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**INDUSTRIAL DEVELOPMENT, TECHNOLOGIES & PROJECT OPPORTUNITIES**

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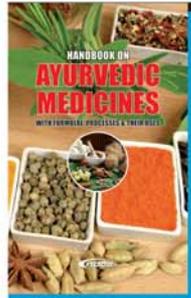
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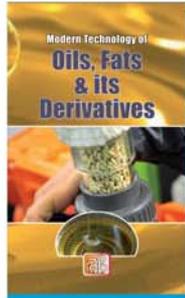
36 Pages



**Rs. 1475/- US\$ 150**  
**HANDBOOK ON AYURVEDIC MEDICINES**

Ayurvedic medicine (also called Ayurveda) is one of the world's oldest medical systems. It originated in India and has evolved there over thousands of years. It is a holistic healing science. Ayurvedic practice involves the use of medications that typically contain herbs, metals, minerals, or other materials. Now-a-days people are attracted more towards Ayurvedic medicines as the allopathic medicines are costlier and have side effects. There is more and more scientific research being conducted in our country for treatment of various diseases by Ayurvedic and herbal therapy. Research on medicinal and cosmetic uses of herbs is contributing to the growth of herbal industry. A large number of ailments have Ayurvedic treatment much superior to the other system of medicines and this has been recognized world over. Medicine has become an increasingly accepted alternative medical treatment in America during the last two decades. Up to 80% of people in India use either Ayurveda or other traditional medicines. It is believed that building a healthy metabolic system, attaining good digestion and proper excretion leads to vitality. India is said to have advantage of well recorded and well practiced knowledge of traditional herbal medicines. Herbal products are in huge demand in the developed world for health care, for the reason that they are efficient, safe and have lesser side effects. Efforts have been made on this book to enable readers to explore details regarding medicinal plants and their processing, learn about the unique composition of Rooh Afza, a clinical study of Chyavanprash produced by Ayurveda rasashala, a clinical assessment of effect of triphala linpoma, formulae and processes of different types of Ayurvedic Medicines like churan, capsules, syrup, sharbat, pastes etc that are used in various ailments. It also highlights preparation and uses of every product accompanied with their formulations which offers relief from a variety of conditions, such as cold and flu symptoms, headaches, sore throats, high cholesterol, vision problems, anxiety, depression etc. Special content on machinery equipment photographs along with supplier details has also been included. We hope that this book will meet every individual need who has thrust to explore and enter into the field of medicinal herbs processing.

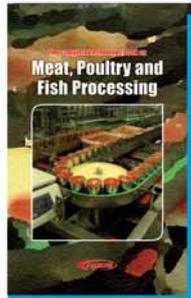
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**Rs. 1875/- US \$ 150**  
**Modern Technology of Oils, Fats & its Derivatives**

Until recently fats and oils have been in surplus, and considered a relatively low value byproduct. Only recently have energy uses of fats and oils begun to be economically viable. Food value of fats and oils is still far above the energy value of fats and oils. Industrial and technical uses of fats and oils are still above the energy value of fats and oils. Animal feeds value of fats and oils tends to remain below the energy value of fats and oils. With development of new technology oils and fats industry has undergone a number of changes and challenges that have prompted the development of new technologies, and processing techniques. Oils and fats constitute one of the major classes of food products. In fact oils and fats are almost omnipresent in food processing – whether naturally occurring in foods or added as ingredients for functional benefits and despite the impression given by several sources to the contrary, they remain an essential part of the human diet. However, it is increasingly apparent that both the quantity and the quality of the fat consumed are vital to achieve a balanced diet. They are essential constituents of all forms of plant and animal life. Oils are also seen in many of our foods, such as dairy products, meats, poultry, and vegetable oil seeds. India is the biggest supplier of greater variety of vegetable oil and still the resources are abundant. The applications of oils are also seen in paints, varnishes and related products. Since the use of oils and fats in our daily life is very noticeable the market demands of these products are splendid. Special efforts have been made to include all the valuable information about the oils, fats and its derivatives which integrates all aspects of food oils and fats from chemistry to food processing to nutrition. The book includes sources, utilization and classification of oil and fats followed by the next chapter that contain details in physical properties of fat and fatty acids. Exquisite reactions of fat and fatty acids are also included in the later chapter. It also focuses majorly in fractionation of fat and fatty acids, solidification, homogenization and emulsification, extraction of fats and oils from the various sources, detail application in paints, varnishes, and related products is also included. It also provides accessible, concentrated information on the composition, properties, and uses of the oils derived as the major product followed by modifications of these oils that are commercially available by means of refining, bleaching and deodorization unit with detailed manufacturing process, flow diagram and other related information of important oils, fats and their derivatives. Special content on machinery equipment photographs along with supplier details has also been included. We hope that this book turns out to be considerable to all the entrepreneurs, technocrats, food technologists and others linked with this industry.

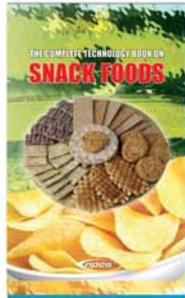
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**Rs. 1475/- US\$ 150**  
**The Complete Technology Book on Meat, Poultry and Fish Processing**

India is endowed with the largest livestock population in the world. Livestock and poultry in Indian tropical and sub tropics play a critical role in agriculture economy by providing milk, meat, eggs etc and provide fresh reserves during period of economic stress and buffer against crop failure. Mutton and Chicken is an important livestock product which in its widest sense includes all those parts of the animals that are used as the food by the man. So, with increase in population there is also an increasing consumer demand for food products that are low in fat, salt and cholesterol at local, national and international levels. Food manufacturers need to be able to produce meat, poultry and fish products which are considered to be healthy and that can meet the consumer demands. Meat industry, although is a very developing stage in India, is the top food industry in the world. Processed meat products are poised for continuous growth in the country. Poultry is one of the fastest growing segments of the agricultural sector. The main aim of this book is to provide complete guide on meat, fish and poultry processing. Owing to the wide variety of products and type of processes and treatments (curing, dry curing, fermentation, cooking smoking etc), this products need particular analytical methodologies for proper consumption. It examines the nutritional principles behind the drive for reductions in fat, salt and cholesterol in our diet, and illustrates formulations and procedures utilized to produce such products. The reader would get to explore brief discussion regarding the Indian meat industry followed by the next chapter which includes structure, composition and nutritive value of meat tissues, postmortem changes and some meat quality parameters are also added in the preceding chapters. It also discuss about meat cutting and packaging, processing of meat and meat products, microbial and other deteriorative changes in meat and their identification, chemical composition and nutritive value of poultry meat, pre slaughter handling, transport and dressing of poultry, fish products, freezing fish filets, miscellaneous fish products, salted fish spreads, salted fish spreads for petting, shellfish and miscellaneous marine products, meat removal and pre freezing treatment, packing and freezing, classes and sizes of fresh and frozen oysters, freezing whole raw lobsters etc. The book contains manufacturing processes of various meat, chicken and fish products in much illustrative manner. Special content on machinery equipment photographs along with supplier details has also been included. It is anticipated that, it turns out to be a resourceful book for entrepreneurs, technocrats, food technologists and others linked with this industry, as this would be an invaluable reference source for meat, poultry and fish processors, and food industry personnel involved in the development and marketing of new products.

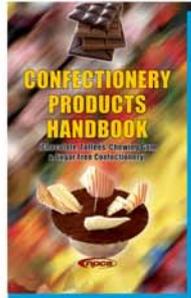
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**Rs. 1475/- US\$ 150**  
**THE COMPLETE TECHNOLOGY BOOK ON SNACK FOODS**

Snacking is becoming a way of life with many people. In some countries the average eating frequency is around 6 to 7 occasions per day. There are plenty of marketing niches and slots to be filled in the Snack food areas. Snack is a type of food not normally eaten as a main meal such as breakfast, lunch or dinner but to mitigate hunger between these meals. Snack may also be consumed between meals purely for the enjoyment of its taste. Traditionally snacks were prepared from leftovers or ingredients easily available at home and included sandwiches, nuts, fruits etc. They have become more appealing than prepared foods and contain tempting, flavourful ingredients. This book attempts to provide the processes for the manufacture of various Snack food items which has tremendous domestic and export market. It covers a variety of subject from snack food emphasizing the evolving nature of snacks in our diet. Whether you are new to the field or you are pro facing broader responsibilities, Snack Food Processing provides valuable information gained through first-hand experience. It provides a clear, comprehensive overview of the Snack Food Processing which contains definitive content on developing, preparing, and processing various types of snack foods. The initial content is regarding snack food ingredients and the work progresses to discuss various types of snacks with processes in subsequent chapters, detailing their development, production and consumption, raw material requirement and flow chart. Detailed discussion on technical functions that includes product development followed by quality control and nutritional supplementation has also been included. Some chapter covers packaging, extrusion and other technologies of snack food manufacturing process. Special content on machinery equipment photographs along with supplier details has also been included. It is for people who want a technical based practical review on how snack foods are made. We hope that this book will meet every individual need who has thrust to explore technology on snack food processing. New entrants into the field will be able to confidently communicate with suppliers and associates. Managers and quality control personnel will gain a better idea on where to start in solving problems when they arise.

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**Rs. 1975/- US\$ 200**  
**CONFECTIONERY PRODUCTS HANDBOOK (Chocolate, Toffees, Chewing Gum & Sugar Free Confectionery)**

Confectionery manufacture has been dominated by large-scale industrial processing for several decades. Confectionery implies the food items that are rich in sugar and often referred to as a confection and refers to the art of creating sugar based dessert forms, or subtleties (sweets or sweets), often with pastillage. The simplest and earliest confection used by man was honey, dating back over 3000 years ago. Traditional confectionery goes back to ancient times, and continued to be eaten through the Middle Ages into the modern era. Sugar confectionery has developed around the properties of one ingredient – Sucrose. It is a non-reducing disaccharide. The principal ingredient in all confectionery is sucrose, which in its refined form has little flavour apart from its inherent sweetness. This handbook contains Packaging in the confectionery industry, Structure of sugar confectionery, Flavouring of confectionery, Confectionery plant, Ingredients, Quality control and chemical analysis, Medicated confectionery and chewing Gum, Chocolate flow properties, General technical aspects of industrial sugar confectionery manufacture, Manufacture of liquorice paste, Extrusion cooking technology, Manufacture of invert sugar, Marzipan and crystallized confectionery. The manufacture of confectionery is not a science based industry, as these products have traditionally been created by skilled confectioners working empirically. The aim of this handbook is to give the reader a perspective on several processes and techniques which are generally followed in the confectionery industry. The texture and technological properties of confectionery products are to a large extent controlled by its structure. The book is aimed for food engineers, scientists, technologists in research and industry, as well as for new entrepreneurs and those who are engaged in this industry.

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**Rs. 1275/- US \$ 125**  
**HANDBOOK ON ORGANIC FARMING AND PROCESSING**

India is an agro based country. So organic farming plays an important role in agro field. The popularity of organic farming is gradually increasing and now organic agriculture is practiced in almost all countries of the world, and its share of agricultural land and farms is growing. As the organic food market continues to expand, so do the opportunities for small farmers. Organic farming has emerged as the only answer to bring sustainability to agriculture and environment. This handbook is a comprehensive guide to growing, certifying, and marketing organic produce. Organic farming is not only a philosophy, but also a well-researched science that combines soil fertility, plant pathology and other biological and environmental sciences. The major contents of this book are Sustainable Agriculture, National Programme on organic farming, Integration with organics and biofertilizers, Bulky organic manures and crop residues, Manuring on sight, Manuring potentials, Green Manuring, Production and promotion of organic fertilizers, Vermi composting, Response of crops to organic fertilizers, Phosphate solubilizing, Bacillus thuringiensis, Crop residue management, Integrated nutrient management towards sustainable agriculture, Integrated farming system, Mechanism of nitrogen fixation, Economics and marketing of organic farming. As we have seen, the booming development taking place in organic farming and marketing offers many opportunities. We will be able to go on contributing to the establishment of organic production systems and this could lead to changes in life style and consumption patterns that will reach far beyond food and nutrition. This book will be very helpful to soil scientists, microbiologists, biologists, students, new entrepreneurs, fertilizer industries, training centers and to all those interested in efficient use and sustainable farming.

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## 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 be 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**



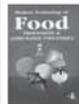
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There are plenty of marketing niches and slots to be filled in the Snacks Food area. This book attempts to provide the processes for the manufacture of various Snacks food items which has tremendous domestic and export market. **₹975 US\$100**

### MODERN TECHNOLOGY OF MILK PROCESSING & DAIRY PRODUCTS 3rd 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. **₹975 US\$100**



### 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. **₹1575 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 alongwith 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, arid 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 reams 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 2nd 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. **₹1100 US\$125**

### 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, adulteration, 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

The book contains the manufacturing processes and other related informations of important Oils, Fats and their derivatives. **₹1100 US\$125**

### 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 loose 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 and 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)

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. **₹1500 US\$150**

## SYNTHETIC RESINS



### The Complete Technology Book on Synthetic Resins With Formulae And Precesses

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**






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## 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.

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## SELECTED PROJECTS FOR YOU

### EDIBLE OIL REFINERY UNIT

Rice is grown over vast areas of land around the world and is a major staple food for more than half of the world population. Rice is an excellent source of nutrients, where protein contains the eight essential amino acids. Rice is a relatively good source of thiamin, riboflavin, niacin, phosphorous, iron and potassium and is also a good source of carbohydrates, which serves as a form of energy. Non-allergenic and gluten-free characteristics make rice ideal for persons with these special dietary requirements.

Harvested rice is in the form of rough rice (paddy) with the edible portion covered with an outer protective layer known as the husk or hull. After being dried, the rice passes through Sheller machines to remove the hull material. Shelling produces brown rice, with a thin bran layer surrounding the rice kernel. Abrasive forces in the milling machine remove the outer bran layer on the brown rice and the resultant product is white rice. White rice is consumed after appropriate polishing to further remove any remaining bran layers and to give a desired degree of whiteness and polish. The rice hull and rice bran are obtained as by-products of the rice milling industry. Rice bran, which includes the pericarp, the aleurone and sub-aleurone layers, parts of the germ and the embryo as well as small portions of the starchy endosperm, is a valuable milling by-product. After milling, the immediate stabilization of rice bran using thermal treatment techniques deactivates enzymes

responsible for its degradation. Stabilized rice bran is free from rancidity, off flavors, and bitter and soupy taste, and is suitable for further use and processing. Rice bran had gained significant attention after adequate progress in its stabilization techniques. Bran, 10% of the weight of rough rice, is rich in oil (15- 22 %), depending on the milling procedure and the rice variety. Most crude oils and fats, whether obtained by pressing, solvent extraction or rendering are given a preliminary cleaning and clarification treatment by setting, screening, filtration or centrifugation to make them more resistant against deterioration during storage. When required for edible purposes they are nearly always given a further refining treatment, when intended for technical non edible purposes they also frequently need some treatment to remove impurities, degradation products or undesirable constituents which would interface with their use. Rice bran crude oils obtained by solvent extraction are given a preliminary cleaning and clarification treatment by allowing the crude oil to settle followed by screening, filtration or centrifugation to make them more resistant against deterioration during storage. Special characteristics of rice bran oil are the very marked resistance to oxidative rancidity. The stabilities of the refined, bleached and deodorized rice bran oil and the hydrogenated products are approximately twice those of comparable, commercially acceptable vegetable fat.

### USES AND APPLICATION

Rice Bran Oil is a healthy oil with uses in cooking, frying, as a salad dressing, baking, soap making, as even a supplement to horses, dogs and other animals. Thus, Rice bran oil can be used as vegetable oil in

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the domestic purposes for consumer use. It can be used for hydrogenation purpose. It can be used for the extraction of fatty acids and glycerol from it. It is also use to treat nerve imbalance. The use of Rice bran oil not more than half a litre in a months is sufficient for good health.

### MARKET SURVEY

Indian edible oil industry is composed of some 15,000 oil mills, 600 solvent extraction units, 250 vanaspati units and over 600 refining units. These employ over a million people. With around 8% of world oilseeds production, over 7% of global protein meal production, around 4% of world oil meal export, total oilseeds production of 23 mn tonne and 5.6 mn tonne of edible oil production, India is the fourth largest edible oil economy in the world valued at USD 16.5 bn (Rs 660 bn). India has a share of nearly 6% of global vegetable oil production, nearly 11% of global vegetable oil imports and 9% of global edible oil consumption. And yet over 40% of the edible oil availability in the market is sourced from imports. The edible oil segment is currently undergoing a metamorphosis as a result of spiralling prices of soft oils - sunflower and soyabean. Premium branded vegetable oil makers are expanding their product portfolio to include less-upmarket oils from

cottonseed, groundnut or even palmolein in consumer packs. India has a potential to produce about 1.50 mn tonne of rice bran oil. Of this potential, only half or 750,000 tonne, is produced. Some 200,000 tonne of oil is being used as refined rice bran oil for cooking. The rest is used in vanaspati. There are some 30 plants refining crude rice bran oil.

### COST ESTIMATION

Capacity	: 80MT/Day
Plant & Machinery	: Rs. 962Lakhs
Cost of Project	: Rs. 2113 Lakhs
Rate of Return	: 27.62%
Breakeven Point	: 46.86%

## ANIMAL FEED FROM BAGASSE

The principal feed resources for animal consumption in the country are crop residues like straws of wheat, rice and other cereals and stovers, which are very poor in feed value. Even these are in short supply. These are supplemented to some extent by relatively better quality fodders like cultivated leguminous and non-leguminous fodder grasses and



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concentrates. The latter are formulated largely from agro-industrial by-product and forest wastes and small quantities of low-grade cereals with the present stock of feed and fodder resources available in the country, it is well impossible to meet the nutrient requirements of even the present day low-producing cattle and buffaloes. Such a situation is bound to aggravate difficulties in the feeding of better producing livestock such as cross bred lows in exploiting their full genetic potentiality for early growth, better reproduction and higher milk production. Livestock in the country, therefore, suffer widely from insufficient supply of nutrients. The unconventional agro-industrial by products and forest wastes may find a greater use as livestock feeds in coming years.

The nutritive value of tropical feeds and fodder is lower than those grown in temperate region. This situation does not allow cows to consume maximum amount feeds, nor to get feeds of minimum allowable digestibility. It is not possible to anticipate any remarkable improvement in the feed situation in the near future and also in the supply of high digestible ingredients like worse grains. The digestibility of feed for meeting nutrient requirements of the cattle must bear relation to its intake capacity. In order that a

cow with high milk yielding potential, which this country is looking forward to have in large numbers, produce milk to their inherited capacity, it will be necessary to provide adequate and balanced nutrition that should include high quality fodder and concentrates, mostly originating from agro industrial by products and wastes. The poor quality fodders like straws and stovers when chopped and fortified with urea, molasses and mineral mixture, improve in nutritive value and capatability. Such practice should be followed to maximize the utilization of valuable fodder resources. It is also necessary to preserve good quality forage as hay or silage to provide for feed during the lean periods. With the availability of food quality fodder and some feed concentrate to supplement the ration in meeting the various nutrient requirements, the milk production will certainly go higher even with the existing cattle and buffalo population.

### **USES AND APPLICATION**

Those for calves before their rumers start to function effectively.

Those for cattle with functioning rumers.

The first type of feeds are similar in composition to pig creep and starter feeds and must be low in fibre and contains all the nutrients necessary for growth with the exception of those in the mother's milk which

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they may also receive. The second types of feeds are those designed to supplement the basal ration of roughage normally fed to cattle with functioning ruminants. This supplementation may be necessary to supply additional nutrient for growth, maintenance milk production pregnancy of fettering and suitable feeds are formulated for the various purposes. As ruminants can synthesize their essential amino acid and can digest cellulosic fibre protein is normally supplied as the more fibrous oilseed residues e.g. coconut, cottonseed and ground nut cake. It is also not necessary to add vitamin supplement but 5% of minerals are normally included. A typical concentrate feed for milk production (dairy feed) designed for feeding as a supplement to a ration of dry roughage might include 95% of cereals and cereal by products, 40% of oil cake, 5% of grass meal to provide vitamin A, and would contain no dried grass and less oil cake. Ruminants are able to synthesize protein from more protein nitrogen and it is now common practice to replace part of the protein supplied as oil cake by the additions of urea.

**MARKET SURVEY**

Cattle feed is a peculiar product consumed mainly by cattle owners of rural area. Animal industrial enterprises in all area and so, the market for cattle

feed is very scattered. The consumers are living by and large in poverty and so they have hardly enough finances to spare for cattle feed. Yet cattle are the only source of earning in many cases and to increase their own earning they try to spend upon cattle as much as possible. Unawareness about the product and its importance should also be looked after. The benefits of this scientifically prepared cattle feed over traditional feed has become as popular as they should be. The problem is much of replacing unscientific feeding system with scientific feed. India has the largest cattle, buffalo and goat population according to latest census. There are about 200 million cattle, 50 million buffaloes and 90 million goats in the country. About one sixth of the cattle, about half of buffalo and one fifth of goat population in world are in India. Animal husbandry plays an important role in the national life and accounts for about 10% of the national income. In particular the contributor of the cattle and buffalo to the economy is considerable. They are the main source of drought power in agricultural operations and rural transportation they provide essential, foods like milk and meal.

**COST ESTIMATION**

Capacity : 100MT/Day  
Plant & Machinery : Rs. 143 Lakhs



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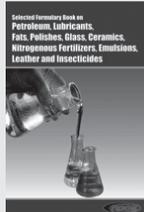
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Cost of Project	: Rs. 477 Lakhs
Rate of Return	: 29.86%
Breakeven point	: 57.18%

### CATTLE & POULTRY FEED

In India the animal feed industry is of recent origin, the first animal food plant having been established in 1960. There are today as many as 14 plants in the organized sector, besides many small feed compounders, which operate in large cities. The 14 organized units have modern or semi modern equipment for manufacturing compound feeds. All of them have excellent facilities for quality control and are well equipped for chemical analysis of raw materials and the finished products. The installed capacity for all types of feeds that can be produced in the units under organized sector in India is estimated in the neighbourhood of 630000 metric tonnes a year. Taking into account the expansion plans of the organized sector, it is anticipated that the capacity of this industry in India is likely to increase rapidly. Two international Hatcheries viz. the Arbor Acres and the shaver, which started their operation in India in early 1960's, created a

large market for quality poultry feeds in North as well as in Western India. It was formed necessary to provide well-balanced feed to the hybrid birds to exploit their genetic potential to the maximum. Similarly, the compound feeds for cattle are finding large markets all over India because of the increased effort to produce more milk products. Efficient chick starter and growing mashers aid proper development of chicks and pullets. Proteins, largely of vegetable origin, in the growing mash, encourage the normal development of pullets and help them to lay lower. These are fed to which when they are 24 hours old.

#### USES & APPLICATIONS

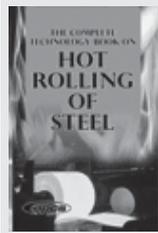
Feeds are used as edible materials, which are consumed by cattle and poultry and contribute energy and/or nutrients to the cattle or poultry diet.

Feed is needed to produce poultry & cattle, which are substantial parts of the food industry. Poultry includes the following: Chickens, Turkeys, Ducks, Guineas, Pigeons, Pheasant, Ostrich, Peafowl and Swan etc. The size of the food industry depends on population, which is not constant.

