ISSN 09771-7463 POSTAL LICENSE G-3/DL(N)/114/2015-2017 U(DN)154/2015-17

Entrepreneur India



AN ISO 9001-2008 CERTIFIED COMPANY



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₹ 20/- US\$5

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

Vol. 22

November 2016

36 Pages

Modern Technology of Food Processing & Agro Based Industries

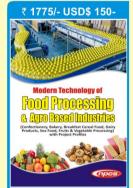
(Confectionery, Bakery, Breakfast Cereal Food, Dairy Products, Sea Food, Fruits & Vegetable Processing) with Project Profiles

eveloping competitive agro-industries is crucial for generating employment and income opportunities. It also contributes to enhancing the quality of, and the demand for, farm products. Agroindustries have the potential to provide employ-ment for the rural population not only in farming, but also in off-farm activities such as handling, packaging, processing, transporting and marketing of food and agricultural products.

Food processing & agriculture based industry is important from the point of view of contribution to industrial production and employment generation. The food sector has emerged as a highgrowth and high-profit sector due to its immense potential for value addition, particularly within the food processing

industry. The agriculture processing sector has the vast potential in the develop-ment of an economy through its multiplier effect.

This handbook contains processes formulae, manufacturing method of various products, brief profiles of various projects which can be started and providing information regarding land area cost, project



cost, plant & machinery cost etc. It contains Photographs of Plant & Machinery with Supplier's Contact Details and Plant Layout and Process Flow Sheets.

The major contents of the book are Biotechnological Applications in Dairy Industry, Packaging of Orange Squash in Rigid Plastic Containers, Assurance for Food Products, Canning of Vegetables, Cocoa Butter, Chewing Gums, Confectionery Manufac-turing Process, Corn Flakes and Starch, Dairy Products, Dehydra-tion of Fruit & Vegetables, Extruded Sugar Products, Fish Canning and Processing, Fruit Beverages, Fruit Juices, Squashes and Cordials, Honey, Ice Cream, Jam, Jellies & Marmalades, Pickles, Chutneys & Sauces, Preservation Fruits and Vegetables, Sugar Candy &

Confectionery etc.

This publication is an outcome of contributions from project consultants, engineers and food technologists aimed at highlighting the manufacturing project details. It is expected that the information presented in this handbook will help everyone who wants to startup as entrepreneur.

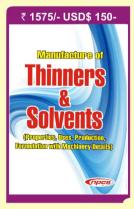
Manufacture of Thinners & Solvents (Properties, Uses, Production, Formulation with Machinery Details)

Colvents are defined as chemicals compound that are introduced during manufacture of the paint itself and before packaging, in order to maintain all components of the paint in a liquid / viscous state such as we know it. A solvent is usually a liquid but can also be a solid or a gas. Solvents find various applications in chemical, pharma-ceutical, oil, and gas industries, including in chemical syntheses and purification processes.

Thinners are defined as chemical compounds that are introduced into the paint prior to application, in order to modify the viscosity and other properties related to the rate of curing that may affect the functionality and aesthetics of the final

layer painting. Paint thinner, a solvent used in painting and decorating, for thinning oil-based paint and cleaning brushes. A Thinner may be a single solvent or a combina-tion of solvent types. Often, specific thinners are required by the manufacturer of a coating to prevent damage to coating properties that may occur when an inappropriate thinner is used.

Solvents (for cleaning up or softening) and Thinners (for diluting or extending) are useful not only in painting but in other areas such as Wooden Furniture industry, Automobile industry, Ink industry, Rubber industry.



As the paint industry is a major consumer of Thinners & Solvents, and is expanding at a tremendous speed, it is very obvious that the demand of thinners, too, will increase tremendously. The paints & coatings accounts for the largest share in the aliphatic hydrocarbon Thinners & Solvents market. It is also projected to be the fastest-growing application of the aliphatic hydrocarbon Thinners and Solvents market.

The book contains Properties, Uses, manufacturing of Thinners & Solvents and providing information regarding thinner formulation. It also covers raw material suppliers, photographs of plant & machinery with supplier's contact details. Some of the fundamentals of the book are thinner in Paint Industry, Health and Safety Measures of Chemi-cals, Pollution

Control, Waste Disposal of Hazardous Chemicals and Storage, Labelling and Packaging of Chemicals etc.

It will be a standard reference book for professionals and entrepre- neurs. Those who are interested in this field can find the complete information from manufacture to final uses of Solvents and Thinners. It will be very helpful to consultants, new entrepreneurs, technocrats, research scholars, libraries and existing units.

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



The Complete Technology Book On **Dairy & Poultry Industries**

(With Farming & Processing) 2nd Revised Edition

Developments in the Dairy and Poultry Industries during the last decade have been important enough to brought out a considerable amount of material on Dairy and Poultry farming and processing of milk and poultry related products. The first book of its kind which cover complete

details of dai ry poultry farming, processing, how to feed cows, birds in dairy and poultry, kind of diseases and their cure and other information related to farming. ₹1275 US\$125



The Complete Technology Book On

Snacks Foods (2nd Rev. Edn.)

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



MODERN TECHNOLOGY OF

MILK PROCESSING & DAIRY PRODUCTS 4th Rev. Ed.

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 varioius dairy products. ₹1475 US\$150



Modern Technology of

FOOd Processing & Agro Based Industries (3rd Rev. Edn.) (Confectionery, Bakery, Breakfast Cereal Food, Dairy Products, Sea Food, ruits & Vegetable Processing) with Project Profiles

The book contains confectionery, bakery, canning and preservation, fruits and vegetable products, Agro based projects with processes, formulae, machinery and raw materials sources etc. ₹1775 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 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 sweetmeat preparation in the form of candies, caramels, chocolates, processed cocoa products and traditional Indian confections. Special emphasis has been made on describing the various process parameters

and equipments used with the help of process diagrams wherever necessary. Apart from these it also contains details of cooking techniques, formulae, processes, the incorporation of flavours and essences, permitted colours used, quality control aspects along with sources of plant, machinery and raw material. ₹600 US\$ 100



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

Livestock and poultry in Indian tropics and subtropics play a critical role in agricultural economy by providing milk, wool, meat, eggs and draft power and manure. They are living banks for farmers and provide flexible reserves during period of economic stress and buffer against

crop failure. Rabbit farming is no doubt very profitable wing to their short generation interval and their rapid prolificacy. The large demand for animal protein and fibre, 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 creams are gaining good popularity among the society

all over the world. The present book contains formulae, processes and other relevant details related to manufacture of Cocoa products, chocolates, ice cream and other milk products. An attempt has been made to bring in to focus the significant aspect of cocoa products, dairy products manufacturing. ₹1275 US\$ 125



Food Packaging Technology Hand Book 2^{nt} 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 3rd Rev. Edn.

A Comprehensive book which deal with Processing, Dehydration, Caning, 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. ₹ 1875 US\$ 150



The Complete Technology Book On Bakery Products Baking Science with Formulation & Production 3rd Rev. Edn.

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



Modern Technology on FOOD PRESERVATION

The people in the world required trillions pounds of food, one mouthful at a time, during the period from one food harvest to the next. All 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

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



Modern Technology of Agro Processing and **Agricultural Waste Products**

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



Food Colours, Flavours and Additives Technology Handbook

The people in earth require about 3.4 billion pounds of food, one mouthful at a time. All of man's food are perishable. They begin to deteriorate shortly after harvest. This also loose the restrictive value of foods. In this twenty first century, mankind has developed a technoloy to retain the original value of food by adding additives, flavours and colours, which also increase 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, sweetners, 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



Handbook on Drying, Milling and Production of **Cereal Foods**

(Wheat, Rice, Corn, Oat, Barley and Sorghum Processing 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 a variety of characteristics which may be assigned



different significance depending on the desired and use or type of products. The present book contains processing of various cereal like wheat, rice, corn, oat, barely and sorghum with latest techniques. ₹1295 US\$125

The Complete Book on Spices & Condiments (With Cultivation, Processing & Uses) (2nd Rev. Edn.)

