevia, Brahmi & Jatamansi Herbs (Cultivation, Processing & Uses)	1500/- 150
* Handbook On Medicinal Herbs With Uses	1075/- 125
* Aloe Vera Handbook Cultivation, Research Findings, Products, Formulations, Extraction & Processing	1275/- 125
* Handbook On Herbs Cultivation & Processing	875/- 100
* The Complete Technology Book On Natural Products (Forest Based)	1275/- 125
* Handbook Of Neem & Allied Products	975/- 100
* Handbook On Herbal Medicines	750/- 100
* Handbook on Cosmetics (Processes, Formulae with Testing Methods)	1675/- 150
* Handbook on Drugs from Natural Sources	1175/- 125
<b>ESSENTIAL OILS, AROMATIC CHEMICALS, PERFUMES, FLAVOURS, FOOD COLOURS</b>	



## SELECTED PROJECTS FOR YOU

Rate of Return : 21%  
 Break Even Point : 69%

### Vodka from Potato

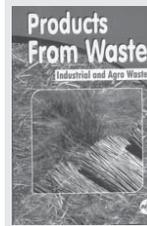
Vodka is a neutral spirit that is without distinctive character, aroma, taste, or color. These properties are developed during the distillation process or by treating crudely distilled spirits with activated carbon or other materials. Finely distilled vodka may also be further purified and refined by treatment with activated carbon and other materials. Vodka is usually not aged and can be made from grains, potatoes, sugars, fruits, and just about anything else that can be fermented to produce alcohol. This makes vodka an economical spirit that can be made easily in a short amount of time from readily available materials.

Alcohol has a depressant effect on the central nervous system and not a stimulating effect as was

formerly supposed. One apparent exhortation is due to its inhibitory action on higher, nervous centres. A strong dose of alcohol introduced into the stomach increases heart beat and causes rise in blood pressure. Hence, the use of brandy as a restorative. Alcohol possesses excellent solvent properties and it is used for the extraction of several drugs and for the manufacture of tinctures and other medicinal preparation. It is also employed for the extraction of essential oil; and for the preparation of perfumes; essences and flavours.

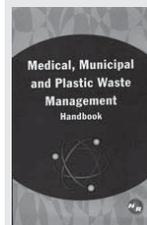
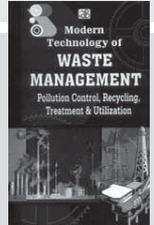
Vodka is produced in India by very few brands; hence this list includes mostly IMFL (Indian Made Foreign Liquor) and imported brands available in the market currently. This list of Top 10 Brands of Vodka in India is compiled on the basis of their prices. The prices may differ from one state to another depending upon the duty structure and the flavour variant. The imported brands, of course, have a higher price tag. As a whole it is a good project for entrepreneurs to

NAME OF BOOKS	₹/US\$
* The Complete Technology Book Of Essential Oils (Aromatic Chemicals) (Reprint 2011)	1275/- 125
* Essential Oil Hand Book	975/- 100
* The Complete Technology Book On Herbal Perfumes & Cosmetics (2 <sup>nd</sup> Rev.Edn.)	1275/- 125
* Modern Technology Of Perfumes, Flavours And Essential Oils 2 <sup>nd</sup> Edn.	975/- 100
* Food Colours, Flavours And Additives Technology Handbook	1000/- 100
* Food Flavours Technology Handbook	1075/- 125
* The Complete Technology Book On Flavours, Fragrances and Perfumes	1675/- 150
* Perfumes and Flavours Technology Handbook	1875/- 150
<b>SOAPS, DETERGENTS, ACID SLURRY, TOILETRIES</b>	
* Modern Technology Of Soaps, Detergents & Toiletries (With Formulae & Project Profiles) (3rd Revised Edn.)	750/- 100
* Herbal Soaps & Detergents Handbook	975/- 100
* Handbook On Soaps, Detergents & Acid Slurry (3rd Rev. Edn.)	1575/- 150
* The Complete Technology Book On Detergents (2nd Revised Edn.)	1100/- 125
* The Complete Technology Book On Soaps	800/- 100
* Soaps, Detergents and Disinfectants Technology Handbook	1275/- 125
<b>GLASS, CERAMICS AND MINERALS</b>	
* The Complete Book On Glass & Ceramics Technology	1275/- 125
* The Complete Book on Glass Technology	1625/- 150
* The Complete Technology Book on Minerals & Mineral Processing	2200/- 200
* Handbook on Rare Earth Metals and Alloys (Properties, Extraction, Preparation and Applications)	1875/- 150
<b>ALUMINIUM, STEEL, FERROUS, NON-FERROUS METALS WITH CASTING AND FORGING</b>	
* The Complete Technology Book On Hot Rolling Of Steel	1575/- 150
* Steel Rolling Technology Handbook	1100/- 125
* The Complete Book On Ferrous, Non-Ferrous Metals With Casting And Forging Technology	1575/- 150
* The Complete Technology Book on Aluminium And Aluminium Products	1450/- 150
* The Complete Technology Book on Steel and Steel Products (Fasteners, Seamless Tubes, Casting, Rolling of flat Products & others)	1625/- 150
* The Complete Book on Ferroalloys (Ferro Manganese, Ferro Molybdenum, Ferro Niobium, Ferro Boron, Ferro Titanium, Ferro Tungsten, Ferro Silicon, Ferro Nickel, Ferro Chrome)	2775/- 250
* Steel and Iron Handbook	1775/- 150
* Handbook on Steel Bars, Wires, Tubes, Pipes, S.S. Sheets Production with Ferrous Metal Casting & Processing	1775/- 150
* The Complete Book on Production of Automobile Components & Allied Products (Engine Parts, Piston, Pin, Piston Ring, Valve, Control Cable, Engine Mounting, Auto Lock, Disc Brake, Drum, Gear, Leaf Spring, Shock Absorber, Silencer, Chain, Cylinder Block, Chassis, Battery, Tyre & Flaps)	2275/- 200
<b>FORMULARY (FORMULATION) BOOKS</b>	
* Selected Formulary Book on Cosmetics, Drugs, Cleaners, Soaps, Detergents, Dentrices and Depilatories	1500/- 150
* Selected Formulary Book on Inks, Paints, Lacquers, Varnishes and Enamels	1475/- 150
* Selected Formulary Handbook	1475/- 150
* Selected Formulary Book on Petroleum, Lubricants, Fats, Polishes, Glass, Ceramics, Nitrogenous Fertilizers, Emulsions, Leather and Insecticides	2275/- 200
<b>CONSTRUCTION MATERIALS, CEMENT, BRICKS, ASBESTOS</b>	
* The Complete Book on Construction Materials	1475/- 150
* The Complete Technology Book on Bricks, Cement and Asbestos	1400/- 150
<b>EMULSIFIERS AND OLEORESINS</b>	
* The Complete Book on Emulsifiers with Uses, Formulae and Processes. 2 <sup>nd</sup> Rev.Edn.	1400/- 150
* Handbook on Oleoresin and Pine Chemicals (Rosin, Terpene, Derivatives, Tall Oil, Resin & Dimer Acids)	2200/- 200
<b>DIRECTORY OF HERBS &amp; HERBAL, WORLD WIDE IMPORTERS REGISTER, INTERNATIONAL BUYERS DIRECTORY</b>	
* World Wide Importers Register (International Buyers Directory) 5th Edn. On CD-Rom	6742/- 250
* Directory Of Foreign & Multinational Corporations/ Companies In India (MNCs)	750/- 100
* Herbs & Herbal Products Finder (Directory Of Herbs, Herbal Medicines, Cosmetics, Herbal Products, Essential Oils, Perfumes, Pan Masala & Tobacco Products)	1600/- 220

**WASTE MANAGEMENT**


**PRODUCTS FROM WASTE INDUSTRIAL & AGRO WASTE**  
₹ 975/-  
US\$ 100

**Modern Technology of WASTE MANAGEMENT**  
POLLUTION CONTROL, RECYCLING, TREATMENT & UTILIZATION  
₹ 975/- - US\$ 100

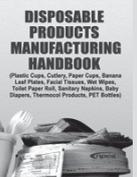


**MEDICAL, MUNICIPAL AND PLASTIC WASTE MANAGEMENT HANDBOOK**  
₹ 1275/-  
US\$ 125

Handbook on Medical and Surgical Disposable Products (Blood Bags, Plastic Gloves, I.V. Cannula, Infusion Set, Gowns, Masks, Catheter, Cotton and Bandage, Surgical Wear, Syringes)  
₹ 1775/- - US\$ 150



**Disposable Products Manufacturing Handbook**  
(Plastic Cups, Cutlery, Paper Cups, Banana Leaf Plates, Facial Tissues, Wet Wipes, Toilet Paper Roll, Sanitary Napkins, Baby Diapers, Thermocol Products, PET Bottles)  
₹ 1575/- - US\$ 150



invest.

**COST ESTIMATION**

Capacity

• Vodka from Potato:	75 Kls/Day
Plant & Machinery :	Rs 2830 Lakhs
Cost of Project:	Rs 5042 Lakhs
Rate of Return:	26%
Break Even Point:	4.2%

## Ethanol from Rice Straw and Rice Husk

Bio energy—energy produced from biomass—offers the opportunity to reduce not only the carbon dioxide emissions but also the dependence of energy imports, and as well as to diversify the energy matrix, reducing the oil dependence.

Second generation bio ethanol is based on raw materials rich in complex carbohydrates like cellulose. This becomes an interesting alternative to reduce

competition with the food industry and to generate an added value to the agro- industrial residues. Ethanol is also called ethyl alcohol, and drinking alcohol. It is the principal type of alcohol found in alcoholic beverages, produced by the fermentation of sugars by yeasts. It is a neurotoxic psychoactive drug and one of the oldest recreational drugs used by humans. It can cause alcohol intoxication when consumed in sufficient quantity. Ethanol is used as a solvent, an antiseptic, a fuel and the active fluid in modern (post-mercury) thermometers. It is a volatile, flammable, colorless liquid with a strong chemical odor. Its structural formula  $CH_3CH_2OH$ , is often abbreviated as  $C_2H_5OH$ ,  $C_2H_6O$ .

India's production of biodiesel from jatropha seeds is commercially negligible and economically unviable. Farmers have not planted jatropha because it is difficult to market, yields are poor, and seed quality is inconsistent. As a result, most of the biodiesel units operating in India have turned to alternative feed

stocks such as edible oil waste (unusable oil fractions), animal fats, and other inedible oils. This hodgepodge of oils accounts for about 28 percent of biodiesel producers' existing capacity and enables them to continue operations throughout the year. Thus, due to demand it is a good project for entrepreneurs to invest.

### COST ESTIMATION

Capacity	
• Ethanol	: 40 KLs/Day
Plant & Machinery	: Rs 1058 Lakhs
Cost of Project	: Rs 2432 Lakhs
Rate of Return	: 26%
Break Even Point	: 47%

## E-Waste Recycling Plant

**E**-waste is a popular, informal name for electronic products nearing the end of their "useful life." Computers, televisions, VCRs, stereos, copiers, and fax machines are common electronic products. Many of these products can be reused, refurbished, or recycled. Unfortunately, electronic discards are one of the fastest growing segments of our nation's waste stream. Electronic wastes, "e-waste", "e-scrap", or "Waste Electrical and Electronic Equipment" ("WEEE") is a description of surplus, obsolete, broken or discarded electrical or electronic devices. Technically, electronic "waste" is the component which is dumped or disposed or discarded rather than recycled, including residue from reuse and recycling operations.

A range of techniques is currently applied for retrieving components and materials from WEEE. The essential features of these systems generally conform to a scheme of: sorting/disassembly; size reduction; separation. The main components of WEEE, in terms of weight, are iron and steel followed by plastics as can be seen, iron and steel are the most common materials found in electrical and electronic equipment and account for almost half of the total weight of WEEE. Plastics are the second largest component by weight representing approximately 21% of WEEE. Non-ferrous metals including precious

metals represent approximately 13% of the total weight of WEEE and glass around 5%.

WEEE has been identified as one of the fastest growing sources of waste in the India, and is estimated to be increasing by 16-28 per cent every five years. Within each sector a complex set of heterogeneous secondary wastes is created. Although treatment requirements are complicated, the sources from any one sector possess many common characteristics. However, there exist huge variations in the nature of electronic wastes between sectors, and treatment regimes appropriate for one cannot be readily transferred to another. Thus, as an entrepreneur, E-Waste recycling offers an exciting opportunity to you.

### COST ESTIMATION

Capacity	
• Monitors	: 10 Nos./Day
• Plastic Granules	: 4,600.00 Kgs/Day
• Copper Wire Scraps	: 20 Kgs/Day
• Glass from CRT	: 260 Kgs/Day
• Other Metals	: 1100 Kgs/Day
Plant & Machinery	: Rs 233 Lakhs
Cost of Project	: Rs 613 Lakhs
Rate of Return	: 8%
Break Even Point	: 59%

## Iron Powder

**I**ron is probably one of the most important, being used on the largest scale of any metal. Its Production in the blast furnace is well documented. When pure, iron is a lustrous white metal which is soft and very workable. However, it is reactive and easily forms a coating of hydrated oxide on its surface in the presence of moist air. This is non-coherent and flakes easily to reveal fresh surfaces for attack. Iron is soluble in dilute acids, where Fe(II) is produced in solution; more oxidising acids produce Fe(III) solutions and strongly oxidising agents (e.g. dichromate or concentrated nitric acid) produce a passive form of the metal, probably as a result of the formation of a coherent surface film of oxide. Iron is also an essential element for all life forms, the average human body containing 4 gm of the element. The majority of iron in the body is present within haemoglobin, the respiratory pigment which provides the mechanism for the transportation of oxygen by red blood cells.

Iron powder can be used in several chemical and metallurgical processes from the production of aluminium foil to magnetic paints. For some applications there is more or less no alternative to iron powder. These applications often have special requirements for specific properties and stringent

*Continue on page 12*

### BOOKS ON ELECTROPLATING, ANODIZING, PHOSPHATING, POWDER COATING



Electroplating, Anodizing & Metal Treatment Hand Book  
₹ 1475/-  
US\$ 150



The Complete Technology Book on ELECTROPLATING, PHOSPHATING, POWDER COATING AND METAL FINISHING  
₹ 1100/- US\$ 125

### BOOK ON CULTIVATION OF HERBS/MEDICINAL AND AROMATIC PLANTS



Cultivation and Processing of Selected Medicinal Plants  
₹ 1175/- US\$ 125



HAND BOOK ON HERBS CULTIVATION AND PROCESSING  
₹ 875/- US\$ 100



Aromatic Plants CULTIVATION, PROCESSING AND USES  
₹ 975/- US\$ 100



Compendium Of Herbal Plants  
₹ 975/- US\$ 100



The Complete Technology Book on Flavours, Fragrances and Perfumes  
₹ 1675/- US\$ 150



Herbs Cultivation & Their Utilization  
₹ 800/- US\$ 100



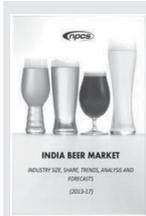
Medicinal Plants Cultivation & Their Uses  
₹ 975/- US\$ 100



CULTIVATION AND UTILIZATION OF AROMATIC PLANTS  
₹ 1100/- US\$ 125

HEARBS CULTIVATION & MEDICINAL USES / ₹ 975/- US\$ 100

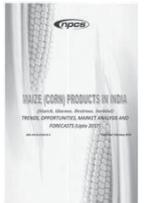
## EMERGING INVESTMENT OPPORTUNITIES STUDIES / REPORTS



### INDIA BEER MARKET-INDUSTRY

Size, Share, Trends, Analysis And Forecasts (2013-17)

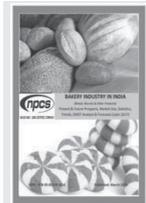
Price : Rs. 56,180.00  
US\$ 1,200.00



### MAIZE (CORN) PRODUCTS IN INDIA

(Starch, Glucose, Dextrose, Sorbitol) Trends, Opportunities, Market analysis And Forecasts (Upto 2017)

Price : Rs. 112,360.00  
US\$ 2,400.00



### BAKERY INDUSTRY IN INDIA

(Bread, Biscuits and Other Products) Present & Future Prospects, Market Size, Statistics, Trends, SWOT Analysis and Forecasts (Upto 2017)

Price : Rs. 44,944.00  
US\$ 980.00

### MARKET RESEARCH REPORT ON MEDICAL DEVICES & SURGICAL DISPOSABLES IN INDIA



(Disposable Plastic Syringes, Blood Bags, X-Ray, Ultrasound, ECG, Pacemakers, IV Fluid Sets and Other Devices) Present & Future Prospects, Market Analysis, Statistics, Trends & Opportunities, Growth Drivers, SWOT Analysis, Industry Size, Outlook and Forecasts Upto 2017

Price : Rs. 84,270.00  
US\$ 1,600.00



### MARKET RESEARCH REPORT ON DETERGENT INDUSTRY IN INDIA

(Market Size, Opportunities, Comparative Financial Analysis, Demand Supply Scenario, Outlook and Forecasts Upto 2017)

Price : Rs. 30,338.00 US\$ 500.00



### EMERGING INVESTMENT OPPORTUNITY IN BURGEONING INDIAN MILK PROCESSING & DAIRY PRODUCTS SECTOR

(Why to Invest, Business Prospects, Core Project Financials, Potential Buyers, Market Size & Industry Analysis)

Price : 28,090.00 US\$ 500.00



### EMERGING OPPORTUNITIES IN BOOMING INDIAN BEER INDUSTRY

(Why to Invest, Core Project Financials, Potential Buyers, Market Size & Analysis)

Price : Rs. 28,090.00 US\$ 500.00



### MARKET RESEARCH REPORT ON FUTURE OF ONLINE RETAILING IN INDIA

(Industry Growth Drivers, Statistics, Trends, Market Size, Analysis & Forecasts upto 2017)

Price : Rs. 30,338.00  
US\$ 500.00



### MARKET RESEARCH REPORT ON COLD CHAIN LOGISTICS IN INDIA

(Cold Storage and Reefers)-Present Scenario, Future Prospects, Market Potential, Opportunities, Growth Drivers, Industry Size, Analysis & Forecasts Upto 2017

PRICE : RS. 33,708.00  
US\$ 600.00



### MARKET RESEARCH REPORT ON MILK PROCESSING & DAIRY PRODUCTS IN INDIA

(Butter, Yogurt, UHT Milk, Cheese, Ice Cream, Ghee & Other Products) Market Prospects, Present Scenario, Growth Drivers, Demand-Supply Statistics, Industry Size, Sector Outlook, Analysis & Forecasts upto 2017

PRICE: RS. 33,708.00  
US\$ 600.00



### INVESTMENT OPPORTUNITIES IN INDIA

Sanitary Napkin Project (Reasons for Investment, Core Project Financials, Potential Buyers, Market Size & Analysis)

Price : Rs. 28,090.00  
US\$ 500.00



### INVESTMENT OPPORTUNITIES FOR SMES IN INDIAN DETERGENT INDUSTRY

(Why to Invest, Core Project Financials, Potential Buyers, Market Size & Analysis)

Price : Rs. 28,090.00  
US\$ 500.00



### EMERGING OPPORTUNITIES IN BOOMING INDIAN MAIZE PROCESSING INDUSTRY

(Maize Processing Industry-Corn Starch, Dextrose, Liquid Glucose, Sorbitol, Gluten Meal, Germ Oil (Why to Invest, Core Project Financials, Potential Buyers, Market Size & Analysis)

Price : Rs. 39,326.00  
US\$ 650.00

demands for consistency. In other applications the high surface area and/or purity of iron powder can more cost-effective solutions compared to alternative methods.

**COST ESTIMATION**

Capacity	: 3000 MT/Annum
Plant & Machinery	: Rs 266 Lakhs
Cost of Project	: Rs 882 Lakhs
Rate of Return	: 26%
Break Even Point	: 43%

**Banana Powder**

**B**anana is the common name for a type of fruit and also the herbaceous plants of the genus *Musa*. Banana is amongst the most versatile and most widely eaten fruits in the world today. Bananas come in a variety of sizes and colors when ripe, including yellow, purple, and red. Bananas can be eaten raw though some varieties are generally cooked first. Banana has various uses that can be turned into many processed products. In addition to banana exporting, processing banana into different products could mean additional income for banana farmers. Banana powder has a great potential for commercialization. It has a high sugar and low starch content and can be used as a substitute for fresh banana in making traditional cakes or their premixes as well as in the processing of banana snacks, crackers or crisps.

The quality of banana powder is determined by the color, flavor, texture and moisture content. These are affected by the varieties of bananas and processing operations specially blanching process. Banana powder, because of its high concentration of banana essence, has been found to be a "major source of carbohydrate and calories". While it is generally low as a source of protein, the beneficial ingredients of the powder are still "markedly superior to that of other fruits". The powder has also been found to be useful as a general treatment for dyspepsia (indigestion). In overall terms, investment in this project can offer market opportunities, both for the domestic as well as for export.

**COST ESTIMATION**

Capacity	
• Banana Powder	: 10 MT/Day
Plant & Machinery	: Rs 348 Lakhs
Cost of Project	: Rs 975 Lakhs
Rate of Return	: 26%
Break Even Point	: 48%

**Freeze Dried Vegetables**

**M**ost foods contain very high percentage of water. Microorganisms thrive when there is water, spoiling the food and altering its taste. Removing water keeps food from spoiling for long periods of time. Also removing water makes the food lighter, making it easy to package and transport. Yet, removing water, must not alter the composition of the food. Its basic structure

and composition of its nutrients must remain intact.

Freeze-drying, technically known as Lyophilization, is a process of sublimation where water molecules in a solid phase are directly converted to vapor phase. Since Lyophilization is the most complex and expensive form of dehydration, its use is usually restricted to delicate and heat-sensitive high value materials. Freeze drying is one such method. The scientific principle in freeze-drying is sublimation, the conversion of a solid (ice) directly into its gaseous form (water vapour). A typical freeze-drying machine consists of three major components - a freeze-drying chamber, a freezing coil connected to a refrigerator compressor, and a vacuum pump.

Since the water and oxygen have been removed from freeze-dried food it does not require refrigeration when stored and is; therefore, considered to be "shelf-stable" or safe to store at room temperature for long periods of time. Freeze-dried foods are very moisture sensitive; therefore, they will rehydrate in a matter of minutes when added to warm/hot water. Many freeze-dried items can be reconstituted with cold water as well, but may take longer to achieve their full moisture level. Unlike dehydrated food, most freeze-dried fruits, vegetables and meat can be eaten raw (without adding any water) and usually have the crispy texture of a chip.

Increased consumer incomes and year-round demand for fresh produce force retailers or their representatives to establish buying points both in different growing areas of the United States and in foreign countries. Some retailers contract year-round with fresh fruit and vegetable packers, who may in turn contract with growers. Contracts and large-volume buying practices enable packers to obtain sufficient quantities of individual products. Any entrepreneur venture into this field will be successful.

**COST ESTIMATION**

Capacity	
• Freeze Dried Vegetables:	2MT/Day
Plant & Machinery	: Rs 242 Lakhs
Cost of Project	: Rs 743 Lakhs
Rate of Return	: 25%
Break Even Point	: 66%

**NANOTECHNOLOGY**



Nanotechnology Handbook  
₹ 1675/-  
US\$ 150



Nanoscience and Nanotechnology Handbook  
₹ 1675/-  
US\$ 150

**INDUSTRIAL ALCOHOL**



Industrial Alcohol Technology Handbook  
₹ 1675/-  
US\$ 150

**PESTICIDES, INSECTICIDES**



Biopesticides Handbook  
₹ 1575/-  
US\$ 150

**VERMICULTURE, VERMICOMPOST, BIO-FERTILIZER, ORGANIC FARMING**

**PAPER, PULP & PAPER CONVERSION**



Integrated Organic Farming Handbook  
₹ 1275/-  
US\$ 125



The Complete Book on Organic Farming and Production of Organic Compost  
₹ 1275/- US\$ 125



Manufacture of Biofertilizer and Organic Farming  
₹ 975/- US\$ 100



Handbook on Pulp and Paper Processing  
₹ 1875/-  
US\$ 150

## Laundry Unit

There is cleaning requirement everywhere. Cleanliness is the source of beauty and also the placement of God. Laundry unit is one of the unit by which dirty clothes are cleaned by operation. In older ages there is a system of washer men who collect the dirty clothes from house to house and return the clothes after cleaning within seven days. But now a day, with the growth of Urbanization, washing of cloths has turned out to be a commercial proposition and led to the establishment of modern dry cleaning units in the cities as well in big towns. The services of these units are very prompt and efficient. The occupation includes all types of cleaning, dyeing, bleaching and dry cleaning. The occupation has changed with the passage of time.

Laundry has long recognized that although community laundry rooms require utilities - water and energy - to operate, installing state of the art equipment and providing state of the art technology will minimize the environmental impact of its laundry rooms. Mechanized Laundry works closely with its manufacturing partners and customers to provide the most technologically advanced and energy friendly equipment available to reduce the impact laundry rooms have on the environment.

Dry Cleaning unit is servicing industry. The process of conventional cleaning, prevailing in nook and corner of cities and towns is slowly refused by people and Dry Cleaning process is preferred instead. Disadvantage in conventional cleaning, like river or well cleaning causes damage to expensive synthetic dress material and furnishings.

The major target market for the Automatic Laundry system depends on the location where laundry unit business is situated. The target customers for proposed business will not only be general public but also the commercial sector i.e. hostels, hotels, catering companies, film industry, train service and hospitals.

Automatic Laundry system may come under the large scale industry to small scale industry unit. Now a day there is a very good export scope of garments. In garment industry there is requirement of automatic laundry system or dry cleaning unit. People of today are very particular about their dress material, furnishing, linen etc, People prefer to wear and use expensive and well cleaned and ironed dress materials. Furnishing, linen etc especially during public appearances. This has opened the scope for laundry and Dry Cleaning units. Any entrepreneur venture into this field will be successful.

### COST ESTIMATION

Capacity	
• Dry Cleaning	: 300.0 Pcs/ day
• Washing & Iron	: 700.0 Pcs/ day
Plant & Machinery	: Rs 48 Lakhs
Cost of Project	: Rs 145 Lakhs
Rate of Return	: 21%
Break Even Point	: 51%
Cost of Project	: 570 Lakhs
Rate of Return	: 26%
Break Even Point	: 72%

## Reclaimed Rubber Sheet from Waste Tyre

Reclaim Rubber is the de-vulcanized (recycled) Rold tyre rubber, the cross linkage between the sulphur & rubber are braked at high temperature & pressure with the help of chemical Di-Xylene Di-Sulphide. This Reclaim Rubber from tyres can be used as a substitute of natural & synthetic rubber. The major source of waste rubber is used automotive tyres. Mainly two processes are involved to utilize these rubber tyres. First is to convert the waste into powder form which is used as filler and second is to devulcanize or reclaim the rubber powder. Reclaim Rubber is primarily used in the manufacture of Cycle tyres, Rickshaw tyres,

### BOOKS ON AGRICULTURE



The Complete Book on Jatropha (Bio-Diesel) with Ashwagandha, Stevia, Brahmi & Jatamansi Herbs  
(Cultivation, Processing & Uses)  
₹ 1500/- US\$ 150



CULTIVATION OF FRUITS VEGETABLES AND FLORICULTURE  
₹ 1100/- US\$ 125



Handbook on Rice Cultivation and Processing  
₹ 1075/- US\$ 125



The Complete Book on Coconut & Coconut Products (Cultivation and Processing)  
₹ 1100/- US\$ 125



Cultivation of Tropical Subtropical Vegetables, Spices, Medicinal and Aromatic Plants  
₹ 1075/- US\$ 125



The Complete Technology Book on Meat, Poultry and Fish Processing  
₹ 1475/- US\$ 150



Tropical, Subtropical Fruits & Flowers Cultivation  
₹ 1075/- US\$ 125



HANDBOOK ON Mushroom Cultivation and Processing (with Dehydration, Preservation and Canning)  
₹ 1275/- US\$ 125



The Complete Book on Beekeeping and Honey Processing  
₹ 1075/- US\$ 125

### SMALL SCALE INDUSTRY (SSI)



MONEY MAKING BUSINESS IDEAS YOU CAN START FROM HOME WITH LOW COSTS  
₹ 750/- US\$ 100



स्मॉल स्केल इण्डस्ट्रीज प्रोजेक्ट्स ( लघु, कुटीर व घरेलू उद्योग परियोजनाएं )  
₹ 875/- US \$ 100-

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact : **NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamlia Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654 Mob.: 9811043595 Fax: 91-11-23841561 E-mail : npcs.india@gmail.com AN ISO 9001:2008 CERTIFIED COMPANY

Battery Boxes, Automobile tyres and other molded rubber goods and further R & D efforts may lead to its use in new areas. The price of Reclaimed rubber is low compared to various types of synthetic or Natural rubber and that makes its more competitive in market. The supply of reclaimed rubber can be increased for many more years as its potential is a large extent is yet unexploited rubber reclaimed use only 20 per cent of rubber scrap.

**COST ESTIMATION**

Capacity	: 9000MT/ Annum
Plant & Machinery	: 1058 Lakhs
Cost of Projects	: 1866 Lakhs
Rate of Return	: 30%
Breakeven Point	: 59%

**Silicone Emulsion**

Silicone emulsions are inert, heat stable, non-toxicity products, which suit many industrial applications where lubrication, gloss, antistatic, protective and release properties are advantageous. Silicones use in the various uses i.e., alloying agent for steels, aluminium, bronze, copper and iron, production of halogenated silicones organo-silicones compounds, silicone carbide spring steels, deoxidizes in steel manufacture, semi-conductor in integrated circuits, and also in other refractories. Properties also favourable to the industrial uses i.e., good appearance, dispersibility, stability, good conductor of electricity, good conductor of heat, point of immersion, temperature range 50 – 250°C, low surface tension and excellent dielectric properties.

The demand and supply gap which is inclusive of requirement for silicone emulsion is indicative of wide uses and demand of silicone emulsion in coming years. Silicone emulsions as mold release agent offer an unique combination of properties, viz. inertness, heat resistance, low surface tension combined with good lubricating power. Silicone emulsion is having immersed market potential in future because of its various useful industrial applications known.