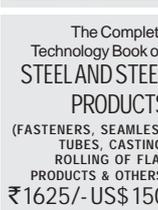
#### MARKET SURVEY

India has the largest cattle, buffalo and goat

## BOOK ON STEEL/ALUMINIUM



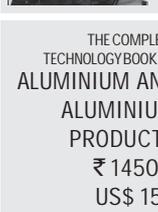
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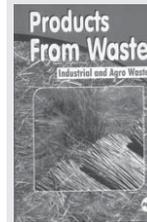
population according to latest census. There are about 200 million cattle, 50 million buffaloes and 90 million goats in the country. About one sixth of the cattle, about half of buffalo and one fifth of goat population in world are in India. Animal husbandry plays an important role in the national life and accounts for about 10% of the national income. In particular the contributor of the cattle and buffalo to the economy is considerable. They are the main source of drought power in agricultural operations and rural transportation they provide essential, foods like milk and meal. The feed for the poultry is made up of two portions the concentrate and the balance, consisting of various grains and rice (and wheat) bran upto 20 per cent of other local by-products. The packaging of compound feeds by most units in India is in brand new funny bags, but some are using polythene-lined bags, which are very handy for export purpose. With animal feed plant coming up in high cities especially in Chennai, Kolkata and Mumbai and producing top quality poultry cattle feeds and with the resource

available to these manufacturing units it is certain that animal feeds produced in India will find an instant market in the neighbouring countries. It is expected that in the next few years the animal feed industry in India would rank among the major industries of India and will be able to help the animal production programme in various countries around the world. Poultry feed is needed to produce poultry, a substantial part of the food industry. The size of the food industry depends on population, which is not constant. If today's trends continue, there is likely to be further rapid deterioration in man's environment. A fantastic world effort over the next decade at changing the attitude of people towards family size might conceivably arrest population at 2 or 3 times its present level. Some biologists feel the compulsory family regulation will be necessary to limit production. World population is exploding. More children are being born, many diseases have been cured, and the life span is increasing. Industries playing increasing roles in the struggle against world



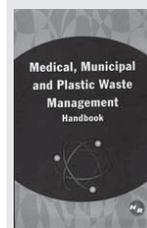
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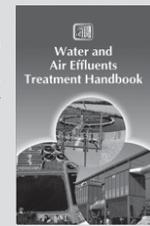
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hunger include the poultry industry, which require less capital to enter than other animal industries, and the feed industry, which provides economical, feeds upon which the poultry industry depends.

### COST ESTIMATION

Capacity	: 50 MT/Day
Plant & Machinery	: Rs. 310 Lakhs
Cost of Project	: Rs. 646 Lakhs
Breakeven Point	: 57.31%

## SILICA FROM RICE HUSK ASH

Rice husk is an agricultural residue easily available in rice producing countries. 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 & or by gasification. The rice husk contains about 75% organic volatile matter

& the balance 25% of the weight of this husk is converted into ash during the firing process, is known as rice husk ash (RHA). This RHA in turn contains around 85%–92% amorphous silica. Silica is one of the valuable inorganic chemical compounds. It can exist in gel, crystalline and amorphous forms. It is the most abundant material in the earth's crust. Silica is the major constituent of rice husk ash. With such a large ash content & silica content in the ash it becomes economical to extract silica from the ash, which has wide market & also takes care of ash disposal. Precipitated Silica (also called particulate silica) is composed of aggregates of ultimate particles of colloidal size that have not become linked in massive gel network during the preparation process. It is an amorphous form of silica; the word amorphous denotes a lack of crystal structure, as defined by x-ray diffraction. Early interest in amorphous silica was purely academic. Amorphous silica can be broadly divided into three categories. Vitreous silica or glass made by fusing quartz, Silica made indicating either

amorphous or crystalline silica with high speed neutrons & Micro amorphous silica. Micro amorphous silica includes sols, gels powders & porous glasses, all of which are composed of ultimate particles or structural units less than 1/um in diameter. These silica have high surface area, generally greater than 3m<sup>2</sup>/g. Micro amorphous silica can be further divided into micro particulate silica microscopic sheets & fibers & hydrated amorphous silica. Gynogenic silica's are formed at high temperature by condensation of SiO<sub>2</sub> from the vapor phase, or at lower temperature by chemical reaction in the vapor phase followed, by condensation. Silica formed in an aqueous solution can occur as sols, gels or particles. A gel has a three-dimensional, Continuous structure, where as a sol is a stable dispersion of fine particles. Macroscopic particles are formed by aggregation of smaller particles from either a gel or so. Amorphous silica is precipitated from super saturated solution obtained by concentrating an under saturated solution a hot saturated solution, or generating Si(OH)<sub>4</sub> of silica ester SiH<sub>4</sub>, SiS<sub>2</sub>, SiCl<sub>4</sub> or Si. Precipitated Silica soluble silicate solutions are of fine controlled particle size & porous in nature. Precipitated silica powders have a more open structure with higher volume than dried pulverized gels. The physical & chemical properties or precipitated silica vary according to the manufacturing process. Ultimate & aggregate particle size in silica's precipitated from solution can be varied by reinforcement & control of suspension pH, temperature & salt content. The particle size in gynogenic silica's is controlled by combustion conditions. The surface area as determined by nitrogen adsorption is a function of particle size.

**USES AND APPLICATION**

Precipitated silica is used as filler for paper & rubber as a carrier & diluents for agricultural chemicals, as an anti caking agent, to control viscosity & thickness and as a cleansing agent in toothpastes & in cosmetics. Precipitated silica also finds its applications as anti caking agents in food industry & as thermal insulators. Precipitated silica is perhaps the best not black filler and reinforcing agent used in

rubber industry especially for the production of silicon rubber. The distinguishing feature of the growth of precipitated silica industry in India is that it has classifiably flourished in the small-scale sector. Readily available new materials low capital investment & high rates of return offer a distinct advantage to the small-scale manufacturers to venture into this field.

**MARKET SURVEY**

Precipitated Silica is used as filler for paper & rubber as a carrier & diluents for agricultural chemicals, as an anti caking agent, to control viscosity & thickness and as molecular sieves. So, we can better understand the growing demand of precipitated silica by seeing the demand of the following industries. Silicon is a unique material. Its abundance is one of the reasons it is used for a wide range of purposes. One of the most important uses of silicon is as a core element of microchips. To manufacture microchips, the microelectronics industry requires silicon with an impurity level of 10<sup>-11</sup>. Since silicon forms a stable compound with oxygen (silicon oxide, SiO<sub>2</sub>), the deoxidization of silicon oxide needed to reach this high level of purity consumes a substantial amount of energy, which, in turn, affects the environment through emissions of carbon dioxide (CO<sub>2</sub>). Bulk silicon wafers used at the beginning of the integrated circuit making process must first be refined to "nine nines" purity (99.9999999%), a process which requires repeated applications of refining technology. The silicon demand by the PV cell industry can be estimated using the available amount of silicon in combination with the amount of silicon needed to produce 1 MWp of solar cells. Global production of rice, the majority of which is grown in Asia is approximately 550 million tonnes/year. This is generated at a rate of about 20% of the weight of the product rice, or some 110 million tonnes per year globally. The husk in turn contains between 15 and 20% of mineral matter the majority of which is amorphous silica. There is a growing demand for finely divided amorphous silica in the production of high strength, low permeability concrete, for use in bridges, marine environments, and nuclear power plants. This market is currently filled by silica fume. Limited supply and high demand has pushed the price of silica fume to as much as US\$ 1,000/tonne in some market. Rice husk has the potential to generate 16.5 to 22 million tonnes of ash containing over 90% amorphous silica that could be used as a substitute for silica fume. The husk has energy content of about 14 GJ/tonne so that the energy potential worldwide would be some 1.5 billion GJ/year, which at US\$ 5/GJ would have an annual value of US\$ 7.5 billion. This amount of energy is

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equivalent to over 1 billion barrels of oil per year.

**COST ESTIMATION**

Capacity	: 20 MT/Day
Plant & Machinery	: Rs. 518 Lakhs
Cost of Project	: Rs. 832 Lakhs
Rate of Return	: 24.91%
Breakeven Point	: 48.13%

**DEHYDRATED ONIONS**

Dehydrated Onions have been produced in small quantities since the nineteenth century. Dehydrated onions were supplied to British naval expeditions in the mid-nineteenth century and dehydrated onions have been produced in sizable quantities during subsequent wars, primarily for consumption by armed forces, but also for civilian use. Since the quality of these products when dehydrated compared unfavorably with fresh vegetables or other types of processed onions, their usage declined rapidly after each war. However the processing techniques employed in the production of dehydrated onions have been improved greatly since World War II, particularly since the late nineteen fifties, and as a result the quality of dehydrated vegetables has much improved. At the same time the demands for convenience foods have been increasing and dehydrated onions have benefited accordingly.

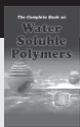
The main advantages of dehydrated onions are that they are easy to store, being lighter in weight and smaller in bulk than fresh or other processed onions. They are cheap to pack compared with canned goods. They do not require refrigerated storage as do frozen onions and the contents of a container can be used some time after opening provided they are not dehydrated. The newest dehydration process appears to be a variation on the air-drying process and is based on the principle of vapor pressure differentials, using air circulated around the onions at relatively low temperatures to 'sweat' the water from the food. It is reported that this method of dehydration prevents a crust forming on the outside of the pieces of food and that the low temperatures have less effect on flavour, texture, colour and vitamin contents of onion than, of the higher temperatures used in conventional hot air-drying methods. When establishing a dehydration industry, considerable thought should be given to the procurement of fresh onions for dehydration. In most countries onions for dehydration are grown almost exclusively on contract to the processors. The contracts are made up of a year in advance and cover such aspects as acreage, planting periods, varieties of onions, field inspection, and stage of maturity for harvesting, delivery dates, grading and prices. To operate a dehydration plant efficiently, a constant supply of onions is required and this involves considerable organization. Buying supplies of fresh onion from the market is rarely practicable since varieties grown for the fresh market may be unsuitable for processing and continuity of supply cannot be assured. It is usually found that specialization in processing one or two types is more profitable than production of wide range of dehydrated onions. Ideally a dehydration factory should handle only one type of onion over long periods, so as to avoid the necessity of cleaning down all the machinery and altering the grading and cutting settings etc. when changing from one variety to another.

**USES & APPLICATION**

Dehydrated onions are used chiefly as a constituent in various food products i.e. they are sold to manufacturing concerns as an industrial raw material and demand for dehydrated onions is a function of the demand of these food products. However there is a demand for dehydrated onions for use as curlinary onions, both by large catering concerns - institutions and industrial canteens; and for domestic use. The other use of dehydrated onions is in the manufacture of dried soups-once virtually the sole outlet for these products, but now declining in relative importance, as other applications including use in canned soups and stews, baby foods, fish, meat and bakery products and more recently in dried 'ready-meals' have been developed. So far as possible both merchants and users were consulted in due course. Since there are relatively few dried soup manufacturers, it was possible to contact a majority of the users in this class. Retail outlets obtain supplies largely from food manufacturers. The different market sectors account for varying proportions of demand for dehydrated onions. Dehydrated onion slices and pieces are sold to all four market sectors. Pizza and other fast food, snack foods, food service packs, stuffing mixes, pickled products, meat products, sea food products, gravies, canned foods, salad dressing, dips, bottle packs, pet food, rice mixes, soups, potato salad, seasoning, wet and dry salsa, specialty foods, curry powder, bakery topping, gourmet sauces, seasoning and in many other snacks or as ingredients.

**MARKET SURVEY**

Onion is an important vegetable crop grown in India and forms a part of daily diet in almost all households throughout the year. India is the second largest producer of onion in the world 7 onion is one of the most important but perishable groups known. It is also used for medical purpose. But due to non-availability of appropriate post-harvest storage facilities, 20-25% of the total produced onions are wasted, which in terms of value amounts to crores of rupees. Unprocessed foods are susceptible to spoilage by biochemical processes, microbial attack and infestation. The right post harvest practices such as good processing techniques, and proper packaging, transportation and storage (of even processed foods) can play a significant role in reducing spoilage and extending shelf life. The industry consists of segments like processed fruits and vegetables, cereal based products, dairy products, meat, poultry and

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fishery products, beverages and confectionary. The global processed food market is estimated at \$3.2 trillion. The Indian food market is estimated at \$182 billion. Food processing industry in India is growing at 14% annum. The total food production in India is likely to double in the next ten years and there is an opportunity for large investments in food and food processing technologies. The Indian government has formulated Vision 2015, to triple the size of the food processing industry, from the current \$ 70 b to around \$ 210 b, enhancing her global share to 3%, increasing value addition to 35%, from the current 20% and raising the level of processing of perishables to 20%.

**COST ESTIMATION**

Capacity	: 6 MT/Day
Plant & machinery	: Rs.224 Lakhs
Cost of Project	: Rs. 536 Lakhs
Rate of Return	: 44.89%
Breakeven Point	: 40.20%

**SANITARY PADS/NAPKINS**

The Sanitary napkin industry is closely connected with the mode of life, which is in turn directly correlated to housing. Accordingly this industry has always grown by keeping space with improvement in living and it is new indispensable for sanitary in modern housing. In India, the technology for sanitary napkins available by processing of raw cotton spinning and weaving of napkins. On small scale, the processed cotton is purchased which is spinned and woven. Sanitary napkin is a product used by women during the menstrual period to treat menstruation. It is one of the daily necessities for women. Most napkins will prevent leakage.

Kotex were first manufactured as bandages during World War I. Kotex are a product of the Kimberly-Clark company. In 1914 this (then) conservative supplier of paper developed absorbent wadding from processed wood and dubbed it Cellucotton. Five times as absorbent as cotton and costing only half as much, Cellucotton was used to bandage wounds in World War I. (Kimberly-Clark agreed to provide it to the War Department at cost, refusing the chance to make a healthy profit.) After the war, Kimberly-Clark faced the question of what to do with Cellucotton. The company hit upon the notion of marketing disposable sanitary napkins. Prior to this invention, women used and reused cloth rags – this was indeed groundbreaking stuff. The resulting product was first marketed as Cellunap, a contraction of “Cellucotton napkins.” Immediately upon hire, Kimberly-Clark’s first marketing agency (Charles F.W.

Nichols Company) suggested changing the name to Kotex, short for “cotton textile”. Previously, in Japan, absorbent cotton was used for the purpose. But the use of absorbent cotton limited bodily movement considerably. Because of intensive improvement and progress of sanitary goods after World War II, sanitary napkin is replaced absorbent cotton in many countries today since it is clean & it can be carried easily, and since it is thrown away after once used. Generally absorption paper, waterproof paper crushed pulp, and non-woven cloth or rayon paper is used as raw material. Sanitary Napkin for Ladies monthly uses well done enterprises can provide not only the standard type sanitary napkin machine but also the specified machinery for producing any type sanitary napkin according to the requirement & specifications. Extending to the abilities of own engineering, the machinery for producing maternity pad, adult’s pad is also available. 75% Of women experience itching and pain during their menstrual period which is mostly caused by the use of to sanitary Pads that are not air permeable, so they cannot reduce moisture. Sanitary pads can also harbor bacteria as they are not sterilized products. A woman will use an average of 10000 pieces of sanitary napkins within 30 to 40 years in her entire lifetime. Having a trusted brand of sanitary napkins has become paramount for every modern woman. Not only must the sanitary napkin provide comfort and safety, but also enhance every woman’s health and lifestyle. Here in this report, details of well-done napkin making plant is given. However, the composition of sanitary napkin & a typical layout for crushed-pulp Type Napkin Making Plant is also described.

**USES & APPLICATIONS**

Sanitary Napkins are exclusively used by adult girls & Ladies around the world during their menstrual periods as a means of maintaining physical aid & to avoid wetting or staining of the clothes. Sanitary Napkin is not reasonable & it is to be thrown away only, when it is saturated with wet liquids. Its use is much popular amongst the educated class of adult girls & ladies.

**MARKET SURVEY**

The Industry in India is of recent origin. The first unit is to manufacture viscous napkin filament yarn. Sanitary napkins have an important place in women’s history and in the history of technology. 19th Century research into disposable sanitary napkins marked the humble beginnings of a new era of gynecological sanitary. Disposable Sanitary Napkins appeared in Germany as early as the 1880s but were unavailable to American women because of the Comstock Laws. Women protection during their “critical” days is not a

<p><b>NANOTECHNOLOGY</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Nanotechnology Handbook ₹ 1675/- US\$ 150</p> </div> <div style="text-align: center;">  <p>Nanoscience and Nanotechnology Handbook ₹ 1675/- US\$ 150</p> </div> </div>		<p><b>INDUSTRIAL ALCOHOL</b></p> <div style="text-align: center;">  <p>Industrial Alcohol Technology Handbook ₹ 1675/- US\$ 150</p> </div>		<p><b>PESTICIDES, INSECTICIDES</b></p> <div style="text-align: center;">  <p>Biopesticides Handbook ₹ 1575/- US\$ 150</p> </div>	
<p><b>VERMICULTURE, VERMICOMPOST, BIO-FERTILIZER, ORGANIC FARMING</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Integrated Organic Farming Handbook ₹ 1275/- US\$ 125</p> </div> <div style="text-align: center;">  <p>The Complete Book on Organic Farming and Production of Organic Compost ₹ 1275/- US\$ 125</p> </div> <div style="text-align: center;">  <p>Manufacture of Biofertilizer and Organic Farming ₹ 975/- US\$ 100</p> </div> </div>			<p><b>PAPER, PULP &amp; PAPER CONVERSION</b></p> <div style="text-align: center;">  <p>Handbook on Pulp and Paper Processing ₹ 1875/- US\$ 150</p> </div>		



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problem in a modern world. Great variety of different types of sanitary facilities is provided on the market. Sanitary facilities obviously don't cause any significant environmental impact during use, but they do during production as well as final waste utilization stages. If somebody would like to make choice among them relying not only on prices and personal preferences but also on environmental friendliness of the product, life cycle assessment should be the main instrument designed to assess product's environmental impact and compare different types of sanitary facilities referring to this assessment. Hindustan Lever (now Hindustan Unilever), Johnson & Johnson and Procter & Gamble have been the lead players in sanitary napkins market. The Unilever-Kimberly Clark joint venture had earlier entered the Indian market with its brand, Kotex, in competition with the market leader, Whisper of Procter & Gamble. Until 1993, belted sanitary napkins were the largest segment. In that segment, Johnson & Johnson's Carefree controlled about half the market. Along with its beltless brand, Stayfree, its share could be estimated at around 75%. Beltless napkins now have catapulted to a share of over 70% of the market. Johnson's overall market share is down to 46% and P&G has gained a penetration of 43%. Kimberly Clark had launched upgraded Whisper with Wings brand, priced only 5% higher than the regular Whisper brand. After the launch of Whisper Extra Dry from Procter & Gamble, Johnson & Johnson came in with Stayfree Spirit.

**COST ESTIMATION**

Capacity	: 576000 Pcs/Day
Plant & machinery	: Rs. 134 Lakhs
Cost of Project	: Rs. 1624 Lakhs
Rate of Return	: 35.41%
Breakeven Point	: 34.73%

London Examination (Edexcel International). A Cambridge education is beyond purely learning facts. Instead, we support schools to develop students who are confident, responsible, reflective, innovative and engaged. The increasing number of students taking our qualifications in India shows that schools are aware of the value of this approach and the importance of an international education in today's global economy. University of Cambridge International Examinations (CIE) is the world's largest provider of international qualifications. Around 1.5 million students from 150 countries enter Cambridge examinations every year. Cambridge IGCSE is the world's most popular international curriculum for 14-16 year olds, leading to globally recognised and valued Cambridge IGCSE qualifications. Compulsory State education begins at 5 years but permissive legislation allows local Education Authorities to build also for children of 3.5 years, either in separate building or in nursery groups attached to primary schools. Schools worldwide have helped develop Cambridge IGCSE, which provides excellent preparation for the Cambridge Advanced stage including Cambridge International AS and A Levels and Cambridge Pre-U, as well as other progression routes. It incorporates the best in international education for learners at this level. It develops in line with changing needs, and is regularly updated and extended.

Cambridge IGCSE teachers can draw on excellent resources, training and advice from subject experts. The IGCSE is an international alternative to many popular national curricula. However, unlike many school-leaving qualifications, the IGCSE is not a group award or "certificate of education" as in many countries. It is a qualification based on individual subjects of study, meaning one receives an "IGCSE" qualification for each subject one takes. For this reason, schools worldwide have different expectations for their students as to how many IGCSEs should be taken. The Typical "core" curricula for the IGCSE candidates include a First Language, Second Language, Mathematics and the Sciences. IGCSE candidates then choose a number of additional courses ranging from Social Sciences to Creative Arts. The IGCSE is graded on an 8-point scale from A\* to G

**IGCSE School (Nursery to Senior Secondary)**

The International General Certificate of Secondary Education is an international qualification for school students. IGCSE is developed by university of Cambridge International Examinations (CIE) in 1988 and is currently offered as a qualification by CIE and

BOOKS ON AGRICULTURE			SMALL SCALE INDUSTRY (SSI)		
	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 ₹ 1075/- US\$ 125
	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
					Profitable Cottage and Tiny Industries ₹ 475/- US\$ 50
					Profitable Small Scale Industries ₹ 475/- US\$ 50

with a 9th grade "U" signifying "Ungraded". This measure of grading is also found in the UK GCSE. Previously, the "A\*" grade in the IGCSE did not exist, but was later added in 1994 to recognise the very top end of achievement. International schools around the world normally allow students to study anywhere from 5 to 14 IGCSE subjects. 5 core subject passes at C or above, like in the case of the English Baccalaureate, is the minimum required. The Act and the Regulations made under it provide for the requirements of all schools, whether administered by local education authorities or aided in some manner by local authorities. The terms used in the Act to differentiate between the two types of control are 'Country Schools' for all those administered by the local authorities, and 'voluntary schools' for those administered by bodies other than local education authorities. The accommodation and numbers in special schools vary according to the type and extent of the disabilities of the children for which each school is provided. The demand for Cambridge IGCSE in India is growing fast. Schools in India made over 28,000 entries for Cambridge IGCSE this year, a rise of 24% since 2011. 47 schools in Mumbai made entries in the 2011-2012 Cambridge IGCSE exam series (November 2011 and June 2012) - a rise of 24% from last year. The classification of schools and those attending them has undergone several changes, schools, with a few exceptions, are no longer 'all-age schools'

### PLANNING

Since IGCSE is an international examination with world-wide recognition and credibility it encourages - indeed, demands - the questioning and discovery method of learning, rather than relying on rote learning. It also provides excellent preparation for the International Baccalaureate Diploma Programme. Students who have taken the IGCSE Programme will be familiar with the styles of learning and the expectations of the IBDP also. The coursework and practicals provide a strong skill development and application orientation. IGCSE is typically taken by 14 to 16 years-olds and it prepares students for further academic works including progression to A Level, AS level study and the IB Diploma programme. Cambridge and Edexcel IGCSE are recognized by academic institution and employers around the world, UCAS recognize IGCSE as equivalent to the UK GCSE. Cambridge and Edexcel IGCSE provide a broad study

programme and cover subjects from a variety of areas: Languages, Humanities, Social Sciences, Mathematics, Creative, Technical and Vocational. Most IGCSE subjects offer a choice of Core or Extended papers in Cambridge, and foundation or higher papers in Edexcel. This is designed to make IGCSE suitable for students with varying levels of ability. In some subjects, IGCSE can be taken with or without coursework, making it suitable for schools with less specialized staff. In 2004-05, Cambridge IGCSE papers in more than 60 subjects were taken by students in over 120 countries worldwide, including the United Kingdom, India & Bahrain.