The great mystery and beauty of spices is their use, blending and ability to change and enhance the character of food. Spices and condiments have a special significance in various ways in human life because of its specific flavours, taste and aroma. Spices ad condiments play an important role in the national economies of several spice producing, importing and exporting countries. India is one of the major spice producing and exporting countries. The present book contains cultivation, processing



and uses of various spices and condiments, which are well known for their multiple uses in every house all over world. ₹2275 US\$200

SYNTHETIC RESINS



The Complete Technology Book on Synthetic Resins With Formulae And Processes

Synthetic Resins are used by lot of Industries. Yet until, little emphasis has been placed on the comparative value or functionality of polymeric material as a class. These resins have been classified in separate categories, usually in terms of their Chemistry, sources or end uses. The

present book contains formulae, processes and other valuable details for various synthetic resins. ₹1150 US\$125



Modern Tecnology of Synthetic Resins & Their Applications The book covers

manufacturing processes formulae of various types of synthetic resins with

their applications, ₹975 US\$100

Synthetic Resins Technology Handbook Resins are polymeric compounds which are

available in nature and are also manufactured by synthetic routes. Some resins are also manufactured by partial modification of natural precursor polymer by chemical. The resins have wide industrial uses like in lacquers, paints, textiles, varnishes, printing inks and cosmetics etc. This book contains formulae,

processes and applications of various resins. ₹1100 US\$125



Vol. 22 No.11 **NOVEMBER 2016**

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Entrepreneurship Management

ASSOCIATE EDITOR P.K. TRIPATHI

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

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ABOUT US

NIIR PROJECT CONSULTANCY SERVICES (NPCS) an ISO 9001: 2008 CERTIFIED COMPANY is one of the leading players in the industry endowed with the expertise, sound technical knowledge and intellectual asset. NPCS is a repository of reliable professional information for the entrepreneurial fraternity of India and has well experienced professionals in market research comprising of consultants, experts, field executives, researchers and analysts from different industries and sectors. We strive to provide a global platform for the entire entrepreneurial ecosystem by providing right project for investment, market survey studies and research through our advanced industrial, business and commercial databases

NPCS offering integrated technical consultancy services. Its various services are: Detailed Project Report, Business Plan for Manufacturing Plant, Industry Trends, Market Research, Manufacturing Process, Machinery, Raw Materials, Cost and Revenue, Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Investment Opportunities, Preparation of Project Profiles / Pre-Investment and Pre-Feasibility Studies, Market Surveys / Studies, Preparation of Techno-Économic Feasibility Reports, Identification and Section of Plant /Process / Equipment, General Guidance, Technical and Commercial Counseling for setting up new industrial

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We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. 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. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success. We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.

超過

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SELECTED PROJECTS FOR YOU

Solar Panel Assembling & ontents Solar Power Inverter On Grid, Off Grid with Solar **Pump Controller**

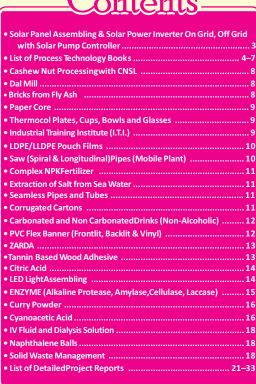
A solar cell, sometimes called a photovoltaic cell, is a device that converts light energy into electrical energy. Solar panels generate free power from the sun by converting sunlight to electricity with no moving parts, zero emissions, and no maintenance. The solar panel, the first component of a electric solar power system, is a collection of individual silicon cells that generate electricity from sunlight.

Multiple solar panels can be wired in parallel to increase current capacity (more power) and wired in series to increase voltage for 24, 48, or even higher voltage systems.

India has a huge potential for solar power generation that can lead to a large-scale deployment of solar energy, if harnessed effectively. Indian Government is adopting constructive steps towards implementing large-scale solar power projects and is poised to position itself as one of the world's major solar producer. Through various incentives schemes, the government is trying to create demand and boost investments in the sector.

India's power sector has a total installed capacity of approximately 1,46,753 Megawatt (MW) of which 54% is coal-based, 25% hydro, 8% is renewable's and the balance is the gas and nuclear-based. Power shortages

Continue on page 7



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in the coming years. Around 293 global and domestic companies have committed to generate 266 GW of solar, wind, mini-hydel

and biomass-based power in India over the next 5-10 years. The initiative would entail an investment of about US\$ 310-350 billion. Thus, due to demand it is a good

project for entrepreneurs to invest.

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Rate of Return : 36% **Break Even Point** : 31%

Cashew Nut Processing with **CNSL**

he cashew is a resilient and fast-growing evergreen tree that can grow to a height of 20 m (60 ft). The cashew nut is a popular dessert nut, eaten out of hand, with other mixed nuts and used in baking and confections. Sixty percent of cashews are consumed as salted nuts. It is also made into cashew butter and nut milk. The nut is high in protein, oil and also vitamins, especially thiamin. The nut makeup is 47% fat, 21% protein, and 22% carbohydrate.

Three main cashew products are traded on the international market: raw nuts, cashew kernels and cashew nut shell liquid (CNSL). A fourth product, the cashew apple is generally processed and consumed locally. The raw cashew nut is the main commercial product of the cashew tree, though yields of the cashew apple are eight to ten times the weight of the raw nuts. Raw nuts are either exported or processed prior to export. Processing of the raw nuts releases the byproduct CNSL that has industrial and medicinal applications. The liquid inside the shell (CNSL) represents 15 percent of the gross weight and has some attractive possible medicinal and industrial uses. CNSL is one of the few natural resins that is highly heat resistant and is used in braking systems and in paint manufacture.

Cashew has gained significant social importance in India as a major foreign exchange earner bringing in foreign exchange of around US\$ 500 million per annum. Cashew kernels are a high value luxury commodity with sales growing at a steady rate of 7% each year and there is every likely hood that the market will continue to remain strong. The Cashew Export Promotion Council of India (CEPCI) works to promote the export of cashew kernels and CNSL.

As a whole it is a good project for new entrepreneurs to invest

COST ESTIMATION

CAPACITY:

Break Even Point

Cashew Nut : 750 MT/Annum Cashew Nut Shell Liquid: 630 MTAnnum Plant & Machinery : ₹ 108 lakhs **Cost of Project** : ₹ 371 lakhs Rate of Return : 27%

Dal Mill

ndia is the still by and large vegetarian in dietary habit and heavily depends upon vegetative source to meet out its daily protein requirement. India is bound to be global leader in terms of production and consumer of pulses. Since, India is leading importer of pulses; production of pulse/legume crops has been stagnant over the years.

They are the main sources of protein. The important dals in the country are Channa, Moong, Urad, Moth, turdal and Masoor, Matar etc. The pulses are used for preparing hot dishes, sweet dishes and other varieties. Pulses are the important sources of proteins, vitamins and minerals and are popularly known as "Poor man's meat" and "rich man's vegetable", contribute significantly to the nutritional security of the country. India is the largest producer (25% of global production), consumer (27% of world consumption) and importer (14%) of pulses in the world.

The dal milling industry in India is one of the major agro processing industries in the country. From an annual production of 13.19 million tonnes of pulse in the country, 75% of these pulses are processed by dal mills. Most of these dal mills are in concentrated parts of India in pulses producing areas such as Indore, Jalgaon, Akola and Nagpur, or in and near by major consumption centres such as Kolkata, Chennai, Mumbai, Hyderabad and Delhi.

There are many agricultural universities; ICAR recognized institutions in the country which have played a large role in developing improved dal mills.

Some of these institutes are PKV Akola, CFTRI-Mysore, CIAE Bhopal and a handful more. These new and improved dal mills have a de-husking efficiency of approximately 95% and the split pulses yield stands at 80-85% which largely depends on the variety of the pulse and the conditioning of the pulse grain.

Thus, due to demand it is a good project for entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

Pigeon peas : 12,000 MT/Annum **Green Gram** 12,000 MT/Annum Chickpeas 12,000 MT/Annum Plant & Machinery : ₹ 1908 lakhs Cost of Project ₹ 3128 lakhs

Rate of Return 28% **Break Even Point** 53%

Bricks from Fly Ash

Ely Ash is a burnt residue of pulverized coal (bituminous or sub-bituminous) and is siliceous in nature. In past few decades, R&D efforts were undertaken and it has been proved that this material can be utilized in number of ways in building construction products as well as in civil works with adequate durability. Major areas of fly ash utilization are Building materials such as Bricks, Blocks, Tiles, etc. Also used in Grouting, Engineered fills for low-lying land spaces for human settlement, use in Road Construction and Construction of ash dykes and embankments.

: 67%

Fly Ash brick is a product of basic cement clinker materials i.e. FIY ASH, STONE DUST/SAND, LIME, GYPSUM and BONDING AGENT. The mix is so ideally worked out to produce bricks of higher strength with consistency as well as uniformity. The manufacturing process is fully automatic with state of art technology. Though a new age product introduced in the market, Fly Ash bricks are very well accepted by the organized sectors in heavy industries, high rise buildings, large townships, colonies, etc. because of unique features and merits.

Fly Ash Bricks provides a high level of moisture resistance. It's very economical, cost effective, nil wastage while transporting and handling. Fly Ash Bricks is available in various sizes. These qualitative bricks have high compressive strength and absorb low water. As a whole it is a good project for entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

· Fly Ash Bricks : 24000 Nos/Day Plant & Machinery : ₹ 40 Lakhs Cost of Project : ₹ 194 Lakhs Rate of Return : 25.86% Break Even Point : 59.27%

Paper Core

Paper cores are strong cardboard tubes or cylinders which are used in fabric, adhesive, electrical, paper product and converting industries as a sturdy base around which to wind materials for storage or distribution. Depending on the intended use of the tubes, paper cores can be made from heavy-duty thick cardboard for industries such as fabric and electrical, whereas for toilet paper or paper towels, the cores can be made from thinner, less durable cardboard or paper.