**COST ESTIMATION**

Capacity	: 600MT/ annum
Plant & Machinery	: 23 Lakhs
Cost of Projects	: 157 Lakhs
Rate of Return	: 26%
Breakeven Point	: 64%

**Curcumin from Turmeric**

Curcumin is the main biologically active phytochemical compound of Turmeric. It is extracted, concentrated, standardized and researched. Curcumin, which gives the yellow color to turmeric, was first isolated almost two centuries ago, and its structure as diferuloylmethane was determined in 1910.

More recently, evidence that curcumin may have anti-inflammatory and anticancer activities has renewed scientific interest in its potential to prevent and treat disease. Curcumin is a water-soluble orange-yellow colored powder. Today, India is the primary exporter of turmeric (known as haldi in India). India dominates the global market for spice oleoresin, which is in big demand from processed food and fragrance industries that now mostly prefer natural coloring and flavoring agents to artificial ones as consumers become increasingly health conscious.

**COST ESTIMATION**

Capacity	: 324MT/ Annum
Plant & Machinery	: 131 Lakhs
Cost of Projects	: 333 Lakhs
Rate of Return	: 26%
Breakeven Point	: 60%

**Vitrified Floor Tiles**

Vitrified tile is a tile which has been processed in such a way that it has very low porosity (and water absorption) which make it stain resistant and very strong. Vitrified Tiles have far superior properties compared to marble or natural granite because being a manufactured product; their quality is controlled whereas in naturally occurring marble and granite good quality is just a coincidence. Vitrified tiles possess much better mechanical strength, scratch resistance, resistance to acids, alkalies and chemicals, resistance to staining etc compared to marble or natural granite. Vitrified tiles have the colour right through the tile not just on the surface. They are usually not as brittle as plain ceramic tiles and can withstand heat better.

Vitrified tile is a tile produced using vitrification. By this process the tiles created have very low porosity. Making it stain-resistant and strong. It is an alternative to marble and granite flooring. The main product segments are the Wall tile, Floor tile, Vitrified tile and Porcelain tile segments. The market shares

**BIOTECHNOLOGY**



BIOTECHNOLOGY HANDBOOK  
₹ 1100/-  
US\$ 125



Enzymes Bio-Technology Hand Book  
₹ 1100/-  
US\$ 125



Plant Bio-Technology Hand Book  
₹ 1100/-  
US\$ 125



The Complete Technology Book on VERMICULTURE AND VERMICOMPOST  
₹ 750/- US\$ 100



Hand Book on BIO GAS and Its Applications  
₹ 975/-  
US\$ 100



The complete Technology Book on BIO-FERTILIZER AND ORGANIC FARMING 2nd Edn.  
₹ 1400/- US\$ 150



Handbook on FOOD BIOTECHNOLOGY  
₹ 1100/-  
US\$ 125



Handbook on Plants and Cell Tissue Culture  
₹ 1275/-  
US\$ 125

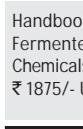


The Complete Book on Biotechnology Based Bulk Drugs  
₹ 1050/- US\$ 125

**BOOKS FOR FOOD INDUSTRY**



The Complete Book on Gums and Stabilizers for Food Industry  
₹ 1275/- US\$ 125



Handbook on Fermented Foods and Chemicals  
₹ 1875/- US\$ 150



**EMULSIFIERS**



The Complete Book on Emulsifiers with Uses, formulae and Processes  
₹ 1400/- US\$ 150

are 35%, 53% and 12% respectively for Wall, Floor & Vitrified/Porcelain tiles. The tiles are available in a wide variety of designs, textures and surface effects.

### COST ESTIMATION

Capacity	: 5000 Sq.Mt./Day
Plant & Machinery	: 4133 Lakhs
Cost of Projects	: 5868 Lakhs
Rate of Return	: 25%
Breakeven Point	: 45%

## Precipitated Calcium Carbonate

**P**recipitated Calcium Carbonate (PCC)—also known as purified, refined or synthetic calcium carbonate. Calcium carbonates, including PCC, are considered to be non-toxic. In the U.S., the Food and Drug Administration has Affirmed calcium carbonate to be GRAS (Generally Recognized As Safe). As long as the PCC meets certain purity requirements, it can be used as a direct food additive, as a pharmaceutical or as an indirect additive in paper products that come in contact with food. Similar acceptances and approvals exist around the world where PCCs are widely used in these applications. Precipitated calcium carbonate is a versatile additive for use in a wide range of plastic and elastomeric applications. Precipitated calcium carbonate (PCC), pre-dispersed in slurry form, is a common filler material for latex gloves with the aim of achieving maximum saving in material and production costs. The approximate demand of this product in India is around 300000 MT per annum.

World demand for precipitated calcium carbonate (PCC) is forecast to grow by an average of 4%/py from

around 13Mt in 2007 to nearly 16Mt by 2012. Growth rates will be highest in the paint (6%/py) and rubber (4%/py) industries though the largest increases in terms of tonnage will be in paper and paint. Much of the increase in demand will take place in Asia, especially in China, with much lower rates of growth forecast for North America and Europe. The largest regional market for PCC is in Asia, followed by North America and Europe.

### COST ESTIMATION

Capacity	: 7500MT/Annum
Plant & Machinery	: 805Lakhs
Cost of Projects	: 1192 Lakhs
Rate of Return	: 23%
Breakeven Point	: 49%

## Mild Steel Welding Electrode

**W**elding is an efficient method of making permanent joints between two or more metal parts. Welding electrodes are used in welding various metals in the fabrication of equipment for chemical & Allied industries, construction of steel structures such as bridges, factory sheds, in the manufacture of ships, Vehicles and engineering equipment. Mild steel is welded by electrodes to a maximum among all the metals & Alloys. Therefore M.S. Welding Electrode is the most widely used core wire. Besides this, special grade electrodes are being developed for specific applications.

For mass welding jobs solid continuous welding wires find increasing application. Welding electrodes are used in joining, surfacing and protective maintenance for varied materials and thus their variety is large while their raw material requirement being very specific. Welding industry is substantially

### AGRO BASED, MILK, FARMING, FRUITS, POTATO, DAIRY, VEGETABLES, SPICES, OILS & FATS, TEA



Handbook on Citrus Fruits Cultivation and Oil Extraction  
₹ 1575/- US\$ 150



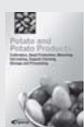
Fruits, Vegetables, Corn and Oilseeds Processing Handbook  
₹ 1675/- US\$ 150



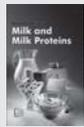
The Complete Book on Cultivation and Manufacture of Tea  
₹ 1475/- US\$ 150



Handbook on Spices and Condiments (Cultivation, Processing and Extraction)  
₹ 1575/- US\$ 150



Potato and Potato Products Cultivation, Seed Production, Manuring, Harvesting, Organic Farming, Storage and Processing  
₹ 1275/- US\$ 125

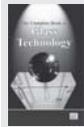


Handbook on Milk and Milk Proteins  
₹ 1275/- US\$ 125

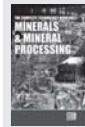


The Complete Book on Sugarcane Processing and By-Products of Molasses (with Analysis of Sugar, Syrup and Molasses)  
₹ 1675/- US\$ 150

### GLASS, CERAMICS, MINERALS, MINERAL PROCESSING & RARE EARTH METALS AND ALLOYS



The Complete Book on Glass Technology  
₹ 1625/- US\$ 150



The Complete Technology Book on Minerals & Mineral Processing  
₹ 2200/- US\$ 200



Handbook on Rare Earth Metals and Alloys (Properties, Extraction, Preparation and Applications)  
₹ 1875/- US\$ 150

### BAMBOO PLANTATION



Bamboo Plantation and Utilization Handbook  
₹ 1475/- US\$ 150

### OLEORESIN AND PINE CHEMICALS (ROSIN, ERPENE DERIVATIVES, TALL OIL, RESIN & DIMER ACIDS)



Handbook on Oleoresin and Pine Chemicals (Rosin, Terpene Derivatives, Tall Oil, Resin & Dimer Acids)  
₹ 2200/- US\$ 200



Handbook on Tall Oil Rosin Production, Processing and Utilization  
₹ 1575/- US\$ 150

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact : **NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kania Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654 Mob.: 9811043595 Fax: 91-11-23841561 E-mail : npcs.india@gmail.com  
AN ISO 9001:2008 CERTIFIED COMPANY

dependent on the automobile, steel and engineering sectors, which were passing through difficult times but picked up substantially since 2002-03.

### COST ESTIMATION

Capacity	: 900MT/Annum
Plant & Machinery	: 47 Lakhs
Cost of Projects	: 135Lakhs
Rate of Return	: 27%
Breakeven Point	: 63%

## HDPE/PP Woven Sacks (Using Circular Looms)

PP/HDPE woven sacks laminated with LDPE/PP liner have wider applications. HDPE woven sacks are much stronger & can withstand much higher impact loads because of HDPE strips elongation at break is about 15-25% as compared to 30% of Jute. These sacks are much cleaner & resist fungal attack. Jute prices are very unstable in the market since Jute is an agriculture product. These sacks have many advantages over other conventional sacks materials & are quite competitive in price.

The major users of HDPE/PP woven sacks are fertilizer, sugar, cattle feed, cement & other chemical Industries. Oil seeds, salt, starch, pesticides, detergents & many other items are also being packed in woven sacks. HDPE/PP oriented strips are becoming increasingly popular in India & have caught the eye of many end users for their requirement of packing materials. Because of such superior properties of plastic woven sacks, it has high demand everywhere.

### COST ESTIMATION

Capacity	: 20000Nos. /Day
Plant & Machinery	: 297 Lakhs
Cost of Projects	: 525 Lakhs
Rate of Return	: 30%
Breakeven Point	: 61%

## Soya Bean Oil, Soya Paneer & Soya Extract

Soya bean is one of the most important agro based product, which has commercial value after the rice, wheat, maize etc. Today, soya bean is an important source of protein and oil in human nutrition, especially in Asia. In other parts of the world, soya based foods are consumed merely due

to its healthy image. Several health benefits have been found in soya proteins i.e., Cardiovascular health, Bone Health, Menopausal symptoms, Cancers, Cognition Glycemic Index, Weight loss/control. Within soya products an increasing consumption around the world is seen in soya products resembling dairy products like for instance milk, yoghurt and ice cream. Soya bean has commercial value in the field of vegetable oil, soya bean protein. Soybean oil is a vegetable oil extracted from the seeds of the soybean (Glycine max). It is one of the most widely consumed cooking oils. Soya milk is high in protein, low in fat and carbohydrate and contains no cholesterol. Soya bean extract can be used large vegetable protein source in the different food ingredients and it can be used for the medicinal preparation for balancing of protein. Increasing price competitiveness, and aggressive cultivation and promotion from the major producing nations have given way to widespread soybean growth-both in terms of production as well as consumption. United States is the major producer of soybean in the World.

### COST ESTIMATION

Capacity	: 29933 MT/Annum
Plant & Machinery	: 462 Lakhs
Cost of Projects	: 887 Lakhs
Rate of Return	: 27%
Breakeven Point	: 51%

## Polyurethane Sheets & Pipes

Polyurethane is a polymer obtained by an exothermal reaction between Isocyanate (MDI diphenylmethane-diisocyanate or TDI toluendiisocyanate) and Polyol (polyether or polyester). One of the most desirable attributes of polyurethanes is their ability to be turned into foam. PU Sheet that is broadly used in gaskets, seals, gears, bearings, bumpers, valve seals, noise damper, slurry transfer and solvent lines. This sheet is manufactured utilizing the polyurethane and other allied materials. The Polyurethane Sheets is in various thickness and lengths as per the specific needs.

*Continue on page 18*

### BOOKS ON ESSENTIAL OILS & PERFUMES

	Essential Oils Handbook ₹ 975/- US\$ 100		MODERN TECHNOLOGY OF PERFUMES, FLAVOURS & ESSENTIAL OILS (2nd Edition) ₹ 1100/- US\$ 125
	The Complete Technology Book of Essential Oils (Aromatic Chemicals) ₹ 1275/- US\$ 125		The Complete Technology Book of Herbal Perfumes & Cosmetics (2nd Revised Edn.) ₹ 1275/- US\$ 125
	Perfumes and Flavours Technology Handbook ₹ 1875/- US\$ 150		<b>POLYMERS</b> The Complete Book on Water Soluble Polymers ₹ 1575/- US\$ 150

### TEXTILE SPINNING, WEAVING, TEXTILE AUXILIARIES, DYES & PIGMENTS, NATURAL DYES & PIGMENTS, NATURAL FIBERS & WOOLLEN

	Handbook on Natural Dyes for Industrial Applications ₹ 1100/- US\$ 125		Woollen Spinning, Weaving, Knitting, Dyeing, Bleaching and Printing Technology Handbook ₹ 1100/- US\$ 125
	Handbook on Textile Auxiliaries, Dyes and Dye Intermediates Technology ₹ 1575/- US\$ 150		A Concise Guide on Textile Dyes, Pigments and Dye Intermediates with Textile Printing Technology ₹ 1675/- US\$ 150
	The Complete Book on Textile Processing and Silk Reeling Technology ₹ 1750/- US\$ 150		<b>RUBBER CHEMICALS</b> The Complete Book on Rubber Chemicals ₹ 1575/- US\$ 150

**BOOKS ON PULP, PAPER CONVERSION, PRINTING AND PACKAGING**



**Hand book on PRINTING TECHNOLOGY (Offset Gravure Flexo Screen)**

The developments in science and technology have revolutionized the printing industry in the progressive countries of the world. There has been a considerable compact of this progress in the Indian Printing Industries. **₹1275 US\$125**



**Modern Technology of Pulp, Paper And Paper Conversion Industries**

The paper conversion sectors are assuming increasingly important place in the life of every nation. Conversion technology is being evolved continuously for having better conversion, handling, transportation, preservation and usage of materials. Paper and pulp industry plays a vital role towards conversion. In view of the close linkage between paper and conversion industry we have tried to come out with this unique book containing relevant and useful information in both these industries. We have tried to make it most exhaustive first giving details, then presenting and dividing in different chapter to understand better. Thus we have tried to fill the vacuum that existed till now. **₹1000 US\$100**



**HANDBOOK ON Modern PACKAGING INDUSTRIES**

The book has been written for the benefit of entrepreneurs who can not invest large amounts and case has been taken to present the matter in a very simple and comprehensive language so that person without much technical background can grasp the subject easily. **₹1675 US\$150**



**The Complete Book on Printing Technology**

This is the age of hi-fi, jets and computers. Rapid advancements in science and technology have made their impact on the printing industry of the world too. The old techniques of printing have become obsolete and made way for the new technology. The book contains the latest printing processes like web, gravure, flexo, security and offset printing. **₹1100 US\$125**



**The Complete Technology Book on Pulp & Paper Industries**

The pulp and paper industry continues to expand at a phenomenal rate. This imposes a difficult problem of selection. Since the amount of material that can be included in a single volume is obviously limited. Careful thought has been given to the selection with the purpose of presenting that material which will be of the greatest interest to the greatest numbers. **₹1100 US\$125**



**Screen Printing Technology Hand Book**

This method of Printing has achieved wide spread popularity since the second world war, although the basic ideas in this process were used by the Chinese centuries ago. The present book contains latest technologies of screen printing along with machinery photographs, addresses of suppliers of machinery and raw materials. **₹1000 US\$100**

**BOOKS ON TEXTILE PROCESSING, SPINNING, WEAVING, DYES, PIGMENTS, DYE INTERMEDIATES AND STARCH**



**The Complete Technology Book on Textile Spinning, Weaving, Finishing & Printing**

The Book is based on the latest technology involved in textile industry. It contains processes of textile spinning, weaving, finishing and printing. **₹1100 US\$125**



**The Complete Technology Book on Textile Processing with Effluent Treatment**

The book covers complete details of textile processing with the standard parameters of effluents treatment which is the burning problem for the textile processors. **₹1000 US\$100**



**Modern Technology of TEXTILE DYES & PIGMENTS**

This is one of the best books on Textile Dyes and Pigments covering Formulae, Manufacturing Processes of Various Textile Dyes and Pigments. This book will be very helpful to new entrepreneurs, researchers, general information seekers and libraries or those who wants to diversify in this field. **₹1100 US\$100**



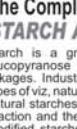
**Natural Fibres Handbook with Cultivation & Uses**

The present book is the first of its kind which contains process and other parameters for the manufacturing of fibres arrives from natural sources. Due to eco-friendly nature there is very good domestic and export potentiality of natural fibre. **₹1275 US\$125**



**HANDBOOK ON NATURAL DYES FOR INDUSTRIAL APPLICATIONS**

This is a single book which has information related to extraction of dyestuffs from 19 common flowers, weeds, bark or leaves and its application on cotton silk and wool fabrics for textile industry. The book describes the step wise methodology of extraction, mordanting and dyeing with photos of the actual plants part used for extraction of Natural dye. Shade cards have been incorporated so that the full gamut of colors can be visualized from each dyestuff. The Author Dr Padma S Vankar, works as Principal Research Scientist, in Facility for Ecological and Analytical Testing (FEAT) at Indian Institute of Technology, Kanpur. She has been engaged in the screening and characterization of newer natural dyes for the past 10 years. She also works in the area of designing synthetic strategies for Ecofriendly dyes using microwave heating system. Using innovative technology for natural dyeing has been her main emphasis. The author has conducted several workshops throughout India in order to popularize natural dyeing. **₹1100 US\$125**



**The Complete Technology Book On STARCH AND ITS DERIVATIVES**

Starch is a group of polysaccharides, composed of glucopyranose units joined together by glycosidic linkages. Industrially, starch is broadly divided in to two types of viz. natural and modified. The characteristics of the natural starches are changed by chemical are enzymatic reaction and the products of these reactions are termed modified starches. Starch can be obtained from maize, sorghum, roots and tubers such as tapioca, arrow root, potatoes etc. **₹1100 US\$125**



**The Complete Technology Book on Dyes & Dye Intermediates**

Due to increasing growth of Textile industries, demand of Dyes and Dye Intermediates are also increasing very fast in domestic as well as in global market. The book stress on syntheses of different types of Dyes and Dye Intermediates. The formulae have been described in very proper way. **₹1100 US\$125**



**The Complete Book On Natural Dyes and Pigments**

Due to pollution problems in synthetic dyes and pigments industry, the whole world is shifting towards the manufacturing of natural dyes and pigments. The present book contains techniques of producing different natural dyes and pigments, which has huge demand in domestic as well as in foreign market. **₹1100 US\$125**

**BOOKS ON SOAPS, DETERGENTS AND COSMETICS**

**Modern Technology of Soaps, Detergents & Toiletries**



(With Formulae & Project Profiles) 3rd Edn. The book contains the formulae of different types of soaps, detergents (cake, powder and liquid) toiletries, analytical testing method, quality control of finished products, packing criteria of cosmetics and toiletries alongwith project profiles and addresses of raw material, plant and machinery suppliers. **₹750 US\$100**



**The Complete Technology Book on DETERGENTS**

The Indian detergent industry is about three decades old. An interesting and unique feature of detergent industry in India is the existence of non-power operated units which do not use any electrical power for the production of detergent powder. This text emphasizes practical aspects of detergent production with latest development and other special products based on synthetic surfactants. This book is an attempt to fill the need of those desirous of starting detergent industries in small scale sector. **₹1100 US\$125**



**Soaps, Detergent and Disinfectants Technology Handbook**

It has been said that soap and detergent consumed in a country is a reliable measure of its civilization. There was a time when these products were luxury, now it is a necessity. The present book contains formulae, processes of different types of soap, detergents and disinfectants. These products have good demand in domestic as well as in international market. So there is very good scope for new entrepreneurs to venture into this field. This book is very useful for entrepreneurs, technocrats and for those who to diversify to this field. **₹1275 US\$125**

**Hand Book on SOAPS, DETERGENTS & ACID SLURRY**



3rd Revised Edn. The Soap and Detergent industry is profoundly lucrative with splendid market potential as well as bright future scope. In order to meet the requirement of market demand, many more new units are recommended to be established on small and cottage scale. The present book has been written keeping in view the basic difficulties of the entrepreneurs. Nominal investment is required for this industry which comprises simple methods of processing for manufacturing of various types of soaps, detergents and acid slurry. **₹1575 US\$150**



**The Complete Technology Book on Soaps**

Being consumable in daily life soap industry is profoundly lucrative with splendid market potential. This industry has very good future prospects. Many more new units are recommended to meet the requirement of Indians demand. The book covers formulae, processes of different type of washing and toilet soaps. **₹800 US\$100**



**Modern Technology of COSMETICS**

The manufacture of Cosmetics is by no means new methods adopted were used several decades ago. The attempt made in this book is to improve the older methods and provide the latest formulae and techniques to manufacture the different cosmetics like Hair Preparations, Face Powders, Toilet Powders, Cosmetics for the Skin, Creams, Lotions for various uses, Lipsticks, Shampoos, Dandruff Tonics, Nail Polish etc. **₹1100 US\$125**

**BOOKS ON WOOD, LEATHER, GLASS & CERAMICS**

**The Complete Technology Book on Wood and Its Derivatives**



The developments in wood industry in the country are mainly attributed to the pioneering work carried in the field of wooden products. There are lot of chemicals and other products extracted from wood. This book contains processes of various wooden products and its derivatives. **₹1100 US\$125**



**LEATHER PROCESSING AND TANNING TECHNOLOGY HANDBOOK**

The profitability of leather processing is dependent on a good product and requires the consistent implementation of well under stood process. This book covers latest techniques of leather processing and tanning, so that the industries involved in this process and new entrants can grow up with new technology. Leather tanning as an industry has been subjected to evolutionary forces as technology makes use of new materials, technique and concepts. **₹1400 US\$150**



**The Complete Book on Glass And Ceramics Technology**

The technology of glass and ceramics are nowadays wide field involving a great variety of raw materials, manufacturing processes, as well as products, and of considerable diversity in theoretical background. The manufacture of traditional glasses and ceramics is based on the utilization of the most widely occurring natural raw materials. The efforts has been made to provide maximum and latest information about processing of glass and ceramics and their products in this book. **₹1275 US\$125**

Polyurethane tubing and urethane tubing are some of the toughest and most flexible tubing materials available. They are abrasion and tear resistant. Polyurethane tubing and urethane tubing are the perfect material choices for pick-and-place applications. The industry has expanded along with expansion of diverse application areas such as packaging, extrusions, blow mouldings and industrial mouldings for automobiles, telecommunications, white goods.

**COST ESTIMATION**

- Capacity : 1440 MT/Annum
- Plant & Machinery : 78 Lakhs
- Cost of Projects : 496 Lakhs
- Rate of Return : 25%
- Breakeven Point : 58%

**Maize/ Corn Starch, Sorbitol & Dextrose**

Maize is one of the best cereals after paddy and wheat. It is largely cultivated in the north and west India. Lot of commercial as well as industrial products are manufactured which are used as the preparation of food base products or directly used for the preparation of food, in the paper industry and many other chemical industries. There is series of steps require for the conversion of maize to starch and other bye products. There are basic commercial product maize hull, maize oil, zein (maize protein), maize starches are obtain directly from maize.

Starch is a group of polysaccharides, composed of glucopyranose units joined together by-glycosidic linkages. Starch can be obtained from maize, Physical and chemical properties of starch vary according to the raw material from which it is derived.

Sorbitol is low caloric refined sugar alcohol, which is produced from dextrose. Sorbitol is a hexitol, C<sub>6</sub>H<sub>14</sub>O<sub>6</sub>, found in nature as the sweet constituent of many berries and fruits best known from Sorbus aucuparia Starch is not a uniform commodity, however. It is a heterogeneous commodity used in the manufacture of myriad food and non-food products. Market demand for starch is strongly and positively correlated with average per capita income.

**COST ESTIMATION**

- Capacity : 34400 MT/Annum
- Plant & Machinery : 1495 Lakhs
- Cost of Projects : 3651Lakhs
- Rate of Return : 22%
- Breakeven Point : 48%

**High Temperature Thinner**

Thinners, as the name implies, are added to varnish and lacquers to thin them out usually to brushing consistency. Thinner is a hydrocarbon (naphtha) or oleo resinous solvent (turpentine) used to reduce the viscosity of paints to appropriate working consistency. Thinner is the solvent and used with all types of lacquer, including nitrocellulose, CAB-acrylic and catalyzed. It's the most interesting of the finish solvents because it's composed of half-a-dozen or so individual solvents. Manufacturers vary these to control solvent strength and evaporation rate.

All commonly available lacquer thinners sold for thinning lacquer will adequately dissolve the lacquer. But less expensive lacquer thinners sold for clean up don't dissolve lacquer adequately.

**COST ESTIMATION**

- Capacity : 160 Drums/Day  
(Each Drum = 25kgs)
- Plant & Machinery : 41 Lakhs
- Cost of Projects : 342 Lakhs
- Rate of Return : 36%
- Breakeven Point : 70 %

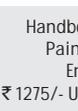
**Wood Plastic Composite**

Wood plastic composite is good to solve the problem arises in the environment. There is scope of use agricultural waste product. In this case we will use waste polypropylene or polyethylene, or it may be used virgin polypropylene or polyethylene, waste wood. Rice husk, plastic additives like (DOP, DBP etc). There are different percentages of raw material used for the production of pallets decking, outdoor furniture like park bench, windows and door shutter frames etc. This product is manufactured by using automatic imported machineries or by using indigenous machines. Automatic machines are given the good finished product with quality. There is very negligible amount of environmental pollution available, which can be controlled by easy means. Most of the raw materials are available in our country easily. There is also availability of plant and machineries indigenously or by importing one.

Wood plastic composites are an important and growing segment of the forest products industry. This industry segment has grown in double digit

*Continue on page 32*

**PAINTS, VARNISHES, LACQUERS & ENAMELS, SURFACE COATING, TESTING METHODS**

 <p>Surface Coating Technology Handbook ₹ 1475/- US\$ 125</p>	 <p>Spirit Varnishes Technology Handbook (with Testing and Analysis) ₹ 1275/- US\$ 125</p>
 <p>Handbook on Paints and Enamels ₹ 1275/- US\$ 125</p>	 <p>The Testing Manual of Paints, Varnishes and Resins ₹ 1875/- US\$ 150</p>
 <p>Handbook on Paint Testing Methods ₹ 1575/- US\$ 150</p>	

**HERBAL PRODUCTS, AYURVEDIC, DRUGS, COSMETICS, NATURAL PRODUCTS**

 <p>Handbook on Cosmetics (Processes, Formulae with Testing Methods) ₹ 1675/- US\$ 150</p>	 <p>Handbook on Drugs from Natural Sources ₹ 1175/- US\$ 125</p>
---	---

**GUMS, ADHESIVES & SEALANTS, ROSIN & DERIVATIVES, RESINS AND OLEORESINS**

 <p>The Complete Technology Book on Industrial Adhesives ₹ 1675/- US\$ 150</p>	 <p>The Complete Book on Water Soluble Gums and Resins ₹ 1675/- US\$ 150</p>
---	---

## BOOKS ON CONSTRUCTION MATERIAL



### The Complete Book on **Construction Materials**

The book provide wide coverage of building materials such as stone, bricks, lime, mortars, concrete, asbestos, gray iron, cast iron, steel castings, aluminium, wood, architectural paints and so many others with their applications in building construction. The book is very useful for all professionals related to construction field, technocrats, students and libraries. ₹1475/-, US\$ 150



### The Complete Technology Book on **Bricks, Cement and Asbestos**

Bricks, cement and asbestos have major role in building and road construction. The present book contains processes of different types of bricks making, cement manufacturing and production of asbestos. The book is very useful for new entrepreneurs, existing units, professionals, institutions related to building construction, research scholars etc. ₹1400/-, US\$ 150

## FORMULARY BOOKS



### **SELECTED FORMULARY HANDBOOK**

A man entering an industry soon finds that most of the products manufactured by his company are not synthetic or definite chemical compounds, but are mixtures, blends or highly complex compounds of which he knows little or nothing. The literature in this field, if any, may be meager, scattered or antiquated. The purpose of publishing this book is to provide proper formulations of most consumable products. The book is very useful for chemists, new entrepreneurs, existing units, technocrats and engineering students. ₹1475/- US \$ 150



### Selected Formulary Books on Inks, **Paints, Lacquers, Varnishes and Enamels**

A man entering an industry soon finds that most of the products manufactured by his company are not synthetic or definite chemical compounds, but are mixtures, blends or highly complex compounds of which he knows little or nothing. The literature in these fields, it may be meager, scattered or antiquated. The purpose of publishing this book is to provide proper formulations of most consumable products like Inks, Paints, Lacquers, Varnishes and Enamels. The book is very useful for chemists, new entrepreneurs, existing units, technocrats and engineering students. ₹1475/- US \$ 150



### Selected Formulary Books on Cosmetics, Drugs, **Cleaners, Soaps, Detergents Dentirices and Depilatories**

A man entering an industry soon finds that most of the products manufactured by his company are not synthetic or definite chemical compounds, but are mixtures, blends or highly complex compounds of which he knows little or nothing. The literature in these fields, it any, may be meager, scattered or antiquated. The purpose of publishing this book is to provide proper formulations of most consumable products like Inks, Paints, Lacquers, Varnishes and Enamels. The book is very useful for chemists, new entrepreneurs, existing units, technocrats and engineering students. Rs. 1500/- US \$ 150

## BOOKS ON INKS, GUMS & ADHESIVES, PAINTS, SURFACE COATING

### Modern Technology of **Printing & Writing Inks**

The Printing and Writing Ink Industries have grown significantly during the last decade. Particularly printing ink industry is characterised by exceeding high margin profit. Having in view we have published this book which will be mile stone for the entrepreneurs, existing units, libraries etc. The book contains formulae, processes and other related information of various printing and writing inks. ₹750/- US \$ 100



### Modern Technology of **PAINTS VARNISHES & LACQUERS** 2nd Edn.

Surface coating industry is one of the most popular industries. Paints, Varnishes and lacquers industry is gaining ground at a rapid pace in modern time accompanied with closed advance in surface coating technology. The book deals with fundamentals of paints, varnishes and lacquers, oils used in paints and varnishes, solvents, driers, pigments, plasticizers, additives for surface coating, various types of paint manufacturing etc. ₹1075/- US \$ 125

### The Complete Technology Book on **Printing Inks**

The beginning of ink making are something of a mystery. It is certain however, that the development of the art of writing proceeded the invention of ink by almost a thousand years. Prior to the invention of ink the ancients wrote with a pointed metal stylus on tablets of stone and clay. In this book an attempt has been made to bring together the useful manner as possible the fundamental Principles of ink making. The book contains formulae, processes and other relevant information of the manufacturing of different types of printing inks. ₹1000/- US \$ 100



### **Gums, Adhesives & Sealants Technology With Formulae & Their Applications** 2nd Rev. Edn.

Gums, Adhesives and Sealants are occupying by and large, a conspicuous plateau in the modern industrial world by virtue of their versatility in diverse fields of applications. This potentially useful book furnishes technical aspects of various types of gums, adhesives and sealants which are so useful to a new entrepreneurs or established one. The book delineates in detail formulae, processes of various gums, adhesives and sealants along with addresses of machinery and raw material suppliers. ₹1475/- US \$ 150

### Modern Technology of **SURFACE COATING With Formulae & Their Applications**

The development of science and technology revolutionized the surface coating industry in the progressive countries of the world. There has been considerable impact in this field. We have completely replaced costly petroleum solvent with water. So we get cheaper finished products with no evaporation loss and tire hazard. So we can say surface coating industry is now eco-friendly. ₹975/- US \$ 100



### **ADHESIVES FORMULARY HANDBOOK**

Adhesives have so importance and are extensively attached to our infrastructure that we cannot isolate in from our daily needs. From school going children to housewives to jet manufactures to Atomic Explosion, every where adhesives plays a very important role. ₹1275/- US \$ 125

### **Handbook on Speciality Gums, Adhesives, Oils, Rosin & Derivatives, Resins, Oleoresins, Katha, Chemicals with other Natural Products**



The forest in India yields a large number of products, which play an important role in the economy of the country. This book contains processes of forest based products like Gums, Resins, Oleoresins, Essential Oils and other natural products obtained from Indian forests. It gives an insight of richness and vastness of the forestwealth. ₹1275/- US \$ 125

### **Paints, Pigments, Varnishes And Enamels Technology Handbook**



Painting is older than writing. It began twenty thousand years ago when the Stone Age man drew pictures with earth colours on the walls of caves in northern Spain and southern France. Now a days paints play a critical role in preventing corrosion and enhancing aesthetic values in various segments such as architectural household applications, automobiles, industrial equipments, ships, aircrafts etc. The present book covers the various formulae and processes of paints, pigments, varnishes and enamels. ₹1100/- US \$ 125

# MARKET SURVEY CUM Detailed Techno Economic Feasibility Reports



## EACH DETAILED PROJECT REPORT CONTAINS

**BEGINNING** : Project Introduction, Brief History of the Product, Properties, BIS (Bureau of Indian Standard) Specifications & Requirements, Uses & Applications

**MARKET SURVEY** : Present Market Position, Expected Future Demand, Statistics of Imports & Exports, Export Prospect, Names and Addresses of Existing Units (Present Manufactures).