### ACADEMIC SYSTEM

CIE - University of Cambridge International Examinations - is the world's largest provider of international qualifications for 14 - 19 year olds. Over 1.5 million students, in 160 countries, enter for CIE examinations every year. CIE is part of Cambridge Assessment, a not-for-profit department of the University of Cambridge. The academic systems in School follow a fourfold track: the International Baccalaureate Primary Years Programme (Nursery to Grade 5), the Middle School Programme (Grade 6 to 8), the International General Certificate of Secondary Education (Grades 9 & 10) and the International Baccalaureate Diploma (Grades 11 & 12). All the systems are international, relevant to the challenges of the 21st Century and accepted for entrance to first-class universities throughout the world. Teaching in School is student-centered, project-based, and incorporates the multiple intelligences concept. While the general curriculum is followed by every student, he or she is also encouraged to develop talents and interests in personal areas of academic interest, and in sport, theatre music and dance, for which facilities are outstanding. Core and Extended curriculum Students follow a Core curriculum. Teachers can also stretch their students with an extended curriculum. Students can change level during the course according to their progress. Core curriculum only students are eligible for grades C through to G. Extended curriculum students are eligible for grades A\* through to E. Technology is extensively used as a learning tool in School. Every Secondary School student is required to carry a laptop computer that is linked by campus-wide radio networking. The controlled-temperature environment is ideal for relaxed and purposeful study.

BIOTECHNOLOGY			BOOKS FOR FOOD INDUSTRY		
	BIOTECHNOLOGY HAND BOOK ₹ 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
			<b>EMULSIFIERS</b>		
				The Complete Book on Emulsifiers with Uses, formulae and Processes ₹ 1075/- US\$ 125	



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There are first class Science facilities, a spacious Library-Media-Centre and well-equipped studios for Art and Craft-Design-Technology.”

**COST ESTIMATION**

Capacity	: 2400 Students/Year
Plant & machinery	: Rs. 168 Lakhs
Cost of Project	: Rs. 2574 Lakhs
Rate of Return	: 42.71%
Breakeven Point	: 41.00%

**RICE MILLING UNIT**

Rice (*Oryza sativa* L.) is one of the leading food crops of the world, and is produced in all the continents. Rice was an important food even before the dawn of written history. One centre of origin of cultivated rice is thought to have been in South east Asia. That is in eastern India. Indo-China and Southern China, Another probably was in Africa. Rice is one of the most important food grains. It is used in almost all homes as eatables. It has good filling capacity as a food grains. Rice is one of the leading food crops of the world. However, a comparatively small amount of rice moves in world because a high percentage of the world rice crop is consumed in the countries where it is produced.

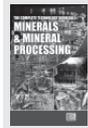
Human civilization has depended upon cereals from its dawn. Rice is the principal cereal group grown in warm humid areas of subtropical region mainly Pakistan, India, Burma, Indo China, Japan etc. Maize is an important cereal grown in America, South Africa, Argentina, Brazil USSR & China. Rice is generally considered to be a tropical crop. It is, however, an important crop in subtropical and temperature zones. Rice is in fact the principal cereal food in Asia and in some countries in Africa and Latin America and is used as food in all countries in the world. In many Asian countries, the average individual gets half or more of his total calorific intake from rice. The “Soutellum” divide the “Endosperm” which is the main

starchy portion of the grain, from the “amby” or germ”. The purposes of rice milling are to separate the husk (shelling) and the outer bran forms the kernel. The crop area and production of rice in the world are second only to wheat. The world Rice Crop area is only about 58% as much as that for wheat. Over 95% of the world production of rice is used for human food. The production in India (about 40 million tonnes) forms about 40 percent of total production of all food grains. There are a number of big rice plates in India apart from about 60,000 small rice mills of less than 2 tonnes per hour capacity. However, there is still a scope for setting up mini rice plant in various parts of India with a view to meet the local demand and providing employment to local people. Brown rice has a greater food value than white, Because the outer coating of brown rice contains added minerals and protein, As a food rice is low in fat and (compared with other cereal grains) in protein. Brown rice is considered to hold greater food value than its white grain counterpart. Brown rice does not get milled, thereby keeping its darker color. Like white rice, brown rice has its husks removed during the cultivation process. Brown rice contains 8-percent protein and is a good source of thiamine, niacin, riboflavin, iron and calcium. Traditionally, brown rice is the least favorite of all the rice’s. The Rice milling is the process that helps in removal of hulls and bran’s from paddy grains to produce polished rice. Rice is rich in genetic diversity with thousands of varieties grown throughout the world. Rice has been one of man’s most important foods. Today, this unique grain helps sustain two-thirds of the world’s population. It is life for thousands of millions of people. It is deeply embedded in the cultural heritage of their societies. About four-fifths of the world’s rice are produced by small-scale farmers and are consumed locally. Thus rice milling is the process of removing husk and part of bran from paddy in order to produce edible rice. Husk which is woody is not edible and must be first removed. A part of the bran (including germ) also

**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	<b>BAMBOO PLANTATION</b>  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
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should be removed to make the rice easy to cook and digest.

**USES AND APPLICATION**

All of the Principal cereal crops are used for food. Rice, wheat and Rye are used primarily as human food. Maize, sorghum, and Millet are important foods in some countries but are generally considered to be feed crops. Barley and oats have important uses for human food and beverages but most of the production is used for feed. Rice is used mainly as food in the form of whole milled grain cooked in water. It may also be used as flour, or in broken form. Rice is a fairly high cost commodity which limits its use in industrial products. However, rice milling by products have many uses. Since hulls or husks make up about 20% of the rough rice as it is received at the mill, considerable effort has been made to find uses for them. At one time most of the hulls were used as a fuel in the steam plants which provided power for rice mills but this is no longer a common practice. At present time hulls are used primarily in feeds, as an adjunct to prevent caking in fertilizers, for mixing with small seeded forage plants for reseeding ranges, for animal and poultry bedding, and as loose insulating material in walls of building and cold storage facilities. Finely ground hulls are also suitable for use in phenolic resins and in phenol formaldehyde plywood glues. Rice hulls are seldom used for the production of methyl alcohol, acetic acid, and other products because cheaper sources are available. They are not suitable for making paper or rayon pulps because of their short fibers and relatively low alpha - cellulose content etc.

**MARKET SURVEY**

Rice is one of the most important food crops of India in term of both area, production and consumer preference. India is the second largest producer and consumer of rice in the world. Rice production in India crossed the mark of 100 million MTnes in 2011-12 accounting for 22.81% of global production in that year. The productivity of rice has increased from 1984 kg per hectare in 2004-05 to 2372 kg per hectare in 2011-12. Indian share in global rice production has been hovering in the range of 19.50 to 24.52 % .Indian share dipped below 20 percent only in 2009-10. Production of rice in India is expected to drop this year from 104.3 million MT to 101.80 million MT (including 11.11 million MT rabi production) due to lower kharif output pegged at almost 90.69 million MT.

**COST ESTIMATION**

Capacity	: 289 MT/Day
Plant & machinery	: Rs. 236 Lakhs
Cost of Project	: Rs. 1074 Lakhs
Rate of Return	: 38.03%
Breakeven Point	: 46.93%

**READY MIX CONCRETE**

Ready mix concrete is a modern trend of introduction in the Asian Countries. It is already introduced long before in the European Countries. It is new concept of use concrete in the construction area. Ready mix concrete has advantages in the area where immediate requirement of concrete mixture like in the preparation of bridge overhead roads on or the road construction. In India there is a hopefull to get good scope of RMC within short period. The batching, mixing, transportation, placing, compaction, finishing and curing are very complimentary operations to obtain desired good

quality concrete. The good quality concrete is a homogeneous mixture of water, cement, aggregates and other admixtures. It is not just a matter mixing these ingredients to obtain some kind of plastic mass, but it is scientific process which is based on some well established principles and governs the properties of concrete mixes in fresh as well as in hardened state. The aim of quality control is to ensure the production of concrete of uniform strength in such a way that there is a continuous supply of concrete delivered to the place of deposition, each batch of which is as nearly like the other batches as possible. The production of concrete of uniform quality involves five definable phases: Batching or measurement of materials, Mixing of concrete, Transportation, Placing, compaction and finishing of concrete, and Curing.

**USES & APPLICATION**

It is used in the construction of bridge, dam etc, It is used in the construction overhead roads, pools, multi stories building etc, It can be directly used at the construction site. It help greater element of automation and precision concrete mixing. A much higher quality and more constituent uniformity and increase standardization and speed which is done ten times faster as compared to site mixed concrete. There are many advantages of RMC over site mixed concrete. Technologically speaking, ready mixed concrete is certainly advancement over the age-old site mixed concrete. The benefits of RMC in terms of quality, speed, life-cycle cost and environmental friendliness are overwhelmingly superior to those of site mixed concrete.

**MARKET SURVEY**

India is the second largest producer of cement in the world after China. It is followed by Japan and the USA. Cement consumption is very closely linked to the performance of the construction industry; however, since cement is used in both residential and non-residential construction, it doesn't experience extreme cycles. The non-residential sector is classified into commercial and industrial, and institutional segments. The residential and non-residential sectors are also classified as private and public construction. Cement and ready-mix concrete demand is dependent on the level of construction activities. Construction activities are in turn closely related to a number of macroeconomic factors such as consumer spending, population growth, manufacturing sector growth, inflation rates, government spending etc. The construction industry is the second largest industry in India after agriculture. It accounts for about 11% of India's GDP. It makes significant contribution to the national economy and provides employment to large number of people. Construction constitutes 40% to 50% of India's capital expenditure on projects in various sectors such as highways, roads, railways, energy, airports, irrigation etc. There are mainly three segments in the construction industry like real estate construction which includes residential and commercial construction; infrastructure building which includes roads, railways, power etc; and industrial construction that consists of oil and gas refineries, pipelines, textiles etc. Building material is any material which is used for a construction purpose. Many naturally occurring substances, such as clay, sand, wood and rocks, even twigs and leaves have been used to construct buildings. Apart from naturally occurring materials, many man-made products are in use. The

**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



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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



**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 fill now. ₹1000 US\$100



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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



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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**



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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



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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 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**

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Starch is a group of polysaccharides, composed of glucopyranose units joined together by glucosidic 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 or 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 and processes has been described in very proper way. ₹1100 US\$125



**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



**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 & Toilettries**



(With Formulae & Project Profiles) 3rd Edn. The book contains the formulae of different types of soaps, detergents (cake, powder and liquid) toilettries, analytical testing method, quality control of finished products, packing criteria of cosmetics and toilettries 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 Lotions for various uses, Lipsticks, Shampoos, Dandruff Tonics, Nail Polishers 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

biggest increase in private participation is expected in roads (from 5 per cent to 36), ports (47 per cent to 74 per cent) and railways (less than 1 per cent to 20 per cent). The Planning Commission estimates that the remaining infrastructure investments will be funded by the central and state government. According to a study by ASSOCHAM, the burgeoning Indian construction industry, currently worth \$70 billion, will rise to US \$120 billion by 2010. The Indian construction industry, an integral part of the economy and a conduit for a substantial part of its development investment, is poised for growth on account of industrialization, urbanization, economic development and people's rising expectations for improved quality of living in the coming years. The market size of cement and ready-mix concrete is defined as the amount of cement and ready-mix concrete products supplied to the total Indian marketplace, in a particular period. Therefore, market size is determined by supply rather than demand. The Ready-mix concrete business in India is in its nascent stage. In a developed country 70% of cement produced is used by the Ready-mix concrete industry. The usage of Ready-mix concrete could not be implemented as investors felt that the plants would starve due to non-availability of cement. The levy of additional taxes and duties on RMC, entry tax and excise duty also contributed to the slow development of the concept.

**COST ESTIMATION**

Capacity	: 240 Cu MT/Day
Plant & Machinery	: Rs 320 Lakhs
Cost of Project	: Rs. 773 Lakhs
Rate of Return	: 27.08%
Breakeven Point	: 46.09%

## FRUCTOSE SYRUP FROM BROKEN RICE (HFS 90%)

Glucose syrup is a popular substitute for sugar. It is more commonly referred to as corn syrup because its main ingredient is usually cornstarch. From a strictly chemical perspective, glucose syrup is the proper term for any liquid starch consisting of carbohydrates. In addition to cornstarch, it can be made from any form of starch, including wheat, rice or potatoes. Because of its successful and easy bonding with dry or solid substances, this syrup is the preferred sweetener for candy, chewing gum, jams, jellies and canned fruit. The

main benefit of this syrup over regular granulated sugar is its non-crystallizing properties. It is also praised for its preservative qualities. Makers of chocolate, ice cream and bakery products also prefer this syrup to sugar. Ice cream makers appreciate the anti-melting feature it adds to the frozen treat. Cream and fruit fillings in bakery products get a lot of their fluffiness and bulk from this type of syrup. Non-sweet foods and drinks also benefit from glucose syrup. The syrup also aids in fermentation and brewing processes utilized in beer and alcohol production. The high carbohydrate content preferred in processed baby foods is provided by the addition of this sugar substitute as well. Products not normally associated with sugar or sweeteners, such as pharmaceuticals, also contain this versatile syrup. It is used to flavor cough syrups and to make the coatings on vitamin and medicine tablets. Chewing tobacco is flavored with glucose syrup as well, which makes it appealing to the palate. The tobacco used in cigarette production is treated with this syrup solution to smooth out the taste of the tobacco. Both products also remain fresher longer due to the addition of this sweet additive. Non-consumables, such as leather, benefit from glucose syrup used in the tanning process. Dipping leather in glucose syrup gives it an appealing, glossy shine and makes the grain look fine. The syrup also makes the leather more pliable. When incorporated into oil extraction procedures, glucose syrup aids in the thickening process and adds gumming properties. Along those same lines, it stabilizes glues and adhesives and aids in keeping concrete from hardening too quickly. High fructose syrup is one kind of colorless or light yellow, transparent ropy liquid. It is gentle and sweet with special odour of fructose with neither any abnormal taste nor impurities. It has two types: one is 42%, the other is 55%. Fructose is processed from hydrolyzed rice starch and contains fructose a simple sugar carbohydrate, just like sucrose. It is about 95% sweeter than sucrose, less expensive than sugar, and mixed well in many foods. The content of fructose is more than 42% of total carbohydrates.

**USES & APPLICATION**

For human health, it can stimulate the metabolism of blood alcohol, which is helpful to prevent the damage caused by the excessive blood alcohol. A patient with 500ml fructose (40%) injection

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

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

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

	Handbook on Cosmetics (Processes, Formulae with Testing Methods) ₹ 1675/- US\$ 150		Handbook on Drugs from Natural Sources ₹ 1175/- US\$ 125
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**GUMS, ADHESIVES & SEALANTS, ROSIN &  
DERIVATIVES, RESINS AND OLEORESINS**

	The Complete Technology Book on Industrial Adhesives ₹ 1675/- US\$ 150		The Complete Book on Water Soluble Gums and Resins ₹ 1675/- US\$ 150
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## 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 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. **₹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 forest wealth. **₹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**

mainlined will gain good recovery. Fructose is one of natural carbohydrates that consist in fruits as well as in honey. With high sweet it can substitute for sucrose, which has some advantages: Fructose, also called "fruit sugar", is another important hexose found in many fruits and vegetables. Fructose satisfies the "sweet tooth", tasting twice as sweet as sucrose so it can be used in lower amounts. With good sweet sense and taste it is favorable for the use in carbonated drinks, beverages. It has already been used in some big drinks such as Coca Cola. Pepsi-Cola etc. It can improve textures and enhance colors without masking natural flavors, as in canned fruits and vegetables. So, it has already been a king of good sweetener in the beverage industry. It maintains moisture so cakes or breads keep soft, fresh without going stale and longer shelf life. It can depress freezing to prevent crystal formation in ice cream and other frozen desserts and keep products soft and delicious. Fructose is widely used in beverages, carbonated drinks, fruit drinks, breads, cakes, tinned fruits, jams, succades, dairy foods etc.

**MARKET SURVEY**

Indian tops the list sugar producing countries. The status of sugar industries in India, indicates that the existing sugar mills are a typical mix of old and new plants. Per capita consumption of sugar and other products like Gur and Khandsari is going up and is expected to increase from 12.3 and 12.5 kg to 17.0 kg and 16.0 kg respectively by the end of this century. Studies on the raw material situation for the last 13 years reveal, that cane production has stagnated at about 60 tons per hectare with less than 1% increase per year from 1977-78 to 1989-90. Any scope of enhanced production of sugar-cane must come mainly from the development of high yielding varieties and improved farm practices. The limitation of traditional sources for meeting the ever increasing demand of sweeteners must be recognized. Therefore, manufacture of sweeteners based on starchy materials offers an attractive source to fill up the demand-supply gap of sugar as suggested by experts. The Indian scene of HFCS industry is at a nascent stage. One or two units engaged in this field are either in the establishment stage or had stopped producing HFCS due its high cost of production and

poor demand in the consumer sector. The production and consumption of this particular product is not only limited due to its high cost, but also due to a general non-awareness about HFCS in the society. So, promotion of HFCS industry also demands an intensive campaign, highlighting the important advantages of HFCS, especially its rapid metabolism process in the human body and independence of insulin. The know-how for the manufacture of maize starch and its subsequent conversion to liquid glucose, meltodextrines, dextrose and sorbitol is indigenously available. HFCS is finding an increased use in soft drinks manufactured in the advanced countries. 50% to complete replacement of sugar with HFCS has been permitted in the U.S.A. Soft drink manufacturers in the country may also be persuaded to opt initially for at least 15-20% replacement. Gradually, other industries like bakery, processed foods, ice-creams etc., should also consider sugar replacement by HFCS.

**COST ESTIMATION**

Capacity	: 30 MT/Day
Plant & Machinery	: Rs. 343 Lakhs
Cost of Project	: Rs. 1525 Lakhs
Rate of Return	: 24.28%
Breakeven Point	: 55.59%

**PHARMACEUTICAL PELLETS AND GRANULES**

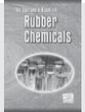
The word "Pellet" has been used to describe a variety of systematically produced, geometrically defined agglomerates obtained from diverse starting materials utilizing different processing conditions. Pellets range in size, typically, between 0.5 – 1.5 mm, though other sizes could be prepared. Pellets are for pharmaceutical purposes and are produced primarily for the purpose of oral controlled-release dosage forms having gastro resistant or sustained-release properties or the capability of site-specific drug delivery. For such purposes, coated pellets are administered in the form of hard gelatin capsules or disintegrating tablets that quickly liberate their contents of pellets in the stomach. As drug-delivery systems become more sophisticated, the role of pellets in the design and development of dosage forms is increasing. Formulation of drugs in multiple-unit dosage forms, such as coated pellets filled in capsules or compressed into tablets, offers flexibility as to target-release properties. The safety and efficacy of the formulation is higher than that of other dosage forms. Solid dosage formulation and design usually involves a serious of compromises, since producing the desired properties frequently involves competing objectives. The correct selection and balance of excipients materials and processes in a solid dosage formulation, to achieve the desired response is not in practice easy to achieve. Pellets are of a great interest to the pharmaceutical industry for a variety of reasons. Palletized products not only offer flexibility in dosage form design and development, but are also utilized to improve the safety and efficiency of bioactive agents. Pellets range in size, between 0.5 to 1.5.

**USES & APPLICATION**

Pellets/ granules may have varied applications

*Continue on page 32*

**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



AN ISO 9001 : 2008 CERTIFIED COMPANY



# 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

- ◆ Abrasive (Carborandom) Cloth (Emery Cloth)
- ◆ Abrasive and Flint Paper
- ◆ Abrasive Cake for Floor Polishing
- ◆ Abrasive Cake for Granite & Marble Polishing
- ◆ Abrasive Emery
- ◆ Abrasive Emery Cloth Paper
- ◆ Abrasive Grinding Wheel
- ◆ Abrasive Sand Paper
- ◆ Abrasive Cake (Cement Based)
- ◆ Admixture for Concrete
- ◆ Asbestos Cement Corrugated Sheet
- ◆ Automatic Brick Plant
- ◆ Bentonite
- ◆ Bonded Abrasives
- ◆ Bricks from Stone Dust
- ◆ Bricks from Fly Ash
- ◆ Bricks from Sandy Clay
- ◆ Bricks from Fly Ash (Triboelectric Beneficiation Process)
- ◆ Bricks from Fume Dust (Used In Construction)
- ◆ Cement (Clinker)
- ◆ Cement from Fly Ash & Lime
- ◆ Cement from Rice Husk
- ◆ Cement Grinding Unit
- ◆ Cement Plant
- ◆ Cement Plant (Large, Medium & Small Scale Unit)
- ◆ Cement from Lime Stone
- ◆ Cement Plant
- ◆ Cement Roofing Tiles
- ◆ Cement Tiles (Laying Over RCC Roof)
- ◆ Clay and Sand Bricks Plant (Light Wt.)
- ◆ Computerized Hot Mix Concrete

- ◆ Plant
- ◆ Emery Stone for Atta Chakki
- ◆ Emery Stone for Floor Polishing
- ◆ Ferro Cement Plant
- ◆ Fire Bricks
- ◆ Foundry Sand (Non Ferrous Metal)
- ◆ Glass Marbles
- ◆ Granite & Marble Chips
- ◆ Granite & Marble Polishing Stone
- ◆ Granite (Marble) Polishing Batti
- ◆ Granite (Marble) Polishing Unit
- ◆ Granite Monuments
- ◆ Granite Tiles and Slab
- ◆ Graphite Carbon Plate
- ◆ Graphite Crucibles
- ◆ Graphite Electrode for Arc Furnace
- ◆ Grinding Wheel Making Plant
- ◆ Gypsum Plaster Board
- ◆ Hollow Concrete Block
- ◆ Lime Bonded Fly Ash Bricks
- ◆ Magnesite Bond Polishing Brick, Resin Bond Polishing Brick & Resin Bond Final Polishing for Marble & Granite
- ◆ Marble from Marble Mining
- ◆ Marble-Granite Cutting & Polishing Unit
- ◆ Mini Cement Plant
- ◆ Mini Cement Plant (Slag Cement)
- ◆ P.V.C. Conduit Pipe
- ◆ Particle Board from Saw Dust
- ◆ PCC/RCC Pipes
- ◆ Plaster of Paris (P.O.P.)
- ◆ Plaster of Paris Bandages
- ◆ Plaster of Paris Board from Process of H-Acid Gypsum
- ◆ Prestressed Concrete Sleepers
- ◆ Process Food & Spices
- ◆ Ramming Mass and Fire Bricks