Made from wood pulp fiber, paper cores can be combined with a variety of adhesives and laminates which give the core properties such as strength, water resistance or heat resistance. Made for a wide range of applications, paper cores come in virtually limitless combinations of diameter, thickness and length. Cores are manufactured to provide stable structure from the inside of a product roll.

Paper core market depends on packaging industry. It is used in many industries for winding an rewinding the product, such as aluminium foil packaging, polyester film, kraft paper, duplex paper, textiles and many more.

Aluminium foil industry is forecast to reach 8.7% p.a. in the coming years. The cotton yarn and other yarns market is estimated to be valued at USD 10.27 billion in 2015. It is projected to grow at a CAGR of 4.2% from 2015 to 2020. So paper core demand directly depends upon the demand of above listed products. As their market value is increasing paper core value is increasing with the same pace. Thus, as an entrepreneur this project offers an exciting opportunity to you.

COST ESTIMATION

CAPACITY:

Paper Core : 2160000 Mtrs/Annum

Plant & Machinery : ₹ 51 lakhs
Cost of Project : ₹ 231 lakhs

Rate of Return : 29% Break Even Point : 52%

Thermocol Plates, Cups, Bowls and Glasses

Thermocol has a particular characteristic: it gives the hand a sensation of velvety softness not experienced in contact with traditional types of plastic. Until recently Thermocol has been employed almost exclusively in the packing and thermoacoustic isolation sectors; utilizing new processes and sophisticated equipment has been possible to create containers for foods with a perfect retention of liquids.

The disposable plastic cups, glass, plates and bowls are manufactured by thermoforming technique. They are fast replacing conventional cups, glass, plates and bowls. Ice-cream and other dairy products are packed in disposable cups. Besides Ice-cream industry, hotels, restaurants, canteens etc. have been increasingly using disposable items as against conventional glass-wares or ceramic cups, glass, plates and bowls.

Thermocol plates, glass, bowls and cups making business is one kind of business which can never go out of date. As long as people celebrates various occasions thermocol plates, glass, bowls and cups business can never comes down. Demand for foodservice disposables in the market is projected to increase 3.9 percent per year to \$21.9 billion in 2019. Packaging will remain the most common product segment and will outpace service ware, napkins and other foodservice disposables. Retail and vending will be the fastest growing market, while eating and drinking places will remain dominant.

As a whole it is a good project for new entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

Break Even Point

(I.T.I.)

Thermocol Cups : 30,000 Th.Pcs/Annum
Thermocol Glasses : 30,000 Th.Pcs/Annum
Thermocol Plates : 100000 Th.Pcs/Annum

Thermocol bowls : 100000 Th.Pcs/Annum
Plant & Machinery : ₹ 461 lakhs
Cost of Project : ₹ 717 lakhs
Rate of Return : 26%

Industrial Training Institute

51%

ndia has one of the largest technical manpower in the world. However, compared to its population it is not significant and there is a tremendous scope of improvement in this area. In India, the emphasis has

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been on general education, with vocational education at the receiving end. This has resulted in large number of educated people remaining unemployed. This phenomenon has now been recognized by the planners and hence there is a greater thrust on vocationalization of education.

Countries with higher and better levels of knowledge and skills respond more effectively and promptly to challenges and opportunities of globalization. India is in transition to a knowledge based economy and its competitive edge will be determined by the abilities of its people to create, share and use knowledge more effectively. This transition will require India to develop workers into knowledge workers who will be more flexible, analytical, and adaptable and multi skilled. In the new knowledge economy the skill sets will include professional, managerial, operational, behavioural, inter personal and inter functional skills.

To achieve this goals, India needs flexible education and training system that will provide the foundation for learning, secondary and tertiary education and to develop required competencies as means of achieving lifelong learning. As a whole it is a good project for new entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

Total number of students: 3600 students/annum

(each trade 120 students)

16 Trade 1 year duration 14 Trade 2 year duration

Plant & Machinery :₹ 314.25 lakhs

Cost of Project :₹ 2476 lakhs

Rate of Return : 27% **Break Even Point** : 45%

LDPE/LLDPE Pouch Films

t has been observed that in the domestic and international market, more particularly for developing countries such water pouches do not have any protection from direct sunlight exposure. Therefore, such water pouches produces offensive odour in the water within one or two days.

Linear low-density polyethylene (LLDPE) is a substantially linear polymer (polyethylene), with significant numbers of short branches, commonly made by copolymerizaztion of ethylene with longer-chain olefins. LLDPE has penetrated almost all traditional markets for polyethylene; it is used for plastic bags and sheets (where it allows using lower thickness than comparable LDPE), plastic wrap, stretch wrap, pouches, toys, covers, lids, pipes, buckets and containers, covering of cables, geo membranes and mainly flexible tubing.

The packaging industry is estimated at ₹ 150 bn and is growing at 14-15% annually. This growth, according to industry watchers, is expected to double in the next two years. It is estimated that more than 80% of packaging in India constitutes rigid packaging, the rest being flexible.

COST ESTIMATION

CAPACITY:

LDPE/LLDPE Pouch Films : 1.2 MT/Dav Plant &Machinery : ₹ 30 Lakhs **Cost of Project** ₹ 253.66 Lakhs Rate of Return : 24.32% **Break Even Point** : 41.09%

Saw (Spiral & Longitudinal) **Pipes (Mobile Plant)**

SAW pipes are pipes formed by conversion on Hot Rolled Coils and are subsequently welded internally and externally to form HSAW pipes. SAW process basically consists of an arc submerged in Flux used to weld the pipe. The flux is used to isolate the arc from the atmosphere. SAW pipes are manufactured by welding the edges of steel plates or by spiral welding of hot rolled coil (HR coil). The Saw Pipes manufactured from plates are called Longitudinal Submerged Arc Welded (LSAW) and are mainly used for transporting oil and gas (onshore/offshore). While, Helical Submerged Arc Welded (HSAW) pipes are made from HR coil, where the coil is welded spirally to give a shape of pipe and are mainly used for transporting oil and gas (onshore) and water transport. Apart from these, both the category of pipes can be used for structural applications also. Seamless pipes and tubes are used in both oil and non-

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oil sectors in a wide range of applications as line pipes, casing pipes, production tubings, drill pipes and the like. In the oil sector, API (American Petroleum Institute) standard pipes are preferred for line pipes and casing pipes. Oil sector absorbs nearly 60% of seamless pipes, while some 30% are consumed by bearings and boiler manufacturers. Any entrepreneur venture into this field will be successful.

COST ESTIMATION

CAPACITY:

SAW (Spiral & Longitudinal) Pipes: 166.7 MT/Day

Plant &Machinery : ₹ 1942 Lakhs Cost of Project ₹ 3201 Lakhs Rate of Return 27% **Break Even Point** 45%

Complex NPK Fertilizer

The physical condition of a soil is one of the fundamental factors affecting crop growth, development and yield. This is because the soil physical properties have very high degree of correlation with crop production and have high influence on soil fertility and crop performance.

NPK mixture fertilizers are formulated & recommended by agricultural scientists to enhance the output of the crops by giving it specific and exclusive blend of plant nutrients like balanced diet for human being. All the major plant nutrients like Nitrogen, Phosphorus and Potash are mixed in different ratios to make it suitable for specific crops. Therefore, it is a good project for entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

Complex NPK Fertilizer 17:17:17 Grade: 600 MT/Day

: ₹ 2745 Lakhs Plant & Machinery Cost of Project ₹ 6946 Lakhs Rate of Return 26% 65.63% **Break Even Point**

Extraction of Salt from Sea Water

Salt is an essential ingredient for the survival of all living creatures, including humans. Salt is needed in regulating the fluid balance or water content of body. Salt cravings may occur as a result of trace mineral deficiencies or due to the deficiency of sodium chloride itself. Salt is important for life, but its overconsumption can cause health problems, such as high blood pressure, in those individuals who are genetically predisposed to hypertension. Main source of salt is rocks and sea. Maximum consumption of salt is in its natural form after being produced from sea or directly from rock.

Salt, also known as sodium chloride, comprises the elements sodium and chlorine. Sodium is a silver-colored metal that is so unstable that it reacts violently in the presence of water, and chlorine is a greenish-colored gas that is dangerous and may be lethal. Yet the combination of these two elements forms sodium chloride that is a white-colored compound essential to life itself. Virtually every person in the world has some direct or indirect contact with salt daily. People routinely add salt to their

food as a flavor enhancer or apply rock salt to walkways to remove ice in the winter. Salt is used as feedstock for chlorine and caustic soda manufacture. These two inorganic chemicals are used to make many consumerrelated end-use products, such as polyvinyl chloride (PVC), a plastic made from chlorine and paper-pulping chemicals manufactured from sodium hydroxide (caustic soda).

lodizing salt for human consumption is a modern trend. Iodine is used in the body for formation of thyroxin an essential hormone. Salt is used as a medium in supply iodine to the body. Iodization of common salts has been recognized all over the world to meet the deficiency of iodine to eradicate goiter.