**PLANT & MACHINERY** : List of Plant & Machineries, Miscellaneous Items and Accessories, Instruments, Laboratory Equipment's and Accessories, Plant Location, Electrification, Electric Load and Water, Maintenance, Suppliers/Manufacturers of Plant and Machineries.

**RAW MATERIAL** : List of Raw Materials, Properties of Raw Materials, Availability of Raw Materials, Required Quality of Raw Materials, Cost/Rates of Raw Materials.

**MANUFACTURING TECHNIQUES** : Formulae Detailed Process of Manufacture, Flow Sheet Diagram.

**PERSONNEL REQUIREMENTS** : Requirement of Staff & Labour, Personnel Management, Skilled & Unskilled Labour.

**LAND & BUILDING** : Requirement of Land Area, Rates of the Land, Built up Area, Construction Schedule, Plant Layout.

**FINANCIAL ASPECTS** : Cost of Raw Materials, Cost of Land & Building, Cost of Plant & Machineries, Fixed Capital Investment, Working Capital, Project Cost, Capital Formation, Cost of Production, Profitability Analysis, Break Even Point, Cash Flow Statement for 5 to 10 Years, Depreciation Chart, Conclusion, Projected Balance Sheet, Land Man Ratio

- Prepared by highly qualified and experienced consultants and Market Research and Analyst Supported by a panel of experts and computerised data bank.
- Data provided are reliable and upto date collected from suppliers/manufacturers, plant already commissioned in India.
- NPCS Reports are very economical and immediately available on demand where as commissioned Feasibility Studies are time consuming and costly.

### FOR ASSESSING MARKET POTENTIAL, INVESTMENT DECISION MAKING CORPORATE DIVERSIFICATION PLANNING ETC.

**NPCS Engineers and Consultants have prepared "Market Survey Cum Detailed Techno Economic Feasibility Report" on the following products which are most viable and profitable.**

#### ABRASIVE, ASBESTOS, CEMENT, REFRACTORY PRODUCTS

- A.A.C. (Autoclaved Aerated Concrete) Blocks Fly Ash Based
- Abrasive & Flint Paper
- Abrasive (Carborandom) Cloth (Emery Cloth)
- Abrasive and Flint Paper
- Abrasive Cake (Cement Based)
- Abrasive Cake for Floor Polishing
- Abrasive Cake for Granite & Marble Polishing
- Abrasive Emery
- Abrasive Emery Cloth Paper
- Abrasive Grinding Wheel
- Abrasive Sand Paper
- Admixture for Concrete
- Aggregate Business
- Artificial Granite Tiles
- Artificial Sand from Stones & Waste Metals
- Asbestos Cement Corrugated Sheet
- Automatic Brick Plant
- Bentonite
- Bonded Abrasives
- Bricks from Fly Ash
- Bricks from Fly Ash (Triboelectric Beneficiation Process)
- Bricks from Fume Dust (Used in Construction)
- Bricks from Stone Dust
- Cement (Clinker)
- Cement from Fly Ash & Lime
- Cement from Lime Stone
- Cement from Rice Husk
- Cement Grinding Unit
- Cement Paint
- Cement Plant (Large, Medium & Small Scale Unit)
- Cement Roofing Tiles
- Cement Tiles (Laying Over RCC

- Roof)
- Ceramic Wall & Floor Tiles (Glazed Wall and Floor Tiles)
- Clay and Sand Bricks Plant (Light Wt.)
- CLC Block with Steam Curing Method
- Clinker Grinding For Cement
- Computerized Hot Mix Concrete
- Concrete Block and Ready Mix Concrete
- Emery Stone for Atta Chakki
- Emery Stone for Floor Polishing
- Ferro Cement Plant
- Fire Bricks
- Fly Ash Bricks Made from Lime Stone
- Foundry Sand (Non Ferrous Metal)
- Glass Marbles
- Granite & Marble Chips
- Granite & Marble Polishing Stone
- Granite (Marble) Polishing Batti
- Granite (Marble) Polishing Unit
- Granite Block Cutting
- Granite Monuments
- Granite Tiles and Slab
- Graphite Carbon Plate
- Graphite Crucibles
- Graphite Electrode for Arc Furnace
- Grinding Wheel Making Plant
- Gypsum Based Products (Gypsum Powder, Gypsum Board & PVC Laminated Gypsum Ceiling Tiles (Integrated Production Unit)
- Gypsum Plaster Board
- Hollow Blocks & Paving Tiles
- Hollow Concrete Block
- Lime Bonded Fly Ash Bricks
- Magnesite Bond Polishing Brick, Magnesite Resin Bond Polishing Brick for Granite

- Marble from Marble Mining
- Marble-Granite Cutting & Polishing Unit
- Mini Cement Plant
- Mini Cement Plant (Slag Cement)
- PCC/RCC Pipes
- Plaster of Paris (P.O.P.)
- Plaster of Paris Bandages
- Plaster of Paris Board from Process of HAcid Gypsum
- Portland Cement
- Precast Concrete Compound Wall
- Prestressed Concrete Sleepers
- Process Food & Spices
- Ramming Mass and Fire Bricks from Magnesite
- Resin Bond Polishing Brick & Resin Bond Final Polishing for Marble & Granite
- Rock Sand
- Salt Glazed Stone Ware Pipes & Fittings
- Sand Lime Bricks Manufacture
- Semi Automatic Brick Plant
- Solvent Cement
- Spun Concrete Pipe Utilization in Dist. of Electrical Line
- Stone Crushers
- Vitrified Tiles
- White Cement
- **ADHESIVES, INDUSTRIAL ADHESIVE, SEALANTS, GLUES, GUMS, BINDERS**
- Acrylic Adhesive
- Adhesive (Fevicol Type)
- Adhesive (Starch & Polyvinyl Acetate Based)
- Adhesive Based on Polyurethane
- Adhesive Based on Vinyl Acetate (Fevicol Type)
- Adhesive Content PVC Resin & DOP Paste Grade

- Adhesive for All Purpose
- Adhesive for Corrugation (Dry Powder)
- Adhesive for Stickers
- Adhesive from Sodium Silicate
- Adhesive Industries (Laminated, Fevicol, Sticker and other Types)
- Adhesive Tape for Hospital Use
- Adhesives (Neoprene Based Rubber Adhesive for Footwear, Polyurethane Based dhesive for Foot Wear, Epoxy Two Part (Resin & Hardener)
- Adhesive-Vinyl Acetate
- BOPP Pressure Sensitive Selfhesive Tapes
- Bottle Labeling Gum
- Corrugated Cartoon Boxes Gum from Tamarind Seed Kernel (Powder Form)
- Corrugation & Pasting Adhesive (Dry Powder/Liquids)
- Electrical Insulating Tape Using BOPP Film
- Ester Gum
- Glue from Bone Sinews
- Glue from Leather Waste
- Guar Gum
- Guar Gum Powder
- Gum (Liquid) Office Paste
- Gum Arabic (Spray Drying Process)
- Gum from Tamarind Seed Powder
- Gums & Adhesive
- Hologram Sticker - 3D
- Hot Melt Adhesives
- Hot Melt Glue
- Hot Melt Glue Stick
- Lamination Cum Bottle Labeling Adhesive & Wood Adhesive Starch Based (Tapioca Or Maize)
- Latex Based Adhesive
- Leather Binder (Resin Based)

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact : **NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamlia Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654 Mob.: 9811043595 Fax: 91-11-23841561 E-mail : npc.s.india@gmail.com AN ISO 9001:2008 CERTIFIED COMPANY

## SELECTED PROJECTS FOR RIGHT INVESTMENT

- Neoprene Based Adhesive (Rubber Adhesive)
  - Office Gum
  - Paper Tape
  - Plaster of Paris Bandages & Cotton Adhesive Tape
  - Polymer Modified Cementitious Tiles Adhesive (Both White Cement Based and Ordinary Portland Cement)
  - Pressure Sensitive Adhesive for BOPP Tapes
  - Pressure Sensitive Adhesive for BOPP Tapes Acrylic Based
  - Pressure Sensitive Adhesive Tape Binder
  - PVA Adhesive (Fevicol Type)
  - PVC Electrical Insulating Tape
  - Rosin Sizing Agent for Paper Plant
  - Rubber Based Adhesives
  - Rubber Solution
  - Starch from Maize
  - Starch from Tapioca
  - Surgical Adhesive Tape on Cloth Surface
  - Synthetic Gum used in Textile Industry
  - Synthetic Rubber Adhesive
  - Synthetic Rubber Adhesive Like Fevicol SR
  - Tapioca Starch Adhesive in Powder Form
  - Textile Printing Binder
  - Textile Printing Paste (Gum)
- BIO-TECHNOLOGY, INDUSTRIAL BIOTECHNOLOGY, ENZYMES PAPAN, PHYTASE, LIPASE, ENZYME, FOOD BIOTECHNOLOGY, INDUSTRIAL ENZYMES, VERMICULTURE, VERMICOMPOST, BIOFERTILIZER, ORGANIC FARMING, BIOGAS, BIO CHEMICALS**
- Absolute Alcohol (Ethanol)
  - Absolute Alcohol from Molasses
  - Acetic Acid from Molasses
  - Acetic Acid from Natural Gas
  - Alcohol from Potatoes
  - Amylase
  - Aqua Culture Shrimp Farming
  - Aquaculture Fish
  - Aquaculture Prawn Farming
  - Baker's Yeast
  - Baker's Yeast (Yeast from Molasses)
  - Bio Fertilizer
  - Bio Fertilizer from Cotton Seed Cake
  - Bio Gas Production (Manual)
  - Bio-Diesel from Cooking Oil
  - Bio-Fertilizer (Organic Fertilizers) from Garbage
  - Bio-Fertilizer (Organic Manure)
  - Bio-Fertilizer from Birds Excreta
  - Biofertilizer from Herbal Waste
  - Bio-Fertilizers from Cow dung & other Wastes
  - Biomass Briquettes from Bio Waste
  - Biopesticide - Trichoderma, Pseudomonas, Fluorescens & Beauveria Bassiana
  - Bio-Stimulant and Fertilizer Supplement
  - Citric Acid from Molasses
  - Compressed Bio Gas
  - Compressed Yeast from Molasses
  - Cut Flower Rose [Floriculture]
  - Dehydration and Pickling of Oyster Paddy Straw Mushroom
  - Enzymes
  - Enzymes (in Powder Form) used for Denim Cloth and Garment Washing
  - Ephedrine Hydrochloride
  - Ethanol as Bio-Fuels
  - Ethanol from Rice/Rice Straw/ Rice Husk / Rice Bran
  - Ethyl Alcohol from Molasses
  - Extraction of Pectin from Citrus
  - Floriculture
  - Floriculture with Green House (Cut Flower Rose)
  - Grain Based Distillery
  - Herbal Extracts
  - Hybrid Seed Production
  - Hybrid Seeds
  - Industrial Enzymes
  - Insecticides from Neem Seeds Neemoil & Leaves
  - Liquid Bio Fertilizer from Agro & Municipal Waste
  - Methylated Spirit from Sugar Cane Molasses
  - Micro Propagation Growth of Tissue Culture
  - Mini Fertilizer Plant (Urea)
  - Municipal Garbage Treatment
  - Mushroom Cultivation
  - Mushroom Cultivation & Processing
  - Mushroom Cultivation & Processing with Air Conditioning
  - Mushroom Processing and Canning
  - Organic Farming & Contract Farming
  - Organic Fertilizer
  - Organic Foods
  - Organic Manure from Municipal Solid Wastes
  - Organic Yeast from Organic Molasses
  - Papain Manufacturing
  - Prawn Fish Farming
  - Pectin from Citrus, Lemon & Oranges
  - Tissue Culture Lab for Production of Potato Seeds
  - Tissue Cultures (100% EOU)
  - Vermi - Compost
  - Vermicompost from Solvent Extracted Spice Waste
  - Vermiculture
  - Vermiculture Chemical Industries
  - Yeast
  - Yeast from Molasses (Distillery Yeast)
- CHEMICAL (ORGANIC, INORGANIC, INDUSTRIAL) INDUSTRIES**
- 16 DPA (16-Dehydro Pregneolone Acetate)
  - 1-Acetonaphthone
  - 2-4, Dichloro-Phenoxy Acetic Acid
  - 2-Chloroethyl Phosphate Acid 39% Emulsifying Concentrate
  - 4,4, Diamino Stilbene 2-2-Dis-Sulphonic Acid
  - 7-Aminocephalosporanic Acid (7-ACA)
  - Absolute Alcohol
  - Absolute Alcohol (Ethanol)
  - Acetic Acid
  - Acetic Acid (Glacial)
  - Acetic Acid from Molasses
  - Acetic Acid from Natural Gas
  - Acetic Anhydride
  - Acetonaphthone
  - Acetone
  - Acetylene Gas
  - Acetylene Gas & Oxygen Gas
  - Acid Proof/Spirit Proof Caramel
  - Acid Slurry (By Manual Process)
  - Acid Slurry (L.A.B.)
  - Acid Washed Granulated Activated Carbon
  - Acrylic Acid and Its Derivatives
  - Acrylic Acid from Propylene
  - Acrylic Resin (Emulsion Type)
  - Activated Alumina
  - Activated Bleaching Fuller Earth
  - Activated Carbon & Sodium Silicate from Rice/Paddy Husk
  - Activated Carbon from Bamboo
  - Activated Carbon from Cashewnut Shell
  - Activated Carbon from Coconut Shell & Bamboo
  - Activated Carbon from Coconut Shell By Steam Activation Process
  - Activated Carbon from Coconut Shell in Continuous Rotary Kiln
  - Activated Carbon from Fuller Earth Slum
  - Activated Carbon from Rice Husk
  - Activated Carbon from Rice Husk, Coconut Shell, Coconut Powder & Coconut Water
  - Activated Carbon from Saw Dust
  - Activated Carbon from Saw Dust & Coconut Shell
  - Activated Carbon from Saw Dust, Rice Husk and Coconut Shells
  - Activated Carbon from Wood
  - Activated Carbon from Wood, Rice Husk & Saw Dust
  - Activated Carbon Powder & Granulated
  - Activated Charcoal
  - Activated Charcoal from Wood
  - Aerosol Silicon Spray
  - Agar Agar (Bacteriological Grade)
  - Air Fresheners (Odonil Type)
  - Alcohol Base Fuel Gel
  - Alcohol from Potato
  - Alcohol from Rice (Grains)
  - Alcohol from Rice Straw
  - Alcohol Industries Base on Tapioca Starch
  - Alkyd Resin
  - Alkyd Resin (Soyabean Oil And Linseed Oil)
  - Alkyd Resin from Cotton Seed Oil
  - Alum
  - Alum (Ferric & Non Ferric)
  - Alum (Non-Ferric)
  - Alum for Paper Industries
  - Aluminium Fluoride
  - Aluminium Hydroxide (I.P.)
  - Aluminium Hydroxide Gel
  - Aluminium Silicate
  - Aluminium Slug (used for Collapsible Tube Containers)
  - Amino Acid
  - Amino Acid Metal Chelates (for Agriculture use) (Zinc, Ferrous, Copper, Manganese, Magnesium, Calcium)
  - Ammonia Gas
  - Ammonia Gas Bottling Plant
  - Ammonium Chloride
  - Ammonium Nitrate
  - Ammonium Nitrate from Fertilizer
  - Ammonium Sulphate
  - Amyl Acetate
  - Anhydrous Ferric Chloride
  - Anilin Oil By Hydrogenation from Benzene
  - Anti Scaling / Descaling Chemicals
  - Antimony
  - Antimony Potassium Tartrate
  - Antimony Trioxide
  - Ascorbic Acid (Vitamin C) from Lemon
  - Assaying Gold
  - Bacteriological Grade Agar
  - Barium Carbonate
  - Barium Compounds
  - Barium Nitrate
  - Basic Chromium Sulphate
  - Basic Chromium Sulphate from Waste Sulfur Dioxide
  - Beneficiation of Manganese Ore
  - Benzoic Acid
  - Benzoyl Peroxide (in Crystal Form)
  - Benzoyl Peroxide (in Powder Form)
  - Benzyl Acetate, Benzyl Alcohol, Benzyl Benzoate
  - Benzyl Alcohol
  - Benzyl Benzoate
  - Benzyl Chloride
  - Bio Gas Production
  - Bituminous Felts for Water Proofing & Damp Proofing
  - Bleaching Powder
  - B-Naphthol from Naphthalene
  - Bobin Serum Albumin
  - Boric Acid
  - Briquetting of Lignite
  - Buffing & Polishing Compound
  - Cable Jelly Compound
  - Cable Jelly Filled Compound
  - CacO3 Filled Master Batches
  - Caffeine from Tea Waste
  - Calcined Lime
  - Calcining of Magnesite & Dead Burnt Manganese Oxide
  - Calcite Alumina Powder
  - Calcium Carbide
  - Calcium Carbonate (Pre Activated)
  - Calcium Carbonate (Precipitated & Activated)
  - Calcium Carbonate By Using Sea Shell
  - Calcium Carbonate from Lime Stone
  - Calcium Carbonate from Marble Chips
  - Calcium Carbonate Precipitated
  - Calcium Chloride
  - Calcium Gluconate
  - Calcium Hypochloride
  - Calcium Nitrate
  - Calcium Oxide (Lime Stone Powder)
  - Calcium Palmitate (Used as Cattle Feed)
  - Calcium Propionate
  - Calcium Salt for Higher Fatty Acid using Cotton Seed Oil
  - Calcium Sennosides and Its Products from Senna
  - Calcium Silicate
  - Camphor Powder
  - Camphor Sheet from Camphor Powder
  - Camphor Tablet
  - Camphor Tablet (Synthetic)
  - Cancer Hospital
  - Carbon Black from Dry Cell Batteries
  - Carbon Black from Fertilizer's Waste
  - Carbon Black from Natural Gas
  - Carbon Dioxide (CO2)
  - Carbon Dioxide from Boiler Exhaust Gases
  - Carbon Powder
  - Carbon Tetra Chloride
  - Carboxy Methyl Cellulose
  - Casein from Milk
  - Cationic Softener
  - Caustic Flakes from Sea Water
  - Caustic Soda
  - Caustic Soda (Sodium Hydroxide) Naoh
  - Caustic Soda Lye
  - Caustic Soda with EDC, HCL and Chlorine
  - Caustic Soda with Rutile
  - Cellulose Acetate
  - Cellulose from Starch and CMC (Carboxy Methyl Cellulose and Poly Ionic Cellulose (Drilling Grade)
  - Cellulose Powder & Microcrystalline Cellulose Powder
  - Cellulose Powder from Cotton Linter (Waste of Cotton)
  - Cement Water Proofing Compound
  - Charcoal from Bagasse
  - Charcoal from Coconut Shell
  - Charcoal Powder from Rice Husk
  - Chelated Zinc (Zn-EDTA)
  - Chelated Zinc Powder (Zn-EDTA)
  - China Clay Washing/Purification
  - Chlorinated Paraffin Wax (CPW)
  - Chloroform (CHCl3)
  - Choline Chloride

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :  
**NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamlia Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654  
 AN ISO 9001:2008 CERTIFIED COMPANY Mob.: 9811043595 Fax: 91-11-23841561 E-mail: npcs.india@gmail.com

## SELECTED PROJECTS FOR RIGHT INVESTMENT

- Chromic Acid
- Citric Acid from Lemon
- Citric Acid from Molasses
- CNSL Based Resin in Powder & Liquid Form
- Coal char from Activated Carbon
- Cobalt Octoate
- Construction Chemicals
- Coolant Engine
- Copper Sulphate
- Copper Sulphate from Copper Ash
- Copper Sulphate from Metallic Scrap Copper
- Corrosion Controlling Chemicals (Pipe Lines)
- D.O.P. (Dioctyle Phthalate)
- Defoaming Agent for Paper Industries
- Dehydrated Lime
- Derivative of Geraniol & other Alcohols Extract B-Pinene Derivative Based on Pinene
- Dextrin from Starch
- Dhoop (Loban) Benzoin
- Di Aryl Di Sulphide (Dads)
- Di Calcium Phosphate from Rock Phosphate (Haifa Process)
- Di-Butyl Phthalate (DBP)
- Dicalcium Phosphate Dentifrice Grade
- Di-Calcium Phosphate from Rock Phosphate
- Diethyle Phthalate (D.E.P.)
- Dimethyl Sulphate
- Dodecyl Benzene Sulphonate
- DOP & other Plasticizers
- Dough Moulding Compound (DMC)
- D-Phenyl Glycine
- Dry Ice By Breaking of Air
- Dye Fixing Agent (By Cold Process)
- EDTA and its Salt
- Emulsifiers for Cutting Oil
- Endosulphan
- Ephedrine Hydrochloride
- Erythrosine
- Etching Process
- Ethanol as Bio-Fuel
- Ethanol from Molasses with Spent Wash Treatment
- Ethyl Acetate
- Ethyl Alcohol from Molasses
- Ethyl Ortho Phthalate
- Ethyl Vanillin
- Ethylene Diamine
- Ethylene Glycol Mono-Stearate, Ethylene Glycol Di-Stearate
- Ethylene Oxide
- Ethylene Oxide By Ethylene Oxidation
- Extra Neutral Alcohol
- Extraction of Chemicals from D.M.O.
- Extraction of Gold, Silver & Copper from the Alloy by Chemical Process
- Extraction of Lead from Lead Waste
- Extraction of Silver from Hypo Solution (Chemical Process)
- Extraction of Ultra Pure Silicon from Rice Husk
- Fatty Acid
- Fatty Acid Based on Sunflower Acid Oil
- Ferric Alum
- Ferric Alum for Water Treatment
- Ferric Chloride (Anhydrous)
- Ferric Chloride Solution
- Ferric Oxide
- Ferric Sulphate
- Ferric Sulphate (Powder)
- Ferro Alloy
- Ferro Alloys Ferro Silicon, Ferro Manganese and Silico Manganese
- Ferro Manganese (By Alumina Thermic Process)
- Ferro Silicon
- Ferrous Silicate
- Ferrous Sulphate
- Fire Works
- Flooring Oxides
- Fluorine Chemical (Hydro Fluoric Acid)
- Foaming Agent
- Formaldehyde formic Acid
- Formulation of Super Plasticizer
- Fortified Rosin (Used in Paper Industry)
- Fuller Earth
- Furfural Alcohol from Furfural (Hydrogenation)
- Furfural from Corn Cobs, Rice Husk, Sugarcane Bagasse
- Furfural from Rice Husk/Hull
- G. Acid
- Gasket Shellac Compound
- Gelatin (Edible, Pharmaceutical & Photography Grade)
- Gelatin from Bones
- Geraniol Derivatives & Alcohol Extract of Pinene
- Glacial Acetic Acid
- Glacial Acetic Acid from Methyl Alcohol
- Gluten
- Glycerine
- Glycerol Monooleate (GMO)
- Glycerol Monostearate
- Gold Potassium Cyanide
- Gold Salt
- Gossypol
- Ground Calcium Carbonate
- Guar Hydroxy Propyl Triammonium Chloride
- Heat & UV Stabilizers for PVC & other Engineering Plastics
- Heat and Water Proof Compound for Construction
- Hexachloro-Ethane
- Hexachloro-Ethane from Ethylene Dichloride
- Hexamine from Formaldehyde
- High Carbon Ferro Manganese
- High Concentrated Formalin
- High Quality Activated Carbon
- Highly Purified HCL By Using HCL as Raw Material
- Humic Acid from Lignite Coal
- Hydrated Lime
- Hydrated Lime from Sea Shell
- Hydrazine Hydrate
- Hydrochloric Acid
- Hydrogen Per Oxide (50% Conc)
- Hydrogen Peroxide (Antraquinone Autoxidation Process)
- Hydrogen Peroxide (90% or 50%)
- Hydrogen Peroxide (By Auto Oxidation Process)
- Hydrogen Peroxide By Ethyl Anthraquinone Catalytic
- Hydrogen Peroxide Using CNG Gas
- Hydroxide (Naoh)-Caustic Soda
- Hydroxy Amine Sulphate
- Industrial Gases
- Industrial Salt
- Insoluble Sulphur
- International Standard Laboratories
- Iron Oxide for Making Ferrites
- ISO Propane (Isopropyl Alcohol)
- Isolation of Citral & Ionones from Lemon Grass Oil
- Isophthalic Acid
- Isophthalic Acid Resin
- L A B (Linear Alkyl Benzene)
- Laboratory Chemicals
- L-Ascorbic Acid (Vitamin C)
- Lead Oxide (Mono-Oxide, Red Lead Tetra Nickel)
- Lead Oxide (Monoxide, Red & Grey)
- Lead Recovery from Scrap Battery
- Lead Stearate
- Leather Auxiliaries
- Leather Chemicals (Hydrated Lime, Chromium Sulphate, Borax)
- Lecithin (Soya Based)
- Lecithin from Sunflower Oil
- Light Magnesium Oxide
- Lime Stone Powder
- Liquid Oxygen Bottling Plant
- Liquid Sodium Silicate from Caustic Soda & Sand
- L-Lysine from Microbial Fermentation
- Low Carbon Ferro Manganese
- Low Carbon Ferro Manganese and Ferro Chrome (Through Alumina Thermic Process)
- Magnesite from Magnesite Ore
- Magnesium from Sea Water
- Magnesium Hydroxide
- Magnesium Hydroxide Powder
- Magnesium Oxide (Especially Light Grade) from Dolomite
- Magnesium Oxide with More Than 90% Mgo
- Magnesium Powder (Light)
- Magnesium Sulfate as Fertilizer Grade
- Magnesium Sulphate
- Maleic Anhydride
- Manganese Oxide (Ferrite Grade)
- Manganese Sulfate from Ferromanganese Content 30% MnO3
- Manganese Sulphate
- Manganous Oxide (Mno) Through Calcination of Manganese Oxide Ore in Rotary Kiln
- M-Dinitrobenzene
- Medium Grade Ferro Manganese
- Melamine
- Melamine Formaldehyde Powder
- Meta-Dinitro Benzaldehyde
- Metal Naphthenates
- Metal Paste
- Metal-Pre-Treatment Chemicals
- Metanilic Acid
- Methyl Acrylate
- Methyl Ethyl Ketone Oxime
- Methyl Ethyl Ketone Peroxide
- Methyl Methacrylate
- Methyl Methacrylate (Monomer) from Acrylic Scraps
- Methyl Salicylate
- Metrodinazole
- Micro Nutrients Mixture Solid
- Microcrystalline Cellulose Powder
- Mixed Fertilizer (Chemical Based)
- Mixed Fertilizer (Organic Waste)
- Mono Ethylene Glycol
- Mono Sodium Glutamate
- Mosquito Coil
- Multi Grade Lime
- N-Acetyl Glucosamin Through Chitin Biotechnically
- Naphtha Based Solvent
- Naphthalene Balls
- Naphthalene from Coal tar & Petroleum Waste
- Naphthole Astr
- Natural Glycerin
- N-Butyl Acetate
- Neutralization of Chemical Phosphogypsum
- Nickel Catalyst for Hydrogenation of Vegetable Oil
- Nicotine from Tobacco Waste
- Nitric Acid (60%) from Ammonia
- Nitro Cellulose
- Nitrous Oxide
- Non-Ferric Alum
- Non-Formaldehyde Fixing Agent
- Non-Formaldehyde Fixing Agent (Natural)
- N-Paraffin
- NPK Complex Fertilizer Plant
- Optical Brightener
- Ortho-Toluene Solvent
- Ossein from Bones
- Oxalic Acid from Molasses
- Oxalic Acid from Rice Husk
- Oxalic Acid from Saw Dust
- Oxalic Acid from Vegetable Waste
- Oxygen and Nitrogen Gas Plant
- Oxygen Gas Collection and Bottling Plant
- Oxygen Gas Plant
- Oxygen Gas Plant (Air Separation Method)
- Oxygen Liquid Plant
- P. Toluene Sulphonic Acid
- P.V.C. Stabilizer (Lead Stearate & Calcium Stearate)
- Paint Driers
- Para Aminophenol
- Para Toluene Sulphonic Acid
- Pectin from Citrus, Lemon & Oranges
- Pectin from Citrus, Lemon, Orange Peels & Apple Pomace
- Pectin from Orange Lime Peels
- Pectin from Raw Papaya
- Pentaerythritol
- Phenyl
- Phenyl (Black and White)
- Phenyl (Pine Oil Disinfectant)
- Phenyl Brown & White
- Phosphoric Acid (Purification) from Crude
- Phosphoric Acid from Rock Phosphate (Used of Waste Spent Acid 25% of Vinyl Sulphan onents H2sO4 + Hcl)
- Photo-Emulsion for Rotary Screen Printing
- Phthalic Anhydride
- Phthalocyanine Blue & Green
- Plaster of Paris
- Poly Acetal Unit
- Poly Acrylic Acid
- Poly Aluminium Chloride (PAC. from AlCl3)
- Poly Aluminium Chloride from Aluminium Hydroxide
- Poly Aluminium Sulphate from Aluminium Sulphate
- Poly Carbonate (Dry Process)
- Poly Vinyl Alcohol
- Polyester Resin
- Polyethylene Wax
- Polyphenoles/Antioxidants from Tea Extracts/ Tea Concentrates
- Polyvinyl Acetate
- Polyvinyl Alcohol
- Potassium Chloride
- Potassium Cyanide (Silver & Gold)
- Potassium Dichromate/ Bichromate
- Potassium Iodate
- Potassium Iodide
- Potassium Nitrate
- Potassium Nitrate from Potassium Chloride
- Potassium Permanganate (KmnO4) in Solution form
- Potassium Silicate
- Potassium Silicate for Welding Rod
- Potassium Silicate Using Autoclave
- Potassium Sulphate
- Precipitated Calcium Carbonate
- Precipitated Silica
- Precipitated Silica from Rice Husk Ash
- Precipitated Silicate (Liquid Sodium Silicate)
- Pure Silica Metal with Silica (99.99%)
- Quinine Sulphate From Cinchona Bark
- Reclamation of Nickel from Spent Catalyst of Vanaspati Industry
- Reclamation of used Bleaching Earth
- Recovery of Silver from Waste Fixer Bleach Obtained from Photo Colour Lab By Sulphide Process
- Recovery of Zinc Metal from Zinc