- ◆ from Magnesite
- ◆ 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
- ◆ Treated Cloth for Abrasive
- ◆ White Cement
- ◆ BAKERY, FOOD & ALLIED INDUSTRIES
- ◆ Animal Feed Using DateP i t s , Discarded Dates & Other Ingredients
- ◆ Apple Chips
- ◆ Asafoetida
- ◆ Atta Chakki
- ◆ Automatic Biscuit Making Plant
- ◆ Automatic Bread & Biscuit Plant
- ◆ Automatic Bread Plant
- ◆ Automatic Papad Plant
- ◆ Automatic Toffee & Candy
- ◆ Automatic Chapati Making Plant
- ◆ Alcohol from Potatoes
- ◆ Alcohol from Rice (Grains)
- ◆ Apple Juice Concentrate & Dehydrated Fruits & Vegetables
- ◆ Aquaculture Prawn Farming (100% EOU)
- ◆ Aquaculture Shrimp Farming
- ◆ Atta, Maida, Suji & Wheat Mill)
- ◆ Automatic Bread & Biscuit Unit (Modern Bakery) Plant
- ◆ Baker's Yeast
- ◆ Bakery Unit (Pastries, Bread, Buns, Cake, Toffee)
- ◆ Besan Plant
- ◆ Bottling Plant Country Liquor from Rectified Spirit
- ◆ Baby Cereal Food
- ◆ Baby Health Care Food & Milk

- ◆ Bakery Industries
- ◆ Baking Powder
- ◆ Banana & Its By Products
- ◆ Banana Powder
- ◆ Banana Puree
- ◆ Banana Wafers
- ◆ Basmati Rice Trading
- ◆ Beer & Wine
- ◆ Beer Industry
- ◆ Biscuits Making Plant
- ◆ Bottling Plant (Alcoholic & Non Alcoholic)
- ◆ Bottling Plant (I.M.F.L.)
- ◆ Bottling Plant (Country Liquor)
- ◆ Bread Plant (Semi-Automatic)
- ◆ Buffalo Meat Processing
- ◆ Cake Gel (Cake Improver)
- ◆ Candy Hard Boiled
- ◆ Canned Foods - Chopped Tomatoes, Cheeked Beans, Mushrooms
- ◆ Canned Juice - Carrot, Bottle Gourd/Long Melon (Lauki Ka Juice) In Tetra Pack
- ◆ Canning of Alcoholic and Non Alcoholic Beverages
- ◆ Caramel Colour from Sugar
- ◆ Canned Vegetables
- ◆ Canning and Preservation of Fruits & Vegetables
- ◆ Casein from Milk
- ◆ Cashew Fruits Juice from Cashew Apples
- ◆ Cashew Nut Kernel Extraction from Cashew Nut Fruits
- ◆ Cashew Apple Syrup Cum Orange / Lemon Squash.
- ◆ Cashew Feni
- ◆ Cashew Nut (Dried & Fried)
- ◆ Cashew Nut Shell Liquid & Kernel
- ◆ Cattle & Poultry Feed (Mix Feed)
- ◆ Cattle Feed with Molasses

## SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Cattle Feed
- ◆ Cattle Feed from Molasses & Bagasse
- ◆ Cattle Feed from Tapioca
- ◆ Cheese Analogues
- ◆ Chewing Gum & Bubble Gum
- ◆ Chewing Tobacco (Raja Type)
- ◆ Chewing Tobacco (Khaine) in Pouch Pack
- ◆ Chicken Meat Processing & Packaging
- ◆ Chilli Oil
- ◆ Chilli Powder
- ◆ Chilli Sauce
- ◆ Chocolate
- ◆ Chocolate & Confectionery
- ◆ Chocolate Drink
- ◆ Chocolate Drink (Liquid Form)
- ◆ Chocolate Drink (Powder form)
- ◆ Chocos (Ready to Eat Breakfast Cereal)
- ◆ Cocoa Beverages in Granules Form (Health Drink)
- ◆ Cocoa Butter and Cocoa Powder
- ◆ Coconut and Cashew Feni
- ◆ Coconut Oil from Copra
- ◆ Coconut Oil in Containers (Filtration & Airtight Packaging)
- ◆ Coconut Powder
- ◆ Coconut Processing Complex Unit
- ◆ Coconut Squash Jam & Cream
- ◆ Coconut Water
- ◆ Coffee Processing & Packaging
- ◆ Cold Drink
- ◆ Confectionery Products (Toffee & Candy)
- ◆ Corn Flaks
- ◆ Corn Oil (Maize Oil)
- ◆ Country Liquor
- ◆ Curcumin
- ◆ Curry Powder
- ◆ Custard Powder
- ◆ Caramel (Acid Proof/Spirit Proof)
- ◆ Cardamom Oil
- ◆ Cheating Ginger and Amlaki
- ◆ Chocolate
- ◆ Chocolate Drinks
- ◆ Cocoa Beverages (Health Drink) in Granules Form
- ◆ Coconut Shell Powder
- ◆ Corn Oil
- ◆ Cotton Seed Oil
- ◆ Curry Powder/Spices
- ◆ Dairy Products & Milk Packaging in Pouches (Ghee, Casein, Butter)
- ◆ Dall Mill
- ◆ Dehydration & Canning of Fruits & Vegetables
- ◆ Dextrose Powder (Monohydrate) from Starch
- ◆ Dairy Products
- ◆ Dall/Pulse Mill
- ◆ Deep Freezing of Vegetables Like Pea, Tomato, Potato
- ◆ Dehydrated Garlic Flakes & Granulated Powder
- ◆ Dehydrated Onion & Onion Powder
- ◆ Dehydrated Vegetables
- ◆ Dehydration & Canning of Fruit & Vegetables
- ◆ Dehydration & Pickling of Oyster Paddy Straw Mushroom
- ◆ Dehydration of Fruit & Vegetable (Osmo Dehydration Process)
- ◆ Dehydration of Fruit & Vegetable Juice
- ◆ Dehydration of Fruits & Vegetables
- ◆ Dehydration of Grapes
- ◆ Dehydration of Lime Fruit
- ◆ Dehydration of Vegetables & Tropical Fruit / Drying Crystallization
- ◆ Diabetic Food (Atta)
- ◆ Dog Food
- ◆ Drum Stick Powder
- ◆ Dry Ginger from Green Ginger
- ◆ Drying of Red Chillies
- ◆ Drying of Tropical Fruits
- ◆ Edible Corn Oil
- ◆ Edible Vegetable Oil Start from Grind Raw Material to Fine Filtered
- ◆ Edible Refined Oil
- ◆ Edible Plasticizer for Ragi Papad
- ◆ Edible Vegetable Oil
- ◆ Egg Powder
- ◆ Fish Canning in Tins & Pouches (100% EOU)
- ◆ Food Processing (Cassava Flour, Starch, Gari, Cuscus)
- ◆ Fried & Roasted Groundnut, Gram, Pea
- ◆ Fish & Poultry Feed
- ◆ Fish Canning in Tin (Pouching)
- ◆ Fish Dehydration
- ◆ Fish Meal
- ◆ Fish Processing
- ◆ Flour Mill (Atta & Besan)
- ◆ Food Colour (Coal Tar Based)
- ◆ Food Colour (Natural & Synthetic)
- ◆ Freezing of Fresh Vegetable for Export
- ◆ French Fries & Allied Potato Products
- ◆ Fresh Processed Frozen Vegetable Puree & Sauce 100% EOU
- ◆ Frozen Food (Fruits & Vegetables)
- ◆ Fruit Concentrates (Rasna Type)
- ◆ Fruit Drink in Tetra Pack
- ◆ Fruit Juice & Allied Products
- ◆ Fruit Juice (Mango) in Tetrapack
- ◆ Fruit Juice Bottling Plant
- ◆ Fruit Juice in Plastic Cups
- ◆ Fruit Juice in Tetrapack
- ◆ Fruit Juice Manufacturing
- ◆ Fruit Juice Powder
- ◆ Fruit Juice, Jam, Jellies and Allied Products
- ◆ Fruit Processing
- ◆ Fruit Pulp & Juices
- ◆ Fruit Pulp & Squashes
- ◆ Garlic Flakes
- ◆ Ginger Processing Plant
- ◆ Grape Wine
- ◆ Green Peas Processing and Canning
- ◆ Garlic Oil
- ◆ Garlic Paste
- ◆ Garlic Powder
- ◆ Ginger & Garlic Composite Plant
- ◆ Ginger Glazing & Preservation
- ◆ Ginger Oil
- ◆ Ginger Oil (Super Critical Co<sub>2</sub> Process)
- ◆ Ginger Paste in Pouch/Black Container
- ◆ Ginger Powder
- ◆ Ginger Processing (Peeling, Drying, Grinding & Blending)
- ◆ Gluten
- ◆ Gram Dall & Flour Mill with Modern Automatic Plant
- ◆ Gram Dall and Flour Mill
- ◆ Gur from Cane (Export Quality)
- ◆ Hard Sugar Candy
- ◆ Health Drink (Cocoa Beverages in Granules Form)
- ◆ Hing (Asafoetida)
- ◆ Honey Processing & Packaging
- ◆ Honey Roasted Peanut
- ◆ Indian Made Foreign Liquors
- ◆ Ice Cream Manufacturing
- ◆ Ice Cream of Different Flavours
- ◆ Ice Cube Plant
- ◆ Ice Making Plant
- ◆ Imported Palm Oil Processing
- ◆ Instant Coffee
- ◆ Instant Foods (Idli Mix, Vada Mix, Gulabjamun Mix, Sambar Mix)
- ◆ Instant Noodles
- ◆ Instant Tea
- ◆ Instant Tea & Coffee (Premixed with Sugar & Milk)
- ◆ Invert Sugar
- ◆ Iodised Salt Free Flowing From Sea Water
- ◆ Iodized Salt (Ordinary & Moistureless free Flowing)
- ◆ Iodized Salt free Flowing
- ◆ Isolation of Citral & Ionones from Lemon Grass Oil
- ◆ Jam Jelly (Chutny, Pickles & Squash)
- ◆ Karela Powder (Bitter Guard Powder)
- ◆ Katha
- ◆ Katha and Cutch
- ◆ Khaine (Chewing Tobacco)
- ◆ Khandsari Sugar
- ◆ Lactin (Soya Based)
- ◆ Liquid Glucose from Broken Rice
- ◆ Liquid Glucose from Maize & Maize Oil
- ◆ Liquid Glucose from Potato
- ◆ Litchi Juice
- ◆ Locally Made Foreign Liquor
- ◆ Maize & Its by Products
- ◆ Maize Processing for Glucose
- ◆ Maize Products (Starch, Oxidized Starch, Liquid Glucose & Dextrose)
- ◆ Maize Oil
- ◆ Margarine Fat
- ◆ Mayonnaise
- ◆ Menthol Crystals (EOU)
- ◆ Milk Products
- ◆ Milk Toffee Manufacturing
- ◆ Modern Rice Mill
- ◆ Mushroom Growing & Processing with Air Conditioning
- ◆ Macaroni Manufacturing
- ◆ Macaroni, Spaghetti Vermicelli & Noodles
- ◆ 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
- ◆ Masala (Spices) [EOU]
- ◆ Menthol Crystal from Menthol Oil
- ◆ Milk Chilling & Packaging Plant
- ◆ Milk Paneer
- ◆ Milk Plant with Pouch Packing
- ◆ Milk Powder and Ghee
- ◆ Milk Powder, Pasteurised Milk, Butter, Cheese & Ghee
- ◆ Milk Product Butter, Ghee, Ice Cream
- ◆ Milk Product Cheese
- ◆ Mineral Water Bottling Plant
- ◆ Mineral Water in Pouches
- ◆ Mini Flour Mill (Disk Type)
- ◆ Mini Sugar Plant
- ◆ Modern Basmati Rice
- ◆ Modern Bread & Bakery Unit (Bread, Buns, Rush)
- ◆ Modern Bread & Buns (Bakery Unit)
- ◆ Modern Chilly Powder
- ◆ Modified Starch
- ◆ Mushroom Processing and Canning
- ◆ Mustard Oil Mill
- ◆ Namkeen (Dalmoth, Bhujia, Chanachoor)
- ◆ Non-Dairy Whipping Cream
- ◆ Oleoresin of Spices
- ◆ Oleoresin from Chilly
- ◆ Onion Storage
- ◆ Onion & Potato Powder
- ◆ Onion Powder
- ◆ Organic Food
- ◆ Pan Masala in Pouch and Tin
- ◆ Pack, Sada, Meetha, Zarda & Kham
- ◆ Pan Masala, Gutka, Sweet Supari, Chewing Tobacco & Khaine
- ◆ Pan Masala & Gutka
- ◆ Pan Masala in Pouch & Tin Pack Sada, Meetha, Zarda
- ◆ Pan Masala in Pouch Pack
- ◆ Pan Masala, Gutka & Pouch Making Plant
- ◆ Papad Plant (Automatic)
- ◆ Pectin from Apple Pomace
- ◆ Paneer from Soya Milk
- ◆ Papad & Bari
- ◆ Papad Plant (Imported/Automatic)
- ◆ Parboiled Rice Mill
- ◆ Pasteurised Milk & Cheese Mfg. Unit
- ◆ Pasteurised Milk Packing
- ◆ Packaged Drinking Water
- ◆ Palm Oil Processing (Imported)
- ◆ Peanut Butter
- ◆ Pectin from Mango Peel
- ◆ Pickles (Vegetarian & Non Vegetarian)
- ◆ Pickles Murabbas (Veg. & Non Veg.)
- ◆ Pickles, Murabbas, Sauces & Squashes
- ◆ Pig Meat Processing (800 Pkg/Day)
- ◆ Piggery Meat Processing
- ◆ Piggery / Meat / Chicken Processing
- ◆ Pine Apple Slice Canning
- ◆ Pineapple Juice Manufacturing & Canning
- ◆ Pickles
- ◆ Poha (Chiwra)
- ◆ Pork Products
- ◆ Pork Processing & Pig Farming
- ◆ Potato and Onion Flakes
- ◆ Potato Chips
- ◆ Potato Chips & Its By-Products
- ◆ Potato Chips (Imported M.C.)
- ◆ Potato Granules
- ◆ Potato Powder (Automatic)
- ◆ Potato Powder, Flakes & Pellets
- ◆ Potato Starch
- ◆ Potato Wafers (Imported Plant)
- ◆ Potato Chips in Different Flavours
- ◆ Potato Chips/Waffers
- ◆ Poultry and Broiler Farming
- ◆ Poultry Feed
- ◆ Poultry Processing (Processed Meat)
- ◆ Potato Powder (In Low Investment)
- ◆ Processed Food & Spices
- ◆ Processed Fruits and Vegetables
- ◆ Processing & Packing of Snack Food
- ◆ Processing of Food Grain/Pulse and Retail Packaging
- ◆ Production of Date Syrup, Date Paste, Date Jam & Date Food
- ◆ Ragi Biscuits
- ◆ Refined Oil (Cotton Seed, Ground Nut, Sunflower)
- ◆ Rice Polishing & Packaging in Pouches
- ◆ Refining of Edible Oil
- ◆ Rice & Corn Flakes
- ◆ Rice Noodles
- ◆ Roasted/Salted/Masala Cashew nuts, Almonds & Snack Food (Roll & Ball Type)
- ◆ Rice Flakes (Poha)
- ◆ Roasted & Fried Dry Fruits, Grain, Grams, Peas Etc. (In Pouch)
- ◆ Roasted / Salted / Coated Cashewnut, Peanuts, Almonds
- ◆ Roller Flour Mill (Maida & Suzi)
- ◆ Roller Flour Mill (Mini Flour Mill)
- ◆ Sacharine (Both Soluble & Insoluble)
- ◆ Salted Cashewnut Processing
- ◆ Sattu Manufacturing
- ◆ Semi Automatic Plant for Toffee
- ◆ Shiitake Mushroom
- ◆ Silver Coated Sugar Balls

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

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## SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Skimmed Milk Powder
  - ◆ Slaughter House
  - ◆ Snack Food (Crax Type) Roll & Ball Type
  - ◆ Soft Drink (Carbonated)
  - ◆ Soft Drink (Cola, Orange, Lemon, Mango, Pulp, Ginger, Clear Lemon, 7up Type)
  - ◆ Soft Drink Concentrate
  - ◆ Softy Ice Cream Cones (Automatic/ Imported Plant)
  - ◆ Soumf Supari (Elaichi Flavour)
  - ◆ Soya Bean Milk from Soya
  - ◆ Soya Products
  - ◆ Soyabean Baryian (Automatic)
  - ◆ Soyabean Meat
  - ◆ Soyabean Oil from Soyabean Seed & Cattle Feed
  - ◆ Soyabean Product (Soyabean Oil, Soya Paneer, Soya Extract)
  - ◆ Soda Water Bottling Plant
  - ◆ Softy Ice Cream
  - ◆ Spices
  - ◆ Spice & Allied Products
  - ◆ Spice Oleoresin (Chilly Oil) by Super Critical Process
  - ◆ Spice Oleoresin (Ginger)
  - ◆ Spices (Eou)
  - ◆ Spices (Garlic Base Spices with Packing in Bags)
  - ◆ Starch & Allied Product from Maize
  - ◆ Starch (A & B)
  - ◆ Starch from Maize
  - ◆ Starch from Tapioca
  - ◆ Sugar Coated Cashew Nuts, Almonds, Peas
  - ◆ Supari (Sweet) (Betel Nut)
  - ◆ Sugar Candy (Bombay Mishri Type)
  - ◆ Sugar Candy (Mishri)
  - ◆ Sugar Candy (Pearl Type)
  - ◆ Sugar Cane Juice Preservation
  - ◆ Sugar Cubes
  - ◆ Sugar Pellets
  - ◆ Sugar Plant
  - ◆ Sun Flower Seed Oil
  - ◆ Sweet Scented Supari
  - ◆ Tamarind Pulp
  - ◆ Tamarind Juice Concentrates
  - ◆ Tamarind Juice Powder
  - ◆ Tamarind Kernel Powder
  - ◆ Tamarind Pulp from Tamarind
  - ◆ Tea Packaging Unit
  - ◆ Tea Plantation & Processing
  - ◆ Tea Bag
  - ◆ Tea Bag (Dip-Dip Type) Tea Processing
  - ◆ Tea Packaging Industries
  - ◆ Tea Plantation & Processing
  - ◆ Tea Processing & Packaging
  - ◆ Tejpatta Oil from Tejpatta
  - ◆ Tomato Processing Unit
  - ◆ Tomato Pulp
  - ◆ Tomato Paste (Tomato Concentrate)
  - ◆ Tomato Powder
  - ◆ Tomato Product in Pouch (Sauce, Ketchup)
  - ◆ Tomato Product Manufacturing
  - ◆ Trading Business (Rice, Salt, Dry Fruits)
  - ◆ Turmeric Powder
  - ◆ Tuty Fruity from Papaya
  - ◆ Upgrading of Salt
  - ◆ Vinegar
  - ◆ Vanaspati Ghee (Hydrogenated Vegetable Oil)
  - ◆ Vegetable Margarine Plant
  - ◆ Vegetable Oil (Refined)
  - ◆ Vermicelli
  - ◆ Virgin Coconut Oil
  - ◆ Vitamins & Minerals Enriched Various Designed Corn Flakes
  - ◆ Vodka from Potatoes
  - ◆ Wheat Puff
  - ◆ White Oat Processing
  - ◆ Wine, Brandy, Whisky & Champagne
  - ◆ Yeast from Molasses
  - ◆ Yogurt in Plastic Cups
  - ◆ Zarda, Kimam, Tobacco
  - ◆ Zarda, Kimam No-60, 120, 160, 240, 300 & 400
  - ◆ Zarda of Various Grades
  - ◆ Zarda-Zafrani Baba Chaap
- AGROBASED**
- ◆ Alcohol from Potato
  - ◆ Alcohol from Rice Straw
  - ◆ Aloevera Juice, Gel and Powder
  - ◆ Aquaculture Fish (Bream) Farming
  - ◆ Aquaculture Fish Farming
  - ◆ Aquaculture Prawn Farming Equipped with Cold Storage
  - ◆ Aquaculture/ Shrimp Farming
  - ◆ Arecanut (Betel Nut) Processing Unit
  - ◆ Asparagus Cultivation & Processing
  - ◆ Atta Chakki Plant
  - ◆ Banana & Its By Products
  - ◆ Banana Powder
  - ◆ Bee Keeping, Honey Processing and Packaging
  - ◆ Bio-Coal Briquettes from Agricultural Cellulosic Waste
  - ◆ Broom Stick Processing Unit
  - ◆ Button Mushroom Cultivation, Processing & Canning
  - ◆ Canning of Mango Pulp & Mango Slices
  - ◆ Cashew Nut Kernal Extraction from Cashew Nut Fruits
  - ◆ Cashew Nut Shell Liquid & Kernel Processing
  - ◆ Cashew Nut Shell Liquid (CNSL)
  - ◆ Cashewnuts (Dried and Fried)
  - ◆ Cattle and Poultry Feed
  - ◆ Cattle Breeding
  - ◆ Cattle Breeding & Dairy Farm to Produce Milk
  - ◆ Cattle Farm
  - ◆ Cement from Rice Husk
  - ◆ Charcoal from Bagasse
  - ◆ Charcoal from Coconut Shell
  - ◆ Chicken Meat Processing & Packaging
  - ◆ Chilly Powder
  - ◆ Coconut & Cashew Feni
  - ◆ Coconut & Its Products
  - ◆ Coconut Fibre
  - ◆ Coconut Oil from Copra
  - ◆ Coconut Processing Unit (Complex)
  - ◆ Coconut Shell Powder
  - ◆ Coconut Squash Jam & Cream
  - ◆ Coconut Water
  - ◆ Coffee Processing & Packaging
  - ◆ Coir Handicraft
  - ◆ Coir Pith Products (Briquettes, Artificial Door & Manure)
  - ◆ Coir Industry
  - ◆ Coir Pith
  - ◆ Curry Powder
  - ◆ Cut Flower Rose (Floriculture)
  - ◆ Dairy Agro (Cow, Goat, Broiler) Farming
  - ◆ Dairy Farm to Produce Milk
  - ◆ Dairy Farm to Produce Milk in Poly Pack
  - ◆ Dairy Farming & Dairy Products
  - ◆ Dairy Farming & Milk Packaging
  - ◆ Dairy Farming to Produce Milk for Co-Operative Society
  - ◆ Dairy Unit with Water Treatment Plant, Cold, Storage with Total Air Conditioning Plant
  - ◆ Dairy Products
  - ◆ Dal Mill
  - ◆ De-Carbonised (Smokeless Coke / Soft Coke)
  - ◆ Dehulling of Sesam Seeds
  - ◆ Dehydrated Garlic Flakes and Granulated Powder
  - ◆ Dehydrated Onion & Onion Powder
  - ◆ Dehydration & Canning of Fruits and Vegetables
  - ◆ Dehydration of Vegetable & Tropical Fruits
  - ◆ Desiccated Coconut Powder from Coconuts
  - ◆ Dry Ginger from Green Ginger
  - ◆ Drying of Tropical Fruits
  - ◆ Extraction of Soyabean Oil from Oil Seeds & Cattle Feed (Expander Extrusion Cooking Process)
  - ◆ Fish Farming
  - ◆ Fish Farming (Prawn & Others) & Marine Products
  - ◆ Fruit Juice in Plastic Cups
  - ◆ Fruit Juice Powder
  - ◆ Fruit Juice, Jam and Allied Products
  - ◆ Fruit Juices Making and Packing in Plastic Containers (Pouches)
  - ◆ Fruit Pulp and Juice Concentrate
  - ◆ Fuel Briquettes from Agro Waste
  - ◆ Garlic Powder
  - ◆ Ginger & Garlic Composite Plant (Flake and Powder)
  - ◆ Ginger Oil
  - ◆ Ginger Powder
  - ◆ Ginger Processing (Peeling Drying, Grinding, Bleaching)
  - ◆ Goat and Sheep Farming
  - ◆ Goat Farming
  - ◆ Gram Dall & Flour Mill with Modern Automatic Plant
  - ◆ Gram Dall and Flour Mill
  - ◆ Green House (Micro Plant Propagation)
  - ◆ Hard Board from Rice Husk
  - ◆ Hard Board from Bagasse
  - ◆ Hard Board from Saw Dust
  - ◆ Honey Processing & Packaging
  - ◆ Hybrid Seed Production, Bio-Technology & Export Dedicated Floriculture with Green House Cultivation
  - ◆ Instant Tea
  - ◆ Integrated Sericulture
  - ◆ Invert Sugar
  - ◆ Katha and Cutch
  - ◆ Liquid Glucose from Maize & Maize Oil
  - ◆ Liquid Glucose from Potatoes
  - ◆ Maize Processing for Glucose
  - ◆ Maize Wet Milling Process
  - ◆ Mango Juice
  - ◆ Mango Powder
  - ◆ Mango Pulp
  - ◆ Medicinal / Herbal Plants Cultivation
  - ◆ Milk Chilling & Packing Plant
  - ◆ Mini Sugar Plant
  - ◆ Modern Rice Mill
  - ◆ Mushroom Growing and Processing (By Deep Freezing Method)
  - ◆ Mustard Oil
  - ◆ Neem Oil from Seeds
  - ◆ Newsprint Paper from Rice Straw & Bagasse
  - ◆ Nursery Farms
  - ◆ Nursery for Producing Tree-Sapling
  - ◆ Onion & Potato Powder
  - ◆ Onion Storage
  - ◆ Paneer from Soyamilk
  - ◆ Papad & Bariya
  - ◆ Paper from Rice Husk & Wheat Husk
  - ◆ Parboiled Rice Mill
  - ◆ Partical Board from Bagasse
  - ◆ Particle Board from Cotton Stem
  - ◆ Particle Board from Rick Husk
  - ◆ Particle Board from Saw Dust
  - ◆ Pectin from Apple Pomace
  - ◆ Pectin from Citrus, Lemon & Oranges
  - ◆ Pectin from Mango Peel
  - ◆ Pig Farming
  - ◆ Pig Farming with Pork Processing
  - ◆ Pig Meat Processing (800 Pig/ Day)
  - ◆ Pineapple Juice Manufacturing & Canning
  - ◆ Poha (Chiwra)
  - ◆ Potato Chips
  - ◆ Potato Powder
  - ◆ Poultry & Poultry Farm with Hatchery
  - ◆ Poultry and Broiler Farming
  - ◆ Poultry Farm (Cap: 100000 Birds/ Annum)
  - ◆ Poultry Feed
  - ◆ Poultry Processing Plant
  - ◆ Poultry Project
  - ◆ A. Broiler Farm,
  - ◆ B. Broiler Processing, & C. Feed Mill
  - ◆ Processed Fruits & Vegetables
  - ◆ Pulp from Wood, Bamboo and Grass
  - ◆ Rabbit Farming
  - ◆ Refined Oil (Cotton Seed Oil, Groundnut Oil and Sun Flower Oil)
  - ◆ Sandal Wood Oils & Powder
  - ◆ Seed Grading/Processing
  - ◆ Soft Board & Hard Board from Coir Dust
  - ◆ Solvent Extraction Plant (Oil Cake Based)
  - ◆ Soyabean Products
  - ◆ Spices
  - ◆ Sponge Gourd Processing Unit
  - ◆ Starch & Allied Products from Maize
  - ◆ Sugar Pallets
  - ◆ Sugar Plant
  - ◆ Sugarcane Juice Preservation
  - ◆ Sun Flower Oil
  - ◆ Tamarind Juice Concentrate
  - ◆ Tamarind Juice Powder
  - ◆ Tamarind Kerenel Powder
  - ◆ Tamarind Pulp
  - ◆ Tamarind Seed Decorticating & Powder Starch Making
  - ◆ Tea Packaging Industry
  - ◆ Tea Processing & Packaging
  - ◆ Tissue Culture (100% EOU)
  - ◆ Tobacco Creamy Snuff
  - ◆ Tomato Paste
  - ◆ Tomato Products (Tomato Juice, Tomato Puree, Tomato Ketchup)
  - ◆ Trading Business (Rice, Salt, Dry Fruits, Etc.)
  - ◆ Turmeric Powder
  - ◆ Vanaspati Ghee
  - ◆ Wheat Germ Oil
- BIO CHEMICALS & BIOTECHNOLOGY PRODUCTS**
- ◆ Absolute Alcohol (Ethanol)
  - ◆ Absolute Alcohol from Molasses
  - ◆ Acetic Acid from Molasses
  - ◆ Acetic Acid from Natural Gas
  - ◆ Alcohol from Potatoes
  - ◆ Aqua Culture Shrimp Farming
  - ◆ Aquaculture Fish
  - ◆ Aquaculture Prawn Farming
  - ◆ Bio Fertilizer
  - ◆ Bio Fertilizer from Cotton Seed Cake
  - ◆ Bio-Fertilizer (Organic Fertilizers) from Garbage
  - ◆ Bio-Fertilizer (Organic Manure)
  - ◆ Bio-Fertilizer from Birds Excreta
  - ◆ Bio-Fertilizers from Cow dung & Other Wastes
  - ◆ Bio-Diesel from Cooking Oil
  - ◆ Biogas Power Plant
  - ◆ Bio Gas Power Plant from Cowdung
  - ◆ Bio Gas Production (Manual)
  - ◆ 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