COST ESTIMATION

CAPACITY:

lodized Salt 100 MT/ day **Industrial Salt** 100 MT/ day Plant & Machinery ₹ 1156 Lakhs **Cost of Project** ₹ 2776 Lakhs Rate of Return 29% **Break Even Point** 40.75%

Seamless Pipes and Tubes

he greatest advantage of seamless steel pipes is their increased ability to withstand pressure. The weakest point in a welded steel pipe is the welded seam. But because a seamless steel pipe has not been welded, it doesn't have that seam, making it equally strong around the entire circumference of the pipe.

Stainless steel pipes are used in petrochemicals, fertilizers, dairy industries power stations and nuclear plants. Other corrosion resistant applications as of food processing industry are also significant users. These pipes are used extensively by Nuclear Fuel Corporation. As a whole it is a good project for entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

· Seamless M.S. Pipe : 50 MT/Day : ₹ 636 Lakhs **Plant & Machinery Cost of Project** : ₹ 2695 Lakhs Rate of Return : 27.98% **Break Even Point** : 39.79%

Corrugated Cartons

Packing, in a way represents the extent of industrialization of a country. Packaging has been assuming importance in the context of growth of industries in general and consumer industries in particular. Paper is one of the most important materials that enter packaging. Paper is extensively used for making boxes, bags, sealing tapes, drums and tubes and as cushioning materials.

The materials now available for packaging are paper and paper products, metal containers and foils, glass, plastics-rigid and flexible, cellulose films, textiles including jute, woven plastics and wood. Among the packaging materials, paper and paper based products continue to occupy a predominant place. Paper based materials used for packaging include bleached and unbleached Kraft, corrugated and solid fiber boards, and

a large variety of converted items like wax coated, plastic coated, bitumen coated etc. Corrugated and solid fiberboard boxes have replaced the conventional wooden boxes as transport containers because of their lightweight and satisfactory strength.

Corrugated boxes form an integral part of the packaging industry. These are found everywhere helping people shift both domestic as well as industrial items safely from one place to the other.

With increasing levels of organized retail and marketing of consumer goods in India, the packaging industry is shifting towards higher end packaging materials. As a consequence, demand of high end coated paper boards is experiencing significant growth despite. constraint of having single supplier in the country.

COST ESTIMATION

CAPACITY:

· Corrugated Cartons 10000 Nos/Day

Plant & Machinery : ₹ 46 Lakhs **Cost of Project** : ₹ 171 Lakhs Rate of Return : 25.38% **Break Even Point** : 60.35%

Carbonated and Non **Carbonated Drinks** (Non-Alcoholic)

carbonated drink is a drink that bubbles and Afizzes with carbon dioxide gas. The process by which the gas dissolves in the drink is known as carbonation. This process can occur naturally, such as in naturally carbonated mineral water that absorbs carbon dioxide from the ground, or by man-made processes, as is the case in most soft drinks and soda waters. This involves pumping carbon dioxide into the drink at high pressure, then sealing the container. Since the solubility of carbon dioxide is less at lower pressure, the dissolved gas escapes as bubbles when the container is opened and the pressure is relieved.

The maximum amount of carbon dioxide that can be dissolved in water is 8 g per litre. The excess will normally only remain in water when the drink is under pressure. Once the pressure is released - i.e. when the container is exposed to normal atmospheric pressure - the carbon dioxide will begin to escape. So once a bottle or can of a carbonated drink is opened, the beverage will start to go flat

Fruit Juice is the liquid extracted from fruit by pressing or macerating the flesh. Probably the most recognizable is orange juice, a breakfast table staple, which is extracted from oranges. Other popular juices include apple, pineapple and grape.

Most countries have a definition of purity to entitle the drink to be classified as a "fruit juice." Within the EU,

name of a fruit or fruits used in conjunction with juice is only legally permitted to describe a product that is 100% fruit juice.

Juices are widely available. Some may have been freeze- or spray-dried before being reconstituted; less commonly nowadays they may have been canned. However, fresh juices are increasingly common.

Sports drinks are specifically designed to help people rehydrate after exercise. They are typically used by athletes and those taking part in sport and work by replenishing electrolytes, carbohydrates and other nutrients that can become depleted after exercise.

COST ESTIMATION

CAPACITY:

· Carbonated Drinks : 25000 Bottles/Day

· Non Carbonated Drinks: 25000 Bottles/Day Plant & Machinery : ₹ 249 Lakhs Cost of Project : ₹ 1162 Lakhs

: 27% Rate of Return **Break Even Point** . 48%

PVC Flex Banner (Frontlit, Backlit & Vinyl)

PVC flex is made out of PVC and fabric raw material, specially designed for solvent printing industry. It is suitable for indoor and outdoor printing used in billboard, display, banners and exhibition booth decoration.

PVC Flex is best to all Digital printer specially designed for Indian market. Due to stable chemical character and excellent ink absorbency, PVC Flex will bring wonderful digital printing images for large format picture advertisements. In virtue of the high classic quality and best sales service, nowadays PVC Flex is playing an important role in signage & Banner Advertising industry.

Flex is a sheet of polythene widely used to deliver high quality digital print for outdoor hoardings and banner, mainly printed by large color plotters in CMYK

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mode. These prints are efficient, Low-cost and durable substitutes of hand painted hoarding and hand written banner.

Laminated Backlit flex products are widely used for indoor and outdoor advertisement. Its surface has fine ink absorption which is compatible for all solvent-based printers such as Vutek, Nur, Scitex, etc. With special treatment, the products have a good property of antimicrobial and anti-aging. Backlit flex is a good translucent media material design for backlit displays which perform a high printing quality while printing a single strike image. Its certain finishing treatment makes ideal performance.

This market is booming with 25-30% annual growth and is worth around Rs 500-600 crore. PVC is the third-most-used plastic or polymer petrochemical, after polyethylene and polypropylene. Depending on the manufacturing process or polymerisation, there are two types of PVC. Suspension is plain or rigid PVC, used for construction works, while emulsion or paste PVC is used in coating and blending applications. PVC flex is an end-product, used in tarpaulins, canvas and printing. Thus, due to demand it is a good project for entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

·PVC Flex Banner

(Frontlit/Backlit) 440 g/m2 : 20 MT/Day
·PVC Flex Banner Vinyl 440 g/m2 : 5 MT/Day
Plant & Machinery : ₹ 550 Lakhs
Cost of Project : ₹ 1196 Lakhs
Rate of Return : 27%
Break Even Point : 50.14%

ZARDA

Zarda is a mixture of tobacco, lime, spices, and coccasionally, silver flakes is also added to pan and chewed. The tobacco industry is one of the most profitable industries in the world. Tobacco companies

use their enormous wealth and influence both locally and globally to market their deadly products. Even as advocacy groups and policy makers work to combat the tobacco industry's influence, new and manipulative tactics are used by tobacco companies and their allies to circumvent tobacco control efforts. It is important for tobacco control advocates to know which companies are present in their country, how and where they operate, the types and quantity of products sold, and marketing tactics used to sell tobacco products. By being informed about all aspects of the tobacco industry within a country, advocates are better equipped to fight for effective tobacco control policies.

Smokeless tobacco is consumed without burning the product, and can be used orally or nasally. Oral smokeless tobacco products are placed in the mouth, cheek or lip and sucked (dipped) or chewed. Tobacco pastes or powders are used in a similar manner and applied to the gums or teeth. Fine tobacco mixtures are usually inhaled and absorbed in the nasal passages. As a whole it is a good project for entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

Zarda 25 gms & 50 gms

Size Pack : 500 Kgs/Day
Plant & Machinery : ₹ 17 Lakhs
Cost of Project : ₹ 198 Lakhs
Rate of Return : 31%
Break Even Point : 54.20%

Tannin Based Wood Adhesive

Tannin is an excellent renewable resource for replacing petroleum-derived phenolic compounds. The major wood species from which it can be obtained are mimosa, quebracho and radiata pine. It is mainly concentrated in the inner layer of the bark and has been utilized in the adhesives industry in Africa, South America and Oceania. In particular, tannin-based

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wood adhesives have been used industrially for quite a long time in several countries for the manufacture of exterior wood panels. There are two different types of tannin: wattle tannin composed of resorcinol A-rings and pine tannin composed of phloroglucinol A-rings with catechol or pyrogallol B-rings. The free C6 or C8 sites on the A-ring react with formaldehyde, due to their strong nucleophilicity, to form the adhesive. The phenolic nuclei in tannins also react with formaldehyde. This high reactivity of tannins towards formaldehyde is the result of their A-ring phloroglucinolic or resorcinolic nuclei, which haved 10- to 50-times higher rate of reaction than the reaction of phenol with formaldehyde. Because of this characteristic, less free formaldehyde emission occurs than from other wood adhesives such as phenolformaldehyde, urea-formaldehyde, etc.

Tannins are an important ingredient in the process of tanning leather. Tanbark from oak, mimosa, chestnut and quebracho tree has traditionally been the primary source of tannery tannin, though inorganic tanning agents are also in use today and account for 90% of the world's leather production. Therefore, it is a good project for entrepreneurs to invest.