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :  
**NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamla Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654  
 AN ISO 9001:2008 CERTIFIED COMPANY Mob.: 9811043595 Fax: 91-11-23841561 E-mail : npcs.india@gmail.com

## SELECTED PROJECTS FOR RIGHT INVESTMENT

- Ash
  - Red Oxide from Waste Ferrous Sulfate of H-Acid
  - Red Oxide Paint Brushing, Finishing and Semi Glass
  - Reduction of Manganese Dioxide To Manganese Oxide 42% Process By Rotary Kiln
  - Refrigerant Alfa – R- 134
  - Ringer's Lactate Solution
  - Roofing Compound & Water Proofing Compound
  - Silica Jel
  - Silica Sand
  - Silica Sand Beneficiation
  - Silico Manganese
  - Silicon Sealant
  - Silicone
  - Silicone Carbide
  - Silicone Emulsion
  - Silicone from Rice Husk
  - Silver Extraction from Waste Fibre Bleach and from Photo Film
  - Silver Extraction from Waste Hypo Solution (Chem. Process)
  - Silver Extraction from Waste Hypo Solution (X-Ray/Cinema Film)
  - Silver Nitrate
  - Single Super Phosphate
  - Single Super Phosphate (S.S.P.) & Sulphuric Acid
  - Single Super Phosphate & Mix NPK Fertilizers (SSP & NPK)
  - Single Super Phosphate (Powder)
  - Soda Ash
  - Sodium Aluminates
  - Sodium Aluminium Sulphate
  - Sodium Benzoate
  - Sodium Bicarbonate from Soda Ash
  - Sodium Carboxy Methyl Cellulose
  - Sodium Chloride (NaClO<sub>2</sub>) Direct Electrolysis Process from Sodium Chloride to Sodium Chlorite
  - Sodium Chromate
  - Sodium Hexa Meta Phosphate
  - Sodium Hydro sulphite
  - Sodium Hydroxide
  - Sodium Hypo Chlorite from Waste Chlorine Gas
  - Sodium Hypochloride (Bleaching Powder)
  - Sodium Meta Bisulphite
  - Sodium Meta-Silicate
  - Sodium Nitrate
  - Sodium Nitrate & Sodium Nitrate from Nitric acid Vapour of Oxalic Acid
  - Sodium Petroleum Sulphonate
  - Sodium Silicate
  - Sodium Silicate from Rice Husk
  - Sodium Silicate from Rice/Paddy Husk
  - Sodium Silicate from Silica and Soda Ash
  - Sodium Silicate Using Wet Process and Caustic Soda
  - Sodium Sulphate (Anhydrous)
  - Sodium Sulphate Plant
  - Sodium Sulphide from Barium Compound
  - Sodium Sulphide from Sulfur and Caustic Soda
  - Sodium Sulphite
  - Sodium Tripoly Phosphate
  - Softener (Cationic, Anionic & Nonionic)
  - Solder Fluxes
  - Solid Carbon Dioxide (Dry Ice)
  - Solid Fuel Cake
  - Solvent & Thinners
  - Solvent Extraction & Refining Plant
  - Solvent Extraction and Refining of Soyabean Oil
  - Sorbitan Monooleate
  - Stearic Acid
  - Strontium Carbonate
  - Sulphur Milling Plant
  - Sulphur Powder
  - Sulphuric Acid
  - Sulphuric Acid 98%, Oleum 65%, Chlorosulphonic Acid 98% (from Sulphur), & Thionielchloride (SocL<sub>2</sub> from Sulphur & Chlorine Gas)
  - Super Phosphate & Mixed Fertilizer (NPK)
  - Super Plasticizer (Liquid Form)
  - Surgical Methylated Spirit
  - Synthetic Iron Oxide (Yellow)
  - Synthetic Ruby Sapphire
  - Synthetic Tallow
  - Synthetic Tannin Powder for Leather Industry
  - Tannic Acid
  - Tannin (Edible) from Arecanut
  - Tartaric Acid from Maleic Anhydride
  - Tartaric Acid from Tamarind
  - Tartaric Acid, Food Colour, Crude Pectin, Tamarind Oil
  - Textile Printing Binder
  - Thio Urea
  - Thio Urea (Using Carbon Disulphide)
  - Titanium Dioxide
  - Tri Basic Lead Sulphate
  - Trisodium Phosphate
  - Ultra Marine Blue (5 Mt/Day)
  - Urea Formaldehyde Resin
  - Water Proofing Compound (Liquid & Powder)
  - Water Treatment Chemicals
  - X-Ray Photography Developers & Fixer
  - Yeast from Molasses
  - Yellow Dextrin
  - Zeolite - A
  - Zeolite 4a (Detergent Grade)
  - Zinc & Copper Sulphate from Brass Ash
  - Zinc Brightener
  - Zinc Chloride
  - Zinc Oxide (Chemical Process)
  - Zinc Oxide from Zinc Dross
  - Zinc Phosphate
  - Zinc Phosphate By Cold Process
  - Zinc Stearate
  - Zinc Sulfate 21% Agricultural Grade from Waste Ash
  - Zinc Sulphate
  - Zinc Sulphate (33%, 12%, 21%)
  - Zinc Sulphate Micro Nutrients or Fertilizer
  - Zinc Sulphate Micro-Nutrient Mixture
  - Zinc-Metal from Zinc Ash
  - Zircon
- COCONUT AND COCONUT PRODUCTS**
- Activated Carbon from Coco nut Shell
  - Coconut based Hair Oil
  - Coconut Fiber Unit
  - Coconut Oil
  - Coconut Plantation
  - Coconut Processing Unit
  - Coconut Shell Powder
  - Coconut Squash Jam & Cream
  - Coconut Water
  - Coir Handicraft
  - Coir Industries
  - Coir Pith Products
  - Desiccated Coconut Powder
  - Integrated Coconut Processing
  - Rubberised Coir
- COMPUTER PRODUCTS AND INFORMATION TECHNOLOGY (IT) BASED**
- Business Process Outsourcing (BPO)
  - Call Centre (Domestic)
  - Call Centre (International)
  - Compact Disc
  - Compact Disc Player
  - Computer Assembling Unit
  - Computer Assembly (Hardware)
  - Computer Education Institute
  - Computer Farms & Security
  - Printing Press
  - Computer Floppy Disk Storage Box
  - Computer Forms (Stationery)
  - Computer Key Boards
  - Computer Monitor (Monochrome Monitor)
  - Computer Ribbon (for Printer)
  - Computer Ribbon Refilling/ Reinking
  - Computer Software (EOU)
  - Computer Training Institute
  - Cyber Park
  - Cybercafe-Internet Browsing
  - E-Commerce
  - Floppy Disks
  - Information Technology (I.T.) Training Centre
  - Internet Service Provider
  - IT Park
  - Laptop Computers
  - Medical Transcription Centre
  - Online Shopping Mall
  - Plastic Floppy Storage Box
  - Portal
- COSMETICS, PERFUMERY COMPOUNDS, FLAVOURS & ESSENTIAL OILS, PERFUMES & FRAGRANCES, ESSENCES, TOILETRIES, HAIR CARE, PERSONAL CARE, SKIN CARE, BEAUTY PRODUCTS**
- Aerosol Silicon Spray
  - Aerosol Spray (Rose Flavour, Night Queen, Jasmin)
  - After Shave Lotion
  - Agar Agar (Bacteriological Grade)
  - Agar Oil from Black Agar Wood
  - Agarbatti (Sticks)
  - Agarbatti Synthetic Perfumery Compound
  - Air Freshener & Purifiers
  - Air Fresheners (Odonil Type)
  - Amia Hair Oil Based on Vegetable Oil
  - Aromatic Herbal Shampoo
  - Aromatic Perfumery Compounds
  - Artemisia Vulgaris Oil
  - Bath Soap (Pears Type)
  - Bathing Soap
  - Bindi
  - Bindiya (Shilpa Type)
  - Car Shampoo
  - Cardamom Oil
  - Citronella Oil Extraction (Steam Distillation)
  - Cosmetic Industry
  - Cylindrical Agarbatti Sticks
  - Detol Type Antiseptic Lotion
  - Dhooop Batti Sticks
  - Essences for Biscuit, Confectionery Items (Non-Essential Flavour)
  - Essential Oil Form Lily, Mogra, Nishigandha
  - Essential Oil from Flowers
  - Essential Oils from Jawa Citronella Oil
  - Eucalyptus Oil
  - Extraction of Essential Oil & Packaging
  - Extraction of Menthol Oil
  - Extraction of Oil (Jeera, Ajowan, Ginger, Cardamom Oil)
  - Formulation of Flavours
  - Fractional Distillation of Essential Oil and Medicinal Plant
  - Fractional Distillation Unit for Lemongrass, Palmrosa and Citronella
  - Garlic and Ginger Oil
  - Ginger Oil (Super Critical Co<sub>2</sub> Process)
  - Hair Dye (Godrej Type)
  - Hair Dye Powder
  - Hair Dyes (Henna Based)
  - Hair Oil
  - Hair Shampoo
  - Henna Paste (Self Life 6 Month)
  - Herbal Cosmetic
  - Herbal Hair Oil (Banphool Type)
  - Herbal Natural Essential Oil
  - Herbal Natural Essential Oil (Steam Distillation Process)
  - Lemon Grass Oil
  - Light and Fragrant Hair Oil with Coconut Oil and Mineral Oil
  - Lily Essence
  - Menthol Crystal Bold from Menthol Oil
  - Menthol Crystals
  - Menthol Crystals & Menthol Oil
  - Menthol Oil, Citronella Oil & Clove Oil
  - Nail Polish
  - Non Formal Dye Fixing Oil
  - Non-Alcoholic Flavours
  - Oleo-Ricin & Capsaicin Product Extraction Plant
  - Oleoresin & Essential Oil
  - Palmrosa Grass Oil
  - Pan Flavouring (Kashmiri Sugandh)
  - Peppermint Oil
  - Perfumery Chemicals Synthetic and Natural
  - Perfumery Compound (Fragrance Oil)
  - Perfumes
  - Rajnigandha and Rose Plantation with Extraction of Oils
  - Red (Lal) Tooth Powder
  - Rose Oil (Essential Oil from Flowers)
  - Rose Oil Extraction
  - Rose Plantation & Rose Oil xtraction (Rose Essential Oil)
  - Sandal Wood Oils & Powder
  - Scent & Perfumes
  - Shampoo & Creams
  - Shampoo & Creams (Cold Cream, All Purpose Cream & Vanishing Cream) Shaving Cream
  - Shaving Cream & Shaving Soap
  - Sindur, Roli, Bindi & Gulal
  - Spice Oil or Oleoresins (Extraction of Essential Oil from Spices)
  - Sweet Aroma of Betel Nut.
  - Synthetic Perfumery Compound
  - Talcum Powder
  - Talcum Powder (Face & Toilet Powder)
  - Tejpatta Oil from Tejpatta
  - Tobacco Based Tooth Powder
  - Tobacco Flavouring Compound
  - Tooth Paste
  - Tooth Paste & Powder
  - Tooth Paste (Gel Type)
  - Yara Yara (Perfumes for Soap, Detergent & Agarbatti)
- DYES, DYE INTERMEDIATES & PIGMENTS**
- Acetonaphthone
  - Azodicarbonamide Plant
  - Azo Dye Stuffs
  - Beta Naphthol (100% EOU)
  - Coumarin
  - Dye Fixing Agent (By Cold Process)
  - Dye Intermediates
  - Dye Intermediates - Indigo Blue
  - Dyes & Dye Intermediates
  - Erythrosine
  - Fast Colour Base
  - Lake Colour
  - Leather Auxiliaries
  - Leicithin (Soya Based)
  - Metal Naphthenates
  - Naphthalene Balls
  - Phthalocyanine Blue and Green
  - Reactive Dyes (Red, Orange, Yellow Colour) Used B-Naphthol
  - Synthetic Iron Oxide (Yellow)
  - Synthetic Iron Oxide Pigments
  - Synthetic Iron Oxide from Iron Oxide Liquor/Sludge
  - Textile Bleaching, Dyeing & Finishing
  - Textile Carpet Woolen Dyeing
  - Textile Dyeing Auxiliaries
  - Textile Printing Pigment Binder

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :  
**NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamla Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654  
 AN ISO 9001:2008 CERTIFIED COMPANY Mob.: 9811043595 Fax: 91-11-23841561 E-mail : npc.india@gmail.com

## SELECTED PROJECTS FOR RIGHT INVESTMENT

- Ultra Marine Blue
- **ECO FRIENDLY AND BIODEGRADABLE PRODUCTS**
- Duplex Paper
- Fuel Bricks from Groundnuts Soyabean Hull and Jute
- Gunny Bags
- Jute Coir, Grass Rope/ Sutili
- Jute Garments
- Jute Shopping Bags
- Jute Yarn Sutili & Hessian Cloth Weaving (Integrated Unit)
- Natural Colour & Oil (Turmeric Colour & Oil)
- Paper & Paper Board from Jute Sticks
- Paper Cups
- Paper Cups for Ice Creams
- Paper Envelopes
- Paper Plates
- Paper Shopping Bag, Cup, Plate, Glass & Envelopes
- Paper Shopping Bags
- PET Bottles
- PET Bottles from Pre-Form PET
- Ply Board from Bamboo (Chinese Process)
- Poly Vinyl Alcohol Film (Cold Water Soluble)
- Wood Plastic Composite Products
- **EDUCATIONAL INSTITUTES, SCHOOL, ENGINEERING, MEDICAL, DENTAL, PHARMACY, MANAGEMENT, CULINARY, NURSING, PHYSIOTHERAPY COLLEGE**
- Bachelor Physiotherapy College
- Bio-Tech Institute
- Culinary Institute
- Dental College
- Engineering College
- I.T.I (Industrial Training Institute)
- Management College
- Management College (BBA, BCA, MBA, MCA)
- Marine Engineering College
- Medical College
- Medical College, Hospital & Research Institute
- Medical College with Hospital
- Nursery School
- Orphanage with School
- Pharmacy College (B. Pharma Pharma)
- Pharmacy College (B-Pharma)
- Polytechnic College (Technical Education Institution)
- Residential School (C.B.S.E. Pattern)
- Residential School (ICGEB)
- School
- School (Secondary School)
- School (I.G.C.S.E.)
- Vocational Training Institute
- **EDIBLE OILS, NON EDIBLE OILS, FATS, VEGETABLE FATS AND OILS, CORN OIL, COOKING OILS, RICE BRAN OIL, CASTOR OIL, SESAME OIL, LINSEED OIL**
- Anilin Oil By Hydrogenation from Benzene
- Cardamom Oil
- Castor Oil (Batch Process)
- Castor Oil (Extraction & Refining)
- Castor Oil Derivative Oleoresin
- Chili Oil
- Coconut Oil (Filtration and Airtight Packaging in Containers)
- Coconut Oil from Copra
- Coconut Oil in Containers (Filtration & Airtight Packaging)
- Corn Oil (Maize Oil)
- Cotton Seed Delinting/Crushing & Refining of Oil
- Cotton Seed Oil
- Cotton Seed Oil (Extraction & Refined)
- Cultivation & Super Critical Oil
- Extraction of Chillii, Ginger & Large Cardamom
- Edible Oil Refinery Unit
- Extraction of Oil from Neem Seed
- Extraction of Oil from Soyabean & Cotton Seed
- Extraction of Oil from Tamarind Seed
- Extraction of Sesame, Rice Bran & Palm Oil
- Fat Liquor (Sulfated Oil)
- Garlic Oil
- Ginger Oil
- Hydrogenation of Non-Edible Oil
- Lemon Grass Oil
- Linseed Oil
- Mahua Oil
- Maize Oil
- Margarine/Fat
- Neem Oil from Seeds
- Non-Formal Dye Fixing Oil
- Oleoresin of Spices Using Solvent Extraction Process
- Oleoresin of Spices Using Steam Distillation Process
- Palm Oil
- Patchouli Oil
- Poppy Seed Oil By Expeller Process
- Poppy Seed Oil By Solvent Extraction Process
- Rainbow Colours on Metal
- Refined Oil (Cotton Seed Ground Nut Oil & Sunflower Oil
- Refined, Bleached, Palm Oil from Crude Palm Oil
- Rice Bran Extraction & Refining
- Rice Bran Oil
- Rubber Processing Oil
- Sesame Oil from Sesame Seed
- Shortening & Liquid Palm (Olien)
- Solvent Extraction Plant
- Solvent Extraction Plant & Refinery Based on Rice Bran, Soya & Other Oil Seeds
- Solvent Extraction Plant for Rice Bran
- Solvent Extraction Plant for Soyabean
- Sun Flower Seed Oil
- Tejpatta Oil from Tejpatta
- Turkey Red Oil
- Turpentine Oil and Rosin
- Vegetable Crude Oil (Solvent Extraction Plant)
- Virgin Coconut Oil
- Wheat Germ Oil
- Wool Batching Oil
- **ELECTRICAL & ELECTRONIC INDUSTRIES**
- Air Conditioner (A/C) Car & Room Servicing
- Air Conditioners (Window Type)
- Air Cooler
- All Aluminium Alloy Conductor (AAAC)
- All Aluminium Conductor & Aluminium Conductor
- All Aluminium Conductors
- Alternator
- Alternator (1 To 75 KVA)
- Aluminium Conductor
- Aluminium Electrolytic Capacitor
- Aluminium Power Cables
- Aluminium/Copper Cable Lugs
- Aerial Bunched Cable
- Armoured Cables
- Audio Cassette Assembling & Recording Unit
- Audio Cassette Manufacturing & Recording
- Audio Cassettes Manufacturing
- Audio Magnetic Tape
- Audio Stereo Cassette Recorder Players
- Audio Video Cassette Assembling
- Auto Bulb/Lamp
- Auto Lamps (Auto Tail Lights)
- Auto Telephone Recording and Answering Machine
- Automobile Battery
- Bakelite Electrical Accessories
- Battery (UPS, Inverter, Solar System & Automobile Battery)
- Battery for Auto Vehicles
- Battery Manufacturing Unit
- Battery Plates & Assembly
- Button Cell (Miniature Watch Battery)
- Cable Creeping Lugs, Socket & Cable Creeping Tools
- Calculator, Torch & Alarm
- Capacitors
- Cassette Tape Recorder
- Ceiling Fan
- Ceiling Fans, Wall Switches & Sockets
- Choke & Starter for Fluorescent Tube
- Choke and Patti for Fluorescent Tube
- Choke and Starter
- Chokes and Patties
- Clay Plate for Electric Heater
- Colour Television (T.V.)
- Commutators
- Compact Copper Tube Light Choke
- Compact Disc Rom (CD-Rom)
- Compact Disk Player
- Compact Fluorescent Lamps
- Compressor for AC (Hermetic)
- Computerized Washing Machine
- Cooling Coils (For Air Conditioners)
- Copper Clad Laminated Sheet Used for Making P.C.B.
- Cordless Telephone
- CT/PT Epoxy Casting Transformers
- Diesel Generator (20-200 KVA) DG Set
- Different Types of Capacitors
- Dish Antenna and Satellite Network Equipment
- Distribution Transformer & Repairs
- Distribution Transformer (250KVA) Repairing
- Distribution Transformers
- Domestic Electric Cable
- Domestic Refrigeration
- Dry Cell
- Dry Cell Battery
- Dry Cells, Rechargeable Cells
- Electric & Ordinary Detonators (used in Explosive for Hard Rock Cutting & Blasting)
- Electric Arc Furnace
- Electric Bulb (GLS Bulb)
- Electric Energy Meter
- Electric Extension Cord
- Electric Fan
- Electric Fluorescent Tube
- Electric Geyser
- Electric Mixer
- Electric Motor
- Electric Motor Pumps
- Electric Panel Board (Switch Boards)
- Electric Steam Iron
- Electric Water Heater
- Electrical Accessories (Plugs, Switches, Sockets)
- Electrical Control Panel
- Electrical Lamp
- Electrical Motors (High Capacity)
- Electrical Panel (Switch Board)
- Electrical Stamping
- Electro Polishing on Steel
- Electronic Calculator
- Electronic Choke (Ballast)
- Electronic Cut Out for Automobiles
- Electronic Digital Weighing Machine
- Electronic Energy Meter
- Electronic Horn for Automobile
- Electronic Service Centre
- Electronic Toys
- XLPE Cables
- Emergency Light
- Emergency Tube Light
- EPABX / EPAX System
- Exhaust Fans (Cooler Fan)
- F.H.P. Motors
- Ferrite Magnets
- Fluorescent Tube Starter
- G.L.S. Bulbs/Lamps
- Gas Detectors of LPG
- Halogen Lamps
- House Wiring Cables
- HT & MV Industrial Cubic Switch Boards
- Immersion Heater
- Information Moving Display (Lead Type)
- Insulator (High Tension/Low Tension)
- Invertors
- Jelly Filled Cables
- Lamp Shades & Chandeliers
- Lead Acid Batteries
- Light Emitting Diodes (LED)
- M.C.B. (Miniature Circuit Breaker)
- Maintenance Free Re-Chargeable Battery
- Micro Oven
- Miniature Transformer
- Modular Switches
- Multilayer Printed Circuit Board
- Musical Door Bell
- Neon Bulb
- Neon Sign Board
- Neon Sign Tube and Board
- Optical Fibre Cable
- Optical Pickup Unit
- P.V.C. Wire & Cables
- PCB (Flexible)
- PCB (Multilayer)
- PCB (Totally Automatic Plant)
- Plastic Cooler Body (Symphony Type)
- Polyurethane Battery Separator
- Porcelain Insulator
- Portable Television (B & W)
- Power Cables
- Power Capacitor
- Power Supply (Linear Switch Mode)
- Power Transformer
- Power Transformers-Extra High Voltage Up To 400 KV
- Printed Circuit Board
- PV Module Assembly Plant (Photovoltaic)
- PVC Battery Separator
- Rechargeable Battery-Maintenance Free (Sealed Lead Acid)
- Re-Conditioning of Fluorescent Tube
- Re-Conditioning of TV Picture Tube
- Refrigeration & Mini Refrigeration
- Rewinding of Burnt Electric Motor
- Rosin Cored Soft Soldering Wire
- Satellite Receiver
- Scientific Laboratory Equipment (Electronic)
- Set Top Box
- Soft & Hard Ferrites
- Steel Vacuum Flask
- Submersible Pump
- Submersible Pump & Motors
- Switch Mode Power Supply
- Tape Recorder's Pinch Roller, Rubber, Drive, Belt Flat
- Tele Com/Power Transmission Tower
- Telephone (Push Button Type)
- Terminal Connectors
- Transformer/Servomotor/Relay
- Transistor and Semi Conductor
- Un-Interrupted Power Supply (UPS)
- V.C. Cooler
- Variable Frequency, Variable Voltage A.C. Voltage
- Video Cassette
- Video Compact Disc (V.C.D.)
- Voltage Stabilizer (Solid State)

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :  
**NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamla Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654  
 AN ISO 9001:2008 CERTIFIED COMPANY Mob.: 9811043595 Fax: 91-11-23841561 E-mail: npcs.india@gmail.com