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

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## SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Cut Flower Rose [Floriculture]
  - ◆ Dehydration and Pickling of Oyster Paddy Straw Mushroom
  - ◆ Enzymes
  - ◆ Ephedrine Hydrochloride
  - ◆ Ethanol as Bio-Fuels
  - ◆ Ethyl Alcohol from Molasses
  - ◆ Floriculture
  - ◆ Floriculture with Green House (Cut Flower Rose)
  - ◆ Herbal Extracts
  - ◆ Hybrid Seed Production
  - ◆ Hybrid Seeds
  - ◆ Industrial Enzymes
  - ◆ Insecticides from Neem Seeds
  - ◆ Neemoil & Leaves
  - ◆ 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 Fertilizer
  - ◆ Organic Foods
  - ◆ Organic Manure from Municipal Solid Wastes
  - ◆ Papain Manufacturing
  - ◆ Prawn Fish Farming
  - ◆ Tissue Cultures (100% EOU)
  - ◆ Vermi - Compost
  - ◆ Vermiculture
  - ◆ Vermiculture Chemical Industries
  - ◆ Yeast
- COCONUT**
- ◆ Activated Carbon from Coconut Shell
  - ◆ Coconut Fiber Unit
  - ◆ Coconut Oil
  - ◆ Coconut Plantation
  - ◆ Coconut Shell Powder
  - ◆ Coconut Squash Jam & Cream
  - ◆ Coconut Water
  - ◆ Coir Pith Products
  - ◆ Integrated Coconut Processing
  - ◆ Rubberised Coir
- CHEMICALS & ALLIED 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- Disulphonic Acid
  - ◆ Absolute Alcohol (Ethanol)
  - ◆ Absolute Alcohol
  - ◆ 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 Slurry (L.A.B.)
  - ◆ Acid Washed Granulated Activated Carbon
  - ◆ Activated Alumina
  - ◆ Activated Bleaching Fuller Earth
  - ◆ Activated Carbon & Sodium Silicate from Rice/Paddy Husk
  - ◆ Activated Carbon from Bamboo
  - ◆ Activated Carbon from Fuller Earth Slum
  - ◆ Activated Carbon from Wood
  - ◆ Activated Carbon Powder & Granulated
  - ◆ Activated Charcoal
  - ◆ Activated Charcoal from Wood
  - ◆ Acid Proof/Spirit Proof Caramel
  - ◆ Acid Slurry (By Manual Process)
  - ◆ Acrylic Acid from Propylene
  - ◆ Acrylic Resin (Emulsion Type)
  - ◆ Activated Carbon from Cashewnut Shell
  - ◆ Activated Carbon from Coconut Shell & Bamboo
  - ◆ Activated Carbon from Coconut Shell By Steam Activation Process
  - ◆ 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, Rice Husk and Coconut Shells
  - ◆ Activated Carbon from Wood, Rice Husk & Saw Dust
  - ◆ Aerosol Silicon Spray
  - ◆ Agar Agar (Bacteriological Grade)
  - ◆ Alkyd Resin
  - ◆ Alum
  - ◆ Alum (Non-Ferric)
  - ◆ Aluminium Fluoride
  - ◆ Amla Hair Oil Based on Vegetable Oil
  - ◆ 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 (Soyabean Oil And Linseed Oil)
  - ◆ Alkyd Resin from Cotton Seed Oil
  - ◆ Alum (Ferric & Non Ferric)
  - ◆ Alum for Paper Industries
  - ◆ Aluminium Hydroxide (I.P.)
  - ◆ Aluminium Hydroxide Gel
  - ◆ Aluminium Silicate
  - ◆ Aluminium Slug (Used for Collapsible Tube Containers)
  - ◆ Amino Acid
  - ◆ Ammonia Gas
  - ◆ Ammonia Gas Bottling Plant
  - ◆ Ammonium Nitrate
  - ◆ Ammonium Nitrate from Fertilizer
  - ◆ Ammonium Sulphate
  - ◆ Ammonium Chloride
  - ◆ Amyl Acetate
  - ◆ Anilin Oil By Hydrogenation from Benzene
  - ◆ Anti Scaling / Descaling Chemicals
  - ◆ Anhydrous Ferric Chloride
  - ◆ Antimony
  - ◆ Antimony Potassium Tartrate
  - ◆ Antimony Trioxide
  - ◆ Assaying Gold
  - ◆ Ascorbic Acid (Vitamin C) from Lemon
  - ◆ Bacteriological Grade Agar 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
  - ◆ Caffeine from Tea Waste
  - ◆ CaCO<sub>3</sub> Filled Master Batches
  - ◆ Calcined Lime
  - ◆ Calcining of Magnesite & Deadburnt Manganese Oxide
  - ◆ Calcite Alumina Powder
  - ◆ Calcium Carbonate (Pre Activated)
  - ◆ Calcium Carbonate Precipitated
  - ◆ Calcium Propionate
  - ◆ Calcium Salt for Higher Fatty Acid Using Cotton Seed Oil
  - ◆ Calcium Silicate
  - ◆ Camphor Tablet (Synthetic)
  - ◆ Cancer Hospital
  - ◆ Casein from Milk
  - ◆ Caustic Soda (Sodium Hydroxide) Naoh
  - ◆ Caustic Soda Lye
  - ◆ Calcining of Magnesite & Dead Burnt Manganese Oxide
  - ◆ Calcium Carbide
  - ◆ Calcium Carbonate (Precipitated & Activated)
  - ◆ Calcium Carbonate By Using Sea Shell
  - ◆ Calcium Carbonate from Lime Stone
  - ◆ Calcium Carbonate from Marble Chips
  - ◆ Calcium Chloride
  - ◆ Calcium Gluconate
  - ◆ Calcium Hypochloride
  - ◆ Calcium Nitrate
  - ◆ Calcium Oxide (Lime Stone Powder)
  - ◆ Calcium Palmitate (Used as Cattle Feed)
  - ◆ Calcium Salt for Higher Fatty Acid Using Cotton Seed Oil
  - ◆ Calcium Sennosides and Its Products from Senna
  - ◆ Camphor Powder
  - ◆ Camphor Sheet from Camphor Powder
  - ◆ Camphor Tablet
  - ◆ Carbon Black from Natural Gas
  - ◆ Carbon Black from Dry Cell Batteries
  - ◆ Carbon Black from Fertilizer's Waste
  - ◆ Carbon Dioxide (CO<sub>2</sub>)
  - ◆ Carbon Dioxide from Boiler Exhaust Gases
  - ◆ Carbon Powder
  - ◆ Carbon Tetra Chloride
  - ◆ Carboxy Methyl Cellulose
  - ◆ Cationic Softener
  - ◆ Caustic Flakes from Sea Water
  - ◆ Caustic Soda
  - ◆ Cellulose Powder from Cotton Linter (Waste of Cotton)
  - ◆ Cellulose Acetate
  - ◆ Cellulose Powder & Microcrystalline Cellulose Powder
  - ◆ 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 (CHCl<sub>3</sub>)
  - ◆ Choline Chloride
  - ◆ Chromic Acid
  - ◆ Citric Acid from Molasses
  - ◆ Citric Acid from Lemon
  - ◆ CNSL Based Resin in Powder & Liquid Form
  - ◆ Coalchar from Activated Carbon
  - ◆ Cobalt Octoate
  - ◆ Construction Chemicals
  - ◆ Coolent Engines
  - ◆ Copper Sulphate
  - ◆ Copper Sulphate from Copper Ash
  - ◆ Corrosion Controlling Chemicals (Pipe Lines)
  - ◆ D.O.P. (Diocetyl Phthalate)
  - ◆ Defoaming Agent for Paper Industries
  - ◆ Dehydrated Lime
  - ◆ Derivative of Geraniol & other Alcohols Extract B-Pinene Derivative Based on Pinene
  - ◆ Dextrin from Starch
  - ◆ Dhooop (Loban) Benzoin
  - ◆ Di Calcium Phosphate from Rock Phosphate Haifa Process
  - ◆ Di-Butyl Phthalate (DBP)
  - ◆ 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
  - ◆ Ethyl Acetate
  - ◆ Ethyl Alcohol from Molasses
  - ◆ Ethyl Ortho Phthalate
  - ◆ Ethyl Vanillin
  - ◆ Ethylene Diamine
  - ◆ Ethylene Glycol Mono-Stearate, Ethylene Glycol Di-Stearate
  - ◆ Ethylene Oxide By Ethylene Oxidation
  - ◆ 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)
  - ◆ Fatty Acid
  - ◆ Ferric Alum
  - ◆ Ferric Alum for Water Treatment
  - ◆ Ferric Chloride (Anhydrous)
  - ◆ Ferric Chloride Solution
  - ◆ Ferric Oxide
  - ◆ Ferric Sulphate
  - ◆ Ferric Sulphate (Powder)
  - ◆ Ferro Alloy
  - ◆ Ferro Manganese (By Alumina Thermic Process)
  - ◆ Ferro Silicon
  - ◆ Ferrous Silicate
  - ◆ Ferrous Sulphate
  - ◆ Fire Works
  - ◆ Fluorine Chemical (Hydro Fluoric Acid)
  - ◆ Foaming Agent
  - ◆ Formaldehydeformic Acid
  - ◆ Formulation of Super Plasticizer
  - ◆ Fuller Earth
  - ◆ Furfural from Rice Husk/Hull
  - ◆ G. Acid
  - ◆ Gasket Shellec 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 Monostearate
  - ◆ Gold Potassium Cyanide
  - ◆ Gold Salt
  - ◆ Gossypol
  - ◆ Ground Calcium Carbonate
  - ◆ Guar Hydroxy Propyl Triammonium Chloride

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

### NIIR PROJECT CONSULTANCY SERVICES

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## SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ 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 Concentrated Formalin
- ◆ Hydrated Lime
- ◆ Hydrated Lime from Sea Shell
- ◆ Hydrochloric Acid
- ◆ Hydrogen Peroxide (90% or 50%)
- ◆ Hydrogen Peroxide (By Auto Oxidation Process)
- ◆ Hydrogen Peroxide By Ethyl Anthraquinone Catalytic
- ◆ 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)
- ◆ Isophthalic Acid
- ◆ Isolation of Citral & Ionones from Lemon Grass Oil
- ◆ Isophthalic Acid Resin
- ◆ L A B (Linear Alkyl Benzene)
- ◆ L-Ascorbic Acid (Vitamin C)
- ◆ Laboratory Chemicals
- ◆ 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 from Sunflower Oil
- ◆ Lecithin (Soya Based)
- ◆ Light Magnesium Oxide
- ◆ Lime Stone Powder
- ◆ Linear Alkyl Benzene
- ◆ Liquid Oxygen Bottling Plant
- ◆ Low Carbon Ferro Manganese
- ◆ M-Dinitrobenzene
- ◆ Magnesite from Megnesite Ore
- ◆ Magnesium from Sea Water
- ◆ Magnesium Hydroxide
- ◆ Magnesium Hydroxide Powder
- ◆ Magnesium Powder (Light)
- ◆ Magnesium Sulfate as Fertilizer Grade
- ◆ Magnesium Sulphate
- ◆ Maleic Anhydride
- ◆ Manganese Sulfate from Ferromanganese Content 30% Mn<sub>2</sub>O<sub>3</sub>
- ◆ Manganese Sulphate
- ◆ Metal Paste
- ◆ Medium Grade Ferro Manganese
- ◆ Melamine
- ◆ Melamine Formaldehyde Powder
- ◆ Methyl Methacrylate
- ◆ Meta-Dinitro Benzaldehyde
- ◆ Metal Naphthenates
- ◆ Metal Paste
- ◆ Metal-Pre-Treatment Chemicals
- ◆ Metanilic Acid
- ◆ Methyl Acrylate
- ◆ Methyl Ethyl Ketone Oxime
- ◆ Methyl Ethyl Ketone Peroxide
- ◆ Methyl Ethyl Ketone Peroxide
- ◆ Methyl Salicylate
- ◆ Metrodinazole
- ◆ Micro Nutrients Mixture Solid
- ◆ Mixed Fertilizer (Chemical Based)
- ◆ Mixed Fertilizer (Organic Waste)
- ◆ Mono Ethylene Glycol
- ◆ Mono Sodium Glutamate
- ◆ Mosquito Coil
- ◆ N-Acetyl Glucosamin Through Chitin Biotechnically
- ◆ Naphtha Based Solvent
- ◆ Naphthalene Balls
- ◆ Naphthalene from Coaltar & Petroleum Waste
- ◆ Naphthole Astr
- ◆ N-Butyl Acetate
- ◆ 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
- ◆ 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.V.C. Stabilizer (Lead Stearate & Calcium Stearate)
- ◆ Paint Driers
- ◆ Para Aminophenol
- ◆ Para Toluene Sulphonic Acid
- ◆ Pectin from Citrus, Lemon & Oranges
- ◆ Pectin from Orange Lime Peels
- ◆ Pectin from Raw Papaya
- ◆ Pentaerythritol
- ◆ Phenyl
- ◆ Phenyl (Black and White)
- ◆ Phenyl (Pine Oil Disinfectant)
- ◆ Phenyl Brown & White from Crude
- ◆ Phosphoric Acid from Rock Phosphate (Used of Waste Spent Acid 25% of Vinyl Sulphan Contents H<sub>2</sub>SO<sub>4</sub> + 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 AlCl<sub>3</sub>)
- ◆ Poly Aluminium Chloride from Aluminium Hydroxide
- ◆ Poly Aluminium Sulphate from Aluminium Sulphate
- ◆ Poly Carbonate (Dry Process)
- ◆ Poly Vinyl Alcohol
- ◆ Polyester Resin
- ◆ Polyethylene Wax
- ◆ Polyvinyl Acetate
- ◆ Polyvinyl Alcohol
- ◆ Potassium Chloride
- ◆ Potassium Cyanide (Silver & Gold)
- ◆ Potassium Dichromate
- ◆ Potassium Dichromate
- ◆ Potassium Iodate
- ◆ Potassium Iodide
- ◆ Potassium Nitrate
- ◆ Potassium Nitrate from Potassium Chloride
- ◆ Potassium Permanganate (KmnO<sub>4</sub>) In Solution form
- ◆ Potassium Silicate
- ◆ Potassium Silicate Using Autoclave
- ◆ Precipitated Calcium Carbonate
- ◆ Precipitated Silica
- ◆ Precipitated Silica from Rice Husk Ash
- ◆ 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 Ash
- ◆ Red Oxide from Waste Ferrous Sulfate of H-Acid
- ◆ Red Oxide Paint Brushing, Finishing and Semi Glass
- ◆ Refrigerant Alfa - R- 134
- ◆ Ringer's Lactate Solution
- ◆ Roofing Compound & Water Proofing Compound
- ◆ Silica Jel
- ◆ Silica Sand
- ◆ Silica Sand Beneficiation
- ◆ Silicon Sealant
- ◆ Silicone
- ◆ Silicone Carbide
- ◆ Silicone Emulsion
- ◆ Silicone from Rice Husk
- ◆ Silver Extraction from Waste Hypo Solution (Chem. Process)
- ◆ Silver Extraction from Waste Hypo Solution (X-Ray/Cinema Film Bleach and from Photo Film)
- ◆ Silver Nitrate
- ◆ Single Super Phosphate & Mix NPK Fertilizers (SSP & NPK)
- ◆ Single Super Phosphate (S.S.P.) & Sulphuric Acid
- ◆ Soda Ash
- ◆ Sodium Aluminates
- ◆ Sodium Aluminium Sulphate
- ◆ Sodium Benzoate
- ◆ Sodium Bicarbonate from Soda Ash
- ◆ Sodium Carboxy Methyl Cellulose
- ◆ Sodium Chromate
- ◆ Sodium Hexa Meta Phosphate
- ◆ Sodium Hydroxide
- ◆ Sodium Hydrosulphite
- ◆ 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 from Rice/Paddy Husk
- ◆ Sodium Silicate from Silica and Soda Ash
- ◆ Sodium Sulphate (Anhydrous)
- ◆ Sodium Sulphide from Barium Compound
- ◆ Sodium Sulphide from Sulfur Caustic Soda
- ◆ Sodium Sulphite
- ◆ Sodium Tripoly Phosphate
- ◆ Softener (Cationic, Anionic & Nonionic)
- ◆ Solder Fluxes
- ◆ Solid Fuel Cake
- ◆ Solvent & Thinners
- ◆ Solvent Extraction & Refining Plant
- ◆ Solvent Extraction and Refining of Soyabean Oil
- ◆ 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 Sulpher & Chlorine Gas)
- ◆ Super Phosphate & Mixed Fertilizer (NPK)
- ◆ Surgical Methylated Spirit
- ◆ Synthetic Iron Oxide (Yellow)
- ◆ Synthetic Ruby Sapphire
- ◆ Synthetic Tallow
- ◆ Tannic Acid
- ◆ 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
- ◆ 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 Micro Nutrients or Fertilizer
- ◆ Zinc Sulphate Micro-Nutrient Mixture
- ◆ Zinc-Metal from Zinc Ash
- ◆ Zircon
- COMPUTER PRODUCTS
- ◆ Compact Disc
- ◆ Computer Assembling Unit
- ◆ Computer Assembly (Hardware)
- ◆ Computer Monitor (Monochrome Monitor)
- ◆ Computer Ribbon (For Printer)
- ◆ Computer Ribbon Refilling/ Reinking
- ◆ Computer Software (EOU)
- ◆ Computer Farms & Security Printing Press
- ◆ Computer Floppy Disk Storage Box
- ◆ Compact Disc Player
- ◆ Computer Key Boards
- ◆ Computer Forms (Stationery)
- ◆ Floppy Disks
- ◆ Laptop Computers
- ◆ Plastic Floppy Storage Box
- COSMETICS, PERFUMES, FLAVOURS & ESSENTIAL OILS
- ◆ 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)
- ◆ Artemisia Vulgaris Oil
- ◆ Aromatic Perfumery Compounds
- ◆ Bath Soap (Pears Type)
- ◆ Bathing Soap
- ◆ Bind
- ◆ Bindiya (Shilpa Type)
- ◆ Car Shampoo
- ◆ Cardamom Oil
- ◆ Cosmetic Industry
- ◆ Cylindrical Agarbatti Sticks
- ◆ Detol Type Antiseptic Lotion
- ◆ Dhooop Batti Sticks
- ◆ Essences for Biscuit,