COST ESTIMATION

CAPACITY: ·Tannin Based Wood Plant & Machinery

: 8 MT/Day : ₹ 72 Lakhs : ₹ 517 Lakhs

Cost of Project Rate of Return **Break Even Point**

: 27.77% : 46.58%

Citric Acid

itric acid is described as "nature's acidulant", occurring in a wide variety of plants, citrus fruits, animal tissues, micro-organisms and fluids, holding an important role in metabolism. Citric acid is in great demand as acidifying agent with great solubility nature that hardly could be substituted. It is widely used to impart tartness, pH adjustment, sourness, and also for enhancing flavors. Citric acid is widely used in food and beverage industry. Apart from this it also used in pharmaceutical products, personal care, cleaners & detergent and others. Moreover, citric acid is used for food safety and preservation, preparation of ready-tomade processed beverages and food products. In pharmaceutical industry citric acid is used as stabilizing & flavoring agent and in medical products such as soluble aspirin, antacid and also in dentifrices. Also, it is used in shampoos and conditioners, toiletries and detergents considering the personal care market.

The main consumer is the food industry, where citric acid is particularly used as an acidifying agent, pH buffer and, in combination with other compounds, as a preservation agent. In the detergent industry it is the sequestration characteristics of citric acid and its biodegradability which make it an ideal substitute for phosphate. Because of the growing worldwide significance of environmental concern and the consequences of this for the composition of domestic and industrial chemicals, it can be assumed that there will be a disproportionate growth in this range of applications over the next few years. Any entrepreneur venture into this field will be successful.

COST ESTIMATION

CAPACITY: Citric Acid

100 MT/Dav ₹ 14950 Lakhs

Plant & Machinery **Cost of Project** ₹ 18350 Lakhs **Rate of Return** 12.04% **Break Even Point** 44.33%

LED Light Assembling

light emitting diode (LED) is a device which converts electrical energy in to light. LEDs are preferred light sources for short distance (local area) optical fiber network because they are inexpensive, robust and have long life (the long life of an LED is primarily due to its being a cold device, i.e. its operating temperature being much lower than that of, say, an incandescent lamp), can be modulated (i.e. switched on and off) at high speeds.

A light-emitting diode (LED) is a two-lead semiconductor light source. It is a p-n junction diode, which emits light when activated. When a suitable voltage is applied to the leads, electrons are able to recombine with electron holes within the device, releasing energy in the form of photons. This effect is called electro-

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luminescence, and the color of the light (corresponding to the energy of the photon) is determined by the energy band gap of the semiconductor.

LEDs primarily offer advances in efficiency, controllability, and life span. The key strength of LED lighting is reduced power consumption. LED's are available with at the most Lumen efficiency of 110 Lm/ Watt compared to 65-80 Lm/Watt of CFL and FTL, 45 Lm/ Watt of Mercury vapour and 75 Lm/Watt of metal halide or 94 Lm/Watt of Sodium Vapour.

LED tube light could replace for traditional fluorescent tubes in the following places like hotels, hospitals, factories/offices, commercial complexes conference/ meeting rooms, schools/colleges/universities, residential/institution buildings. Thus, due to demand it is a good project for entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

LED Bulbs (2.5, 5, 7 & 9 Watt Size): 400 Nos/Day

· LED Tubes (20 Watt Size) : 40 Nos/Day : ₹ 8 Lakhs Plant & Machinery **Cost of Project** : ₹ 24 Lakhs : 26.30 % **Rate of Return Break Even Point** : 82%

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nzymes are macromolecular biological catalysts. Enzymes accelerate, or catalyze, chemical reactions. The molecules at the beginning of the process are called substrates and the enzyme converts these into different molecules, called products. Almost all meta-

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bolic processes in the cell need enzymes in order to occur at rates fast enough to sustain life. The set of enzymes made in a cell determines which metabolic pathways occur in that cell. Enzymes are known to catalyze more than 5,000 biochemical reaction types. Most enzymes are proteins, although a few are catalytic RNA molecules. Enzymes' specificity comes from their unique threedimensional structures.

Like all catalysts, enzymes increase the rate of a reaction by lowering its activation energy. Some enzymes can make their conversion of substrate to product occur many millions of times faster.

Some enzymes are used commercially, for example, in the synthesis of antibiotics. Some household products use enzymes to speed up chemical reactions: enzymes in biological washing powders break down protein, starch or fat stains on clothes, and enzymes in meat tenderizer break down proteins into smaller molecules, making the meat easier to chew. Enzymes are generally globular proteins, acting alone or in larger complexes. Like all proteins, enzymes are linear chains of amino acids that fold to produce a three-dimensional structure. The sequence of the amino acids specifies the structure which in turn determines the catalytic activity of the enzyme. Although structure determines function, a novel enzyme's activity cannot yet be predicted from its structure alone.

Enzymes are used in the chemical industry and other industrial applications when extremely specific catalysts are required. Enzymes in general are limited in the number of reactions they have evolved to catalyze and also by their lack of stability in organic solvents and at

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high temperatures. Thus, due to demand it is a good project for entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

· Alkaline Protease 1MT/Day Amylase 1MT/Day · Cellulase 1MT/Dav · Laccase 1MT/Day Plant & Machinery ₹ 5693 Lakhs **Cost of Project** ₹ 14825 Lakhs

Rate of Return 27% **Break Even Point** 56.32%

Curry Powder

Curry powder is a blend of many spices, and comes in almost infinite varieties. Each curry powder can have different component spices, in differing amounts-making each curry blend unique. Curry Powder is one of a number of mixtures of spices used in Indian cooking and (unsurprisingly) is specifically used for curry dishes. Others spice mixtures are Garam Masala, Rasam powder and Sambar powder. These all have their own uses and, although they may look similar, they should not be confused with each other.

Curry powder is made up of numerous ingredients, and depending on the region of the world, they can change slightly, which can also alter the specific health benefits that may be derived from the powder. The most common and advantageous ingredients of curry powder are turmeric, coriander, cardamom, cumin, sweet basil, and red pepper. Some other ingredients that are occasionally added, depending on the specific recipe, are fennel seeds, ginger, garlic, cinnamon, or mustard seeds, all of which have individual health benefits. We will focus on the benefits from the most traditional form of curry powder.

Properties of each curry powder vary according to the contents. Because of its powdered nature it continuously gives out its flavor and essential oil and so its properties will decrease gradually. We can avoid it to an extent by a careful air tight packing. Therefore the manufacturer should give a keen interest during its packing and also the distribution soon after the manufacturing. Any entrepreneur venture into this field will be successful.

COST ESTIMATION

CAPACITY:

· Curry Powder 400 Kgs/Day · Garam Masala 400 Kgs/Day · Sambhar Masala 400 Kgs/Day 400 Kgs/Day · Biryani Masala · Chicken Fry Masala 400 Kgs/Day Plant & Machinery ₹ 64 Lakhs **Cost of Project** ₹ 326 Lakhs Rate of Return 28.29% **Break Even Point** 52.53%

Cyanoacetic Acid

yanoacetic acid is an organic compound. It is a white, hygroscopic solid. The compound contains two functional groups, a nitrile and a carboxylic acid. It is a precursor to cyanoacrylates, components of adhesives.

The largest scale reaction is its esterification to give ethyl cyanoacrylate. Cyanoacetic acid is a versatile intermediate in the preparation of chemicals, it is a precursor to synthetic caffeine via the intermediacy of theophylline. It is a building block for many drugs, including dextromethorphan, amiloride, sulfadimethoxine, and allopurinol.

Synthesis of cyanoacetic acid by carbon dioxide and electrogenerated acetonitrile anion in undivided cells equipped with sacrificial anodes: The electrochemical synthesis of cyanoacetic acid was performed by cathodic reduction of tetra alkyl ammonium salts (R4NX) in acetonitrile in undivided cells equipped with sacrificial anodes with concomitant or subsequent addition of carbon dioxide. These syntheses avoid the use of dangerous reagents, yield cyanoacetic acid in moderate faradic yields and confirm that the cathodic reduction of tetra alkyl ammonium salts in the presence of acetonitrile leads to the formation of the anion CNCH_a-.

Continue on page 18

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The Complete Book on Water Soluble ₹ 1575/- US\$ 150

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





Handbook on Dyes and Dye **Intermediates** ₹ 1575/- US\$ 150



The Complete **Book on Textile Processing and Silk Reeling** Technology ₹ 1750/-

US\$ 150



Woollen pinning. Weaving, Knitting, Dyeing, Bleaching and Printing Technology Handbook ₹1100/- US\$ 125



A Concise Guide on Textile Dyes, Pigments vith Textile Printing ₹1675/- US\$ 150

RUBBER CHEMICALS



The Complete **Book on Rubber** ₹ 1575/- US\$ 150

BOOKS ON PULP, PAPEAR CONVERSION, PRINTING AND PACKAGING



PRINTING TECHNOLOGY

(Offset, Gravure, Flexo, Screen)

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



The Complete Book on **Printing Technology**

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

lodern Technology of Pulp, Paper and Paper **Conversion Industries**

ve tried to make it most exhaustive first giving details, then present apter to understand better. Thus we have tried to fill the vacuum that



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

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



Handbook on

Modern Packaging Industries

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



Screen Printing Technology Hand Book

This method of Printing has achieved wide spread popularity since the second world war, although the basic idea 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. 4:1000 US\$100.