## SELECTED PROJECTS FOR RIGHT INVESTMENT

- Voltage Stabilizer Using IC Timer
- Washing Machine
- Washing Machine & Geyser
- Winding Wires PVC Insulated for Submersible Motors
- ELECTROPLATING INDUSTRIES**
- Anodic Aluminium Labels
- Aluminium Anodizing Plant
- Aluminium Hard-Anodizing Unit
- Chrome Plating
- Electro Polishing of Steel
- Electroplating of Gold & Their Chemical Treatment in Golden Colour
- Coating of Titanium Dioxide on Plastic Surface
- Electroplating of Plastic
- Electroplating of Various Metal
- Galvanized Iron Sheet (Plain & Corrugated)
- Gold Electroplating on Cheaper Ornaments (Without Using Gold)
- Gold Plated Silver Jewellery
- Gold Plated Silver Jewellery & Cutlery
- Hard Chromium Plating
- Peelable Coating (Water Based)
- Peelable Coating Solvent Based
- Silver & Gold Plating on PVC and Nylon-6
- Watch Case Buffing
- FOOD PROCESSING AND AGRICULTURE BASED PROJECTS, SNACK FOOD, FROZEN FOOD, AGRO PROCESSING, PROCESSED FOOD, FOOD PRESERVATION, CANNED FOOD, PACKED FOOD, CEREAL FOOD, GRAIN MILLING, BAKERY, CONFECTIONERY, ALCOHOLIC AND NON ALCOHOLIC BEVERAGES, BEER AND WINE, MILK & DAIRY PRODUCTS**
- Alcohol from Potatoes
- Alcohol from Rice (Grains)
- Alcohol from Rice Straw
- Aloe Vera Juice, Gel and Powder
- Angora Rabbit Farming, Rabbit Feed, Yarn from Wool Then Mfg. of Shawls, Sweaters, Caps, Mufflers with Dyeing & Bleaching
- Animal Feed from Bagasse
- Animal Feed Using Date Pits, Discarded Dates & Other Ingredients
- Apple Chips
- Apple Juice Concentrate & Dehydrated Fruits & Vegetables
- Aquaculture Fish (Bream) Farming
- Aquaculture Fish Farming
- Aquaculture Prawn Farming (100% EOU)
- Aquaculture Prawn Farming Equipped with Cold Storage
- Aquaculture Shrimp Farming
- Arecanut (Betel Nut) Processing Unit
- Asafoetida
- Asparagus Cultivation & Processing
- Atta Chakki
- Atta Chakki Plant
- Atta, Maida, Suji & Wheat Bran (Roller Flour Mill)
- Automatic Biscuit Making Plant
- Automatic Bread & Biscuit Plant
- Automatic Bread & Biscuit Unit (Modern Bakery) Plant
- Automatic Bread Plant
- Automatic Chapatti Making Plant
- Automatic Papad Plant
- Automatic Toffee & Candy
- Baby Cereal Food
- Baby Food Products (Infant Cereals), Porridge Mixes, Fruit Purees, Savoury Meals, Infant Milk, Baby Biscuits
- Mueslis
- Baby Health Care Food & Milk
- Bakery Industries
- Bakery Unit (Pastries, Bread, Buns, Cake, Toffee)
- Bakery Unit (Rusk & Cookies)
- Baking Powder
- Banana & Its By Products
- Banana Powder
- Banana Products (Banana Powder, Puree and Concentrate)
- Banana Puree
- Banana Wafers
- Basmati Rice Trading
- Bee Keeping, Honey Processing and Packaging
- Beer & Whisky
- Beer & Wine
- Beer Industry
- Beer Plant
- Beer, Whisky & Rum
- Besan Plant
- Bio-Coal Briquettes from Agricultural Cellulosic Waste
- Biscuits & Cookies
- Biscuits Making Plant
- Blended Alcohol with Bottling Line (Molasses Based)
- Bottling Plant (Alcoholic & Non Alcoholic)
- Lactin (Soya Based)
- Liquid Glucose from Broken Rice
- Liquid Glucose from Maize & Maize Oil
- Liquid Glucose from Potatoes
- Litchi Juice
- Locally Made Foreign Liquor
- Macaroni Manufacturing
- Macaroni, Spaghetti, Vermicelli & Noodles
- Maize & Its By Products
- Maize & Its Products - Starch, Oxidized Starch, Oil, Liquid Glucose, Dextrose
- Maize Oil
- Maize Processing for Glucose
- Maize Processing Plant (Starch, Dextrose, Sorbitol, Liquid Glucose & Malto Dextrose)
- Maize Processing Plant (Starch, Gluten, Germ, Fiber, Glucose & Steep Water)
- Maize Processing Unit (Starch, Gluten Feed, Gluten Meal, Oil & Oil Cake)
- Maize Products (Starch, Oxidized Starch, Liquid Glucose & Dextrose)
- Maize Products Starch, Liquid Glucose, Dextrose Monohydrate, Dextrose Anhydrous, Sorbitol And Vitamin C
- Maize Starch
- Maize Starch & Liquid Glucose
- Maize Wet Milling Process
- Maize/Corn Starch, Sorbitol and Dextrose
- Makhana Processing Unit
- Malt from Barley
- Malting Plant
- Mango Fruit Bar
- Mango Juice
- Mango Papad (Aam Papad)
- Mango Pickles
- Mango Powder
- Mango Processing
- Mango Pulp
- Mango Pulp & Slices
- Mango Pulp Processing & Canning
- Manufacturing of Roasted Salted Cashew Kernel from Cashew Nut
- Margarine Fat
- Masala (Spices) [EOU]
- Masala Powder
- Mayonnaise
- Medicinal/Herbal Plants Cultivation
- Menthol Crystal from Menthol Oil
- Menthol Crystals (EOU)
- Milk Chilling & Packaging Plant
- Milk Paneer
- Milk Plant with Pouch Packing
- Milk Powder and Ghee
- Milk Powder, Pasteurised Milk, Butter, Cheese & Ghee
- Milk Processing (Flavoured Milk (Chocolate) in Pouches, Curd, Flavoured Yogurt, Ghee, Butter & Paneer)
- Milk Processing Plant
- Milk Product Butter, Ghee, Ice Cream
- Milk Product Cheese
- Milk Products
- Milk Toffee Manufacturing
- Mineral Water Bottling Plant
- Mineral Water in Pouches
- Mini Flour Mill (Disk Type)
- Mini Sugar Plant
- Mishri (Sugar Candy)
- Modern Basmati Rice
- Modern Bread & Bakery Unit (Bread, Buns, Rush)
- Modern Bread & Buns (Bakery Unit)
- Modern Chilly Powder
- Modern Rice Mill
- Modified Potato Starch
- Modified Starch
- Mushroom Growing & Processing with Air Conditioning
- Mushroom Growing and Processing (By Deep Freezing Method)
- Mushroom Processing and Canning
- Mustard Oil
- Mustard Oil Mill
- Namkeen (Dalmoth, Bhujia, Chanachoor)
- Neem Oil from Seeds
- Non-Dairy Whipping Cream
- Nursery Farms
- Nursery for Producing Tree-Sapling
- Oleoresin from Chilly
- Oleoresin of Spices
- Onion & Potato Powder
- Onion Powder
- Orange Juice Plant with Cold Storage Facility and Captive Power Plant
- Organic Food
- Packaged Drinking Water with Pet Bottles (1 Ltr) (Automatic Plant)
- Packaged Drinking Water with Pet Glasses (250 ML.) Automatic Plant
- Packaging of Tomato Paste
- Pan Chatni
- Pan Masala & Gutka
- Pan Masala in Pouch & Tin Pack Sada, Meetha, Zarda
- Pan Masala in Pouch and Tin Pack, Sada, Meetha, Zarda & Kimam
- Pan Masala in Pouch Pack
- Pan Masala Khaini, Gutka, Supar Baba Zafarani Type
- Pan Masala, Gutka & Pouch Making Plant
- Pan Masala, Gutka, Sweet Supari, Chewing Tobacco & Khaine
- Paneer from Soya Milk
- Papad & Bari
- Papad & Bariya
- Papad Plant (Automatic)
- Papad Plant (Imported/Automatic)
- Parboiled Rice Mill
- Parboiled Rice Mill with Rice & Corn Flakes
- Particle Board from Bagasse
- Particle Board from Cotton Stem
- Particle Board from Rick Husk
- Particle Board from Saw Dust
- Pasteurised Milk & Cheese Mfg. Unit
- Pasteurised Milk Packing
- Potato Powder & Flakes
- Photocopier Cleaning Web (Non Woven)
- Pickles
- Pickles (Various Types)
- Pickles (Vegetarian & Non Vegetarian)
- Pickles Murabbas (Veg. & Non Veg.)
- Pickles, Murabbas, Sauces & Squashes
- Pig Farming
- Pig Farming with Pork Processing
- Pig Meat Processing (800 Pig/Day)
- Piggery Meat Processing
- Piggery/Meat/Chicken Processing
- Pine Apple Slice Canning
- Pineapple Base Beer, Wine & Whiskey
- Pineapple Juice Manufacturing & Canning
- Poha (Chiwra)
- Pork Processing & Pig Farming
- Pork Products
- Potato and Onion Flakes
- Potato Chips
- Potato Chips & its By-Products
- Potato Chips (Imported Machine)
- Potato Chips Automatic Plant
- Potato Chips in Different Flavours
- Potato Chips/Wafers (Different Types of Recipe & Flavours)
- Potato Chips/Wafers
- Potato Flakes
- Potato French Fries
- Potato Granules
- Potato Powder
- Potato Powder (Automatic)
- Potato Powder (Imported Plant)
- Potato Powder (in Low Investment)
- Potato Powder, Flakes & Pellets
- Potato Powder, Flakes and Granules with Cold Storage
- Potato Powder, Granulated and Flakes
- Potato Starch
- Potato Wafers (Imported Plant)
- Poultry & Poultry Farm with Hatchery
- Poultry Farm (Cap: 100000 Birds Annum)
- Poultry Processing (Processed Meat)
- Poultry Processing Plant
- Poultry Project
- Broiler Farm,
- Broiler Processing, &
- Poultry Feed
- Pre-Gel Starch from Maize Starch (Drilling Grade)
- Preservative Free Jam (Fruit Spreads) and Organic Jam Making
- Processed & Dehydrated Gherkins
- Processed Food & Spices
- Processed Fruits & Vegetables
- Processing & Packing of Snack Food
- Processing of Food Grain/Pulse and Retail Packaging
- Production of Date Syrup, Date Paste, Date Jam & Date Food
- Rabbit Farming
- Ragi Biscuits
- Ready to Eat Food (Retort Packaging) Vegetable Pulao, Dal Makhani, Palak, Rajmah, Potato Pea & Mutter Mushroom
- Rectified Spirit, Extra Natural Alcohol (ENA)
- Red Chilli Powder
- Refined Oil (Cotton Seed Oil, Groundnut Oil and Sun Flower Oil)
- Refined Oil (Cotton Seed, Ground Nut, Sunflower)
- Refining of Crude Soya Bean and Palm Oil
- Refining of Edible Oil
- Rice & Corn Flakes

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :  
**NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamla Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654  
 AN ISO 9001:2008 CERTIFIED COMPANY Mob.: 9811043595 Fax: 91-11-23841561 E-mail : npcs.india@gmail.com

## SELECTED PROJECTS FOR RIGHT INVESTMENT

- Rice Beer
- Rice Flakes (Poha)
- Rice Flakes from Broken Rice (Used in Beer Industry)
- Rice Mill, Rice Bran Oil with Captive Power Plant (Integrated Unit)
- Rice Milling Plant
- Rice Noodles
- Rice Polishing & Packaging in Pouches
- Roasted & Fried Dry Fruits, Grain, Grams, Peas (in Pouch)
- Roasted/Salted/Coated Cashewnut, Peanuts, Almonds
- Roasted/Salted/Masala Cashew Nuts, Almonds & Snack Food (Roll & Ball Type)
- Roller Flour Mill (Atta, Maida & Sujji)
- Roller Flour Mill (Maida & Suzi)
- Roller Flour Mill (Mini Flour Mill)
- Saccharine (Both Soluble & Insoluble)
- Salted Cashewnut Processing
- Sattu Manufacturing
- Seed Grading/Processing
- Semi Automatic Plant for Toffee
- Shitake Mushroom
- Shrimp Farming (Prawn Breeding in Sea Water)
- Silver Coated Sugar Balls
- Skimmed Milk Powder
- Slaughter House
- Snack Food (Crax Type) Roll & Ball Type
- Soda Water Bottling Plant
- Soda Water in Plastic Pouches
- Soft Board & Hard Board from Coir Dust
- Soft Drink (Aerated Water)
- Soft Drink (Carbonated)
- Soft Drink (Cola, Orange, Lemon, Mango, Pulp, Ginger, Clear Lemon, Tui Type)
- Soft Drink Concentrate
- Softy Ice Cream
- Softy Ice Cream Cones (Automatic Imported Plant)
- Solvent Extraction Plant (Oil Cake Based)
- Sorbitol
- Souff Supari (Elaichi Flavour)
- Soya Bean Milk From Soya
- Soya Products
- Soya Protein
- Soyabean Baryan (Automatic)
- Soyabean Meat
- Soyabean Oil from Soyabean Seed & Cattle Feed
- Soyabean Product (Soyabean Oil, Soya Paneer, Soya Extract)
- Soyabean Products
- Spice & Allied Products
- Spice Oleoresin (Chilly Oil) By Super Critical Process
- Spice Oleoresin (Ginger)
- Spices
- Spices (EOU)
- Spices (Garlic Base Spices with Packing in Bags)
- Sponge Gourd Processing Unit
- Starch & Allied Products from Maize
- Starch & Allied Products from Maize With Co-Generation
- Starch & Liquid Glucose from Maize
- Starch & Starch Derivatives (Starch, Glucose, Malto Dextrin, High Maltose Syrup & Powder, Dextrose Monohydrate, Dextrose Anhydrous & Sorbitol)
- Starch & Starch Derivatives with 4 MW Co-Generation Plant (Starch, Glucose, Malto Dextrin, High Maltose Syrup & Powder, Dextrose Monohydrate, Dextrose Anhydrous & Sorbitol)
- Starch (A & B)
- Starch from Maize
- Starch from Tapioca
- Strawberry Jam
- Sugar Candy (Bombay Mishri Type)
- Sugar Candy (Mishri)
- Sugar Candy (Pearl Type)
- Sugar Cane Juice in Tetrapack
- Sugar Cane Juice Preservation
- Sugar Coated Cashew Nuts, Almonds, Peas
- Sugar Cubes
- Sugar Mill with Bio-Ethanol from Molasses
- Sugar Mill, Distillery & Power Plant
- Sugar Pellets
- Sugar Plant
- Sugar Plant with Co-Generation Power Plant and Greenfield Sugarcane Cultivation
- Sugarcane Juice Preservation
- Sun Flower Oil
- Sun Flower Seed Oil
- Sunflower Cultivation with Sunflower Oil Production
- Sunflower Oil
- Supari (Sweet) (Betel Nut)
- Sweet Scented Supari
- Tamarind Juice Concentrates
- Tamarind Juice Powder
- Tamarind Kernel Powder
- Tamarind Pulp
- Tamarind Pulp from Tamarind
- Tamarind Seed Decorticating & Powder Starch Making
- Tea Bag
- Tea Bag (Dip-Dip Type)
- Tea Packaging Industries
- Tea Packaging Industry
- Tea Packaging Unit
- Tea Processing & Packaging
- Tejpatta Oil from Tejpatta
- Tissue Culture (100% EOU)
- Tobacco Creamy Snuff
- Toffee, Candy & Milk Chocolate
- Tomato Product Manufacturing
- Tomato Pulp
- Tomato Paste
- Tomato Paste & Purees
- Tomato Paste (Tomato Concentrate)
- Tomato Powder
- Tomato Processing for Concentrate Ketchup
- Tomato Processing Unit
- Tomato Product in Pouch (Sauce, Ketchup)
- Tomato Products (Tomato Juice, Tomato Puree, Tomato Ketchup)
- Trading Business (Rice, Salt, Dry Fruits, Etc.)
- Tuty Fruity from Papaya
- Upgrading of Salt
- Turmeric Powder
- Vanaspati Ghee
- Vegetable Margarine Plant
- Vegetable Oil (Refined)
- Vinegar
- Virgin Coconut Oil
- Vanaspati Ghee (Hydrogenated Vegetable Oil)
- Vermicelli
- Vermicelli, Noodles and Cherry (Tooty Fruity)
- Vitamins & Minerals Enriched Various Designed Corn Flakes
- Vodka from Potatoes
- Washing of Ginger
- Waste Oil Recycling
- Wheat Flour Mill
- Wheat Germ Oil
- Wheat Puff
- White Oat Processing
- Whole Spice Processing (Cleaning, Grinding & Packaging)
- Wine, Brandy, Whisky & Champagne
- Yeast from Molasses
- Yogurt in Plastic Cups
- Zarda of Various Grades
- Zarda, Kimam No-60, 120, 160, 240, 300 & 400
- Zarda, Kimam, Tobacco
- Zarda-Zafrani Baba Chhaap
- **GLASS, FLAT GLASS, AUTOMOTIVE GLASS, OPTICAL GLASS, GLASSWARE INDUSTRY, CERAMIC, INDUSTRIAL CERAMICS PRODUCTION, REFRACTORY**
- Acrylic Mirror
- Ceramic (Porcelain) Insulator
- Ceramic Foam Filters
- Ceramic Foam Filters (Metallic Based)
- Ceramic Glazed Tiles
- Ceramic Hotel Ware (Bone China)
- Ceramic Media
- Ceramic Thread Guide
- Ceramic Unit
- Conversion of Industrial Vitrified Tiles Into Commercial Vitrified Tiles
- Fibre Glass
- Flat Glass & Float Drink Glass
- Float Glass
- Float Glass (Automatic Plant)
- Glass Ampoules (Distilled Water)
- Glass Bangles & Glass Pressed Wares
- Glass Beeds
- Glass Bottle
- Glass Bottle for Beer
- Glass Bottles for Wine
- Glass Bottles Using Broken Glass
- Glass Factory for Glass Block
- Glass Fensiky & Specific Gravity Hydro Meter
- Glass Manufacturing (Security Glass, Window Glass, Glass Basin & Elevation Glass)
- Glass Marble
- Glass Reinforced Concrete (G.R.C.)
- Glass Round Balls
- Glass Sheet
- Glass Sheet (Automatic Plant)
- Glass Sheet for Window
- Glass Sheet for Window Panes
- Glass Ware Drinking Water
- Glass Wool
- Glazed Ceramic Tiles
- Granite Slab & Tiles
- High Alumina Ceramic
- Hot & Cold Fusion of Glass
- Laminated Safety Glass
- Magnesite Bond Polishing Bricks, Resin Bond Polishing Brick & Resin Bond Final Polish for Marble & Granite
- Mirror Colouring (Pink, Black, Golden, Silver)
- Mirrors (Silver, Golden, Pink, Black and Yellow Colour)
- Non Glazed Ceramic Tiles
- Optical Glass
- Optical Lenses
- Safety Glass
- Sheet & Figured Glass (Rolled & Kohi Burn Process)
- Sheet Glass / Float Glass Automatic Plant
- Tempering/Toughening of Flat Glass
- Toughened Glass
- Watch Glass
- **HERBS AND HERBAL BASED PRODUCTS, AYURVEDIC MEDICINES, HERBAL EXTRACT, NATURAL PLANT EXTRACTS, AYURVEDIC PHARMACY, AYURVEDIC PRODUCTS, HERBAL MEDICINE, HERBAL COSMETICS**
- Aloe Vera gel
- Aloe Vera Gel & Powder
- Aloe Vera Cultivation & Extraction
- Aloe Vera Gel, Juice and Powder
- Aromatic Perfumery Compound
- Aromatic Plants Cultivation & Processing
- Ark - Ajawain, Pudina, Saunf & Gulab
- Aromatic Herbal Shampoo
- Ayurvedic/Herbal Pharmacy
- Ayurvedic Churan & Tablets
- Ayurvedic Pain Balm Ointment
- Ayurvedic/Herbal Pharmacy
- Ayurvedic Dantmanjan (Red Colour) Dabur Type
- Ayurvedic Gamaxine (Using Red Moong)
- Ayurvedic Pain Balm (Yellow & White) Zandu Type
- Ayurvedic Pharmacy (Capsules, Liquid Oral, Ointment, Powder, Injection)
- Ayurvedic Raw Material from Mercury
- Ayurvedic Sharbat
- Ayurvedic Tablets (Hajmola Type)
- Cardamom Oil
- Citronella Oil
- Clove Oil
- Coleus Forskohli Extract
- Extraction of Methi Seeds (Fenugreek)
- Hair Dyes (Henna Based)
- Hair Dyes (Henna Based) Four Colour
- Henna Paste
- Henna Paste (Self Life 6 Months)
- Henna Powder Repacking
- Herbal Cigarette
- Herbal Extract
- Herbal Formulation (Herbal Plant)
- Herbal Concentrate in the Manufacturing of Herbal Drugs & Concentrate
- Herbal Cosmetics
- Herbal Hair Oil
- Herbal Hair Oil (Banphool Type)
- Herbal Kumkum (Roll)
- Herbal Medicinal Plants Cultivation & Processing
- Herbal Natural Essential Oil
- Herbal Plantation (Medicinal)
- Herbal Shampoo & Cream
- Herbal Tooth Paste & Tooth Powder
- Herbs Plantation & Processing
- Integrated Unit - Herbal Hair Oil, Herbal Cosmetic, Ayurvedic Pharmacy
- Kali Mehandi
- Lily Essence
- Medicinal Plant Extracts
- Menthol Crystal from Menthol Oil
- Patchouli Oil
- Perfumery Chemicals Synthetic and Natural
- Ras Sindhoor
- Safed Musli
- Safed Musli Cultivation & Processing
- Sennoside & its Product from Senna Leaves
- Stevia Cultivation
- Stevia Extract
- Turmeric Powder
- **HOSPITALITY, ENTERTAINMENT, WARE HOUSING & REAL ESTATE PROJECTS**
- Air Taxi (Rental)
- Amusement Park
- Amusement Park Cum Water Park
- Banquet Hall
- Cancer Hospital
- Cancer Hospital (Treatment & Research Institute)
- Cinema Hall
- Club with 4 Star Hotel
- Cold Storage
- Diagnostic Centre
- Dispensary
- Eye Hospital
- Fast Food Parlor

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :  
**NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamla Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654  
 AN ISO 9001:2008 CERTIFIED COMPANY Mob.: 9811043595 Fax: 91-11-23841561 E-mail: npcs.india@gmail.com

## SELECTED PROJECTS FOR RIGHT INVESTMENT

- Five Star Hotel
  - Five Star Hotel (Deluxe)
  - Five Star Hotels with Shopping Mall, Health Club, Water Park, Amusement Park, Golf Course & Golf Academy, Cottage & Open air Theatre
  - Five Star Hotels, Business Center (Shopping Centre) PVR, Health Club & Banquet Hall
  - Five Star Hotel & Shopping Mall
  - Food Parlour
  - Games Parlour
  - Golf Course
  - Green House
  - Health Club, Beauty Parlour
  - Holiday Resorts cum Entertainment Club, 4 Star Hotel
  - Holiday Village Resort
  - Hospital (20 Beds)
  - Hospital 300 Beds to 700 Beds with Teaching Facility
  - Hotel
  - Hotel 5 Star, 3 Star,
  - Hotel/Small Hotel
  - Holiday Resort
  - Hospital
  - Hospital with Teaching Facility
  - Hotel - 3 Star (With Out Liquor Bar)
  - Hotel (Small Hotel with Banquet Halls, Restaurant and Catering Facility)
  - Hotel with Discotheque
  - Hotel/Small Hotel
  - Ice Cream Parlour
  - Kids Entertainment Cum Food Center (Restaurant) at The Mall
  - Market Complex
  - Multiplex Cinema Hall with Shopping Mall
  - Motel/Small Hotel with Banquet Hall, Restaurant & Catering
  - Multiplex Cinema Hall, PVR with Shopping Centre
  - Multistoried Commercial Complex
  - Multiplex Cinema Hall, PVR with Shopping Center
  - Multispeciality Hospital
  - Multistory Residential Complex
  - Nature Care Centre
  - Nursery School
  - Nursing Home
  - Old Age Home, Orphan Children Hall & Dharamshala
  - Out Door & Indoor Entertainment Centre
  - Pediatric Hospital 25 Beds
  - Pharmaceutical College (B-Pharma & DPharma)
  - Recreation and Health Club
  - Residential Apartments
  - Restaurant/Fast Food Parlour
  - Regional Television Channel (Multi Lingual News-Cum Entertainment Cum Sport-Cum-Educational Channel)
  - Residential Township (Villas with Swimming Pool, Shopping Arcade, EWS Houses)
  - Restaurant
  - Safari Park
  - Satellite Broad Casting Channel
  - Shopping Mall with Four Screen Multiplex & 3 Star Hotel
  - Small Hotel/Motel, Party Room Restaurant, Fast Food Parlour & Banquet Hall
  - Super Market (Commercial Market)
  - Three Star Hotel
  - Video Film Studio
  - Ware House
  - Water Park
- INKS & STATIONERY PRODUCTS**
- Ball Pen Ink Remover
  - Ball Pen Manufacturing
  - Ball Point Ink
  - Ball Point Pen Refills
  - Chalk Crayon Industry
  - Colour Wax Crayons
  - Computer Stationery
  - Dust Free Chalk Made By Calcium Carbonate
  - Exercise Note Book, Register, Pads
  - Flexo Graphic Ink
  - Flexo Gravure Printing Ink
  - Flexographic Ink
  - Hologram Sticker - 3D
  - Indelible Election Ink (from Silver Nitrate)
  - Ink for Hot Stamping Foil
  - Lead Pencils
  - Oil Soluble Ink
  - One Time Carbon
  - Painting Brush
  - Plastic Files & Its Smaller Components
  - Printed Envelopes with Window & without Window in Single Colour & Multi Colour
  - Printing Inks
  - School Chalk
  - Screen Printing Ink
  - Slate Pencils
  - Solvent and Water Based Inkjet Inks
  - Stamp Pad & Stamp Inks
  - Staple Pin
  - Straw Board Slates
  - Tailors Chalk
  - Toner Ink for Xerox Machine
  - Wax Crayon
- JUTE & JUTE BASED PROJECTS**
- Gunny Bags (Jute Bags)
  - Gunny Bags from Jute
  - Jute Mill with Spinning & Weaving
  - Jute Ropes/Sutli
  - Jute Shopping Bags
  - Jute Tarfelt
  - Jute Twine (Jute Rope) Cum Gunny Bag Mfg. from Raw Jute
  - Particle Board from Jute Stick
  - Paper and Paper Board from Jute Sticks
  - Mini Paper Plant from Jute Sticks
- MECHANICAL, ENGINEERING, AUTOMOBILE INDUSTRIES, METAL, METALLURGICAL, S.S. UTENSIL, WIRE, ALUMINIUM, BRASS, COPPER PRODUCTS, LPG CYLINDER AND VALVES**
- A.P.I. Tubes
  - Activated Alumina
  - Activated Alumina Balls
  - Agriculture Implements
  - Air Cooler
  - Air Filter for All Type of Auto Vehicles
  - Air Pressure Gauge (Dial Gauge)
  - Alloy Steel Casting
  - Alloy Steel Long Product Market & Alloy Steel Seamless Pipes
  - Alumina from Bauxite (By Calcinations Process)
  - Alumina from Gibsite Variety
  - Alumina Refinery
  - Alumina to Aluminium & Mfg. of Profiles
  - Aluminium & Copper Cable Lugs
  - Aluminium Aerosol Cans
  - Aluminium Alloy
  - Aluminium Alloy from Scrap & Virgin Metal
  - Aluminium Alloy from Virgin Metal/ got/Billet
  - Aluminium Angles, Channels, Doors & Windows
  - Aluminium Beverage Can Making Plant
  - Aluminium Beverages Cans
  - Aluminium Blind, Rivets & Metal Clips
  - Aluminium Bottle Caps
  - Aluminium Bottles (Cold Extrusion of Aluminium)
  - Aluminium Building Hardware
  - Aluminium Cans for Brewery Industry
  - Aluminium Caps
  - Aluminium Channels, Beading & Pipes
  - Aluminium Circle
  - Aluminium Cladding (Construction)
  - Aluminium Collapsible Tubes
  - Aluminium Collapsible Tubes (Printed)
  - Aluminium Containers
  - Aluminium Extrusion
  - Aluminium Extrusion for Pipe Accessories & Building Hardware
  - Aluminium Extrusion Plant
  - Aluminium Finished Articles (Job Work)
  - Aluminium Foil
  - Aluminium Foil Container
  - Aluminium from Alumina
  - Aluminium Furniture
  - Aluminium Gravity Casting
  - Aluminium House-Hold Utensils
  - Aluminium Ingots from Aluminium Scrap
  - Aluminium Ingots from Bauxite
  - Aluminium Ingots from Used Beverage Cans
  - Aluminium Paint
  - Aluminium Powder
  - Aluminium Power Cables
  - Aluminium Pressure & Gravity Die Casting
  - Aluminium Pressure Die Casting
  - Aluminium Printing Plates for Offset Printing Machine
  - Aluminium PS (Pre-Sensitised) Plates
  - Aluminium Secondary Billet Casting
  - Aluminium Secondary Billet Casting Plant
  - Aluminium Sheet, Circles & Vessels
  - Aluminium Slug (used for Collapsible Tube Containers)
  - Aluminium Utensils
  - Aluminium Utensils & Circles
  - Aluminium Wire Drawing
  - Aluminium Wire Drawing & Super Enameling for Winding
  - Aluminium Wire Drawing & Wire Mesh
  - Aluminium Rolling Mill
  - Assaying Gold
  - Auto Brake Liner
  - Auto Bulb / Lamp
  - Auto Control Cables
  - Auto Head Light
  - Auto Leaf Spring
  - Auto Wires for 3/2 Wheelers
  - Automatic Ignition Coil
  - Automatic Nut & Bolts Plant
  - Automatic Vending Machine for Hot & Cold Beverages
  - Automised Aluminium Powder
  - Automobile (Four Wheelers)
  - Automobile Battery
  - Automobile Brake Shoe
  - Automobile Bushes
  - Automobile Gaskets
  - Automobile Gear
  - Automobile Industry (Four Wheelers)
  - Automobile Parts (Maruti Vehicles)
  - Automobile Piston Rings
  - Automobile Products (Processing Metal & Auto Part)
  - Automobile Radiators
  - Automobile Tyre for Bus, Truck & Lorry
  - Automobile Tyre, Tubes & Flaps
  - Automobile Work Shop/Garage & Service Station
  - Automotive Filters
  - Automotive Tyre Plant
  - Automotive Tyre Plant for Car & Trucks
  - Automotive Wiring Harnesses
  - Ball Bearing
  - Ball Bearing Industry
  - Battery for Auto Vehicles
  - Battery Plate
  - Battery Plate & Assembly
  - Beneficiation of Chromium, Nickel & Manganese Ore
  - Beneficiation of Manganese Ore
  - Bentonite (Quarrying, Processing & Exporting)
  - Bentonite Processing
  - Bicycle Assembly
  - Bicycle Chain
  - Bicycle Manufacturing
  - Bicycle Plant
  - Bicycle Rim
  - Billets from Steel Scrap By Electric Furnace
  - Bimetal Bushes with Powder Based Metallurgy
  - Bimetallic and Sintered Bushes
  - Black and Annealed Wire
  - Black Bar to Bright Steel Bar
  - Black Pipe Galvanizing Plant
  - Body Building (Truck & Bus)
  - Brass & Aluminium Hinges
  - Brass and Copper Tube
  - Brass Casting Pollution Control
  - Brass Door, Window Fittings
  - Brass Novelty
  - Brass Pressure Die Casting
  - Brass Rolling Sheets
  - Bright Bar (S.S.)
  - Bright Bars
  - Building Hardware of Aluminium
  - Bus Body Building
  - Butt Welded Carbon Steel Fittings & Steel Flanges
  - C.I. Casting (Foundry) By Induction Furnace
  - C.I. Casting Foundry
  - C.N.G. Cylinders (Storage for C.N.G. Gas)
  - C.P. Bathroom Fittings
  - Cable Creeping Lugs, Socket & Cable Creeping Tools
  - Calcined & Activated Alumina
  - Calcined Bauxite
  - Calcined Bauxite Through Rotary Kiln
  - Calcite Alumina Powder
  - Carbide Tips/Inserts/Indexable
  - Carbon Brush, Brush Holder Slipping
  - Carbon Brushes
  - Carbon Fiber Composites
  - Carburetor
  - Cargo Containers (for Ship & Train)
  - Cast Aluminium Strips and Ingots
  - Cast Iron & S.G. Iron Castings
  - Cast Iron Earth Pipes with Flanges
  - Cast Iron
  - Ceramic Foam Filters (Metallic Based)
  - Chains (Bicycle, Scooter, Motorcycle, Moped)
  - Chemical Etching of Stainless Steel
  - Chromite Beneficiation Plant
  - Clean Room (Modular Panels) for Pharmaceutical
  - Clutch Lining for Four Wheeler
  - Clutch Plate for Two Wheeler
  - Clutch, Clutch Plate & Assembly for Four Wheeler
  - Cold Rolled Pressed Steel Doors & Windows
  - Cold Rolled Stainless Steel Plant
  - Cold Rolling of M.S. Strips/ Sheet
  - Cold Rolling of Steel Strips
  - Composite Carbon Fibre
  - Composite Container
  - Composite Steel Re-Rolling Mill
  - Concentrated Manganese Ore Production
  - Continuous Copper Rod (CCR) from Copper Scraps
  - Continuous Electro Galvanizing Cold Dip Process of Steel Strip
  - Control & Precision