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

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## SELECTED PROJECTS FOR RIGHT INVESTMENT

- |  |   |   |   |
|--|---|---|---|
| <ul style="list-style-type: none"> <li>Confectionery Items (Non-Essential Flavour)</li> <li>◆ Essential Oil Form Lily, Mogra, Nishigandha</li> <li>◆ Essential Oil from Flowers</li> <li>◆ Essential Oils from Jawa Citronella Oil</li> <li>◆ Eucalyptus Oil</li> <li>◆ Extraction of Essential Oil &amp; Packaging</li> <li>◆ Extraction of Menthol Oil.</li> <li>◆ Extraction of Oil (Jeera, Ajowan, Ginger, Cardamom Oil)</li> <li>◆ Formulation of Flavours</li> <li>◆ Fractional Distillation of Essential Oil and Medicinal Plant</li> <li>◆ Garlic and Ginger Oil</li> <li>◆ Ginger Oil (Super Critical Co<sub>2</sub> Process)</li> <li>◆ Hair Dye (Godrej Type)</li> <li>◆ Hair Dye Powder</li> <li>◆ Hair Dyes (Henna Based)</li> <li>◆ Hair Oil</li> <li>◆ Hair Shampoo</li> <li>◆ Henna Paste (Self Life 6 Month)</li> <li>◆ Herbal Cosmetic</li> <li>◆ Herbal Hair Oil (Banphool Type)</li> <li>◆ Herbal Natural Essential Oil</li> <li>◆ Herbal Natural Essential oil (Steam Distillation Process)</li> <li>◆ Lemon Grass Oil</li> <li>◆ Lily Essence</li> <li>◆ Menthol Crystal Bold from Menthol Oil</li> <li>◆ Menthol Crystals</li> <li>◆ Menthol Crystals &amp; Menthol Oil</li> <li>◆ Menthol Oil, Citronella Oil &amp; Clove Oil</li> <li>◆ Nail Polish</li> <li>◆ Non Formal Dye Fixing Oil</li> <li>◆ Non-Alcoholic Flavours</li> <li>◆ Oleo-Resin &amp; Capsacin Product Extraction Plant</li> <li>◆ Oleoresin &amp; Essential Oil</li> <li>◆ Palmrosa Grass Oil</li> <li>◆ Peppermint Oil</li> <li>◆ Perfumery Chemicals Synthetic and Natural</li> <li>◆ Perfumes</li> <li>◆ Red (Lal) Tooth Powder</li> <li>◆ Rose Oil (Essential Oil from Flowers)</li> <li>◆ Rose Oil Extraction</li> <li>◆ Rose Plantation &amp; Rose Oil Extraction (Rose Essential Oil)</li> <li>◆ Sandal Wood Oil &amp; Powder</li> <li>◆ Scent &amp; Perfumes</li> <li>◆ Shampoo &amp; Creams</li> <li>◆ Vanishing Cream) Shaving Cream</li> <li>◆ Shaving Cream &amp; Shaving Soap</li> <li>◆ Sindur, Roli, Bindi &amp; Gulal</li> <li>◆ Spice Oil or Oleoresins (Extraction of Essential Oil from Spices)</li> <li>◆ Sweet Aroma of Betel Nut.</li> <li>◆ Synthetic Perfumery Compound</li> <li>◆ Talcum Powder (Face &amp; Toilet Powder)</li> <li>◆ Tejpatta Oil from Tejpatta</li> <li>◆ Talcum Powder</li> <li>◆ Tobacco Based Tooth Powder</li> <li>◆ Tobacco Flavouring Compound</li> <li>◆ Tooth Paste</li> <li>◆ Tooth Paste &amp; Powder</li> <li>◆ Tooth Paste (Gel Type)</li> <li>◆ Yara Yara (Perfumes for Soap, Detergent &amp; Agarbatti)</li> </ul> | <ul style="list-style-type: none"> <li>◆ Dyes &amp; Dye Intermediates</li> <li>◆ Erythrosine</li> <li>◆ Fast Colour Base</li> <li>◆ Lake Colour</li> <li>◆ Leather Auxiliaries</li> <li>◆ Lecithin (Soya Based)</li> <li>◆ Metal Naphthenates</li> <li>◆ Naphthalene Balls</li> <li>◆ Phthalocyanine Blue and Green</li> <li>◆ Reactive Dyes (Red, Orange, Yellow Colour) Used B-Naphthol</li> <li>◆ Synthetic Iron Oxide (Yellow)</li> <li>◆ Textile Bleaching, Dyeing &amp; Finishing</li> <li>◆ Textile Carpet Woolen Dyeing</li> <li>◆ Textile Dyeing Auxiliaries</li> <li>◆ Textile Printing Pigment Binder</li> <li>◆ Ultra Marine Blue</li> </ul> <p><b>ELECTRICAL &amp; ELECTRONIC INDUSTRIES</b></p> <ul style="list-style-type: none"> <li>◆ Air Cooler</li> <li>◆ Air Conditioner (A/C) Car &amp; Room Servicing</li> <li>◆ Air Conditioners (Window Type)</li> <li>◆ All Aluminium Alloy Conductor (AAAC)</li> <li>◆ All Aluminium Conductor &amp; Aluminium Conductor</li> <li>◆ All Aluminium Conductors</li> <li>◆ Alternator</li> <li>◆ Alternator (1 To 75 KVA)</li> <li>◆ Aluminium Electrolytic Capacitor</li> <li>◆ Aluminium Power Cables</li> <li>◆ Aluminium/Copper Cable Lugs</li> <li>◆ Arial Bunched Cable</li> <li>◆ Armoured Cables</li> <li>◆ Audio Cassette Assembling &amp; Recording Unit</li> <li>◆ Audio Cassette Manufacturing &amp; Recording</li> <li>◆ Audio Cassettes Manufacturing</li> <li>◆ Audio Magnetic Tape</li> <li>◆ Audio Stereo Cassette Recorder Players</li> <li>◆ Audio Video Cassette Assembling</li> <li>◆ Auto Bulb/Lamp</li> <li>◆ Auto Lamps (Auto Tail Lights)</li> <li>◆ Auto Telephone Recording and Answering Machine</li> <li>◆ Automobile Battery</li> <li>◆ Bakelite Electrical Accessories</li> <li>◆ Battery (UPS, Inverter, Solar System, &amp; Automobile Battery)</li> <li>◆ Battery for Auto Vehicles</li> <li>◆ Battery Manufacturing Unit</li> <li>◆ Battery Plates &amp; Assembly</li> <li>◆ Bio Gas Power Plant from Cowdung</li> <li>◆ Button Cell (Miniature Watch Battery)</li> <li>◆ Cable Creeping Lugs, Socket &amp; Cable Creeping Tools</li> <li>◆ Calculator, Torch &amp; Alarm</li> <li>◆ Capacitors</li> <li>◆ Captive Thermal Power Plant for Glass Industry</li> <li>◆ Cassette Tape Recorder</li> <li>◆ Ceiling Fan</li> <li>◆ Choke &amp; Starter for Fluorescent Tube</li> <li>◆ Choke and Patti for Fluorescent Tube</li> <li>◆ Choke and Starter</li> <li>◆ Chokes and Patties</li> <li>◆ Clay Plate for Electric Heater</li> <li>◆ Colour Television (T.V.)</li> <li>◆ Commutators</li> <li>◆ Compact Copper Tube Light Choke</li> <li>◆ Compact Disc Rom (CD- Rom)</li> <li>◆ Compact Disk Player</li> <li>◆ Compact Fluorescent Lamps</li> <li>◆ Compressor for AC (Hermetic)</li> <li>◆ Computerized Washing Machine</li> <li>◆ Cooling Coils (For Air Conditioners)</li> <li>◆ Copper Clad Laminated Sheet Used for Making P.C.B.</li> <li>◆ Cordless Telephone</li> <li>◆ CT/PT Epoxy Casting</li> </ul> | <ul style="list-style-type: none"> <li>Transformers</li> <li>◆ Diesel Generator (20-200 KVA)</li> <li>◆ DG Set</li> <li>◆ Dish Antenna and Satellite Network Equipment</li> <li>◆ Distribution Transformer (250kva) Repairing</li> <li>◆ Distribution Transformers</li> <li>◆ Domestic Electric Cable (Cap. 1600 Coils/Day)</li> <li>◆ Domestic Refrigeration</li> <li>◆ Dry Cell Battery</li> <li>◆ Dry Cell</li> <li>◆ Dry Cells, Rechargeable Cells</li> <li>◆ Electric &amp; Ordinary Detonators (Used in Explosive for Hard Rock Cutting &amp; Blasting)</li> <li>◆ Electric Arc Furnace</li> <li>◆ Electric Bulb (GLS Bulb)</li> <li>◆ Electric Energy Meters</li> <li>◆ Electric Fan</li> <li>◆ Electric Fluorescent Tube</li> <li>◆ Electric Geyser</li> <li>◆ Electric Mixer</li> <li>◆ Electric Motor</li> <li>◆ Electric Motor Pumps</li> <li>◆ Electric Panel Board (Switch Boards)</li> <li>◆ Electric Steam Iron</li> <li>◆ Electric Water Heater</li> <li>◆ Electrical Accessories (Plugs, Switches, Sockets)</li> <li>◆ Electrical Lamp</li> <li>◆ Electrical Panel (Switch Board)</li> <li>◆ Electrical Stamping</li> <li>◆ Electro Polishing on Steel</li> <li>◆ Electronic Calculator</li> <li>◆ Electronic Choke (Ballast)</li> <li>◆ Electronic Cut Out for Automobiles</li> <li>◆ Electronic Digital Weighing Machine</li> <li>◆ Electronic Energy Meter</li> <li>◆ Electronic Horn for Automobile</li> <li>◆ Electronic Service Centre</li> <li>◆ Electronic Toys</li> <li>◆ Emergency Light</li> <li>◆ Emergency Tube Light</li> <li>◆ EPABX / EPAX System</li> <li>◆ Exhaust Fans (Cooler Fan)</li> <li>◆ F.H.P. Motors</li> <li>◆ Ferrite Magnets</li> <li>◆ Fluorescent Tube Starter</li> <li>◆ G.L.S. Bulbs/Lamps</li> <li>◆ Gas Based Power Plant</li> <li>◆ Gas Based Power Project (600 MV)</li> <li>◆ Gas Detectors of LPG</li> <li>◆ Halogen Lamps</li> <li>◆ House Wiring Cables</li> <li>◆ HT &amp; MV Industrial Cubic Switch Boards</li> <li>◆ Hydro Based Power Plant (15MW)</li> <li>◆ Immersion Heater</li> <li>◆ Information Moving Display (Lead Type)</li> <li>◆ Invertors</li> <li>◆ Jelly Filled Cables</li> <li>◆ Lamp Shades &amp; Chandliers</li> <li>◆ Light Emitting Diodes</li> <li>◆ M.C.B. (Miniature Circuit Breaker)</li> <li>◆ Maintenance Free Re-Chargeable Battery</li> <li>◆ Micro Oven</li> <li>◆ Miniature Transformer</li> <li>◆ Multilayer Printed Circuit Board</li> <li>◆ Musical Door Bell</li> <li>◆ Neon Bulb</li> <li>◆ Neon Sign Board</li> <li>◆ Neon Sign Tube and Board</li> <li>◆ Optical Fibre Cable</li> <li>◆ Optical Pickup Unit</li> <li>◆ PCB (Flexible)</li> <li>◆ PCB (Multilayer)</li> <li>◆ PCB (Totally Automatic Plant)</li> <li>◆ Plastic Cooler Body (Symphony Type)</li> <li>◆ Polyurethane Battery Separator</li> <li>◆ Porcelain Insulator</li> </ul> | <ul style="list-style-type: none"> <li>◆ Portable Television (B &amp; W)</li> <li>◆ Power Capacitor</li> <li>◆ Power Generating Unit from Agricultural Waste Heat Energy</li> <li>◆ Power Plant (5 MW/Hr) By Agro Waste</li> <li>◆ Power Plant (Hydro Based) Cap: 10 MW</li> <li>◆ Power Supply (Linear Switch Mode)</li> <li>◆ Power Transformer</li> <li>◆ Printed Circuit Board</li> <li>◆ P.V.C. Wire &amp; Cables</li> <li>◆ Power Battery Separator</li> <li>◆ Rechargeable Battery-Maintenance Free (Sealed Lead Acid)</li> <li>◆ Re-Conditioning of Fluorescent Tube</li> <li>◆ Re-Conditioning of TV Picture Tube</li> <li>◆ Refrigeration &amp; Mini Refrigeration</li> <li>◆ Rewinding of Burnt Electric Motor</li> <li>◆ Rosin Cored Soft Soldering Wire</li> <li>◆ Satellite Receiver</li> <li>◆ Scientific Laboratory Equipment (Electronic)</li> <li>◆ Soft &amp; Hard Ferrites</li> <li>◆ Solar Cells</li> <li>◆ Solar Cooker</li> <li>◆ Solar Electrical Cell &amp; Heating Panel</li> <li>◆ Solar Energy Water Heater</li> <li>◆ Solar Photo Voltaic System</li> <li>◆ Solar Power Plant</li> <li>◆ Solar Pump</li> <li>◆ Solar Water Heaters</li> <li>◆ Steel Vacuum Flask</li> <li>◆ Submersible Pump &amp; Motors</li> <li>◆ Submersible Pump</li> <li>◆ Switch Mode Power Supply</li> <li>◆ Tape Recorder's Pinch Roller, Rubber, Drive, Belt Flat</li> <li>◆ Telephone (Push Button Type)</li> <li>◆ Terminal Connectors</li> <li>◆ Transformer/Servomotor/Relay</li> <li>◆ Un-Interrupted Power Supply (UPS)</li> <li>◆ V.C. Cooler</li> <li>◆ Variable Frequency, Variable Voltage A.C. Voltage</li> <li>◆ Video Cassette</li> <li>◆ Video Compact Disc (V.C.D.)</li> <li>◆ Voltage Stabilizer (Solid State)</li> <li>◆ Voltage Stabilizer Using IC Timer</li> <li>◆ Washing Machine</li> <li>◆ Washing Machine &amp; Geyser</li> <li>◆ Wind Energy Power Project</li> <li>◆ Winding Wires PVC Insulated for Submersible Motors</li> <li>◆ XLPE Cables</li> </ul> <p><b>ELECTROPLATING INDUSTRIES</b></p> <ul style="list-style-type: none"> <li>◆ Anodic Aluminium Labels</li> <li>◆ Aluminium Anodizing Plant</li> <li>◆ Aluminium Hard-Anodizing Unit</li> <li>◆ Chrome Plating</li> <li>◆ Electro Polishing of Steel</li> <li>◆ Electroplating of Gold &amp; Their Chemical Treatment in Golden Colour</li> <li>◆ Electroplating of Plastic</li> <li>◆ Electroplating of Various Metal</li> <li>◆ Galvanized Iron Sheet (Plain &amp; Corrugated)</li> <li>◆ Gold Electroplating on Cheaper Ornaments (Without Using Gold)</li> <li>◆ Gold Plated Silver Jewellery</li> <li>◆ Gold Plated Silver Jewellery &amp; Cutlery</li> <li>◆ Hard Chromium Plating</li> <li>◆ Silver &amp; Gold Plating on PVC and Nylon-6</li> <li>◆ Watch Case Buffing</li> </ul> <p><b>ECO-FRIENDLY PRODUCTS</b></p> <ul style="list-style-type: none"> <li>◆ Duplex Paper</li> <li>◆ Fuel Bricks from Groundnuts Soyabean Hull and Jute</li> </ul> |
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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

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## SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Gunny Bags
- ◆ Jute Coir, Grass Rope/ Sutti
- ◆ Jute Garments
- ◆ Jute Shopping Bags
- ◆ Jute Yarn Sutti & 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
- EDUCATION PROJECTS
- ◆ Bachelor Physiotherapy College
- ◆ Bio-Tech Institute
- ◆ Culinary Institute
- ◆ Dental College
- ◆ Engineering College
- ◆ ITI Management College
- ◆ Medical College
- ◆ Medical College and Hospital
- ◆ Nursery School
- ◆ Pharmacy College (B. Pharma / D. Pharma)
- ◆ Residential School (ICGEB)
- ◆ School
- GLASS & CERAMICS INDUSTRY
- ◆ Acrylic Mirror
- ◆ Ceramic (Porcelain) Insulator
- ◆ Ceramic Hotel Ware (Bone China)
- ◆ Ceramic Media
- ◆ Ceramic Thread Guide
- ◆ Ceramic Unit
- ◆ Ceramic Foam Filters
- ◆ Ceramic Foam Filters (Metallic Based)
- ◆ Ceramic Glazed Tiles
- ◆ Conversion of Industrial Vitrified Tiles Into Commercial Vitrified Tiles
- ◆ Fibre Glass
- ◆ Flat Glass & Float Drink Glass
- ◆ Glass Ampoules (Distilled Water)
- ◆ Glass Bangles & Glass Pressed Wares
- ◆ Glass Bottle
- ◆ Glass Fensiyent & 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 Glass / Float Glass
- ◆ Automatic Plant
- ◆ Watch Glass
- GUMS & ADHESIVES
- ◆ Acrylic Adhesive
- ◆ Adhesive (Fevicol Type)
- ◆ Adhesive Based on Polyurethane
- ◆ 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
- ◆ Adhesive (Starch & Polyvinyl Acetate Based)
- ◆ Adhesive Based on Vinyl Acetate (Fevicol Type)
- ◆ BOPP Pressure Sensitive Self Adhesive Tapes
- ◆ Bottle Labeling Gum
- ◆ Corrugated Cartoon Boxes Gum from Tamarind Seed Kernel (Powder Form)
- ◆ Corrugation & Pasting Adhesive (Dry Powder/Liquids)
- ◆ D.O.P. & Other Plasticizer
- ◆ Electrical Insulating Tape Using BOPP Film
- ◆ Ester Gum
- ◆ Fevicol Type Adhesive
- ◆ Glue from Bone Sinews
- ◆ Guar Gum
- ◆ Guar Gum Powder
- ◆ Gum (Liquid) Office Paste
- ◆ Gum from Tamarind Seed Powder
- ◆ Gums & Adhesive
- ◆ Hologram Sticker - 3D
- ◆ Hot - Melt Adhesive
- ◆ Hot Melt Glue
- ◆ Hot Melt Glue Stick
- ◆ Latex Adhesive
- ◆ Latex Based Adhesive
- ◆ Leather Binder (Resin Based)
- ◆ Neoprene Based Adhesive (Rubber Adhesive)
- ◆ Office Gum
- ◆ Paper Tape
- ◆ Plaster of Paris Bandages & Cotton Adhesive Tape
- ◆ Pressure Sensitive Adhesive Tape Binder
- ◆ Pressure Sensitive Adhesive for BOPP Tapes
- ◆ PVC Electrical Insulating Tape
- ◆ Rosin Sizing Agent for Paper Plant
- ◆ Rubber Solution
- ◆ Starch from Maize
- ◆ Starch from Tapioca
- ◆ Surgical Adhesive Tape on Cloth Surface
- ◆ Synthetic Gum Used in Textile Industry
- ◆ Synthetic Rubber Adhesive
- ◆ Textile Printing Paste (Gum)
- ◆ Textile Printing Binder
- HERBS/AROMATIC & HERBAL BASED PRODUCTS
- ◆ 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 Dantmanjan (Red Colour) Dabur Type
- ◆ Ayurvedic Gamaxine (Using Red Moong)
- ◆ Ayurvedic Pain Balm (Yellow & White) Zandu Type
- ◆ Ayurvedic Pain Balm Ointment
- ◆ Ayurvedic Pharmacy (Capsules, Liquid Oral, Ointment, Powder, Injection)
- ◆ Ayurvedic Raw Material from Mercury
- ◆ Ayurvedic Raw Material from Mercury
- ◆ Ayurvedic Sharbat
- ◆ Ayurvedic Tablets (Hajmola Type)
- ◆ Cardamom Oil
- ◆ Citronella Oil
- ◆ Clove Oil
- ◆ 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 Concentrate in the Manufacturing of Herbal Drugs & Concentrate
- ◆ Herbal Cosmetics
- ◆ Herbal Extracts
- ◆ Herbal Formulation
- ◆ Herbal Hair Oil
- ◆ Herbal Hair Oil (Banphool Type)
- ◆ Herbal Kumkum (Roli)
- ◆ Herbal Medicinal Plants Cultivation & Processing
- ◆ Herbal Natural Essential Oil
- ◆ Herbal Plantation (Medicinal)
- ◆ Herbal Shampoo & Cream
- ◆ Herbal Tooth Paste & Tooth Powder
- ◆ Herbs Plantation & Processing
- ◆ 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
- ◆ Cinema Hall
- ◆ Club with 4 Star Hotel
- ◆ Cold Storage
- ◆ Fast Food Parlor
- ◆ Five Star Hotel
- ◆ Five Star Hotel & Shopping Mall
- ◆ Five Star Hotel, Business Center (Shopping Center), PVR, Health Club, & Banquet Hall
- ◆ Food Parlor
- ◆ Games Parlor
- ◆ Golf Course
- ◆ Green House
- ◆ Health Club, Beauty Parlor
- ◆ Holiday Resort
- ◆ Hospitals
- ◆ Hotel (Small Hotel with Banquet Halls, Restaurant and Catering Facility)
- ◆ Hotel 5 Star
- ◆ Hotel/Small Hotel
- ◆ Ice Cream Parlor
- ◆ Kids Entertainment Cum Food Center (Restaurant) at The Mall
- ◆ Market Complex
- ◆ Multiplex Cinema Hall, PVR with Shopping Center
- ◆ Multistoried Commercial Complex
- ◆ Multistory Residential Complex
- ◆ Nature Care Centre
- ◆ Nursery School
- ◆ Nursing Home
- ◆ Old Age Home, Orphan Children Hall & Dharamshala
- ◆ Recreation and Health Club
- ◆ Restaurant
- ◆ Satellite Broad Casting Channel
- ◆ Shopping Mall with Four Screen Multiplex + 3 Star Hotel
- ◆ Small Hotel/Motel, Party Room Restaurant, Fast Food Parlor & Banquet Hall
- ◆ Three Star Hotel
- ◆ Video Film Studio
- ◆ Ware House
- HOSIERY/TEXTILE/TEXTILE AUXILIARIES
- ◆ 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, Sweters, Caps, Mufers with Dying & Bleaching (EOU)
- ◆ Angora Rabbit Wool
- ◆ Baby Diaper
- ◆ Black Braided Silk (Non-Absorbable Surgical Suture)
- ◆ Blanket from Wool or Woollen Waste or Woollen Rags
- ◆ 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
- ◆ Dying of Hank Yarn for Power Loom
- ◆ Fiber from Banana Plant & Mfg. of Bags Like Jute Bags
- ◆ Furnishing Fabrics on Power Loom
- ◆ 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 (Gunji, Banian, Underwears)
- ◆ Hosiery Products (Like T- Shirt, Knitwear and Arlyc Yarn)
- ◆ Hosiery Products Like Vests, Briefs, Shirts & Nylon Cotton Knitting
- ◆ Jeans and Jackets (Denim)
- ◆ Jeans Cotton's Casual & Shirts
- ◆ Jeans, Shirts & Trousers
- ◆ Jacquard Fabrics