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



The Complete Technology Book on Textile Spinning, Weaving, Finishing & Printing (2nd Rev. Edn.)

The Book is based on the latest technology involved in textile industry. It contains processes of textile spinning, weaving, finishing and printing. Rs.1675 US\$150



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



Handbook on NATURAL DYES for INDUSTRIAL APPLICATIONS

(Extraction of Dyestuff from Flowers, Leaves, Vegetables)

2nd Rev.Edn.

19 common flowers, weeds, bark of leaves and its application or dyesulfs from wood fabrics for textile industry. The book describes the step wise methodology of extraction, and dyeing with photos of the actual plants part used for extraction of Natural dye. Shade cards have been incorporated sh that the full example direct in the control of the cont This is a single book which has information related to extraction of dyestuffs from mordaming and oyeng win priors at one actual plants part used for extraction or National value. Shade cards have been incorporated so that the full gamut of colors can be visualized from each dyesturf. 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. 7:157 US\$150



This is one of the best books on Textile Dyes and Pigments covering Formulae, Manufacturing Processes of various Textile Dyes and Pigments.

This book will be very helpful to new entrepreneurs, researchers, general information seekers and libraries or those who wants to diversify in this field 71



Starch is a group of poly saccharides, composed of glucopyranose units joined together by glucosidric linkages. Industrially,

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



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

Due to increasing growth of Textile Industries, demand of Dyes and Dye Intermediates are also increasing very fast in domestic as well as in global market. The book stress on syntheses of different types of

Dyes and Dye Intermediates. The formulae and 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 without St25

BOOKS ON SOAPS, DETERGENTS AND COSMETICS

Modern Technology of Soap, Detergents & Toiletries ae & Project Profiles) (4th Rev. Edn.)



The book contains the formulae of different types of soaps, detergents (cake, powder and liquid) toiletries, analytical testing method, quality control of finished products, packing criteria of cosmetic and toiletries along with project profiles and addresses of r plant and machinery suppliers. ₹1275 US\$150



The Complete Technology Book on DETERGENTS (2nd Rev. Edn.)

The Indian detergent industry is about three decades old. An interesting and unique feature decades out. At misressing alou outgue resulted 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 emphases practical aspects of detergent production with latest development and other personal production on without predictable. This

and other special products based on synthetic surfactants. This book is an attempt to fill the need of those desirous of starting detergent industry in small scale sector. **₹1100 US\$100**



PS, DETERGENT AND NFECTANTS TECHNOLOGY



The Complete Technology Book on

Soaps (2nd Revised Edition)



Modern Technology of COSMETICS

The manufacture of Cosmetics is by no means new methods adopted were used several decades ago. The attempt made in this book is to improve the older methods and provide the latest formulae and techniques to manufacture the different cosmetics like Hair Preparations, Face Powders, Toilet Powders, Cosmetics for the Skin, Creams, Lotions for various uses, Lipistics, Shampoos Dandruff Tonics, Nail Polishes 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 esses of various wooden products



LEATHER PROCESSING AND

The profitability of leather processing is dependen on a good product and requires the consistent implementation of well understood process. This book covers latest techniques of leather processing and training, 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, ikes use of new materials, techniques and concepts. ₹1400 US\$150



The Complete Book on

Glass And Ceramics Technology me technology of glass ceramics are now a da 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

materials. The efforts have been made to provide maximum and latest information about processing of glass and ceramics and the products in this book. Rs1275 US\$125

As a whole it is a good project for entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

2.4 MT/Day Cyanoacetic Acid Plant & Machinery ₹ 58 Lakhs Cost of Project ₹ 268 Lakhs Rate of Return 27.49% **Break Even Point** 48.41%

IV Fluid and Dialysis Solution

ntravenous therapy IV therapy is the infusion of liquid substances directly into a vein. Intravenous simply means "within vein". Therapies administered intravenously are often called specialty pharmaceuticals.

Compared with other routes of administration, the intravenous route is the fastest way to deliver fluids and medications throughout the body. The bioavailability of the medication is 100% in IV therapy.

The majority of an IV solution is sterile water. Chemically, water is referred to as a "solvent." A solvent is a substance that dissolves other materials called "solutes." Within IV solutions, the solutes can be molecules called electrolytes (charged particles such as sodium, potassium, and chloride) and/or other larger compounds such as proteins or molecules.

Patient needs IV fluid therapy for maintenance (to supply daily needs), replacement (to replace deficit and on-going losses) and resuscitation (to correct an intravascular or extracellular deficit). Therefore, it is a good project for entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

: 8,000 Bottles/Day · IV Fluid NS5 (500ml Size) IV Fluid DNS (500ml Size) : 8,000 Bottles/Day

IV Fluid RL (500 ml Size) :8,000 Bottles/Day IV Fluid D5 (500 ml Size) : 8,000 Bottles/Day

· IV Fluid D10 (500ml Size) : 4,000 Bottles/Day · Dialysis Solution (1000 ml Size): 2,000 Bottles/Day

Plant & Machinery :₹ 315 Lakhs **Cost of Project** :₹ 1151 Lakhs

Rate of Return :28.64% **Break Even Point** :43.11%

Naphthalene Balls

aphthalene is the single most abundant component of coal tar. Although the composition of coal tar varies with the coal from which it is produced, typically coal tar is about 10% naphthalene by weight. Naphthalene balls or moth balls are widely used as an effective household preservative of woollen clothes and as a deodorant tablet for improving the cleanliness of toilets. Naphthalene balls work as toilet air fresheners, to control odors from toilets; as well as protects and preserves woollen clothes without any damage from moths or moth larvae.

Naphthalene C₁₀H₈, sometimes called 'TARCAM-PHOR' is a colourless crystalline flaked solid with the familiar odour of moth balls. Naphthalene C10H8 is an aromatic hydrocarbon with two condensed ring aromatic compounds.

A good commercial grade of naphthalene (called 78° Naphthalene, referring to the melting point) is approximately 96% pure. Refined naphthalene is available in flakes, pellets, and balls. Use of Naphthalene as an insect repellent has dwindled in recent years as other materials, e.g. p-dichlorobenzene, have displaced it. As a whole it is a good project for entrepreneurs to invest.

COST ESTIMATION

CAPACITY:

· Naphthalene Balls 5,000 Kgs/Day Plant & Machinery ₹ 16 Lakhs **Cost of Project** ₹ 234 Lakhs 26.68% Rate of Return **Break Even Point**

Solid Waste Management

ue to rapid increase in the production and consumption processes, societies generate as well as reject solid materials regularly from various sectors - agricultural, commercial, domestic, industrial and institutional. The considerable volume of wastes thus generated and rejected is called solid wastes. In other words, solid wastes are the wastes arising from human and animal activities that are normally solid and are discarded as useless or unwanted. This inevitably places an enormous strain on natural resources and

Continue on page 34

PAINTS, VARNISHES, LACOUERS & 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



₹ 1675/- US\$ 150



Handbook on Drugs from Natural Sources ₹ 1175/- US\$ 125

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



Technology Book ₹ 1675/- US\$ 150

The Complete



The Complete **Book on Water Soluble Gums and** Resins ₹ **1675/- USS 150**

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



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

The uniqueness of this book is that it furnishes in a lucid manner various steps, incentives and facilities relating to export business. Essential factors for successful exporting, preliminaries for stating

essential factors for successive exporting, preliminaries for stating export business, registration for exporters, sending samples, procurement of license, processing of export orders, appointment of overseas agent etc, ensure good beginning for the new entrants in the export business and many more. ISBN : 978-93-81039-04-5 Price : *525 US\$75



Fashion Technology Hand Book

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

designing. ISBN : 8178330970 Price : ₹325 US\$50



Just for Starters How to Become a Successful Businessman $3^{\rm rd}$ Rev. Ed.