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :  
**NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kania Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654  
 AN ISO 9001:2008 CERTIFIED COMPANY Mob.: 9811043595 Fax: 91-11-23841561 E-mail : npcs.india@gmail.com

## SELECTED PROJECTS FOR RIGHT INVESTMENT

- Instrumentation
- Conveyor Roller/Idlers
- Cooling Tower
- Copper Flats & Copper Tubes
- Copper Foil
- Copper Powder
- Copper Powder & Aluminium Powder
- Copper Rod Casting (Wire Drawing and Enamelling)
- Copper Rod from Copper Scraps
- Copper Strip Coils from Scraps
- Copper Utensils
- Copper Wire Bars or Rods from Copper Scraps
- Copper Wire Drawing
- Copper Wire Drawing & Enamelling
- Copper Wire Drawing From Higher Size to Very Thin Size, used in Electrical Cables
- Copper Wire Drawing, Annealing & Enamelling
- Corrugated Galvanized Sheet
- Crucibles from Fire Clay
- Cycle & Van Tyres & Tubes
- Decoiler and Sheet Shearing Plant
- Diamond & Gem Cutting/ Polishing (All Automatic Machinery)
- Diamond Blade
- Diamond Tools & Wheels
- Die Making for Sheet Metal Working
- Diesel Engine Repairing
- Diesel Generating Set
- Different Types of Fire Extinguishers
- Disposable Needles & Syringes
- Drip Irrigation System
- Drum & Barrels (35 To 200 Ltrs.)
- Ductile Iron Fittings (Ductile Malleable /Nodular/ Spheroidal Casting)
- E.R.W. Steel Conduit Pipes
- Earth Moving Equipment
- Electric Arc Furnace
- Electrical Stamping
- Electronic Horn for Automobile
- Enameled Copper Wire
- Epoxy Coated TMT Bars
- Epoxy Coated TMT Rebars
- ERW Galvanized Steel Pipes
- ERW Steel Pipes
- Fastener (Automatic Cold Forge Process)
- Fasteners (Hex- Head Bolts & Nuts)
- Fasteners (Nuts Bolts, Rivets & Washers)
- Fasteners (Nuts, Bolts, Rivets)
- Ferrite Magnets
- Ferro Alloy (Fe-Si, Fe-Mn, Si-Mn)
- Ferro Alloys (Ferro Manganese, Silico Manganese, Ferro Silicon) Based on Aluminothermic Process
- Filter (Micro Filter Inserts for Automobile)
- Filter for All Vehicles
- Fin Type Heat Exchanger
- Fire Extinguisher
- Fire Extinguishers (Different Types)
- Fire Fighting Equipments
- Flush Doors
- Forging on Open Die Hammers
- Forging Unit
- Forging Unit (General)
- Foundry Sand (Non Ferrous Metal)
- G.I. Pipe Fittings
- G.I. Sheet (Plain & Corrugated)
- G.I. Wire from H.B. Wire
- Galvanised Iron Strips
- Galvanising of Cans for Gardening
- Galvanising of Zinc (Electrical Process)
- Galvanising of Zinc (Hot-Dip Process)
- Galvanising Plant
- Garden Tools & Fencing Accessories
- Gas Detectors of L.P.G.
- Gas Welding Torch & Nozzles
- Gold & Platinum Jewellery Manufacturing with Die-Casting
- Gold Silver Jewellery
- Gold Jewellery (100% EOU)
- Graphite Carbon Plate
- Graphite Crucibles
- Graphite Electrode for Arc Furnace
- Grinding Media Ball
- Hand Pump Mark-II Unit
- Hand Tools (E.O.U.)
- Handle for Bucket
- Helmet
- Hospital Bed
- Hot Dip Galvanizing
- Hot Plate Rolling Mill
- Hot Roll Steel Bar Mill
- HR/CR Rolling Stainless Steel Plant
- Hydraulic and Pneumatic Items
- Hydraulically Regulated Doors Closer (Everest Type)
- Ilmenite Beneficiation
- Induction Furnace Re-Rolling Unit
- Induction with Hot Rolling (Concast) and Structure
- Industrial Pump (High Capacity)
- Industrial Valve
- Integrated Melting & Rolling Mill
- Integrated Steel Plant
- Intermediate Bulk Containers (I.B.C)
- Investment Casting
- Iron Based Sponge Iron to Billet to Rod
- Iron Ore Pelletization
- Iron Ore Pelletization Plant
- Iron Ore Pelletization with Beneficiation
- Iron Powder (Cast)
- Iron Powder from Mill Scale Scrap
- Jali for Fan [Fan Gaurd] [Metalic] Automatic Plant
- Kitchen Sinks (Stainless Steel)
- Kudali, Fawra, Gaiti, Belcha
- L.P.G. Cylinder & Regulator
- L.P.G. Cylinders
- L.P.G. Regulators (Domestic Purpose)
- L.P.G. Stove
- Laminated Tube (Multilayer)
- Lead Metal from Lead Ore
- Link Chain
- Locks (Aligarh Type)
- Longitudinally Submerged Arc Welded Pipes (L Saw Pipes)
- L-Saw Pipes
- M S Ingots Using Induction Furnace
- M.S. and S.S. Weld Mesh
- M.S. Barrels (Metal Barrels)
- M.S. Binding Wires
- M.S. Hinges
- M.S. Ingots (Mini Steel Plant) 5 MT Induction Furnace
- M.S. Pipe from Strips
- M.S. Tubes and Pipes (ERW & HFIW)
- M.S. Winding Wire & Annealing
- Magnet
- Material Handling Equipments
- Measuring Tapes
- Mechanical Toys
- Metal Container for Packaging
- Metal Drums & Barrels 25 To 200 Liters
- Metal Fabrication Unit Based on Water Jet Cutting Machine
- Metal Hardening
- Metallic Drum (Used for Oil Storage)
- Micro Filters for Automobile
- Micro Irrigation System
- Mild Steel Flat Bar, Square Pipes & Tubes
- Mild Steel Ingots from Iron Ore
- Mild Steel Rolled Products (TMT/CTD & MS Round Bars Flats)
- Mild Steel Welding Electrode
- Mini Steel Plant - Steel Long Products TMT Bar, Flats, Angles, Channel & Gutters
- Mini Steel Plant (25-T UHF Electric Arc Furnace & Hot Rolling Mill)
- Mini Steel Plant (Ingot from Ore)
- Mini Steel Plant with Production of Bar
- Muffler & Silencer Pipes for Four Wheelers
- Multivalves used in Auto L.P.G. Tanks
- Needle for Sewing Machine
- Non Stick Cookwares
- Non-Stick Kitchen Ware
- Nut & Bolts (Cold Formed Steel Fasteners)
- Nut and Bolts (Mild Steel)
- Nuts and Bolts (MS & HT)
- Oil Seals
- Open Top Sanitary Cans for Food, Pesticides, Paint
- Oxygen Lancing Pipes
- P.P. Caps (Aluminium)
- Pad Locks/Door Locks
- Pig Iron
- Puffer Proof Caps
- Puffer Proof Crown Caps
- Piston Assembly (Aluminium Alloy)
- Piston for Internal Combustion Engine
- Piston-Rings for IC Engines
- Plant Protection Equipment
- Plastic Cladded Aluminium Squeeze Tube
- Plastic Injection Moulding Plant for Autoparts
- Pre Painted Coloured Corrugated Galvanized Roofing Steel Sheet
- Pre Painted Galvanized Roofing Steel Sheet (Plain and Corrugated)
- Pre Tensioned, Pre Stressed Railway Sleepers
- Press Steel Doors & Window
- Pressure Cooker
- Pressure Die-Casting
- Printed (Multi Colour) Tin Container (Air Tight)
- Printed Tin Containers
- Printing Ink
- Radial Tyres for Cars & Trucks
- Railway Air Break
- Razor Blade
- Refined Oil (Cotton Seeds Groundnut Oil & Sunflower Oil)
- Refrigeration Strand Various Model
- Reinforcement Bars or Tor Bars
- Re-Rolling Mill for Sayria & Twisting Rod
- Re-Rolling Mill for Tor Steel
- Resin Cored Soldering Wire
- Rice Bran Oil Solvent Extraction Plant with Refinery
- Rice Huller
- Rivets (Clutch Facing/Brake Linings)
- Rock Drill Bits
- Rolling Mill with Furnishing Plant
- Rolling, Bearing & Forging of Outer Inner Rings
- Rubber Auto Parts
- Rubbing Compound for Automobile
- S.G. Iron Casting & Malleable Iron Casting
- S.S. Alloy Steel Casting
- S.S. Bright Bars & Wire Mfg. (Cold Drawn Process)
- S.S. Cutlery
- Safety Helmet
- Safety Pin, Paper Pin, Gem Clips
- Sandwiched Bottom (Al-Alloy & S.S.) Utensils
- Seamless M.S. Tube & Pipes
- Seamless Tubes
- Selenium Coated Aluminium Drum used in Plain Paper Copier
- Self Taping Steel Screws
- Sewing Needles (for use with Domestic / Indl. Sewing M/c.)
- Sheet Metal Press Shop
- Shovel
- Silencer for Auto Vehicles
- Silencer for Two and Three Wheelers
- Silicone Metal
- Sintered Bearing
- Sintered Bushes
- Sintered Metal Auto Components
- Solder Wire & Flux
- Sponge Iron
- Sponge Iron with Captive Power Plant (Agro Based)
- Spring Washers
- Stainless Steel Cutlery
- Stainless Steel Fastener (Washer 100% EOU)
- Stainless Steel Sheet Rolling & Manufacturing of S.S. Utensils
- Stainless Steel Tube
- Stainless Steel Tubes & Pipes by Extrusion and Pilgering Process
- Stainless Steel Tubes/Pipes
- Stainless Steel Utensil
- Stainless Steel Wire Drawing
- Steel Balls for Ball Point Pen
- Steel Bars (Range 6 mm To 32 mm)
- Steel Casting for Railways
- Steel Containers
- Steel Drums and Barrels
- Steel Fabrication Unit
- Steel Forging for Automobile Parts
- Steel Furniture
- Steel Ingot (Furnace)
- Steel Plant
- Steel Plant (Blast Furnace)
- Steel Re-Rolling Mill (Steel Roof & Coil from Scrap)
- Steel Rolling Mill
- Steel Safety Pins
- Steel Shot/Steel Grits
- Steel Structure Unit
- Steel Tubes & P.V.C. Pipes
- Steel Wool
- Steel/Iron Pellets
- Stitching Wire
- Structural Steel
- Submerged Arc Welded Pipes
- Submersible Pump Manufacture
- Super Enamelled Copper Wire
- Surgical Suture
- Taper Roller Bearing
- Thermocole
- Three Wheelers Manufacturing
- TMT Bars, Sariya
- Torch & Tri-Light Unit (Integrated Plant)
- Transmission Tower & Tele Communication Towers with Galvanizing Plant
- Tripod Stands, Tables & Chairs (100% E.O.U.)
- Tube Making for Umbrella
- Tyre for Three Wheelers & Medium Size Four Wheelers
- U Bolt & Centre Bolt for Auto leaf Springs
- Vacuum Metalising Process
- Vacuum Thermoflask
- Valve Guide
- Washerless Faucet (Taps)
- Watch Case Manufacturing Unit
- Watch Straps/Chains/Belt
- Watch Straps/Chains/Bracelets / Belt (Brass & Steel)
- Welding Brass Rod
- Welding Electrode
- Welding Electrode with Wire Drawing
- Welding Fluxes
- Wick Stoves
- Wick Stoves Stainless Steel
- Wind Mill
- Wind Screen Cleaner

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :  
**NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamla Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654  
 AN ISO 9001:2008 CERTIFIED COMPANY Mob.: 9811043595 Fax: 91-11-23841561 E-mail : npcs.india@gmail.com

## SELECTED PROJECTS FOR RIGHT INVESTMENT

- Wire Mesh (Hexagonal Square)
- Wire Nail
- Wire Nail/Wire Drawing
- Wooden Laboratory Furniture
- Zinc and Aluminium Anode Foundry Zirconium & Oil Industry
- MISCELLANEOUS PRODUCTS**
- Acetate Tow for Cigarette Filters
- Advertising Agency
- Agarbatti (Sticks)
- Agarbatti Manufacturing (Under KVIC)
- Air Taxi (12 Seater)
- Ammonia Gas Bottling Plant
- Amusement Park
- Amusement Park Cum Water Park
- Artificial Flowers
- Artificial Flowers (Paper & Cloth)
- Artificial Marble Tiles
- Asphaltic Roofing Sheet
- Auto Workshop/Garage & Service Station
- Automatic Book Binding Unit
- Automatic Match Box with Match Stick Wooden & Waxed Strips
- Bamboo Furniture
- Bamboo Sticks used for Agarbatti
- Bamboo Tooth Picks
- Bank (Private Sector)
- Bentonite
- Bentonite (Quarrying, Processing & Exporting)
- Bidi Manufacturing Unit
- Bone Crushing Plant
- Buttons from Cattle Hoves
- Buttons from Hoves & Horns
- Car-Leasing & Finance
- Cenosphere Processing
- China Clay Washing/Purification
- Chip Block (Compressed Wood)
- Cigarettes Unit
- Coal Mining
- Coal Washing Unit
- Cold Chain
- Cold Storage
- Cold Storage & Ice Plant
- Cold Storage for Fruits & Vegetables
- Cold Storage for Potato & Mahuwa
- Combine Coke
- Community Hall
- Composite Carbon Fiber
- Cricket Ball, Bat Culinary Institute
- Daily Need Stores
- Decorative Laminated Sheet (Sunmica)
- Departmental Stores
- Diamond & Gem Cutting & Processing Unit
- Diamond Cutting & Export
- Disposable Cigarette Gas Lighter
- Dry Cleaners
- Dry Cleaning and Laundry Unit
- Dry Dock
- Dry Flowers
- Expansion Joint Filler
- Fast Food Corner
- Fire Fighting Equipment, Chemicals & Refilling
- Fire Works
- Flush Door, Chip Board, Hard Board, Insulating Board
- Flush Door, Clip Board & Hardboard
- Games Parlour
- Gas Filling of L.P.G. Cylinder
- Gelatin Sponge
- Gems Manufacturing (Original)
- Golf Course
- Graphite Mining & Processing
- Handicrafts (Cane & Bamboo)
- Hard Board from Saw Dust
- Hawan Samagri
- Health Club & Beauty Parlour
- Health Club cum Beauty Parlour Cum
- Hair Saloon
- Heat Chamber Painting
- Hydrogen Gas from Methanol Cracking & Bottling of Hydrogen Gas in 6 Cum & 9 Cum Hydrogen Cylinders Mounted on Truck Trolleys using Hydrogen Compressors
- International Standard Laboratories
- Iron Ore Mining
- L.P.G. Cylinder Retesting Unit
- L.P.G. Cylinder Testing Centre
- Laminated Particle Board
- Laundry
- Laundry Unit
- Leasing Hire Purchase A/C
- Leather Finishing Unit
- Leather Tanning (Process Wet Blue)
- Local Area Bank
- Low Ash Metallurgical Coke Plant
- LPG Bottling Plant
- LPG Cylinder Bottling Plant
- LPG Storage (Tank Farm)
- Marketing Arrangement and Distribution Strategy of Wd-40
- Marketing of Gram Shilpa
- Match Box (Manual Process)
- Match Box Plant (Automatic)
- Mechanized Laundry
- Medium Density Fiber Board (MDF) Production with Lamination
- Melamine Crockery
- Metallurgical Coke Plant Coking Coal
- Manufacturing of Coloured Joint Filler used for Jointing Tiles
- Mineral Fillers for Application in Paint, Paper, Rubber, Plastic
- Mineral Wool
- Old Age Home, Orphan Children Hall & Dharamshala
- Paint Brush
- Particle Board & Block Board with Sanding and Laminating
- Petrol Pump
- Photo Lab. Cum Studio (100% Computerized)
- Plaster of Paris Bandages
- Plywood
- Plywood & Plyboard
- Plywood (Phenol Bonded)
- Power Laundry
- Pre Laminated Particle Board
- Puzzles
- PVC Joint Fillings
- Q.S.S. Colour Lab
- Quering of Lime Stone
- Rehabilitation Centre for Aged & Needy
- Rock Wool Based on Slag
- Rubber Wood Processing Plant
- Saw Mill
- Senior Citizen's Home
- Shellac Manufacturing
- Shoe Uppers
- Slaughter House & Beef Processing
- Slimming Centre & Health Club
- Snake Park
- Sport Shoe (Automatic Imported Plant)
- Sterilize Bone Meal
- Straw Board
- Stuff Toys
- Sunmica
- Synthetic Floating to Fishing Industry
- Synthetic Ruby and Sapphire
- Teak Wood & Meranti Doors—Solid & Semi-Solid Doors
- Tennis Ball
- Tennis Ball (Used In Playing Cricket)
- Timber (Wood) Seasoning
- Trading Business (Computer & Related Stationery)
- Trading Business (Import & Export Merchant)
- Trading Business (Rice, Salt, Dry Fruits)
- Trading Business (With Packaging Rice, Salt, Pulses)
- Travelling Agency
- Venetian Blind
- Video Film Studio
- Ware House
- Wind Mill
- Wonder Fuel (Gel Type)
- Wood Chips
- Wood Wool Industry
- Wooden Chips for Supplying to Paper Mills
- Wooden Doors & Frame
- Wooden Doors, Windows, Sheets, TV Cabinet
- Wooden Furniture
- Wooden Furniture with Mediocre Automation
- Wooden Furniture with Seasoning Plant
- Wooden Needles for Tooth & Wooden Spoon for Ice Cream
- Wooden Tooth Pick
- Wooden Tooth Picks
- Work Shop for Telco Truck
- PAPER & PAPER PRODUCTS**
- A4 Size Paper from Jamboos Rolls
- Absorbent Kraft Paper
- Amonia Paper
- Baby Wet Wipes & Facial Wet Tissue
- Bamboo Chips for Paper Mill
- Carbonless Paper
- Card Board Boxes & Cartons of Paper
- Card Board from Waste Paper
- Card/Gray Board from Pulp & Waste Paper
- Carton Boxes (Using Duplex Paper Board)
- Coated Paper & Board Art & Chrom
- Corrugated Board Box Plant (Printed & Laminated)
- Corrugated Boxes
- Corrugated Sheet Board & Boxes
- Craft Paper & Special Paper
- Craft Paper from Waste Paper
- Disposable Paper Plate
- Emery Sand Paper
- Exercise Note Book & Register
- Flexible Cartons, Sticker, Labels & Printing with Aluminium Foil
- Flute Paper from Waste Paper
- Hand Made Paper
- Hand Made Paper using Recycled Hand Made Paper
- Hard Board from Baggasse
- Kraft Paper & Mill Board from Waste Cartoon Boxes
- Kraft Paper from Waste Cartoon Boxes
- Manufacturing of Recycled Paper Products
- Mini Paper Plant
- Mini Paper Plant By Waste Paper
- Mini Paper Plant from Eucalyptus Wood
- Mini Paper Plant from Jute Sticks, Wheat Husk & Rice Husk
- Newsprint Paper from Rice Straw & Baggasse
- Paper & Paper Products
- Paper (E.C.G. & E.E.G.)
- Paper and Paper Board from Jute Sticks
- Paper Bags for General Use
- Paper Bags for White Cement
- Paper Bags from Waste
- Paper Board
- Paper Board Cartons
- Paper Cones & Tubes
- Paper Cones & Tubes (Automatic Plant)
- Paper Cups
- Paper Cups for Ice Cream
- Paper Envelops
- Paper from Baggasse
- Paper from Bamboo
- Paper from Rice Husk & Wheat Husk
- Paper from Shoot (Trunk) of Banana Plant
- Paper from Waste Paper
- Paper from Waste Paper, Bamboo Chips, Rice & Wheat Husk
- Paper from Wood Pulp & Bamboo
- Paper Manufacturing Plant (with Pulp from Bamboo, Wood & Grass)
- Paper Mill
- Paper Napkin Toilet Rolls, Facial Tissue & Printed Napkin
- Paper Napkin, Facial Paper & Toilet Roll from Tissue Paper
- Paper Napkins & Air Mail Paper
- Paper Plant (With Wood Chips & Pulp)
- Paper Plant by Hemp Processing
- Paper Plate with Silver Lamination
- Paper Plates
- Paper Shopping Bag
- Particle Board from Saw Dust
- Poly Coated Paper
- Printed Paper Shopping Bags
- Pulp from Bamboo & Wood
- Pulp from Wood, Bamboo and Grass
- Self-Sealing Paper Envelopes
- Silicon Release Paper
- Silicone Coated Paper
- Straw Board (Automatic Plant) from Rice Husk & Baggasse
- Sundry Board from Waste Paper & Pulp
- Tissue Paper
- Tissue Paper, Toilet Paper & Air Mail Paper Roll
- Tracing Paper
- Wall Paper
- Wood Pulp
- Writing & Printing Paper
- PAINTS, THINNER, NC THINNER, PRIMER, WALL PUTTY**
- CaCo3 Filled Master Batches
- High Temperature Thinner
- Industrial Paints
- N.C. Thinner
- Oil Based Paint
- Paint Industry
- Paints and Allied Products
- Resins for Nail Polish (Polycondensation Resin (Polyester, Alkyds) Epoxy Toyslamide Resin, Solvent Based Acrylic Resin
- Wall Putty
- Water Based Cement Primer
- Water Based Lacquers
- PESTICIDES, INSECTICIDES, MOSQUITO REPELLENTS, PHENYL, FUNGICIDES, HERBICIDES, BIO PESTICIDES, DISINFECTANTS**
- Aerosol Insecticide Spray
- Ayurvedic Gamaxane (Using Red Moong)
- Bagon Aerosol Spray for Mosquito, Insects
- Bagon Spray
- Biopesticide - Trichoderma, Pseudomonas, Fluorescens & Beauveria Bassiana
- Black Phenyl (RWC 5-6)
- Copper Oxychloride
- Cypermethrin from CMAC
- D.D.T. Powder
- Lysol Ip Grade (for Hospital use)
- Mosquito Coil (Automatic Plant)
- Mosquito Coil and Mats
- Mosquito Coils
- Mosquito Mats and Liquids
- Mosquito Repellent Agarbatti
- Mosquito Repellent Candle
- Mosquito Repellent Liquidator
- Mosquito Repellent Mats
- Mosquito Repellent Oil
- Mosquito Repellent Oil
- Pesticide Formulation
- Pesticides
- Pesticides/Insecticides

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :  
**NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kania Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654  
 AN ISO 9001:2008 CERTIFIED COMPANY Mob.: 9811043595 Fax: 91-11-23841561 E-mail: npcs.india@gmail.com

## SELECTED PROJECTS FOR RIGHT INVESTMENT

- (Technical Grade)
- Phenyl (Black & White)
- Phenyl Pine Oil Disinfectants
- Surfactants (Hand Wash, Floor Cleaner, Dish Wash Liquid, Toilet Cleaner, Phenyl Black & White, Glass Cleaner, Air Freshener)
- White Phenyl

### **PETROLEUM AND PETROLEUM PRODUCTS, REFINING, GREASES, LUBE OIL, BRAKE FLUID, AUTOMOTIVE & INDUSTRIAL LUBRICANTS, GEAR OILS, WAX & WAX PRODUCTS, PARAFFIN WAX, POLISHES, BITUMEN, LUBRICATING OILS**

- Anti-Static Lubricating Oil used for Polyester Fibre Spinning
- Batching Plant for Asphalt
- Bees Wax
- Bitumen
- Bitumen Emulsion Cationic Type
- Bituminous Felts for Water Proofing and Damp Proofing
- Brake Fluid (Dot 3 & 4)
- Brake Fluids (Dot-3 Type)
- Brake Oil, Coolant & Packaging of Lubricant Oil & Grease
- Break Oil
- Calcined Petroleum Coke
- Candle Making Plant (Semi Automatic)
- Candle Making Unit (Automatic)
- Carbon Black Oil of Tar
- Chlorinated Paraffin Wax (CPW)
- Coal Tar Pitch
- Coal Tar Pitch Distillation
- Coaltar Distillation
- Coloured Flamed & Perfumed Candles
- Coloured Flamed Candles (Red, Blue & Green)
- Compound Wax from Residual Oil
- Coolant & Brake Oil
- Coolant (Automotive) & Grease (CT 3/Axle)
- Crude Oil Refinery (Like Gasoline, Diesel, Jet Fuel, LPG, Kerosene & Bitumen)
- Cutting Oil
- Dearomatization of Kerosene Oil
- Feldspar
- Furnace Oil
- Grease & Lube Oil from used Engine Oil
- Grease Manufacturing
- Grease Manufacturing (Calcium, Lithium & Sodium)
- Grease used for Chassis
- Heavy Liquid Paraffin
- Jute Batching Oil
- Liquid Shoe Polish
- Lube Oil Blending Based on Imported Base Oil
- Lube Oil Blending from Mineral Base Oil
- Lube Oil Blending Plant (Engine Oil, Gear Oil & Grease)
- Lube Oil from CNSL Reduce Friction
- Lubricants Blending Plant (Lubricants/ Grease/ Break Fluid/ Coolant)
- Lubricating Oil & Greases
- Lubricating Oils & Grease (Blending of Lubricating Oil & Manufacture of Greases)
- Microcrystalline Wax from Sludge of Petroleum
- Microcrystalline Wax from Sludge of Petrochemical Refinery
- Mobile Oil (Lube) & Grease
- Mosquito Coil (Automatic Plant)
- Paraffin Charcoal Cabs from Paraffin Wax
- Paraffin Wax
- Poly Ethylene Wax
- Polyester Polyol Air Foam Mfg. By Using Petroleum Base as Raw

- Material
- Reclamation of Transformer Oil
- Reclamation of used Engine Oil
- Reclamation of used Engine Oil By Alkali Refining
- Reclamation of Wax Sludge for Mfg. of Microcrystalline Wax
- Refining of used Engine Oil for Making Base Oil
- Refining of used Lubricating Oil
- Re-Refining of Engine Oil, Transformer Oil & Hydraulic Oil By Thin Film Distillation
- Re-Refining of used Lubricating Oils
- Road Emulsion Bitumen or Modified Bitumen
- Shoe Polish
- Shoe Polish in Aerosol Filling
- Silicon Grease & Lubricants
- Sugar Cane Wax
- Transformer Oil
- Turkey Red Oil
- Vacuum Distillation of Crude Coal Tar (Specifically Creosote Oil)
- Washable Knitting Lubricating Oil
- Wax Floor Polish
- Wetting Oil (Textile Yarn Wetting Agent)
- White Oil from Kerosene Oil
- White Phenyl
- Wire Drawing Lubricants
- Wood Polish
- Zero Q & Pitch for Graphite

### **PHARMACEUTICAL DRUGS & FINE CHEMICALS**

- 16 DPA (16-Dehydroepinepholone Acitate)
- Active Pharma Ingredient (API)
- Adhesive Tape for Hospital Use
- Amoxycillin
- Ampicillin
- Ascorbic Acid
- Aspirin
- Baby Health Care Food & Milk
- Blood Collection Bags
- Bulk Drugs
- Camphor Tablets
- Ciprofloxacin
- Ciprofloxacin HCL
- Cloxacillin
- Cotton Buds/Swab
- Cough Syrup
- Dettol Like Antiseptic Lotion
- Dextrose (Monohydrous)
- Dextrose 5%
- Dextrose Anhydrous, Sorbitol, Vitamin C
- Dextrose Injction
- Dextrose Powder
- Dextrose Powder from Potatoes
- Dextrose Saline 5% 10% 25% Solution
- Dextrose Saline Solution in Plastic Bottles
- Disposable Baby Diaper
- Disposable Medical Syringes
- Disposable Needles for Syringes
- Disposable Plastic Syringes & Needles Tube Plant
- Distilled Water
- Empty Gelatin Capsules
- Gelatin from Bones
- Glucose Saline
- Homeopathic Sugar Globules
- Homeopathic Medicines
- I.V. Bottle (F.F.S. Technology)
- I.V. Fluid in Plastic Bottles
- I.V. Fluids
- I.V. Set
- Ibuprofen
- Implantable Surgical Suture (Bio Medical Textile)
- Injectables for Pharmaceutical
- Isabgol Husk
- IV. Fluid (FFS Technology)
- L-Ascorbic Acid (Vitamin C) from Lemons
- Liquid Glucose from Maize and Maize Oil
- Liquid Glucose from Potatoes

- Medical X-Ray Film Slitting & Repacking
- Medicinal Plant Extract
- Metrodiazole
- Mother Tincture & Bio Chemic Medicines
- Paracetamol
- Pentaerythritol
- Pharmaceutical Grade Sugar
- Pharmaceutical Manufacturing Unit
- Pharmaceutical Pellets & Granules
- Pharmaceutical Unit (Tablet & Capsules)
- Pharmaceutical Unit (Tablet, Syrup, Capsules)
- Pharmaceutical Unit (Tablets, Capsules, Liquid Oral, Ointment, Powder and Injection)
- Pharmaceutical Unit (Tablets, Syrup, Capsules, & Ointment)
- Pharmaceuticals (Biotech, Traditional & Generic)
- Salicylic Acid/Aspirin
- Saline and Dextrose Fluid (IV)
- Saline and Injection Water
- Sanitary Napkins & Baby Diaper
- Sorbitol, Maltilol & Dextrose Anhydrous & Vitamin C
- Starch, Liquid Glucose, Dextrose, Sorbitol
- Sulfameth-oxazoline
- Surgical Adhesive Tape on Cloth Surface
- Surgical Cotton & Bandage
- Surgical Suture
- Tablet, Capsules, Syrup & Lotion
- Tooth Brush & Tooth Powder/ Paste
- Tooth Paste & Tooth Powder
- Trimethoprim
- Veterinary Injectable Pharmaceutical Products (Liquid & Powder as per G.M.P.)
- Veterinary Medicines (Powder, Tablets & Capsules)
- Vitamin E