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AN ISO 9001:2008 CERTIFIED COMPANY

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## SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Jute Yarn, Sutti & Hessian Cloth Weaving (Integrated Unit)
- ◆ Knitted Fabric
- ◆ Ladies Under Garment (Bra & Painty)
- ◆ 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 Salwar Suit (Ladies)
- ◆ Sanitary Napkins
- ◆ Sanitary Napkins & Baby Diaper
- ◆ Sanitary Napkins (Imported Automatic Plant)
- ◆ Sewing Thread Reels and Balls Making Industry
- ◆ Shirts (Woven) & Jeans Unit
- ◆ Shoe Laces
- ◆ Silk Reeling Unit
- ◆ Socks Knitting [EOU]
- ◆ Spinning & Carding of Wool in to Yarns
- ◆ Spinning Mill
- ◆ Surgical Bandages
- ◆ Surgical Cotton
- ◆ Surgical Cotton & Bandage
- ◆ Tags for Readymade Garments
- ◆ Terry Towels
- ◆ Textile Bleaching, Dying and Finishing
- ◆ Textile Carpet Woollen Dyeing
- ◆ 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
- ◆ Underwear Garment Ganji, Jangia
- ◆ Viscose Rayon
- ◆ Viscose Filament Yarn
- ◆ Viscose Rayon Yarn from Cotton Linters
- ◆ Woollen Dyeing
- ◆ Woollen Hosiery
- ◆ Woollen Sweaters
- ◆ INFOTECH PROJECTS
- ◆ Business Process Outsourcing (BPO)
- ◆ Call Centre (Domestic)
- ◆ Call Centre (International)
- ◆ Computer Education Institute
- ◆ Computer Training Institute
- ◆ Computer Software (EOU)
- ◆ Cybercafe-Internet Browsing
- ◆ Cyber Park
- ◆ E-Commerce
- ◆ Information Technology (I.T.) Training Centre
- ◆ Internet Service Provider
- ◆ IT Park
- ◆ Medical Transcription Centre
- ◆ Online Shopping Mall
- ◆ Portal
- ◆ 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
- ◆ Hologram Sticker - 3D
- ◆ Indelible Election Ink (from Silver Nitrate)
- ◆ Ink for Hot Stamping Foil
- ◆ Lead Pencils
- ◆ One Time Carbon
- ◆ Painting Brush
- ◆ Plastic Files & Its Smaller Components
- ◆ Printing Inks
- ◆ School Chalk
- ◆ Screen Printing Ink
- ◆ Slate Pencils
- ◆ Stamp Pad & Stamp Inks
- ◆ Staple Pin
- ◆ Tailors Chalk
- ◆ Toner Ink for Xerox M/C
- ◆ Wax Crayon
- ◆ JUTE & JUTE BASED PROJECTS
- ◆ Gunny Bags (Jute Bags)
- ◆ Gunny Bags from Jute
- ◆ Jute Ropes/Sutti
- ◆ 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 AND AUTOMOBILE INDUSTRIES
- ◆ Alloy Steel Casting
- ◆ Alloy Steel Long Product Market & Alloy Steel Seamless Pipes
- ◆ Alumina from Bauxite (By Calcination Process)
- ◆ Alumina from Gibbsite Variety
- ◆ Alumina to Aluminium & Mfg. of Profiles
- ◆ Activated Alumina
- ◆ Activated Alumina Balls
- ◆ Agriculture Implements
- ◆ Air Cooler
- ◆ Air Filter for All Type of Auto Vehicles
- ◆ Air Pressure Gauge (Dial Gauge)
- ◆ Aluminium Alloy
- ◆ Aluminium Beverages Cans
- ◆ Aluminium Blind Rivets & Metal Clips
- ◆ Aluminium Bottles Cold Extrusion of Aluminium
- ◆ Aluminium Building Hardware
- ◆ Aluminium Caps
- ◆ Aluminium Channels, Beading & Pipes
- ◆ Aluminium Circle
- ◆ Aluminium Collapsible Tubes
- ◆ Aluminium Containers
- ◆ Aluminium Extrusion Plant
- ◆ Aluminium Finished Articles (Job Work)
- ◆ Aluminium Foil
- ◆ Aluminium from Alumina
- ◆ Aluminium Gravity Casting
- ◆ Aluminium Ingots from Aluminium Scrap
- ◆ Aluminium Ingots from Bauxite
- ◆ Aluminium Powder
- ◆ Aluminium Pressure Die Casting
- ◆ Aluminium Sheet, Circles & Vessels
- ◆ Aluminium Utensils
- ◆ Aluminium Utensils & Circles
- ◆ Aluminium Wire Drawing & Super Enameling for Winding
- ◆ Aluminium Wire Drawing
- ◆ Aluminium Rolling Mill
- ◆ Aluminium & Copper Cable Lugs
- ◆ Aluminium Aerosol Cans
- ◆ Aluminium Alloy from Virgin Metal/Ingot/Billet
- ◆ Aluminium Alloy from Scrap & Virgin Metal
- ◆ Aluminium Angles, Channels, Doors & Windows
- ◆ Aluminium Beverage Can Making Plant
- ◆ Aluminium Bottle Caps
- ◆ Aluminium Bottle Cold Extrusion
- ◆ Aluminium Cans for Brewery Industry
- ◆ Aluminium Cladding (Construction)
- ◆ Aluminium Collapsible Tubes (Printed)
- ◆ Aluminium Extrusion
- ◆ Aluminium Extrusion for Pipe Accessories & Building Hardware
- ◆ Aluminium Furniture
- ◆ Aluminium Paint
- ◆ Aluminium Power Cables
- ◆ Aluminium Pressure & Gravity Die Casting
- ◆ Aluminium Printing Plates for Offset Printing Machine
- ◆ Aluminium Ps (Pre-Sensitised) Plates
- ◆ Aluminium Secondary Billet Casting Plant
- ◆ Aluminium Slug (Used for Collapsible Tube Containers)
- ◆ Aluminium Wire Drawing & Wire Mesh
- ◆ A.P.I. Tubes
- ◆ Assaying Gold
- ◆ Automatic Nut & Bolts Plant
- ◆ 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 Vending M/C 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 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)
- ◆ Bicycle Plant
- ◆ Billets from Steel Scrap by Electric Furnace
- ◆ Bimetal Bushes with Powder Based Metallurgy
- ◆ Bicycle Assembly
- ◆ Bicycle Chain
- ◆ Bicycle Manufacturing
- ◆ Bicycle Rim
- ◆ 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 Bars
- ◆ Bright Bar (S.S.)
- ◆ Building Hardware of Aluminium
- ◆ C.I. Casting Foundry
- ◆ C.I. Casting (Foundry) By Induction Furnace
- ◆ C.N.G. Cylinders (Storage for C.N.G. Gas)
- ◆ C.P. Bathroom Fittings
- ◆ Calcined & Activated Alumina
- ◆ Carbide Tips/Inserts/Indexable
- ◆ Carbon Brush, Brush Holder Slipping
- ◆ Carbon Brushes
- ◆ Carburator
- ◆ Cargo Containers (for Ship & Train)
- ◆ Cable Creeping Lugs, Socket & Cable Creeping Tools
- ◆ Calcined Bauxite
- ◆ Cast Iron & S.G. Iron Castings
- ◆ Chemical Etching of Stainless Steel
- ◆ Ceramic Foam Filters (Metallic Based).
- ◆ Chains (Bicycle, Scooter, Motorcycle, Moped)
- ◆ 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 Rolling of M.S. Strips/Sheet
- ◆ Cold Rolled Stainless Steel Plant
- ◆ Cold Rolling of Steel Strips
- ◆ Composite Carbon Fibre
- ◆ Composite Container
- ◆ Composite Steel Re-Rolling Mill
- ◆ Continuous Copper Rod (CCR) from Copper Scraps
- ◆ Continuous Electro Galvanizing Cold Dip Process of Steel Strip
- ◆ Control & Precision Instrumentation
- ◆ Cooling Tower
- ◆ Copper Foil
- ◆ Copper Powder
- ◆ Copper Powder & Aluminium Powder
- ◆ 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, Anealline & Enamelling
- ◆ 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
- ◆ Different Types of Fire Extinguishers
- ◆ Disposable Needles & Syringes
- ◆ Drip Irrigation System
- ◆ Drum & Barrels (35 To 200 Ltrs.)
- ◆ E.R.W. Steel Conduit Pipes
- ◆ Earth Moving Equipment
- ◆ Electric Arc Furnace
- ◆ Electrical Stamping
- ◆ Electronic Horn for Automobile
- ◆ Fasteners (Nuts, Bolts, Rivets)
- ◆ Fasteners (Nuts Bolts, Rivets & Washers)
- ◆ Ferrite Magnets

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

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## SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Filter (Micro Filter Inserts for Automobile)
- ◆ Filter for All Vehicles
- ◆ Fire Extinguisher
- ◆ Fire Fighting Equipments
- ◆ Fire Extinguishers (Different Types)
- ◆ Flush Doors
- ◆ Forging Unit
- ◆ Forging Unit (General)
- ◆ Foundry Sand (Non Ferrous Metal)
- ◆ G.I. Wire from H.B. Wire
- ◆ G.I. Sheet (Plain & Corrugated)
- ◆ 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 Silver Jewellery
- ◆ Gold & Platinum Jewellery Manufacturing with Die-Casting
- ◆ 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
- ◆ Hot Dip Galvanizing
- ◆ Hot Roll Steel Bar Mill
- ◆ Hydraulic and Pneumatic Items
- ◆ Hydraulically Regulated Doors Closer (Everest Type)
- ◆ Induction Furnace Re-Rolling Unit
- ◆ Industrial Valve
- ◆ Investment Casting
- ◆ 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)
- ◆ M.S. and S.S. Weld Mesh
- ◆ M.S. Binding Wires
- ◆ M.S. Hinges
- ◆ M.S. Ingots (Mini Steel Plant) 5 MT Induction Furnace
- ◆ M.S. Pipe from Strips
- ◆ 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 Hardening
- ◆ Metallic Drum (Used for Oil Storage)
- ◆ Micro Filters for Automobile
- ◆ Micro Irrigation System
- ◆ Mild Steel Flat Bar, Square Pipes & Tubes
- ◆ 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
- ◆ Non-Stick Cookwares
- ◆ Non-Stick Kitchen Ware
- ◆ Nut & Bolts (Cold Formed Steel Fasteners)
- ◆ Nut and Bolts (Mild Steel)
- ◆ Oil Seals
- ◆ Open Top Sanitary Cans for Food, Pesticides, Paint
- ◆ 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 (Cast Iron)
- ◆ Plant Protection Equipment
- ◆ Plastic Cladded Aluminium Squeeze Tube
- ◆ Press Steel Doors & Window
- ◆ Pressure Die-Casting
- ◆ Printed (Multi Colour) Tin Container (Air Tight)
- ◆ Printed Tin Containers
- ◆ Railway Air Break
- ◆ Razor Blade
- ◆ Refrigeration Strand Various Model
- ◆ Re-Rolling Mill for Sayria & Twisting Rod
- ◆ Re-Rolling Mill for Tor Steel
- ◆ Resin Cored Soldering Wire
- ◆ Rice Huller
- ◆ 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
- ◆ Selenium Coated Aluminium Drum Used in Plain Paper Copier
- ◆ Self Taping Steel Screws
- ◆ Sewing Needles (For Use with Domestic/Indl. Sewing M/c.)
- ◆ Silencer for Auto Vehicles
- ◆ Silencer for Two and Three Wheelers
- ◆ Silicone Metal (Cap. 25 MT/A)
- ◆ 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 Tube
- ◆ Stainless Steel Utensil
- ◆ Stainless Steel Wire Drawing
- ◆ Steel Balls for Ball Point Pen
- ◆ 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 (Blast Furnace)
- ◆ Steel Plant
- ◆ 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
- ◆ Structural Steel
- ◆ Submerged Arc Welded Pipes
- ◆ Submersible Pump Manufacture
- ◆ Super Enamelled Copper Wire
- ◆ Surgical Suture
- ◆ Taper Roller Bearing
- ◆ Thermocole
- ◆ Three Wheelers Manufacturing
- ◆ Torch & Tri-Light Unit (Integrated Plant)
- ◆ Tripod Stands, Tables & Chairs (100% E.O.U.)
- ◆ Tube Making for Umbrella
- ◆ U Bolt & Centre Bolt for Auto leaf Springs
- ◆ Vacuum Metalising Process
- ◆ Vacuum Thermoflask
- ◆ Valve Guide
- ◆ Washerless Faucet (Taps)
- ◆ Watch Straps/Chains/Belt
- ◆ Watch Case Manufacturing Unit
- ◆ Watch Straps/Chains/Bracelets / Belt (Brass & Steel)
- ◆ Welding Brass Rod
- ◆ Welding Electrodes
- ◆ Welding Fluxes
- ◆ Wick Stoves
- ◆ Wick Stoves Stainless Steel
- ◆ Wind Mill
- ◆ Wind Screen Cleaner
- ◆ Wire Mesh (Hexagonal Square)
- ◆ Wire Nail
- ◆ Wire Nail/Wire Drawing
- ◆ Zinc and Aluminium Anode
- ◆ Foundry Marine & Oil Industry
- ◆ MISCELLANEOUS PRODUCTS
- ◆ Advertising Agency
- ◆ Agarbatti (Sticks)
- ◆ Air Taxi (12 Seater)
- ◆ Amusement Park
- ◆ Amusement Park Cum Water Park
- ◆ Ammonia Gas Bottling Plant
- ◆ Artificial Flowers (Paper & Cloth)
- ◆ Artificial Marble Tiles
- ◆ Artificial Flowers
- ◆ Asphaltic Roofing Sheet
- ◆ Auto Workshop/Garage & Service Station
- ◆ Automatic Book Binding Unit
- ◆ Automatic Match Box with Match Stick Wooden & Waxed Strips
- ◆ Bamboo Furniture
- ◆ Bamboo Chips for Paper Mill
- ◆ Bamboo Sticks Used for Agarbatti
- ◆ Bamboo Tooth Picks (Cap. 64 MT/ Annum)
- ◆ Bank (Private Sector)
- ◆ Banquet Hall
- ◆ Batchlor Physiotherapy (BPT College)
- ◆ Bentonite
- ◆ Bentonite (Quarrying, Processing & Exporting)
- ◆ Bidi Manufacturing Unit
- ◆ Body Building (Truck & Bus)
- ◆ Bone Crushing Plant
- ◆ Broom Stick Processing Unit
- ◆ Buttons from Cattle Hoves
- ◆ Buttons from Hoves & Horns
- ◆ Canvas Shoes
- ◆ Carbide Tips/Inserts/Indexable
- ◆ Car-Leasing & Finance
- ◆ Cancer Hospital (50 Beds)
- ◆ Captive Power Plant
- ◆ Captive Thermal Power Plant for Glass Industry
- ◆ China Clay Washing/Purification
- ◆ Cigarettes Unit
- ◆ Cinema Hall
- ◆ Coal Washing Unit
- ◆ Coir Handicraft
- ◆ Coir Industries
- ◆ Cold Storage & Ice Plant
- ◆ Cold Storage
- ◆ Combine Coke
- ◆ Community Hall
- ◆ Composite Carbon Fiber
- ◆ Coal Mining
- ◆ Cricket Ball, Bat
- ◆ Culinary Institute
- ◆ Daily Need Stores
- ◆ Dental College
- ◆ Departmental Stores
- ◆ Diagnostic Centre
- ◆ Diamond & Gem Cutting & Processing Unit
- ◆ Diamond Cutting & Export
- ◆ Dispensary
- ◆ Disposable Cigarette Gas Lighter
- ◆ Dry Cleaners
- ◆ Dry Cleaning and Laundry Unit
- ◆ Dry Dock
- ◆ Dry Flowers
- ◆ Engineering College
- ◆ Expansion Joint Filler
- ◆ Eye Hospital
- ◆ Fast Food Corner
- ◆ Fire Fighting Equipment, Chemicals & Refilling
- ◆ Fire Works
- ◆ Five Star Hotel (Deluxe)
- ◆ Five Star Hotel
- ◆ Five Star Hotels with Shopping Mall, Health Club, Water Park, Amusement Park, Golf Course & Golf Academy, Cottage & Openair Theatre
- ◆ Five Star Hotels, Business Center (Shopping Centre) PVR, Health Club & Banquet Hall
- ◆ Flush Door, Chip Board, Hard Board, Insulating Board
- ◆ Flush Door, Clip Board & Hardboard
- ◆ Games Parlour
- ◆ Gas Filling of L.P.G. Cylinder
- ◆ Gems Manufacturing (Original)
- ◆ Gold & Silver Jewellery
- ◆ Gold Jewellery (100% EOU)
- ◆ Golf Course
- ◆ 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
- ◆ Holiday Resorts
- ◆ Holiday Resorts Cum Entertainment Club, 4 Star Hotel
- ◆ Holiday Village Resort
- ◆ Hospital
- ◆ Hospital (20 Beds)
- ◆ Hospital 300 Beds to 700 Beds with Teaching Facility
- ◆ Hospital Bed
- ◆ Hotel
- ◆ Hotel 5 Star
- ◆ Hotel 5 Star, 3 Star, Holiday Resorts
- ◆ Hotel/Small Motel
- ◆ International Standard Laboratories
- ◆ Kids Entertainment Cum Food Centre (Restaurant) in the Mall
- ◆ Laminated Partical Board
- ◆ Laundry
- ◆ Leasing Hire Purchase A/C
- ◆ Local Area Bank
- ◆ Low Ash Metallurgical Coke Plant
- ◆ L.P.G. Cylinder Retesting Unit
- ◆ L.P.G. Cylinder Testing Centre
- ◆ Marketing Arrangement and Distribution Strategy of Wd-40
- ◆ Marketing of Gram Shilpa
- ◆ Match Box (Manual Process)
- ◆ Match Box Plant (Automatic)
- ◆ Medical College
- ◆ Medical College, Hospital & Research Institute
- ◆ Melamine Crockery

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

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## SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Metallurgical Coke Plant Coking Coal
- ◆ Mfg. of Coloured Joint Filler Used for Jointing Tiles
- ◆ Mineral Fillers for Application in Paint, Paper, Rubber, Plastic
- ◆ Mineral Wool
- ◆ Motel/Small Hotel with Banquet Hall, Restaurant & Catering
- ◆ Multiplex Cinema Hall, PVR with Shopping Centre
- ◆ Multistoried Commercial Complex
- ◆ Natural Care Centre
- ◆ Nursery School
- ◆ Nursing Home
- ◆ Old Age Home, Orphan Children Hall & Dharamshala
- ◆ Paint Brush
- ◆ Paint Driers
- ◆ Particle Board & Block Board with Sanding and Laminating
- ◆ Pediatric Hospital 25 Beds
- ◆ Petrol Pump
- ◆ Pharmaceutical College (B-Pharma & D-Pharma)
- ◆ Photo Lab. Cum Studio (100% Computerized)
- ◆ Plaster of Paris Bandages
- ◆ Plywood
- ◆ Plywood & Plyboard
- ◆ Plywood (Phenol Bonded)
- ◆ Pre Laminated Particle Board
- ◆ Puzzles
- ◆ PVC Joint Fillings
- ◆ Q.S.S. Colour Lab
- ◆ Quering of Lime Stone
- ◆ Recreation and Health Club
- ◆ Rehabilitation Centre for Aged & Needy
- ◆ Residential Apartments
- ◆ Residential School (C.B.S.E. Pattern)
- ◆ Restaurant
- ◆ Restaurant/Fast Food Parlour
- ◆ Rock Wool Based on Slag
- ◆ Rubber Wood Processing Plant
- ◆ Saw Mill
- ◆ School
- ◆ School (Secondary School)
- ◆ 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
- ◆ Super Market (Commercial Market)
- ◆ Synthetic Floating to Fishing Industry
- ◆ Synthetic Ruby and Sapphire
- ◆ Teak Wood & Meranti Doors—Solid Semi-Solid Doors
- ◆ Tennis Ball
- ◆ Three Star Hotel
- ◆ Timber (Wood) Seasoning
- ◆ Trading Business (Computer & Related Stationery)
- ◆ Trading Business (Rice, Salt, Dry Fruits)
- ◆ Trading Business (With Packaging Rice, Salt, Pulses)
- ◆ Travelling Agency
- ◆ Venetian Blind
- ◆ Video Film Studio
- ◆ Vocational Training Institute
- ◆ Ware House
- ◆ Water Park
- ◆ Wind Mill
- ◆ Wonder Fuel (Gel Type)
- ◆ Wood Wool Industry
- ◆ Wooden Chips for Supplying to Paper Mills
- ◆ 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
- ◆ Work Shop for Telco Truck
- OILS & FATS
- ◆ Anilin Oil By Hydrogenation from Benzene
- ◆ Cardamom Oil
- ◆ Castor Oil (Batch Process)
- ◆ Castor Oil (Extraction & Refining)
- ◆ Castor Oil Derivative Oleoresin
- ◆ Chilli Oil
- ◆ Coconut Oil from Copra
- ◆ Coconut Oil in Containers (Filtration & Airtight Packaging)
- ◆ Corn Oil (Maize Oil)
- ◆ Cotton Seed Oil
- ◆ Cotton Seed Oil (Extraction & Refined)
- ◆ 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
- ◆ Maize Oil
- ◆ Margarine/Fat
- ◆ Mahua Oil
- ◆ Neem Oil from Seeds
- ◆ Non-Formal Dye Fixing Oil
- ◆ 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
- ◆ Sun Flower Seed Oil
- ◆ Tejpatta Oil from Tejpatta
- ◆ Turkey Red Oil
- ◆ Turpentine Oil and Rosin
- ◆ Virgin Coconut Oil
- ◆ Wheat Germ Oil
- ◆ Wool Batching Oil
- PAPER & ALLIED PRODUCTS
- ◆ Absorbent Kraft Paper
- ◆ Amonia Paper
- ◆ Baby Wet Wipes & Facial Wet Tissue
- ◆ Carbonless Paper
- ◆ Card Board Boxes & Cartoons of 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 Sheet Board & Boxes
- ◆ Craft Paper & Special Paper
- ◆ Craft Paper from Waste Paper
- ◆ Emery Sand Paper
- ◆ Exercise Note Book & Register
- ◆ Flute Paper from Waste Paper
- ◆ Hand Made Paper
- ◆ Hand Made Paper Using Recycled Hand Made Paper
- ◆ Hard Board from Baggase
- ◆ 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
- ◆ 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 Board
- ◆ Paper Cones & Tubes
- ◆ Paper Cones & Tubes (Automatic Plant)
- ◆ Paper Cups for Ice Cream
- ◆ Paper Envelopes
- ◆ Paper from Bagasse
- ◆ Paper from Bamboo
- ◆ Paper from Rice Husk & Wheat Husk
- ◆ Paper from Waste Paper
- ◆ Paper from Waste Paper, Bamboo Chips, Rice & Wheat Husk
- ◆ Paper from Wood Pulp & Bamboo
- ◆ Paper Napkin, Facial Paper & Toilet Roll from Tissue Paper
- ◆ Paper Napkins & Air Mail Paper
- ◆ Paper Plate with Silver Lamination
- ◆ Paper Plates
- ◆ Paper Shopping Bag
- ◆ Poly Coated Paper
- ◆ Printed Paper Shopping Bags
- ◆ Pulp from Bamboo & Wood
- ◆ Self-Sealing Paper Envelopes
- ◆ Silicon Release Paper
- ◆ Silicone Coated Paper
- ◆ Straw Board (Automatic Plant) from Rice Husk & Bagasse
- ◆ Sundried Board from Waste Paper & Pulp
- ◆ Tissue Paper
- ◆ Tissue Paper, Toilet Paper & Air Mail Paper Roll
- ◆ Tracing Paper
- ◆ Wall Paper
- ◆ Writing & Printing Paper
- ◆ Writing & Printing Paper Plant
- PESTICIDES, INSECTICIDES & ALLIED PRODUCTS
- ◆ Aerosol Insecticide Spray
- ◆ Ayurvedic Gamaxane (Using Red Mong)
- ◆ Bagon Spray
- ◆ Bagon Aerosol Spray for Mosquito, Insects
- ◆ Black Phenyl (Rwc 5-6)
- ◆ Copper Oxychloride
- ◆ D.D.T. Powder
- ◆ Mosquito Coil and Mats
- ◆ Mosquito Coils
- ◆ Mosquito Mats and Liquids
- ◆ Mosquito Repellant Candle
- ◆ Mosquito Repellant Liquidator
- ◆ Mosquito Repellant Oil
- ◆ Mosquito Repellant Mats
- ◆ Mosquito Repellant Agarbatti
- ◆ Pesticide Formulation
- ◆ Pesticides
- ◆ Phenyl (Black & White)
- ◆ Phenyl Pine Oil Disinfectants
- PETROLEUM, WAXES & ALLIED PRODUCTS
- ◆ Anti-Static Lubricating Oil Used for Polyester Fibre Spinning
- ◆ Automatic Candle Making Plant
- ◆ Bees Wax
- ◆ Bitumen Emulsion Cationic Type
- ◆ Bitumen
- ◆ Bituminous Felts for Water Proofing and Damp Proofing
- ◆ 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)
- ◆ Chloroform (CHCl<sub>3</sub>)
- ◆ Chlorinated Paraffin Wax (CPW)
- ◆ Coal Tar Pitch
- ◆ Coal Tar Distillation
- ◆ Coloured Flamed & Perfumed Candles
- ◆ Coloured Flamed Candles (Red, Blue & Green)
- ◆ Compound Wax from Residual Oil
- ◆ Coolant & Brake Oil
- ◆ Cough Syrup
- ◆ Crude Oil Refinery (Like Gasoline, Diesel, Jet Fuel, LPG, Kerosene & Bitumen)
- ◆ Cutting Oil
- ◆ Feldspar
- ◆ Furnace Oil
- ◆ Grease & Lube Oil from Used Engine Oil
- ◆ Grease Manufacturing
- ◆ Grease Manufacturing (Calcium, Lithium & Sodium)
- ◆ Grease Used for Chasis
- ◆ Jute Batching Oil
- ◆ Liquid Shoe Polish
- ◆ Lube Oil from CNSL Reduce Friction
- ◆ 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
- ◆ 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
- ◆ Silicon Grease & Lubricants
- ◆ Sugar Cane Wax
- ◆ Transformer Oil
- ◆ Turkey Red Oil
- ◆ Wax Floor Polish
- ◆ Wetting Oil (Textile Yarn Wetting Agent)
- ◆ White Oil from Kerosene Oil
- ◆ Wire Drawing Lubricants
- ◆ Wood Polish
- PHARMACEUTICAL DRUGS & FINE CHEMICALS
- ◆ 16 DPA (16-Dehydropreynolone Acitate)
- ◆ Adhesive Tape for Hospital Use
- ◆ Amoxycillin
- ◆ Ampicillin
- ◆ Aspirin
- ◆ Ayurvedic Churan & Tablets
- ◆ Ayurvedic Pain Balm Ointment