The book contains introduction, steps in setting up an SSI, Registration/ License for SSI, Resourcing, Technical Know-How, Foreign Collaboration, Marketing, Lessons from experience, policies and programmes for rural development, Prime Minister Rozgar Yozna, Rural Woman Entrepreneurship in India. Bright

prospects, Industrial Innovation by small and medium Sized Enterprises, Indian Small Industry, Organisation, Supporting Entrepreneurship, development in India, directory Section etc. ISBN:978-93-81039-03-8 Price: Rs.475



Stop Dreaming-Start Your New Business

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



What No one Ever Tells You about starting Your

Business-Facilities and Procedures For Entrepreneurs The Government had announced series of steps to promote industrial development by way of rationalization of the policies to encourage the new entrepreneurs as well as existing units. This book is a unique guideline for those who are looking for

starting a new business and wants to start some industry with help of different concerned departments. It also covers the export guidelines. We are confident that this book will prove to the important guidelines for new entrepreneurs. ISBN:8178330474 Price:₹400 US\$50



Just for Starters :

Selected Projects to Start with 15,00,000

The first and paramount problem faced by an entrepreneur is "WHAT TO PRODUCE"? Academic qualification are not prerequisites for setting up a successful industry. It is necessary for the entrepreneur to have qualities like ability to plan, Maintain good public relation, Reasonable risk taking capacity and of course have adequate financial resources. The first step towards

setting up an industry is the identification of product and feasible product line after a thorough study of the market for the product, its demand and supply position, People's changing altitudes, Competition in the line, Method of distribution etc. This book is meant to help new entrepreneurs in product identification along with market survey studies, cost estimation, profitability calculation and various other aspect. Although guidance is available from the various promotional agencies, Consultants etc., the initiative and zeal for setting up of industrial venture must come the entrepreneur himself. ISBN: 8178330237 Price: ₹475 US\$50



Just For Starters :

Selected Projects to Start with 30,00,000

The small scale enterprise sector is a dynamic vibrant segment of the Indian Economy. By APRIL-2000 this sector accounted for 40% of the industrial production, 35% of the total exports and provides employment to over 17 million through over 3 million small enterprises across the country. These small Enterprises manufactures a wide range of more than 7500 products, ranging from inexpensive consumer goods and services to technically advanced

products, meeting requirements of sophisticated industries and consumed in India and abroad. This sector is the nursery for the development of entrepreneurial talent and has grown into an important component of the production chain. As this sector moves ahead our Government id proactively assisting in three major thrust areas "Technology, Marketing and Credit," and Government has set up an elaborate support for promotion of small, cottage and informal industries. This book give an insight to the products to start with in order to become a part of this growing section of industries with their plant machinery, Raw material requirements as well as market and manufacturing details. ISBN: e176330229 Price: 4745 US\$50



The Complete Technology Book on Candle Making Designs

Candle making is a very flourishing industry in modern times owing to the versatile use of candle on various occasions and ceremonies Candle are prepared by well established methods in multifarious fascinating colours, designs and shapes. This is one of the unique book deals ostensibly with different candle making process viz.
Dipping, Pouring, Moulding or Casting ad Drawing, delineating

their technicalities in most illustrious manner with pictorial representations Finally, the book concludes with directory section giving addresses of raw materials, plant and machinery suppliers. ISBN:81-86623-66-3

Price: ₹650 US\$100



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

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



50 Best Home Businesses To Start with Just 50,000 The most authentic and detailed book containing 21 st century

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



Profitable Small, Cottage & Home Industries

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



Grow Rich By Starting Your Own Business

The contents of this book will guide you, step by step, to get our business up and running. You will see how to choose a business that is right for you and find the fund you need to begin and support it. This book will help you how to handle all aspect of running your own business setting up your office, marketing your product or service, getting the help your cash flow and collection, adding employees to expand more, fighting the defaulting customers and more. And you will also find out the challenges and opportunities that running a new business

of your present. You will see how your dream to be your own boss becomes a reality. ISBN :8178330903 Price ₹325 US\$50



50 Project to Start With 5,00,000

The book has been written for the benefit of small entrepreneurs who do onot wish to invest large amount and case has been taken to present the matter in a very simple and comprehensive language so that person without much technical background can grasp the subject easily. More than 50 profitable products have been included in this

book with brief project profiles, processes, addresses of machinery and raw material suppliers. This is very helpful book for new entrepreneurs, consultants, libraries etc. ISBN:978-81-7833-060-0 Price: ₹475 US\$75



Best Businesses You Can Start with Low Cost

Major contents of the book are cooking classes, handmade jewellery making, in house salon, cake & pastry making, home tutoring, internet business, cleaning business, detergent making, pet sitting business, gardening business, home based photography, recruitment business, banana chips making, potato chips and wafers, leather purse and hand bags, biscuit manufacturing, papad manufacturing, pickles manufacturing, spice manufacturing, ice-cream cones manufacturing, wax candles manufacturing, chilli powder manufacturing, soft toys manufacturing,

soap coated paper, baking powder making, moong dal bari making etc ISBN:9788178331607 Price: ₹575 US\$75



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

The purpose of this book is to enrich the people with an understanding of the entrepreneurial process. There is no presumption, however, that entrepreneurship can be "taught," because entrepreneurs have their own peculiar way of doing things. Yet it is possible to help them

to better prepared for transforming dreams in realities. Consequently the book is organized to explore the nature of entrepreneurship, provide models for new venture creation and describe way to help entrepreneurs succeed. The book contains different parameters, procedures and facilities provided by central and state Govt. The book can prove to be useful compendium for any body wanting to setup a small scale unit. ISBN:8178330466 Price: ₹400 US\$50



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

To empower women entrepreneurship, we have released this book which contains number of project profiles suitable for women entrepreneurs. Projects covered in this book are pickles, murabbas,

squashes, spices, soya bean bariyan, pam nasala, readymade garments, socks knitting and many more. This book will be helpful to those women who want to succeed in their life & dream of moving a step closer of being self dependent. ISBN:9788178330587 Price: 1575 US\$50



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

The economic environments going to be more and more responsive to enterprising activities and tremendous potential is likely to enhance for the development of small-scale sector at all level of investment. This book provide technical assistance and special guidance to the entrepreneurs in identifying projects to be started with in Rs. 35,00,000. The book contains processes, project profile, raw material and machinery list with the addresses of their suppliers. The book is very

helpful for entrepreneurs, consultants, institutional libraries etc. ISBN : 8189579002 Price : ₹475 US\$50



लघु व कुटीर उद्योग (स्मॉल स्केल इण्डस्ट्रीज) (4th Revised Edition)

यह पुस्तक उन नये एवं प्रथम पीढ़ी के उद्यमियों की आवश्यकताओं को ध्यान में रखकर लिखी गयी है जिन्हें औपचारिक औद्योगिक प्रशिक्षण प्राप्त नहीं है और लाभकारी परियोजनाओं के कार्यान्वय हेतु प्रयत्नशील हैं। इसके अतिरिक्त लघु उद्योगपतियों, व्यवसायिको, तकनीकी परामर्शदाताओं आदि के लिए भी यह पुस्तक बहुत सहायक सिद्ध होगी। विभिन्न उत्पादों की उत्पादन विधि, मशीन, उपकरण एवं कच्चे माल की जानकारी तथा उनके मिलने के पते, लागत, लाभांश आदि इस पुस्तक

के विशेष आकर्षण हैं। ISBN : 9789381039656 Price : ₹1100 US\$125

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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 meagre, 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 this field, if any, may be meagre, 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



Selected Formulary Book on Cosmetics, Drugs, Cleaners, Soaps & Detergents (2d Revised Edition)

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 meagre, 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

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

Modern Technology of

Printing and Writing Inks (2nd Rev. Edn.)

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



Modern Technology of

PAINTS VARNISHES & LACQUERS

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, pigments, oils used in paints and varnishes, solvents, driers, related plasticizers, additives for surface coating, various types of paints manufacturing etc. ₹1075 US\$125



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 a 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\$1000

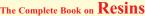
processes and other related information of various printing and writing inks.



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 furishes 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



(Alkyd, Amino, Phenolic, Polyurethane Epoxy, Silicone, Acrylic), Paints, Varnishes, Pigments & Additives

Surface Coating Products with Formulae)



preparation, application, manufacturing process and photographs of plant & machinery with supplier's contact details. The major contents of the book are oleoresinous media, varnishes: composition, manufacture & use, alkyd resin technology, manufacture of alkyd resins, polyesters, amino resins, phenolic resins, polyurethane resins, epoxy resins, silicone resins, acrylic solution resins, emulsion polymerization theory, emulsion polymers, water reducible resins, water soluble polymers, solvents, inorganic pigments, titanium dioxide pigments, organic pigments, paint driers and architectural paints etc. 1875 US\$150



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



Adhesives Formulary Hand Book

Adhesives have so importance and are extensively attached to our infrastructure that we cannot isolate in from out daily needs. From school going children to housewives to jet manufactures to

Atomic Explosion, every where adhesives plays a very important role.



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 preening 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.



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.

- 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
- NPCS Reports are very economical and immediately available on demand where as commissioned Feasibility Studies are time consuming and costly.