### **PLANTATION & CULTIVATION**

- Amla Plantation
- Aromatic Plants Cultivation & Processing
- Asparagus Cultivation & Processing (100% EOU)
- Banana Plantation & Its By Products
- Cardamom Cultivation
- Coconut Plantation
- Coffee Plantation
- Eucalyptus Tree Plantation
- Ginger Cultivation & Storage
- Herbal Medicinal Plant Cultivation & Processing
- Herbal Plantation (Medicinal)
- Maize Cultivation & Its By Products
- Mango Plantation
- Mustard Seed Cultivation
- Neem Plantation
- Palm Tree Plantation
- Papaya Cultivation
- Papaya Cultivation & Papain Manufacturing
- Plantation of Medicinal Plant & Herbs
- Poplar Plantation
- Rose Plantation & Rose Oil Extraction (Rose Essential Oil)
- Rubber Plantation
- Saffron Cultivation
- Shisham Plantation
- Tea Plantation
- Teak Plantation
- Teak Plantation By Tissue Culture
- Turmeric Plantation

### **POWER PROJECT & RENEWABLE ENERGY**

- Bio Gas Power Plant from Cow Dung
- Bio Mass Power Generation Plant

- Biogas Power Plant
- Captive Power Plant
- Captive Thermal Power Plant for Glass Industry
- Coal Based Power Plant
- Co-Generation Plant Bagasse Based (Power Plant)
- Co-Generation Power Plant 10 MW
- Gas Based Power Plant
- Gas Based Power Project (600 MW)
- Hydro Based Power Plant (15MW)
- Power Generating Unit from Agricultural Waste Heat Energy
- Power Generation from Agriculture Waste
- Power Generation from Garbage
- Power Plant (5 MW/Hr) By Agro Waste
- Power Plant (Hydro Based)
- Solar Cell (Photovoltaic Systems)
- Solar Cooker
- Solar Electrical Cell & Heating Panel
- Solar Energy Water Heater
- Solar Photo Voltaic System
- Solar Photovoltaic Power Plant
- Solar Power Plant
- Solar Pump
- Solar Thermal Power Plant
- Solar Water Heaters
- Thermal Power Plant 5 MW
- Wind Energy Power Project

### **PRINTING & PUBLISHING**

- Aluminium Printing Plates for Offset Printing Machine
- Aluminium PS (Pre-Sensitised) Plates
- Automatic Book Binding Unit
- Ceramic Transfers (for Printing on Ceramics)
- Computer Fams & Security Printing Press
- Daily News Paper Press
- Desktop Publishing (DTP)
- DTP Cum Offset Printing
- DTP, E-Mail, Internet & Leased Access for Commercial Purpose
- Exercise Note Book & Offset Printing Press
- Flexographic & Rotogravure Printing
- Flexographic Printing on Polyethylene
- Graphic Art Conversion & Packing
- Gravure Printing Cylinders
- Heat Transfer Label for Rubber
- Letter Press Printing Unit
- Metro News Paper
- Modern Advertisement Agency with DTP & Film Studio
- Multi Colour 8 Page Offset Printing Unit
- News Paper Publishing Unit
- Newspaper Printing
- Offset Printing [Mini]
- Offset Printing Press
- Offset Printing Press (2 Colour)
- Offset Printing Press Single Colour
- Offset Printing Press-4 Colour
- Photo Polymer Coating for Plate & Block Making
- Photo-Emulsion for Rotary Screen Printing
- Printing on Carton
- Roto Gravure Printing
- Screen Printing
- Treated Cloth for Abrasive
- Textile Printing (Pigment Binder)

### **RUBBER & PLASTIC INDUSTRIES, FRP PRODUCTS, POLYMERS, PET, PVC, LDPE, HDPE, POLYPROPYLENE, ACRYLIC AND POLYURETHANE**

- 100% Polyester Wadding
- ABS Granules

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :  
**NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamlia Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654  
 AN ISO 9001:2008 CERTIFIED COMPANY Mob.: 9811043595 Fax: 91-11-23841561 E-mail: npcs.india@gmail.com

## SELECTED PROJECTS FOR RIGHT INVESTMENT

- Acrylic Latex
- Acrylic Mirror
- Acrylic Resin (Emulsion Type)
- Acrylic Sheet
- Acrylic Sheet & Moulded Products
- Acrylic Sheet from Acrylic Waste
- Acrylic Teeth Manufacturing
- Acrylic Tiles (Extruded)
- Acrylic Yarn
- Air Bubble Packaging
- Auto Tubes
- Auto Tubes & Tyres for Scooter
- Automobile Tyres for Bus, Truck, Trolley
- Automobile Tyres, Tubes & Flaps
- Automotive Radial Tyre Plant for Car & Trucks
- Automotive Tyre Plant
- Bakelite Electrical Accessories
- Bakelite Moulded Products
- Bakelite Powder for Electric Goods & Pressure Cooker
- Bakelite Sheet (Fabric & Paper Base)
- Bakelite Sheet (Phenolic Sheet)
- Bare Polyester Film with Metalising & Coating Process
- Bicycle & Motor Cycle Tube
- Bicycle Tube & Motor Cycle Tube
- Bicycle Tubes
- Bicycle Tyres 4000 Pcs./8 Hr.
- Biodegradable Plastic Products (Bags, Plates & Glasses)
- Bio-Plastic Products
- Blood Bags
- Blood Collection Bags
- Blow Moulded Plastic Products
- Blow Moulding (Plastic Containers)
- BOPP Films
- BOPP Pressure Sensitive Self Adhesive Tape
- Butyl Reclaim Rubber
- Butyl Rubber (Polyisobutylene Rubber)
- Carbon Black from Waste Tyre Pyrolysis
- Centrifugal Rubber Latex Plant
- Closed Cell Nitrile (Silicones Rubber Insulation)
- Coating of Titanium Dioxide on Plastic Surface
- Coir Foam (Rubberised Coir)
- Colour Master Batches for Various Plastic
- Complex Unit (PET Preform from Pet Resin & Plastic Crates)
- Containers
- Conveyor Belting
- Cross-Linked Polyurethane Foam
- Cycle Tyres & Tubes
- Deck Wood (Wood & Plastic Composite used In Floor)
- Disposable Dishes, Knife, Fork & Cutlery)
- Disposable Examination Plastic Gloves
- Disposable Plastic Cup, Glasses
- Disposable Plastic Glass, Plates & Cups
- Disposable Plastic Syringes
- Epoxy Resin
- EVA (Ethylene Vinyl Acetate Sheet & Sole)
- Expanded Polystyrene Board
- Expanded Polyurethane Foam
- F.R.P. Boat Bui Iding
- F.R.P. Products (Fiber Reinforced Plastic Products)
- Fiber Reinforced Plastics (FRP)
- Fibre Glass
- Fibre Glass Industries – Chopped, Stand, Mats & Woven Roving
- Fibre Reinforced Plastic Pipes
- Fibre Reinforced Plastics
- Field Rubber Converted to the % Latex Rubber
- Flexible Office Furniture Systems
- Flexible Packaging with Gravure and Flexo Printing with Extrusion
- in 3/5/7 Layers
- Flexible Polyurethane Foam
- Floral Foam (Phenolic Foam)
- Floral Foam (Phenolic Foam) with Resin Manufacturing
- Foam & its Products
- FRP Auto Scooter Roofs/Ceiling
- FRP Doors
- FRP Sheet & Product
- H.D.P.E. Bags (Stitching)
- H.D.P.E. Film & Sheets
- H.D.P.E. Pipes
- H.D.P.E. Tarpaulins
- H.D.P.E. Woven Sacks/Stitching
- Hard Rubber Battery Container
- Hawai Chappal
- Hawai Chappal & Micro Cellular Sheet Manufacturing
- HD and PP Woven Sacks By Circular & Plain Looms with Lamination & Printing
- HD/PP Woven Sacks for Cement
- HDPE Container (All Purpose)
- HDPE Pipe & Fitting
- HDPE Pipes
- HDPE/PP Bags
- HDPE/PP Box Strapping
- HDPE/PP Woven Sacks Using Circular L o o m s
- HM-HDPE Blow Moulded Hoses (Air-Based-Welding Hoses & Pesticides Spray Pipe)
- Hydraulic Hoses and Clamping
- I.V. Cannula
- Industrial Gloves
- Injection Moulded Plastic Products
- Injection Moulded Plastic Goods with PVC Chappals
- Intra Venous (I.V.) Sets
- L.P.G. Gas Pipe
- L.P.G. Valves
- Latex Foam Rubber (Sponge Rubber)
- Latex Rubber Condoms
- Latex Rubber Thread
- Liquid Storage Tank
- LPG Rubber Tube (Pipe) Flexible
- Manufacturing of HDPE & LDPE Pipes & Fittings
- Mattresses, Cushion, Pillows
- Medical Disposable Business like Disposable Syringes & Needles (Preferably Self Destruction Type, Catheters, Mask)
- Medical X-Ray Film Slitting and Repackaging
- Micro Cellular Sheets (Rubber Sheets for Shoe Soles)
- Moulded Luggage
- Moulded Shoe & Hawai Chappal
- Muffler & Silencer Pipes for Four Wheeler
- Multi-Layer Co-Extrusion, 3-Layer Film with Lamination & Printing
- Neon Sign Board Nylon Fish Net
- Nylon, Polyester & Polypropylene Rope Making
- Nylone Zip Fasteners
- Optical Fibre
- P VC Doors
- Patches Tube Repairing Material
- PET Bottle
- PET Bottle from Pet Resin
- PET Bottles from Pre-Form PET
- PET Bottles/Containers
- PET Preform for Water and Carbonated Soft Drink with Closures (Caps for the Bottles)
- PET Pre-Form from PET Resin
- Plastic Buckets, Bottles & Doll
- Plastic Buttons from Polyester Sheet & R od
- Plastic Card (Smart Card, Credit Card, Discount Card)
- Plastic Cards (Smart Cards) Utilised as Credit Cards
- Plastic Collapsible Tube for Tooth Paste & Cream
- Plastic Collapsible Tubes & Printing
- Plastic Corrugated Sheet & Box
- Plastic Fan Guard (Automatic Plant)
- Plastic Felt
- Plastic Films & Sheet with Printing (Flexo & Roto)
- Plastic Granules from Scraps/ Waste
- Plastic I. V. Bottles
- Plastic Mats Extruding & Weaving
- Plastic Moulded Furniture
- Plastic Moulded Furniture (Chairs)
- Plastic Moulded Products
- Plastic Moulded Toys
- Plastic Office Products
- Plastic Plant (Blow Moulding & Injection Moulding)
- Plastic Processing Moulds
- Plastic Sequence
- Plastic Spectacle Frame
- Plastic Sutti
- Plastic Tooth Picks
- Plastic Toys
- Plastic Water Storage Tank (H.D.P.E.) (Syntax Type)
- Poly Propylene Measuring Cup
- Polyester Film
- Polyester Polyol Air Foam By Using Petroleum Base as Raw Material
- Polyester Resin
- Polyethylene Tarpaulin (PE Tarpauline)
- Polythene Bags
- Polythene Bags and Automatic Printing
- Polythene Pouches for Ghee, Butter, Milk and Oil
- Polythene Printed Bags
- Polyurethane Foam & Its Products
- Polyurethane Foam (Flexible)
- Polyurethane Pipe Section, Slab Panels, Rigid Foam, Moulding
- Polyurethane Product (Rigid & Moulded)
- Polyurethane Sheet and Pipes
- Polyvinyl Alcohol Film (Cold Water Soluble)
- Pouch Making Automatic Plant (for Namkeen, Spices, Mehandi, Milk, Ghee, Agarbatti and Zipped Pouches)
- PP Bottle
- PPR Pipes & Fitting
- Processing of Crude Rubber
- PU Foam (Polyurethane Foams)
- P.V.C. Conduit Pipe
- PVC (HDPE) Water Storage Tank
- PVC / HDPE Pipes
- PVC Bottles
- PVC Coating on G.I. Wire
- PVC Compounding
- PVC Compounds from PVC Resin
- PVC Conduit Pipe (Electrical)
- PVC Extrusion Profile (Wiring Channel)
- PVC Film
- PVC Flex Banner
- PVC Flex Banner (Frontlit, Backlit & Vinyl)
- PVC Flexible Pipe
- PVC Footwear
- PVC from Ethanol
- PVC Granules & Rigid Pipes
- PVC Granules, Film & Bag (Printed)
- PVC Hand Gloves
- PVC Hoses (For Irrigation Purposes)
- PVC Lining for Metal Crown Caps
- PVC Pipe & Fitting
- PVC Pipes
- PVC Profiles (Door, Window and Chairs) Decorative Accessories
- PVC Rexene Cloth
- PVC Rigid Film for Pharma & Thermo Forming Packaging
- PVC Section Hoses
- PVC Section Pipe
- PVC Sheet
- PVC Soles
- PVC Tube
- PVC Water Storage Tanks
- PVC Wires and Cables (Flexible)
- Reclaim Rubber
- Recycling of P.E.T.
- Rubber (Floor Mat) for Automobile
- Rubber Auto Parts
- Rubber Ball for Children
- Rubber Band
- Rubber Band (Disco Type)
- Rubber Baskets
- Rubber Belting (V - Belt)
- Rubber Compound for Automobiles
- Rubber Compound Toys (using Plaster of Paris)
- Rubber Floor Mat
- Rubber Hose Pipe & Rubber Glazing
- Rubber Hose Pipe Braided
- Rubber Hoses for Automobiles
- Rubber Lining & F.R.P. Lining
- Rubber Peptizing Agents
- Rubber Powder from Waste Tyres
- Rubber Process Oil
- Rubber Reclamation from Tyre and other Products
- Rubber Reclamation Industry
- Rubber Roller & Ebonite Roller
- Rubber Roller for Printing Machine
- Rubber Roller for Rice Mill
- Rubber Rollers
- Rubber Sheet
- Rubber Sheet for Automobile
- Rubber Sheet for Shoe Soles
- Rubber Solution
- Rubber Wood Processing Plant
- Rubberised Coir Mattresses
- Rubberised Cork Sheet
- Silicon Rubber
- Soft Luggage
- Surgical Disposable Manufacturing Unit
- Surgical Examination Gloves
- Surgical Suture Materials (Surgical Gut, Polyglactin, Polyglycolic Acid, Poliglecaprone, Polydioxanone, Nylon, Polypropylene Polyester)
- Synthetic Pearl Coating on Polystyrene Beads
- Synthetic Pollen
- Teflon Coating
- Teflon Tape
- Thermocol Moulded Products
- Thermocol Sheet
- Thermocol Sheet & Moulded Products
- Thermocol Moulding for Television Set
- Thermoforming Plant Disposable Glass, Bowles & Plates (Polystyrene as Raw Material)
- Tooth Brush
- Transparent PVC Blown Film (PVC Rolls) Used for Industry
- Treacle Rubber Used for Cold Process
- Tube Valves
- Tyre Retreading By Hot Process
- Tyres & Tubes for Bicycle & Rickshaw
- Tyres & Tubes for Scooter & Motorcycle
- Tyres Retreading By Cold Process
- Tyres Tubes for 2/3 Wheelers, Motor Cycle, Rickshaw
- Unsaturated Polyester Resin
- UPVC Pipes
- Waste Tyre Pyrolysis
- Water Proofing System (Polyurethane and Acrylic Based

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :  
**NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamla Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654  
 AN ISO 9001:2008 CERTIFIED COMPANY Mob.: 9811043595 Fax: 91-11-23841561 E-mail : npcs.india@gmail.com

## SELECTED PROJECTS FOR RIGHT INVESTMENT

• Wood Plastic Composite (WPC)  
• X-Ray Film  
**SOAP, DETERGENTS, LEANING POWDER, LAUNDRY CARE, FABRIC CARE AND WASH, HOUSEHOLD AND INDUSTRIAL**

**DETERGENTS, WASHING AND TOILET, LIQUID SOAPS, LIQUID DETERGENTS, ACID SLURRY**

- Acid Slurry By Manual Process
- Blue Detergent Powder
- Cleaning Powder (Vim Type)
- Detergent Cake & Powder
- Detergent Cake & Powder (Rin-Type)
- Detergent Cake, Detergent Powder, Dish Washing Detergent Cake and Powder
- Detergent Powder & Cake (Fena Type)
- Detergent Powder & Detergent Cake
- Detergent Powder (Fena Type)
- Detergent Powder (Nirma Type)
- Detergent Washing Powder (Ariel Type)
- Floor Cleaner
- Glass Cleaner, Floor Cleaner and Toilet Cleaner
- Glycerin Bath Soap (Pears Type)
- Hard Oil Soap
- Liquid Detergent
- Liquid Detergent for Wool
- Metal Polish Soap
- Soap Coated Paper
- Soap Noodles
- Softener (Cationic, Anionic, & Non Ionic)
- Toilet & Herbal Soap
- Toilet Closet Cleaner
- Toilet Soap
- Toilet Soaps (Alcohol & Animal Fat Free)
- Utensil Cleaning Bar
- Washing and Laundry Soap
- Washing Powder & Soap (Nirma Type)

**TEXTILE & TEXTILE AUXILIARIES, HOSIERY, SPINNING, JEANS, READYMADE GARMENTS, UNDER GARMENTS**

- Acrylic Blanket
- Acrylic Blanket for Warming for Human Coverage Purpose
- Acrylic Garments
- Acrylic Yarn
- Acrylic Yarn Dyeing
- Angora Rabbit Farming, Feed, Yarn from Wool, Mfg. of Shawls, Sweaters, Caps, Mufflers with Dyeing &
- Angora Rabbit Wool
- Baby & Adult Diaper & Sanitary Pads
- Baby Diaper
- Black Braided Silk (Non-Absorbable Surgical Suture)
- Blanket from Wool or Woollen Waste or Woollen Rags
- Bleaching (EOU)
- Brassieres & Panties
- Canvas Shoes
- Carding Cloth
- Carpet Weaving
- Chemically Water Proofing Process on Cotton Cloth Tarpaulin
- Children Knit Wear T- Shirt
- Cotton Buds/Swab
- Cotton Fiber from Waste Cloth
- Cotton from Waste Yarn
- Cotton Ginning & Pressing
- Cotton Yarn Dyeing
- Count Cotton Spinning Mill
- Denim Cloth
- Denim Cloth (Integrated Unit with Printing, Bleaching, Dyeing)
- Disposable Baby Diaper
- Dyeing of Hank Yarn for Power Loom
- Fiber from Banana Plant & Mfg.

- of Bags Like Jute Bags
- Furnishing Fabrics on Power Loom
- Geotextiles for Road & Construction
- Handker-Chief
- Handloom Products (Khes, Bedsheet, Bedcovers, Furnishing Cloth)
- Hosiery & Textiles Cloth Processing & Hosiery Garments Manufacturing (Composite Mill)
- Hosiery and Tailor Lables
- Hosiery Cloth (Cotton Cloth Processing Bleaching, Dyeing, Finishing)
- Hosiery Cloth Processing (Cotton)
- Hosiery Fabric Cloth from Cotton Yarn
- Hosiery Industries (Banian & Underwear)
- Hosiery Industry
- Hosiery Industry (Ganji, Baniyan, Underwears)
- Hosiery Products (Like T-Shirt, Knitwear and Acrylic Yarn)
- Hosiery Products Like Vests, Briefs, TShirts & Nylon Cotton Knitting
- Integrated & Composite Textile Unit 1. Cotton Ginning & Processing Plant 2. 19000 Spindles Spinning Mill to Feed Cotton Weaving Mill To Mfg. Grey Cotton Fabric (Including Carding & Combing)
- Integrated Unit of Textile Mill and Readymade Garments
- Jacquard Fabrics
- Jeans and Jackets (Denim)
- Jeans Cotton's Casual & Shirts
- Jeans, Shirts & Trousers
- Jute Yarn, Sutti & Hessian Cloth Weaving (Integrated Unit)
- Knitted Fabric
- Ladies Under Garment (Bra & Panty)
- Mattress/Bedding (Automatic Machine)
- Mfg. of Jeans, Trousers, T-Shirts, & Kids Garments
- Neck Tie
- Non-Woven Carpets Cladded with Polyester Fibre
- Open End Spinning Mill
- Polyester Yarn from Waste
- Polypropylene Multifilament Yarn
- Printed Shopping Bags
- Ready Made Garment (EOU)
- Readymade Garment (Trousers)
- Readymade Garments & Hosiery
- Readymade Garments for Children & Teenage Sigments
- Readymade Salwar, Suit (Ladies)
- Sanitary Napkin (Low Investment)
- Sanitary Napkins
- Sanitary Napkins & Baby Diaper
- Sanitary Napkins (Imported Automatic Plant)
- Sanitary Pads/Napkins
- Sewing Thread Reels and Balls Making Industry
- Shirts (Woven) & Jeans Unit
- Shoe Laces
- Silk Realing Unit
- Socks Knitting [EOU]
- Spinning & Carding of Wool in to Yams
- Spinning Mill
- Surgical Absorbent Cotton (P P Grade)
- Surgical Bandages
- Surgical Cotton
- Surgical Cotton & Bandage
- Tags for Readymade Garments
- Terry Towels
- Textile Bleaching, Dyeing and Finishing
- Textile Carpet Woollen Dyeing
- Textile Dyeing & Printing Mill
- Textile Dyeing Auxiliaries
- Textile Fabric Coating By LDPE

- in One Side with Embossing Textile Fabric with Sides Coating By LDPE
- Textile Printing (Pigment Binder)
- Textile Weaving Plant
- T-Shirts & Baniyans
- Undergarments (Men & Women)
- Underwear Garment Ganji, Jangia
- Viscose Filament Yarn
- Viscose Rayon
- Viscose Rayon Yarn from Cotton Linters
- Woollen Dyeing
- Woollen Hosiery
- Woollen Sweaters
- Zari Yarn

**WASTE MANAGEMENT AND RECYCLING, INDUSTRIAL WASTE MANAGEMENT, AGRO WASTE, MUNICIPAL GARBAGE, PLASTIC, PAPER, METAL, IRON, GLASS, RUBBER, E-WASTE RECYCLING, MEDICAL WASTE RECYCLING**

- Acrylic Sheets from Acrylic Scraps
- Activated Carbon from Rice Husk, Saw Dust
- Basic Chromium Sulphate from Waste Sulphur Dioxide
- Bio Coal Briquettes from Agriculture
- Bio Fertilizer from Cow Dung & other Waste
- Biomass Briquettes from Bio Waste
- Bricks from Fly Ash
- Bricks from Stone Dust
- Caffeine from Tea Waste
- Carbon Black from Fertilizer Waste
- Cellulose Powder from Cotton Linter (Waste of Cotton)
- Cement from Rice Husk
- Charcoal Powder from Rice Husk
- Coir Pith
- Copper Ash/Copper Ingot from Copper Waste
- Cotton from Waste Yarn
- Depolymerisation of Waste PET Scrap
- E-Waste Recycling Plant
- Extraction of Lead from Lead Waste
- Flute Paper from Waste Paper
- Fly Ash Beneficiation
- Gelatin from Bones
- Hard Board from Bagasse
- Kraft Paper from Bagasse
- Kraft Paper from Waste Carton Boxes
- Lead Battery Recycling
- Lead Recovery from Scrap Battery
- Lead Recycling (Smelting & Refining)
- Manufacturing of Recycling Paper Products
- Mini Paper Plant from Waste

- Paper
- Municipal Garbage Treatment Plant
- Municipal Solid Waste Management
- Nickel Catalyst of Vanaspati Industries
- Nicotine from Tobacco Waste
- Ossein from Bones
- Oxalic Acid from Paddy Husk
- Oxalic Acid from Saw Dust
- Oxalic Acid from Vegetable Waste
- Paper from Waste Paper
- Particle Board from Agro Waste & Sugarcane Bagasse
- Particle Board from Jute Waste
- Particle Board from Rice Husk
- Particle Board from Saw Dust
- Pectin from Orange/Lime Peels
- PET Bottles Recycling (PET Bottles from PET Scrap)
- Plastic Granules from Plastic Waste
- Polyester Yarn from Waste
- Pre-Laminated Particle Board from Rice Husk
- Reclamation of Automobile Batteries
- Reclamation of Nickel from Spent
- Reclamation of Rubber
- Reclamation of Transformer Oil
- Reclamation of used Bleaching Earth
- Reclamation of used Engine Oil
- Reclamation of Wax Sludge from Manufacturing of Micro-Crystalline Wax
- Reconditioning of Empty Cement Jute Bags
- Reconditioning of Fluorescent Tubes
- Reconditioning of Oil Drill Rods
- Reconditioning of Picture Tube
- Recovery of Nylon from Nylon Waste
- Recovery of Silver from Waste fixer Bleach Obtained from Photo-Color Lab & XRay Film, Cinema Film & Waste Hypo Solution By Sulphide Process
- Recovery of Silver Nitrate from Photographic Waste Fixer
- Recovery of Zinc Metal from Zinc Ash
- Recycling of Cellulose Acetate
- Recycling of Computer Waste
- Recycling of Polythene and other Products
- Recycling of PVC Scrap
- Refining of Used Lube Oil
- Rubber Powder from Waste Tyres
- Silicone from Rice Husk
- Silver Extraction from Waste Hypo Solution
- Sodium Hydrochloride from Waste Chlorine Gas
- Sundrid Board from Waste Paper & Pulp

## SELECTED PROJECTS FOR RIGHT INVESTMENT

percentages annually for the past decade. In North America, the WPC market has been dominated by rail and decking products while in Europe more emphasis has been placed on automotive applications. In China and other parts of Asia, the WPC market is beginning to experience considerable growth along with a wider variety of product offerings including pallets, doors, and architectural moldings.