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

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## SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Ayurvedic Pharmacy (Capsules, Liquid, Oral Ointment, Powder)
  - ◆ Ayurvedic/Herbal Pharmacy
  - ◆ Baby Health Care Food & Milk
  - ◆ Blood Collection Bags
  - ◆ Bulk Drugs
  - ◆ Camphor Tablets
  - ◆ Ciprofloxacin
  - ◆ Cloxacillin
  - ◆ Cotton Buds/Swab
  - ◆ Cough Syrup
  - ◆ Dettol Like Antiseptic Lotion
  - ◆ Dextrose (Monohydrous)
  - ◆ Dextrose 5%
  - ◆ Dextrose Anhydrous, Sorbitol, Vitamin C
  - ◆ Dextrose Injection
  - ◆ Dextrose Powder from Potatoes
  - ◆ Dextrose Saline 5% 10% 2 5 % 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
  - ◆ Herbal Concentrate in the Mfg. of Herbal Drugs & Concentrate
  - ◆ Herbal Extract
  - ◆ Herbal Formulation (Herbal Plant)
  - ◆ Homeopathic Sugar Globules
  - ◆ Homeopathic Medicines
  - ◆ Ibuprofen
  - ◆ Implantable Surgical Suture (Bio Medical Textile)
  - ◆ Injectables for Pharmaceutical
  - ◆ Isabgol Husk
  - ◆ I.V. Bottle (F.F.S. Technology)
  - ◆ I.V. Fluid in Plastic Bottles
  - ◆ I.V. Fluids
  - ◆ 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 Unit (Tablet, Syrup, Capsules)
  - ◆ Pharmaceuticals (Biotech, Traditional & Generic)
  - ◆ Salicylic Acid/Aspirin
  - ◆ Saline and Injection Water
  - ◆ Sanitary Napkins & Baby Diaper
  - ◆ 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**
- ◆ 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
- 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 Farms & Security Printing Press
  - ◆ Daily News Paper Press
  - ◆ Desktop Publishing (DTP)
  - ◆ DTP Cum Offset Printing
  - ◆ DTP, E-Mail, Internet & Leased Access for Commercial Purpose
  - ◆ Flexographic & Rotogravure Printing
  - ◆ Flexographic Printing on Polyethylene
  - ◆ Graphic Art Conversion & Packing
  - ◆ Gravure Printing Cylinders
  - ◆ Heat Transfer Label for Rubber
  - ◆ Letter Press Printing Unit
  - ◆ Modern Advertisement Agency with DTP & Film Studio
  - ◆ Multi Colour 8 Page Offset Printing Unit
  - ◆ News Paper Publishing Unit
  - ◆ Offset Printing [Mini]
  - ◆ 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
  - ◆ Pre-Sensitised (PS) Plates of Aluminium for Offset Printing
  - ◆ Printing Inks
  - ◆ Printing on Cartoon
  - ◆ Roto Gravure Printing
  - ◆ Screen Printing
  - ◆ Screen Printing Ink
  - ◆ Textile Printing (Pigment Binder)
  - ◆ Writing and Printing Paper
- RUBBER & PLASTIC INDUSTRIES**
- ◆ 100% Polyester Wadding
  - ◆ ABS Granules
  - ◆ Acrylic Latex
  - ◆ Acrylic Sheet & Moulded Products
  - ◆ Acrylic Sheet from Acrylic Waste
  - ◆ Acrylic Tiles (Extruded)
  - ◆ Acrylic Yarn
  - ◆ Acrylic Mirror
  - ◆ Acrylic Sheet
  - ◆ Acrylic Teeth Manufacturing
  - ◆ Air Bubble Packaging
  - ◆ Armoured Cables
  - ◆ Auto Tubes
  - ◆ Auto Tubes & Tyres for Scooter
  - ◆ Automobile Tyres for Bus, Truck, Trolley
  - ◆ Automobile Tyres, Tubes & Flaps
  - ◆ Automotive Tyre Plant (Cap. 5,00,000 Tyre/Annum)
  - ◆ Automotive Radial Tyre Plant for Car & Trucks
  - ◆ Bakelite Electrical Accessories
  - ◆ Bakelite Moulded Products
  - ◆ Bakelite Powder for Electric Goods & Pressure Cooker
  - ◆ Bakelite Sheet (Phenolic Sheet)
  - ◆ Bakelite Sheet (Fabric & Paper Base)
  - ◆ Bare Polyester Film with Metalising & Coating Process
  - ◆ Bicycle Tubes
  - ◆ Bicycle & Motor Cycle Tube
  - ◆ Bicycle Tyres 4000 Pcs./8 Hr.
  - ◆ Blood Bags
  - ◆ Blow Moulding (Plastic Containers)
  - ◆ Blood Collection Bags
  - ◆ Blow Moulded Plastic Products
  - ◆ BOPP Films
  - ◆ BOPP Pressure Sensitive Self Adhesive Tape
  - ◆ 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
  - ◆ Conveyor Belting
  - ◆ Cross-Linked Polyurethane Foam
  - ◆ Cycle Tyres & Tubes
  - ◆ Disposable Dishes, Knife, Fork & Cutlery
  - ◆ Disposable Examination Plastic Gloves
  - ◆ Disposable Plastic Cup, Glasses
  - ◆ Disposable Plastic Syringes
  - ◆ Epoxy Resin
  - ◆ EVA (Ethylene Vinyl Acetate Sheet & Sole)
  - ◆ Expanded Polystyrene Board
  - ◆ Fiber Reinforced Plastics (FRP)
  - ◆ Fibre Glass
  - ◆ Fibre Glass Industries – Chopped, Stand, Mats & Woven Roving
  - ◆ Fibre Reinforced Plastic Pipes
  - ◆ Field Rubber Converted to the % Latex Rubber
  - ◆ Flexible Office Furniture Systems
  - ◆ Flexible Polyurethane Foam
  - ◆ Foam & its Products as Mattresses, Cushion, Pillows
  - ◆ F.R.P. Boat Building
  - ◆ F.R.P. Products (Fiber Reinforced Plastic Products)
  - ◆ FRP Auto Scooter Roofs/ Ceiling
  - ◆ FRP Sheet & Product
  - ◆ H.D.P.E. Bags (Stitching)
  - ◆ H.D.P.E. Film & Sheets
  - ◆ H.D.P.E. Tarpaulins
  - ◆ H.D.P.E. Woven Sacks/Stitching
  - ◆ Hard Rubber Battery Container
  - ◆ Hawai Chappal
  - ◆ Hawai Chappal & Micro Cellular Sheet Manufacturing
  - ◆ HDPE Container (All Purpose)
  - ◆ HDPE/PP Box Strapping
  - ◆ HM-HDPE Blow Moulded Containers
  - ◆ Hoses (Air-Based-Welding Hoses & Pesticides Spray Pipe)
  - ◆ Hydraulic Hoses and Clamping
  - ◆ I.V. Cannula
  - ◆ Industrial Gloves
  - ◆ Injection Moulded Plastic Products
  - ◆ Intra Venous (I.V.) Sets
  - ◆ L.P.G. Gas Pipe
  - ◆ L.P.G. Valves
  - ◆ Latex Based Adhesive
  - ◆ 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
  - ◆ Medical X-Ray Film Slitting and Repacking
  - ◆ 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
  - ◆ Nylon Zip Fasteners
  - ◆ Optical Fibre
  - ◆ Patches Tube Repairing Material
  - ◆ PET Bottle
  - ◆ PET Bottles from Pre-Form PET
  - ◆ PET Bottles/Containers
  - ◆ PET Pre-Form from PET Resin
  - ◆ Plastic Buckets, Bottles & Doll
  - ◆ Plastic Buttons from Polyester Sheet & Rod
  - ◆ 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 Processing Moulds
  - ◆ Plastic Sequence
  - ◆ Plastic Spectacle Frame
  - ◆ Plastic Sutili
  - ◆ Plastic Tooth Picks
  - ◆ Plastic Toys
  - ◆ Plastic Water Storage Tank (H.D.P.E.) (Syntex Type)
  - ◆ Poly Propylene Measuring Cup
  - ◆ Polyester Film
  - ◆ Polyester Polyol Air Foam By Using Petroleum Base as Raw Material
  - ◆ Polyester Resin
  - ◆ Polyethylene Tarpaulin (PE Tarpaulin)
  - ◆ 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)
  - ◆ Polyvinyl Alcohol Film (Cold Water Soluble)
  - ◆ PP Bottle
  - ◆ PU Foam (Polyurethane Foams)
  - ◆ PVC (HDPE) Water Storage Tank

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

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## SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ PVC Bottles
  - ◆ PVC Coating on G.I. Wire
  - ◆ PVC Compound from PVC Resin
  - ◆ PVC Compounding
  - ◆ PVC Conduit Pipe (Electrical)
  - ◆ PVC Extrusion Profile (Wiring Channel)
  - ◆ PVC Film
  - ◆ 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 Profiles (Door, Window and Chairs) Decorative Accessories
  - ◆ PVC Rexene Cloth
  - ◆ PVC Section Hoses
  - ◆ PVC Section Pipe
  - ◆ PVC Sheet
  - ◆ PVC Soles
  - ◆ PVC Tube
  - ◆ PVC Wires and Cables (Flexible)
  - ◆ Recycling of P.E.T.
  - ◆ Rubber (Floor Mat) for Automobile
  - ◆ Rubber Adhesives
  - ◆ Rubber Auto Parts
  - ◆ Rubber Ball for Children
  - ◆ Rubber Band
  - ◆ Rubber Band (Disco Type)
  - ◆ Rubber Baskets
  - ◆ Rubber Belting (V - Belt)
  - ◆ Rubber Compound for Automobiles
  - ◆ 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 Industry
  - ◆ Rubber Roller & Ebonite Roller
  - ◆ Rubber Roller for Printing Machine
  - ◆ Rubber Roller for Rice Mill
  - ◆ Rubber Rollers
  - ◆ 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 Examination Gloves
  - ◆ Super Plasticizer (Liquid Form)
  - ◆ Synthetic Pearl Coating on Polystyrene Beads
  - ◆ Synthetic Pollen
  - ◆ Synthetic Rubber
  - ◆ Teflon Coating
  - ◆ Teflon Tape
  - ◆ Thermocol Sheet
  - ◆ Thermocol Sheet & Moulded Products
  - ◆ Thermoforming Plant Disposable Glass, Bowles & Plates (Polystyrene as Raw Material)
  - ◆ Tooth Brush
  - ◆ Transparent PVC Blown Film (PVC Rolls) Used for Industry
  - ◆ Tread Rubber Used for Cold Process
  - ◆ Tube Valves
  - ◆ Tyres & Tubes for Scooter & Motorcycle
  - ◆ Tyres Retreading By Cold Process
  - ◆ Tyre Retreading By Hot Process
  - ◆ Tyres Tubes for 2/3 Wheelers, Motor Cycle, Rickshaw
  - ◆ Unsaturated Polyester Resin
  - ◆ Water Proofing System (Polyurethane and Acrylic Based XLPE Cables
  - ◆ X-Ray Film
- SOAP & DETERGENTS**
- ◆ Acid Slurry By Manual Process
  - ◆ Blue Detergent Powder
  - ◆ Cleaning Powder (Vim Type)
  - ◆ Detergent Cake & Powder
  - ◆ Detergent Cake & Powder (Rin-Type)
  - ◆ Detergent Powder & Cake (Fena Type)
  - ◆ Detergent Powder (Nirma Type)
  - ◆ Detergent Washing Powder (Ariel Type)
  - ◆ Fena Type Detergent Powder & Cake
  - ◆ Floor Cleaner
  - ◆ Glycerin Bath Soap (Pears Type)
  - ◆ Hard Oil Soap
  - ◆ Liquid Detergent
  - ◆ Liquid Detergent for Wool
  - ◆ Metal Polish Soap
  - ◆ Soap Coated Paper
  - ◆ Softener (Cationic, Anionic, & Non Ionic)
- WEALTH FROM WASTE PRODUCTS**
- ◆ Talcum Powder & Compact Powder for Face
  - ◆ Toilet & Herbal Soap
  - ◆ Toilet Closet Cleaner
  - ◆ Toilet Soap
  - ◆ Utensil Cleaning Bar
  - ◆ Washing and Laundry Soap
  - ◆ Washing Powder & Soap (Nirma Type)
  - ◆ Acrylic Sheets from Acrylic Scraps
  - ◆ Activated Carbon from Rice Husk, Saw Dust
  - ◆ Basic Chromium Sulphate from Waste Sulfur Dioxide
  - ◆ Bio Coal Briquettes from Agriculture
  - ◆ Bio Fertilizer from Cow Dung & other Waste
  - ◆ Bricks from Fly Ash
  - ◆ Bricks from Stone Dust
  - ◆ Charcoal Powder from Rice Husk
  - ◆ Caffeine from Tea Waste
  - ◆ Carbon Black from Fertilizer Waste
  - ◆ Cement from Rice Husk
  - ◆ Coir Pith
  - ◆ Cotton from Waste Yarn
  - ◆ Extraction of Lead from Lead Waste
  - ◆ Fixture Bleach Obtained from Flute Paper from Waste Paper
  - ◆ Gelatin from Bones
  - ◆ Hard Board from Bagasse
  - ◆ Kraft Paper from Waste Cartoon Boxes
  - ◆ Kraft Paper from Bagasse
  - ◆ Lead Recovery from Scrap Battery
  - ◆ Manufacturing of Recycling Paper Products
  - ◆ Mini Paper Plant from Waste Paper
  - ◆ Municipal Garbage Treatment Plant
  - ◆ Nickel Catalyst of Vanaspati Industries
  - ◆ Nicotine from Tobacco Waste
  - ◆ Ossein from Bones
  - ◆ Oxalic Acid from Vegetable Waste
  - ◆ Oxalic Acid from Paddy Husk
  - ◆ Oxalic Acid from Saw Dust
  - ◆ Paper from Waste Paper
  - ◆ Particle Board from Agro Waste & Sugarcane Bagasse
  - ◆ Particle Board from Jute Waste
  - ◆ Particle Board from Saw Dust
  - ◆ Pectin from Orange/Lime Peels
  - ◆ Plastic Granules from Plastic Waste
  - ◆ Polyester Yarn from Waste
  - ◆ Power Generation from Agriculture Waste
  - ◆ 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 for 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-Colour Lab & X-Ray Film, Cinema Film & Waste Hypo Solution By Sulphide Process
  - ◆ Recovery of Silver Nitrate from
  - ◆ 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
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  - ◆ Rubber Powder from Used Tyres
  - ◆ 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
  - ◆ Tomato Product Manufacturing
  - ◆ Tomato Pulp
  - ◆ Turmeric Powder
  - ◆ Vanaspati Ghee
  - ◆ Vegetable Margarine Plant
  - ◆ Vegetable Oil (Refined)
  - ◆ Vinegar
  - ◆ Virgin Coconut Oil
  - ◆ Wheat Puff



## SELECTED PROJECTS FOR YOU

in varied industries. It just requires an innovative bend to use it to derive maximum profitability. The smooth surface & the uniform size of the pellets allow uniform coating not only for each pellet but also from batch to batch. Highlighted below are some of the few instances where smooth surfaced uniform pellets are being successfully used: Improved appearance of the products. Coating of pellets can be done with different drugs to enable a controlled release rate. In case of immediate Release Products larger surface area of pellets enables better distribution. Chemically incompatible products can be formed into pellets & delivered in a single dose by encapsulating them. In the chemical industries it is used to avoid powder dusting. Varied applications are possible in the pellet form. Eg: sustained release. Pellets ensure improved flow properties, and flexibility in formulation development and manufacture. The coating material may be colored with a dye material so that the beads of different coating thickness will be darker in color and distinguishable from those having fewer coats. The beads or granules of different thickness of coatings are blended in the desired proportions to give the desired effect. The thickness of the coat on the pellets dictates the rate at which the drug/

contents are released from the coated particles. A smooth surface of the pellets & uniform coating thickness for each pellet. By selecting the proper formulation, processing conditions and processing equipment it is possible to attain smooth surfaced & uniform pellets. The most common advantages of pelletization are: Improved appearance of the product and the core is pharmaceutically elegant. Pelletization offers flexibility in dosage form design and development, Pellets are less susceptible to dose dumping, It reduces localized concentration of irritative drugs, It improves safety and efficacy of a drug, Pellets offer reduced variation in gastric emptying rate and transit time, Pellets disperse freely in G.I.T. and invariably maximize drug absorption and also reduce peak plasma fluctuation, Pellets ensure improved flow properties in formulation development.

### MARKET SURVEY

The Indian pharmaceutical industry is the fourth largest in the world in terms of volume of output and thirteenth in domestic demand. However, the Indian industry, valued at USD 17 bn in represented just over 1% of the global pharmaceutical industry (USD 1700 bn) in value terms. The domestic market is estimated at Rs 680 bn. According to the Federation

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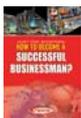
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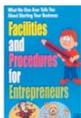
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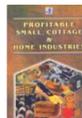
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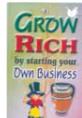
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## SELECTED PROJECTS FOR YOU

of Indian Chambers of Commerce and Industry (FICCI), another apex industry association, there are some 6,000 firms engaged in the sector. In terms of revenue generation, there are 100 big companies (including subsidiaries of MNCs) each with sales of at least USD 650,000, 200 medium size companies with sales ranging between USD 210,400 and USD 650,000; and 5700 small companies with sales of less than USD 210,400. Because many of these companies focus on producing similar generic or same drugs, the industry is characterized by fierce competition and high volumes, razor-thin profit margins, overcapacity, and declining prices. The growth has been driven by many factors, such as legislative reforms, growth in contract manufacturing and outsourcing, value added foreign acquisitions and joint ventures and India's acumen and expertise in reverse engineering of patented drug molecules. India has, in the meantime, been trying to comply with the World Trade Organization's Trade Related Intellectual Property Agreement (TRIPs) obligations. India is now among the top five pharmaceutical emerging markets. The Indian pharma industry has been growing at a compounded annual growth rate (CAGR) of more than 15 per cent over the last five years and has significant growth opportunities. The Indian pharmaceutical sector is expected to grow five-fold to reach Rs 5 lakh crore (US\$ 91.45 billion) by 2020, as per Dr A J V Prasad, Joint Secretary, Department of Pharmaceuticals (DoP). The industry, particularly, has been the front runner in a wide range of specialties involving complex drugs' manufacture, development, and technology. With the advantage of being a highly organized sector, the number of pharmaceutical companies are increasing their operations in India.

### COST ESTIMATION

Capacity	: 600 Kgs/Day
Plant & Machinery	: Rs. 208 Lakhs
Cost of Project	: Rs. 547 Lakhs
Rate of Return	: 26.86%
Breakeven Point	: 63.39%

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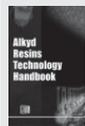
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The aim of this book is to present in a single volume an up to date account of the manufacture of Fine Chemicals, Vitamins, Amino Acids and Proteins. The book includes several new information which comprise important threads in the industry's total 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**

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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**

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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**

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There are fundamentally two different methods of extruding film, namely, below 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 fibre Glass. Fibre 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 fibre 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 project 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 lead 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**

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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**

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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 as plastics. **₹750 US\$100**

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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**

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### 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 of 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, 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**



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

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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



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The neem tree, which is also known as Margosa or Indian lilac, 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



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 HERBAL BEAUTY PRODUCTS WITH  
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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



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