### COST ESTIMATION

Capacity	: 1152 MT/Annum
Plant & Machinery	: 75 Lakhs
Cost of Projects	: 288 Lakhs
Rate of Return	: 43%
Breakeven Point	: 5%

*Continue on page 34*

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact :  
**NIIR PROJECT CONSULTANCY SERVICES** 106-E, Kamla Nagar, Delhi-7. Ph: 91-11-23843955, 23845886, 23845654  
 AN ISO 9001:2008 CERTIFIED COMPANY Mob.: 9811043595 Fax: 91-11-23841561 E-mail : npcs.india@gmail.com

## BOOKS FOR SELF EMPLOYMENT, UNEMPLOYED YOUTH, ENTREPRENEURS, SMALL, HOME, COTTAGE, BUSINESS/PROJECTS, CANDLE MAKING, FASHION & EXPORT GUIDELINES



### Just for starters How to start your own export business (3rd Ed.)

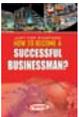
The uniqueness of this book is that it furnishes in a lucid manner various steps, incentives and facilities relating to export business. Essential factors for successful exporting, preliminaries for starting export business, registration for exporters, sending samples, procurement of license, processing of export orders, appointment of overseas agent etc. ensure good beginning for the new entrants in the export business and many more. ISBN:978-93-81039-04-5 Price: **₹525 US\$75**



### Fashion Technology Hand Book

Fashion leads the world & it will continue to do so though times. Human can not be ever segregated from fashion. With the advancement of new age we envisage tremendous change. We also see for the career boom of young designers are always in search of course way in which they can be explained the requirement and stages in which to work. This book helps to find place in such students shell who want to have an insight to the techniques of designing. ISBN:8178330970

Price: **₹325 US\$50**



### Just for Starters How to Become a Successful Businessman 3rd Rev.Ed.

The book contains introduction, steps in setting up an SSI, Registration/ License for SSI, Resourcing, Technical Know-How, Foreign Collaboration, Marketing, Lessons from experience, Policies and programmes for rural development, Prime Minister Rozgar Yozna, Rural Woman Entrepreneurship in India. Bright prospects, Industrial Innovation by small and medium Sized Enterprises, Indian Small industry, Organisation, Supporting Entrepreneurship, development in India, directory Section etc. ISBN:978-93-81039-03-8 Price: **₹475 US\$75**



### Start Dreaming—Start Your New Business

The small industries sector plays a vital roll in the industrial development of the recent globalization process. Any unit or new entrepreneur, establishing or implementations the project needs finance for long term. This book will help you to handle all aspects of running your own business. This very useful book for new entrepreneurs. You will see how your dream to be your own boss become a reality. ISBN:8178330458 Price: **₹400 US\$50**



### What No one Ever Tells You about starting Your Business-Facilities and Procedures for Entrepreneurs

The Government had announced series of steps to promote industrial development by way of rationalization of the policies to encourage the new entrepreneurs as well as existing units. This book is a unique guideline for those who are looking for starting a new business and wants to start some industry with help of different concerned departments. It also covers the export guidelines. We are confident that this book will prove to be the important guideline for new entrepreneurs. ISBN:8178330474 Price: **₹400 US\$50**



### Just for Starters : Selected Projects to Start with 15,00,000

The first and paramount problem faced by an entrepreneur is "WHAT TO PRODUCE"? Academic qualification are not prerequisites for setting up a successful industry. It is necessary for the entrepreneur to have qualities like ability to plan, Maintain good public relation, Reasonable risk taking capacity and of course have adequate financial resources. The first step towards setting up an industry is the identification of product and feasible position line after a thorough study of the market for the product, its demand and supply position, People's changing attitudes, Competition in the line, Method of distribution etc. This book is meant to help new entrepreneurs in product identification along with market survey studies, cost estimation, profitability calculation and various other aspect. Although guidance is available from the various promotional agencies, Consultants etc., the initiative and zeal for setting up of industrial venture must come the entrepreneur himself. ISBN:8178330237 Price: **₹475 US\$50**



### Just For Starters : Selected Projects to Start with 30,00,000

The small scale enterprise sector is a dynamic vibrant segment of the Indian Economy. By march-2000 this sector accounted for 40% of the industrial production, 35% of the total exports and provides employment to over 17 million through over 3 million small enterprises across the country. These small Enterprises manufactures a wide range of more than 7500 products, ranging from inexpensive consumer goods and services to technically advanced products, meeting requirements of sophisticated industries and consumed in India and abroad. This sector is the nursery for the development of entrepreneurial talent and has grown into an important component of the production chain. As this sector moves ahead our Government is proactively assisting in three major thrust areas "Technology, Marketing and Credit", and Government has set up an elaborate support for promotion of small, cottage and informal industries. This book give an insight to the products to start with in order to become a part of this growing section of industries with their plant machinery, Raw material requirements as well as market and manufacturing details. ISBN:8178330229 Price: **₹475 US\$50**



### The Complete Technology Book on Candle Making Designs

Candle making is a very flourishing industry in modern times owing to the versatile use of candle on various occasions and ceremonies. Candle are prepared by well established methods in multifarious fascinating colours, designs and shapes. This is one of the unique book deals ostensibly with different candle making process viz. Dipping, Pouring, Moulding or Casting and Drawing, delineating their technicalities in most illustrious manner with pictorial representations. Finally, the book concludes with directory section giving addresses of raw materials, plant and machinery suppliers. ISBN:81-86623-66-3 Price: **₹650 US\$100**



### Select & Start Your Own Industry (4th Rev.Edn.)

The book contains more than 4500 projects with their installed capacities, cost of projects, rate of return etc. This is very helpful book for those who want to diversify or start new industry. ISBN:978-93-81039-15-1 Price: **₹475 US\$50**



### 50 Best Home Businesses To Start with Just 50,000

The most authentic and detailed book containing 21st century's most profitable businesses. The writer has collected important data from many research reports renowned all over the world. In today's context the given businesses have tremendous future prospects. An entrepreneur with a petty amount of Rs.50,000 can start any of businesses given in the present book. A must for all entrepreneurs, students, housewives, unemployed youth, libraries, consultants, schools, universities, education institutes, industries, information centers etc. ISBN:978-81-7833-098-3 Price: **₹425 US\$75**



### Profitable Small, Cottage & Home Industries

The identification of a suitable project within the investment limit of a new entrepreneur is very difficult. The present book strives to meet this specific entrepreneurial need. The book contains processes formulae, brief profiles of various projects which can be started in small investment without much technical knowledge at small place. This very useful publication for new entrepreneurs, professionals, libraries etc. ISBN:8178330636 Price: **₹800 US\$100**



### Grow Rich by Starting Your Own Business

The contents of this book will guide you, step by step, to get your business up and running. You will see how to choose a business that is right for you and find the fund you need to begin and support it. This book will help you how to handle all aspect of running your own business setting up your office, marketing your product or service, getting the help your cash flow and collection, adding employees to expand more, fighting the defaulting customers and more. And you will also find out the challenges and opportunities that running a new business of your own present. You will see how your dream to be your own boss becomes a reality. ISBN:8178330903 Price: **₹325 US\$50**



### 50 Project to Start With 5,00,000

The book has been written for the benefit of small entrepreneurs who do not wish to invest large amount and case has been taken to present the matter in a very simple and comprehensive language so that person without much technical background can grasp the subject easily. More than 50 profitable products have been included in this book with brief project profiles, processes, addresses of machinery and raw material suppliers. This is very helpful book for new entrepreneurs, consultants, libraries etc. ISBN:978-81-7833-060-0 Price: **₹475 US\$75**

### Best Businesses You Can Start With (almost) No Cost

When we think of starting a business our main headache is arranging the funds for it. Though we do not know exactly how much we need for a business we want to start. As such there are hundreds of small business which we can just start without worrying for a heavy investment. In the present book many small businesses have been discussed which you can start with almost no cost. Also many more important information, in regard to the government and nongovernment organisations that support entrepreneurship development in our country, have been given. Undoubtedly, this book is a gateway leading you to become your own boss. ISBN:8178330899 Price: **₹325 US\$50**



### Secrets For Making Big Profits from Your Business with Export Guidelines

The purpose of this book is to enrich the people with an understanding of the entrepreneurial process. There is no presumption, however, that entrepreneurship can be "taught," because entrepreneurs have their own peculiar way of doing things. Yet it is possible to help them to better prepared for transforming dreams in realities. Consequently the book is organized to explore the nature of entrepreneurship, provide models for new venture creation and describe way to help entrepreneurs succeed. The book contains different parameters, procedures and facilities provided by central and state Govt. The book can prove to be useful compendium for any body wanting to setup a small scale unit. ISBN:8178330466 Price: **₹400 US\$50**



### Opportunities For Women Entrepreneurship (with Project Profiles) 2nd Edition

To empower women entrepreneurship, we have released this book which contains number of project profiles suitable for women entrepreneurs. Projects covered in this book are pickles, murabbas, squashes, spices, soy bean bariyan, pam nasala, readymade garments, socks knitting and many more. This book will be helpful to those women who want to succeed in their life & dream of moving a step closer of being self dependent. ISBN:9788178330587 Price: **₹575 US\$50**



### Just for Starters : Select Projects to Start with 35,00,000

The economic environments going to be more and more responsive to enterprising activities and tremendous potential is likely to enhance for the development of small-scale sector at all level of investment. This book provide technical assistance and special guidance to the entrepreneurs in identifying projects to be started with in Rs.35,00,000. he book contains processes, project profile, raw material and machinery list with the addresses of their suppliers. The book is very helpful for entrepreneurs, consultants, institutional libraries etc. ISBN:8189579002 Price: **₹475.00 US\$50**



### लघु व कुटीर उद्योग (सॉल स्केल इण्डस्ट्रीज)

यह पुस्तक उन नये एवं प्रथम पीढ़ी के उद्योगियों की आवश्यकताओं को ध्यान में रखकर लिखी गयी है जिन्हें औपचारिक औद्योगिक प्रशिक्षण प्राप्त नहीं है और लाभकारी परियोजनाओं के कार्यान्वयन हेतु प्रवृत्त हैं। इसके अतिरिक्त लघु उद्योगपतियों, व्यवसायिकों, तकनीकी परामर्शदाताओं आदि के लिए भी यह पुस्तक बहुत सहायक सिद्ध होगी। विभिन्न उद्योगों को उत्पादन विधि, मशीन, उपकरण एवं कच्चे माल की जानकारी तथा उनके मिलने के पते, लागत, लाभआंश आदि इस पुस्तक के विशेष आकर्षण हैं। ISBN:8186623566 Price: **₹650 US\$100**



### लघु एवं गृह उद्योग (स्वरोजगार परियोजनाएं)

लघु उद्योगों का कृषि भी राष्ट्र की प्रगति में सर्वाधिक योगदान रहा है। जो पीढ़ी जिसे औपचारिक औद्योगिक प्रशिक्षण प्राप्त नहीं है, और कोई लाभकारी उद्योग लगाना चाहती है। उनकी आवश्यकताओं को ध्यान में रखकर यह पुस्तक लिखी गई है। नये उद्योगियों के लिए यह पुस्तक एक अमूल्य मार्गदर्शक सिद्ध होगी। उपलब्धता, लागत, लाभ आदि विवरण इस पुस्तक में दिये गये हैं। ISBN:8186623868 Price: **₹600 US\$100**

**SELECTED PROJECTS FOR RIGHT INVESTMENT**

## PVC Banners (Frontlit, Backlit & Vinyl)

PVC flex is made out of PVC and fabric raw material, specially designed for solvent printing industry. It is suitable for indoor and outdoor printing used in billboard, display, banners and exhibition booth decoration. PVC Flex is best to all Digital printer specially designed for Indian market. Due to stable chemical character and excellent ink absorbency, PVC Flex will bring wonderful digital printing images for large format picture advertisements. In virtue of the high classic quality and best sales service, nowadays PVC Flex is playing an important role in signage & Banner Advertising industry.

This market is booming with 25-30% annual growth and is worth around Rs 500-600 crore. Our products will surely take the market by storm. Being based in

India, we'll provide the best after sales support and assistance to our clients. This will consequently affect the Korean and Chinese markets in India, as our products would have an added advantage of local presence.

## Onion Powder

Onion powder is made by dehydrating onions and grinding them down to a fine powder. It is a common seasoning and a component of spice mix. Onion powder replaces the taste of onions when used in recipes. The powder can be combined with other herbs and spices to create rubs, spice mixes, drinks and dressings. Applications include pasta, pizza, and grilled chicken. It is a common component of seasoned salt. Non-availability of onion during off-season creates major problem in the market and causes price fluctuations, which directly affects the consumer. Hence, their processing and availability during this period commands premium.

With growing incomes, changing lifestyles and hectic daily schedule, market for dehydrated onion is growing especially in urban areas. The dehydrated onion processors in India are

expanding their capacities significantly to meet the fast growing global demand. Many units are increasing their production capacity to fulfill the increasing demand of cold-weather countries like Germany, France, the US, the UK and South Africa. The entry of multinational companies into snack food business has also pushed the demand for dehydrated onions. The boom has also seen a few units from surrounding parts going in for expansion.

COST ESTIMATION	
Capacity	: 18000 Sq. Mtrs./Day
Plant & Machinery	: 236 Lakhs
Cost of Projects	: 455 Lakhs
Rate of Return	: 26%
Breakeven Point	: 54 %

COST ESTIMATION	
Capacity	: 1380 MT/Annum
Plant & Machinery	: 70 Lakhs
Cost of Project	: 409 Lakhs
Rate of Return	: 25 %
Breakeven Point	: 62 %

## ALCOHOLIC AND NON-ALCOHOLIC BEVERAGES (FRUIT JUICES, WHISKY, BEER, RUM AND WINE)



The Complete Technology Book on Alcoholic and Non-Alcoholic Beverages (Fruit Juices, Whisky, Beer, Rum and Wine)  
₹ 2575/- US\$ 200



The Complete Book on Wine Production  
₹ 2275/-  
US\$ 200

Market Survey Cum Detailed Techno Economic Feasibility Report on Required Projects can be had from



**Niir Project Consultancy Services**

AN ISO 9001:2008 CERTIFIED COMPANY

106-E, KAMLA NAGAR, DELHI - 110007 (INDIA)  
Ph: 91-11-23845886, 23843955, 23845654 M. 9811043595 Fax: 91-11-23841561  
E-mail : npcs.india@gmail.com • Website : www.niir.org

**G-3/DL (N)/114/2015-2017  
U(DN)154/2012-14**

# ENTREPRENEUR INDIA

*An Industrial Monthly Journal  
on Industrial Development  
Technologies & Project  
Opportunities*

### SUBSCRIPTION RATES

#### FOR INDIA

Single copy	₹ 20.00
One year	₹ 220.00
Three Years	₹ 600.00

Plus ₹ 50/- for outstation cheques. DD/Cheques to be drawn in favour of Entrepreneur India.

#### FOR OVERSEAS

Single Copy	US \$	5
One Year	US \$	50
Three Years	US \$	125

Project Reports included in this issue were prepared on the basis of data available at the time of preparing these reports. With the passage of time there might be variations in data. Entrepreneurs are requested to update the data before venturing into any project discussed herein. However efforts has been made to give correct information even then no guarantee can be given about the authenticity of the matter. All disputes are subject to Delhi Jurisdiction only.

### PUBLISHERS :



**Niir Project Consultancy Services**  
AN ISO 9001:2008 CERTIFIED COMPANY

Marketing Associate of

**NATIONAL INSTITUTE OF  
INDUSTRIAL RESEARCH**

AN ISO 9001 : 2000 COMPANY  
(Dedicated to Global Industrial Development)

106-E, KAMLA NAGAR,  
(Nr. Delhi University), DELHI-7 (INDIA)  
Ph.: 91-11-23843955, 23845886, 23845654  
Mobile : 9811043595 Fax : 91-11-23841561  
E-Mail : npcs.india@gmail.com, info@niir.org  
Website: www.niir.org

### PUBLISHING ASSOCIATES :



**Asia Pacific Business Press Inc.**  
AN ISO 9001 : 2008 CERTIFIED COMPANY

# BOOKS ON RUBBER, FIBER/OPTICAL GLASS, PLASTIC, POLYMERS, PETROLEUM GREASES, PETRO CHEMICALS, WAX, POLISHES & CHEMICAL INDUSTRIES

## Modern Technology Of **Industrial Chemicals**

In modern age Chemical Industries have permeated most extensively in comparison with other industries, and are progressing at a very rapid pace. This book elucidates chemicals which have good market potential. This book deals with manufacturing processes with reaction, technical details, equipments involved in processing etc. **₹1100 US\$125**

## The Complete Technology Book On **PESTICIDES, INSECTICIDES, FUNGICIDES & HERBICIDES WITH FORMULAE & PROCESSES**

Pesticides, Insecticides, Fungicides and Herbicides are used in agriculture, forestry, animal husbandry, commercial centers and houses for the pest control. During last 35 years, consumption of these products has increased manifold and industries are coming up throughout the world due to its increasing demand. The book contains formulae, processes of different types of pesticides, insecticides, fungicides and herbicides. **₹1100 US\$125**

## The Complete Technology Book on **FINE CHEMICALS**

Fine chemicals are the chemicals which are produced in comparatively small quantities and in relatively pure state. Fine chemicals correspond to a distinct segment of the chemical industry, including low tonnage molecules (typically 10-20 Kt.) Pharmaceutical and Biological Products, Perfumes, Photographic Chemicals and Electronic Grade reagents are examples of fine chemicals. High purity reagents (99.999999% pure) are also classified as fine chemicals. Globally, the fine chemicals industry continues to be very fragmented in spite of some consolidation, partly due to the limited impact of economy of scale on the business. While, fine chemicals do offer limited albeit real opportunities for product differentiation, in contrast to commodity chemicals, they are unlike specialities, which offer much larger scope for standing out due to an enhanced contribution of technical services and application know how. **₹1100 US\$125**

## The Complete Book on **Distillation and Refining of Petroleum Products**

The most dynamic industry of the century is the petroleum and petrochemicals industry. It has taken the fundamental knowledge of chemistry and chemical engineering and transformed itself from a simple processing industry for fuel and lubricants to an extremely complex chemical process industry which has branched out into synthetic rubber, plastics, fertilizers and many other fields. The book presents Practical information and data which will help oil companies, large scale users of commercial petroleum products in efficient storage, handling and utilization of these products. Different formulae, processes for the production of petroleum products are given in this book. **₹975 US\$100**

## Handbook of **Fine Chemicals, Vitamins, Amino Acids and Proteins**

The aim of this book is to present in a single volume an up to date account of the manufacture of Fine Chemicals, Vitamins, Amino Acids and Proteins. The book includes several new information which comprise important threads in the industry's total fabric. This book contains the constitution and synthesis of the Amino Acids, the Isolation of the Amino Acids from Proteins, the preparation of Amino Acids and Proteins, Vitamins and Fine Chemicals with Method of analysis and reactions etc. **₹1450 US\$150**

## **DRUGS & PHARMACEUTICAL TECHNOLOGY HANDBOOK**

India has come a long way in the field of manufacture of Drugs and Pharmaceuticals. From a country importing more than 95% of its requirement of Drugs and Pharmaceuticals, India now is exporting it even to developed countries. The modern Indian Pharmaceutical Industry is recent and its foundation was laid in the beginning of the current century. The pharmaceutical industry can be broadly categorized as Bulk Drugs, Formulations, IV Fluids and Pharmaceutical Aids (such as medical equipment, hospital disposables, capsules, excipients etc). Special feature of the pharma industry is a large number of manufacturers in the small scale sector. The government is also encouraging the SSI sector providing some incentives. **₹1075 US\$125**

## The Complete Book on **Medical Plastics**

The use of plastics in health care field encompasses several distinct markets. Plastic is used on a large scale as medical devices like disposable syringes, optical and dental products, heart valves, contact lenses and many more medical products. This way plastic has very importance in making medical devices. The present book contains the important information of plastics in medical field and their uses in various ways. **₹975 US\$100**

## The Complete Book on **Rubber Processing and Compounding Technology**

Rubber products industry is an important resource based industry sector in India. Over the last decade the rubber industry has witnessed a steady and strong growth. Rubber can be deformed to a high degree of strain in a reversible manner and this special property finds use in fields as diverse as transportation, material handling, health care, and sport and leisure activities. The book covers manufacturing processes of rubber products, compounding of rubber, quality assurance, applications etc. **₹1575 US\$150**

## The Complete Technology Book on **Plastic Extrusion, Moulding and Mould Designs**

There are fundamentally two different methods of extruding film, namely, blown extrusion and slit die extrusion. The design and operation of the extruder upto the die is the same for both methods. The moulding process is one of the most important plastic processing operations. It is an important commercial process whereby a resinous polymeric compound is converted into useful finished articles. The origin of this process is dates back about a century to the invention of a plunger type machine. The moulds have its own importance, which give the required shapes of the products. The book covers manufacturing processes of extruded and moulded products with the various mould designs. **₹1000 US\$100**

## The Complete Technology Book on **Fibre Glass, Optical Glass and Reinforced Plastics**

Although many natural materials were used in the past by man, answering his instinctive urges to prevent heat loss from or entry into his dwellings, no material in modern technology has satisfied the all around requirements as has fiber Glass. Fiber glass, Optical glass and reinforced plastics have important applications and uses in the making of various products. The present book contains processes and other valuable information for fiber glass, optical glass and reinforced plastics. **₹1275 US\$125**

## The Complete Technology Book on **Plastic Films, HDPE and Thermoset Plastics**

Plastic Films, HDPE and Thermoset Plastics are now an accepted part of the industrial and domestic scenes but this growth has been comparatively recent. The major applications of HDPE are in the manufacturing of containers, pipes, house wares, toys, filament, woven sacks, film, wire and cable insulation. Thermoset is a polymeric material which can be formed by the application of heat and pressure, but as a result of a chemical reaction permanently cross links and cannot be reformed upon further application of heat and pressure. The present books offer an upto date overview of the processing of plastic films, HDPE and thermoset plastics. **₹1175 US\$125**

## Modern Technology of **PLASTIC PROCESSING INDUSTRIES** 2nd Ed.

This book covers thermosetting, thermoplastic materials and products environment health and future prospects. All plastic and allied products presenting with latest technology, development and manufacturing process including with some profitable plastic product profiles. A part from this, directory section is also included in manufacturers of plastic processing machinery and raw material suppliers with Tel. and Fax Nos. **₹975 US\$100**

## HAND BOOK ON **BIO-DEGRADABLE PLASTICS (ECO-FRIENDLY PLASTICS)**

Waste Plastics suffocated soil clog drainage and load to whole lot of ecological problems, they have debilitating effects on ecology. This is the first book of its kind which give the complete information about bio-degradable plastics. **₹600 US\$100**

## **POLYMERS AND PLASTICS TECHNOLOGY HANDBOOK**

The book has been designed with the idea of blending and integrating basic polymer science and the technology of plastics into a composite structure. This book is an outcome of an endeavour in the direction of polymer and plastic processing. **₹750 US\$100**

## Modern Technology of **Plastic & Polymer Processing Industries**

This book offers, in a standardized and readily accessible information on the synthesis, structure, properties and applications of the most important polymeric materials. It has been designed as a text giving a balanced coverage of the science and technology of polymers finding major applications a plastics. **₹750 US\$100**

## The Complete Technology Book On **Chemical Industries**

This book should be of great value to young chemical engineers and chemists who are just entering the field but those already practicing will find much of interest and use for broadening their insight in to fields in which they are only marginally informed. It is hoped that this book will aid to young engineers, chemical civil, mechanical and electrical as well as chemists, in understanding the value of chemical, the type of problems met in their production and method for solving these problems. **₹975 US\$100**

## Modern Technology of **Petroleum, Greases, Lubricants & Petrochemicals** 2nd Rev. Edn.

Lubricants, Greases and Petrochemicals are most versatile on the industrial Plateau now a days. The significance of Lubricants, Greases & specialty products in the day-to-day functioning of nearly every machine part, instrument, appliance & device can not be over emphasized lubricants reduce friction & wear between rubbing parts, thereby enhancing their life. The basic object of this book is to furnish comprehensive information about nearly all prominent types of Lubricants, Greases & Petrochemicals. This book covers formulae, processes of various petroleum items. **₹1875 US\$150**

## **Industrial Chemicals Technology** Hand Book

The book contains manufacturing processes, reactions, equipments details, process flow diagram of number of chemicals, which have huge industrial uses. This book is very useful for new entrepreneurs, industrialists, consultants, researchers, scholars, technical institutions, chemists and libraries. **₹1100 US\$125**

## Hand Book on **CHEMICAL INDUSTRIES (ALCOHOL BASED)**

Alcohol is a very valuable material which has variety of uses such as for production of chemicals, as a source of energy and fuel etc. The book covers manufacturing details of various alcohol based chemicals. **₹750 US\$100**

## Speciality Plastics, Foams (Urethane, Flexible, Rigid) **Pet & Preform Processing Technology Handbook**

Polymer science is a specialised phase of organic chemistry, except in the case of inorganic silicones. Plastic technology is one of the fields where people can show their ability and performance both theoretically and practically. The book covers processes and other required information for the manufacturing of different Speciality plastics, Foams, PET and Pre-form PET etc. **₹1275 US\$125**

## The Complete Technology Book on **Expanded Plastics, Polyurethane, Polyamide and Polyester Fibres**

Expanded plastics are also known as foamed plastics or cellular plastics. Expanded plastics can be flexible, semi flexible, semi rigid or rigid. They can also be thermoplastic or thermosetting and can exist as open-celled or closed-celled materials. The Polyurethanes are among the most recent additions to the many commercially important classes or polymers. Urethanes can be considered esters of the unstable carbamic acid or amide esters of carbonic acid. The present book covers processes of expanded plastics, polyurethanes, polyamides with other related information required by an entrepreneur. **₹1275 US\$125**

## The Complete Technology Book on **POLYMERS (with Processing & Applications)**

Three factors are essential for any successful processing of polymers, namely materials, machinery and process control. The materials presently used comprise all existing thermoplastics and thermosets in the molecular weight range from 15000 to several million. Polymers have importance in manufacturing of various domestic and industrial products. The present book covers the latest technology of polymer processing and its related products. This is very useful book for new entrepreneurs, professionals, technocrats, researchers and technological institutions etc. **₹1100 US\$125**

## The Complete Technology Book on **WAX AND POLISHES**

Wax and polishes are used for many purposes. Wax has their principal use in waterproofing. Some other important uses are in candles, polishes, electrical insulation, coatings and carbon paper. There are various types of polishes having industrial and domestic applications. The purpose of this book is to present a comprehensive information of different types of wax and polishes like their processing, properties and uses. **₹1675 US\$150**

## The Complete Technology Book on **Industrial Polymers, Additives, Colourants and Fillers**

It is well known that the major consumption of additives is in PVC compounds. Approximately 80% of additives are being used in PVC, however the left over 20% is consumed in compounding of other thermoplastics. Plastic master batches and fillers have their own importance in plastic processing industries. The present book through light on processing of industrial polymers, additives, colourant and fillers. **₹1100 US\$125**

## The Complete Book on **Biodegradable Plastics and Polymers**

(Recent Developments, Properties, Analysis, Materials & Processes)

In response to public concern about the effects of plastics on the environment and in particular the damaging effects of sea litter on animals and birds, legislation is being enacted or is pending in many countries ban non-degradable packing, finishing nets etc. Waste plastics suffocate soil; clog drainage and lead to a whole lot of ecological problems-they have debilitating effect on ecology. Environmentally acceptable degradable polymers have been defined as polymers that degrade in the environment by several mechanisms and culminate in complete biodegradation so that no residue remains in the environment. The present book gives thorough information to biodegradable plastic and polymers. **₹1275 US\$125**



R.N.I. NO. 61509/95 POSTAL NO. G-3/DL (N)/114/2015-2017 at DELHI R.M.S.  
 VIDE U.N.O. U(DN)154/2012-14 LICENSED TO POST WITHOUT PREPAYMENT AT DELHI R.M.S.  
 DATE OF PRINTING : 19 EVERY MONTH • DATE OF POSTING : 21 OR 22 EVERY MONTH

**Books & Directory on HERBAL, CULTIVATION, HERBAL PRODUCTS  
 COSMETICS, AYURVEDIC MEDICINES**

R.N.I. NO. 61509/95 G-3/DL (N)/114/2015-2017  
 VIDE U.N.O. U(DN)154/2012-14

**HERBAL COSMETICS &  
 AYURVEDIC MEDICINES** [EQU] (3rd Rev. Edn.)

This book is very useful for entrepreneurs, industrialists, project consultants, libraries etc. and has special reference for Herbal Cosmetics and Ayurvedic Medicines with formulae, processes, foreign buyers, Machinery and raw material sources, product profiles etc. ₹1475 US\$150



**The Complete Technology Book On  
 HERBAL BEAUTY PRODUCTS WITH  
 FORMULATIONS AND PROCESSES**

Indian Medical System advocates the use of medicinal plants as drug source. Drugs obtained from plant origin occupy important position in different pharmacopoeist. Products from natural sources are an integral part of human health care system because of major concern about synthetic drugs and their side effects and toxicity. The ancient Indian system of medicine needs verification on modern scientific basis. An attempt to blend ancient and modern science as well as art could be fruitful and such attempts must be carried out on sound scientific basis. ₹1100 US\$125



**Hand Book On  
 Unani Medicines**

**With Formulae, Processes, Uses And Analysis**

Tremendous progress has been registered in the development of modern medicine. Yet, medicinal plants continue to be an important source of drugs throughout the world. Unani medicine is one of them. Plant as a source of drugs of much more important for the developing countries of Asia, Africa and South America. This publication is one of its kind which clearly indicates the usefulness of Unani medicine, shows how the plant secrets, preserve the natural secrets/harmones/juices which ultimately uses in Unani system of medicine. ₹1100 US\$125



**HERBAL COSMETICS**

**Hand Book**

This is the first book of its kind which contains formulae and processes of various herbal cosmetics like cosmetic for the skins, cosmetics for bath purpose, cosmetics for nails, cosmetics for hair, oral cosmetics, analysis of cosmetics, test methods, machinery and raw material suppliers etc. ₹1500 US\$150



**Hand Book on  
 Ayurvedic Medicines**

**With Formulae, Processes & Their Uses** (2<sup>nd</sup> Rev. Edn.)

This is the first book of its kind which contains formulae and processes of different types of Ayurvedic Medicines like Churn, Capsules, Cyrrups, Sharbats, Pastes etc. Used in various diseases. ₹1475 US\$150



**The Complete Technology Book on  
 Natural Products  
 (Forest Based)**

The forest in India yields a large number of products, which play an important role in the economy of the country. This book contains processes of forest based products like Gums, Resins, Essential Oils and other natural products obtained from Indian forests. It gives an insight of richness and vastness of the forest wealth. This book is first of its kind, which covers comprehensive treasure of information on a wide variety of forestry products. ₹1275 US\$125



**HAND BOOK ON  
 Herbal Drugs and Its Plant Sources**

Medicinal plants have been used as a major source of therapeutic agents by human being for thousands of years. Ancient men obtained more than 90% of his medicaments from higher plants. However, the importance of plants as a source of drugs decreased to certain extent. In spite of the fact that synthetic drugs and antibiotics have improved the life expectancy of man, plants still constitute as one of the major sources of raw materials for drugs all over the world. This particular book clearly described the original source of such drugs, which is beneficial to scientists and scholars. ₹1000 US\$100



**Hand Book on  
 Herbal Medicines**

The book contains Formulae of different Herbal Medicines used in all kind of diseases. This is the first book of its own kind. ₹750 US\$100



**Herbal Soaps &  
 Detergents Hand Book**

The book covers formulae, processes of different types of herbal soaps & detergents being used in daily life. This is the first book of its kind. ₹1275 US\$125



**HERBAL FOODS AND ITS MEDICINAL VALUES**

Food has been a basic part of our existence. Through the centuries we have acquired a wealth of information about the use of food as a part of our community, social, national and religious life. It has been used as an expression of love, friendship and social acceptance without knowing the medicinal values of such food. This book for the first time reveals the exact medicinal characteristics and how it works and cures the different disease to make mankind healthy. ₹1275 US\$125



**Hand Book on  
 HERBAL PRODUCTS**

**(Medicines, Cosmetics, Toiletries, Perfumes) 2 Vols.**

Both the volumes covers processes, formulations, analysis methods with the addresses of raw material and machinery suppliers, project profiles, list of manufacturers, exporters and overseas importers of various herbal medicines, cosmetics, perfumes and toiletries. The book also contains addresses of different Ayurvedic & Unani medicines research institutes. ₹1500 US\$220 (FOR BOTH VOLUMES)



**Handbook On  
 Medicinal Herbs With Uses**

Medicinal herbs are the local heritage with global importance. World is endowed with a rich wealth of medicinal herbs. The Variety and sheer number of plants with therapeutic properties is quite astonishing. Medicinal herbs have curative properties due to presence of various complex chemical substance of different composition, which are found as secondary plant metabolites in one or more parts of these plants. These plant metabolites, according to their composition, are grouped as alkaloids, glycosides, corticosteroids, essential oils etc. During the past decade, a dramatic increase in exports of medicinal herbs attests to worldwide interest in these products as well as in traditional health systems. The pharmaceutical industries have made massive investment on pharmacological, clinical and chemical researches all over the world in past five decades. Efforts have been made to discover still more potent plant drugs. ₹1075 US\$125



**Compendium of  
 Medicinal Plants**

The book contains systematic account of the most important plants used in medicines. Each chapter covers botanical descriptions, parts used, Ayurvedic properties, clinical uses, constituents with the figure of the plant. ₹875 US\$100



**Aloe Vera Handbook  
 (Cultivation, Research Findings, Products,  
 Formulations, Extraction & Processing)**

Aloe Vera is a semi tropical plant. There are over 250 species of Aloe grown around the world. It contains more than two hundred tonic ingredients including essential amino acids, minerals, vitamins, enzymes and steroids. Also contains the most essential components required by the human body. It is grown wild in hedge-rows in dry soil conditions and almost all parts of India. It can be grown even under constant drought conditions. Commercial cultivation and utilization of this plant with the application of technology can be of great value. ₹1275 US\$125



**Hand Book on  
 Neem and Allied Products**

The neem tree, which is also known as Margosa or Indian Ilic, grown extensively in Asian and African countries. The neem is very useful tree due to its medicinal and insecticidal properties and can be grown even under semi arid and subhumid conditions upto 700m above sea level. The book covers cultivation of neem and processing of its products. ₹975 US\$100