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

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

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

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

ABRASIVE, ASBESTOS CEMENT, REFRACTORY **PRODUCTS**

- A.A.C. (Autoclaved Aerated Concrete)
- Blocks Fly Ash Based

 Abrasive & Flint Paper
- Abrasive (Carborandom) Cloth (Emery Cloth)
- Abrasive and Flint Paper
- Abrasive Cake (Cement Based)
 Abrasive Cake for Floor
- Polishing

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

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

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

- Acetate (Fevicol Type)

 Adhesive Content PVC Resin &
- DOP Paste Grade

 Adhesive for All Purpose
- Adhesive for Corrugation (Dry
- Powder)

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

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

106-E, Kamla Nagar, Delhi-7, Ph.:91-11-23843955, 23845886, 23845654, Mob.: 9811043595 Fax: 91-11-23841561, E-mail: npcs.india@gmail.com, Web.: www.entrepreneurindia.co NIIR PROJECT CONSULTANCY SERVICES AN ISO 9001:2008 CERTIFIED COMPANY

- Adhesive & Wood Adhesive Starch Based (Tapioca Or Maize)
- Latex Based Adhesive
- Leather Binder (Resin Based)Neoprene Based Adhesive (Rubber Adhesive)
- Office Gum
 Paper Tape
- Plaster of Paris Bandages &
- Cotton Adhesive Tape
 Polymer Modified Cementatious
- Adhesive (Both White Cement Based and Ordinary Portland Cement)
- Pressure Sensitive Adhesive for BOPP Tapes
 Pressure Sensitive Adhesive for
- BOPP Tapes Acrylic Based
- Pressure Sensitive Adhesive Tape Binder
- PVAAdhesive (Fevicol Type)
 PVC Electrical Insulating Tape
 Rosin Sizing Agent for Paper
- Plant
- Rubber Based Adhesives
- Rubber Solution
- Starch from MaizeStarch from Tapioca
- Surgical Adhesive Tape on Cloth Surface
- Synthetic Gum used in Textile Industry
 • Synthetic Rubber Adhesive
- Synthetic Rubber Adhesive Like
- Fevicol SR Tapioca Starch Adhesive in

- Taptica Start Adnesive in Powder Form
 Textile Printing Binder
 Textile Printing Paste (Gum)
 BIO-TECHNOLOGY,
 INDUSTRIAL
- BIOTECHNOLOGY, ENZYMES PAPAIN, PHYTASE, LIP ASE, ENZYME, FOOD BIOTECHNOLOGY, INDUSTRIAL ENZYMES, VERMICULTURE,

VERMICOMPOST, BIOFERTILIZER, ORGANIC FARMING, BIOGAS, BIO CHEMICALS

- Absolute Alcohol (Ethanol)
- Absolute Alcohol from Molasses
 Acetic Acid from Molasses
- Acetic Acid from Natural Gas
- Alcohol from Potatoes
- Amylase
- Aqua Culture Shrimp Farming
- Aquaculture Fish
- Aquaculture Prawn Farming
- Baker's Yeast
 Baker's Yeast (Yeast from
- Molasses) Bio Fertilizer
- Bio Fertilizer from Cotton Seed
- Bio Gas Production (Manual)
- · Bio-Diesel from Cooking Oil
- Bio-Fertilizer (Organic Fertilizers) from Garbage
- Bio-Fertilizer (Organic Manure)
- Bio-Fertilizer from Birds Excreta
- Biofertilizer from Herbal Waste
- Bio-Fertilizers from Cow dung & other Wastes
- Biomass Briquettes from Bio Waste
- Biopesticide Trichoderma,
 Pseudomonas, Fluorescens & Beauveria Bassiana
- Bio-Stimulant and Fertilizer Supplement
- Citric Acid from Molasses
- Compressed Bio Gas Compressed Yeast from
- Molasses Cut Flower Rose [Floriculture]
- Dehydration and Pickling of
- Oyster Paddy Straw Mushroom
- Enzymes

- Enzymes (in Powder Form) used for Denim Cloth and Garment
- Washing
 Ephedrine Hydrochloride
- Ethanol as Bio-Fuels Ethanol from Rice/Rice Straw/
- Rice Husk / Rice Bran
- Ethyl Alcohol from Molasses Extraction of Pectin from Citrus
- Floriculture
- Floriculture with Green House (Cut Flower Rose)
- Grain Based Distillery
- Herbal Extracts
- Hybrid Seed Production Hybrid Seeds
- Industrial Enzymes
- Insecticides from Neem Seeds
- Neemoil & Leaves Liquid Bio Fertilizer from Agro &
- Municipal Waste

 Methylated Spirit from Sugar
- Cane Molasses Micro Propagation Growth of Tissue Culture
- Mini Fertilizer Plant (Urea)
 Municipal Garbage Treatment
- Mushroom Cultivation
- Mushroom Cultivation &

- Processing
 Mushroom Cultivation &
- Processing with Air Conditioning

 Mushroom Processing and
- Canning
 Organic Farming & Contract Farming
- Organic Fertilizer
 Organic Foods
- Organic Manure from Municipal Solid Wastes
- Organic Yeast from Organic Molasses
 • Papain Manufacturing
- Prawn Fish Farming Pectin from Citrus, Lemon &
- Oranges
- Tissue Culture Lab for Production of Potato Seeds
- Tissue Cultures (100% EOU)
- Vermi Compost
 Vermicompost from Solvent
- Extracted
- Spice Waste Vermiculture
- Vermiculture Chemical Industries
- Yeast Yeast from Molasses (Distillery

Yeast) CHEMICAL (ORGANIC INORGANIC, INDUSTRIAL) INDUSTRIES

- 16 DPA (16-Dehydro
- Pregneolone Acetate) 1-Acetonaphthone
- · 2-4, Dichloro-Phenoxy Acetic Acid
- · 2-Chloroethyl Phosphate Acid
- 39% Emulsifying Concentrate •4,4, Diamino Stilbene 2-2-Dis-Sulphonic Acid
- 7-Aminocephalosporanic Acid (7-ACA)
- Absolute Alcohol
- Absolute Alcohol (Ethanol) Acetic Acid
- Acetic Acid (Glacial)
 Acetic Acid from Molasses
- Acetic Acid from Natural Gas
- Acetic AnhydrideAcetonaphthone
- Acetone
- Acetylene Gas
- Acetylene Gas & Oxygen Gas
 Acid Proof/Spirit Proof Caramel
 Acid Slurry (By Manual Process)
 Acid Slurry (L.A.B.)
 Acid Washed Granulated
- Activated Carbon
- Acrylic Acid and Its Derivatives
 Acrylic Acid from Propylene
 Acrylic Resin (Emulsion Type)
- Activated Alumina
- Activated Bleaching Fuller Earth

- Activated Carbon & Sodium Silicate from Rice/Paddy Husk
- Activated Carbon from Bamboo
 Activated Carbon from
- Cashewnut Shell

 Activated Carbon from Coconut Shell & Bamboo
- Activated Carbon from Coconut Shell
- By Steam Activation Process
- Activated Carbon from Coconut Shell in Continuous Rotary Kiln
- Activated Carbon from Fuller Earth Slum
- Activated Carbon from Rice Husk Activated Carbon from Rice Husk, Coconut Shell, Coconut
- Powder & Coconut Water

 Activated Carbon from Saw Dust
- Activated Carbon from Saw Dust & Coconut Shell Activated Carbon from Saw Dust,
- Rice Husk and Coconut Shells Activated Carbon from Wood
 Activated Carbon from Wood
- Rice Husk & Saw Dust

 Activated Carbon Powder &
- Granulated

 Activated Charcoal

 Activated Charcoal from Wood
- Aerosol Silicon Spray
- Agar Agar (Bacterialogical Grade)
- Air Fresheners (Odonil Type)
 Alcohol Base Fuel Gel
- Alcohol from Potato
- Alcohol from Rice (Grains)
 Alcohol from Rice Straw
- Alcohol Industries Base on Tanioca Starch
- · Alkyd Resin Alkyd Resin (Soyabeen Oil And
- Linseed Oil) Alkyd Resin from Cotton Seed Oil
- Alum
- · Alum (Ferric & Non Ferric)
- Alum (Non-Ferric)
 Alum for Paper Industries
- Aluminium Fluoride
- Aluminium Hydroxide (I.P.)
 Aluminium Hydroxide Gel Aluminium Silicate
- Aluminium Slug (used for Collapsible Tube Containers) Amino Acid
 Amino Acid Metal Chelates (for Agriculture use) (Zinc, Ferrous,
- Copper, Mangnese, Magnisium, Calcium)
- Ammonia Gas
 Ammonia Gas Bottling Plant
- · Ammonium Chloride Ammonium Nitrate
- Ammonium Nitrate from
- Fertilizer Ammonium Sulphate
- · Amyl Acetate
- Anhydrous Ferric Chloride
 Anilin Oil By Hydrogenation from Benzene
- Anti Scaling / Descaling
 Chemicals
- Antimony
 Antimony Potassium Tartrate
 Antimony Trioxide
- Ascorbic Acid (Vitamin C) from Lemon
- Assaying Gold
- Bacteriological Grade Agar 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-Napthol from Naphthalene
- Bobin Serum Albumin
- · Boric Acid
- Briquetting of Lignite
- Buffing & Polishing Compound
 Cable Jelly Compound
- Cable Jelly Filled Compound
 CacO3 Filled Master Batches Caffeine from Tea Waste
- Calcined Lime
 Calcining of Magnesite & Dead Burnt
- Manganese Oxide

 Calcite Alumina Powder
- Calcium Carbide Calcium Carbonate (Pre
- Activated) Calcium Carbonate (Precipitated
- & (Activated) · Calcium Carbonate By Using
- Sea Shell · Calcium Carbonate from Lime Stone
- Calcium Carbonate from Marble
- Chips Calcium Carbonate Precipitated
- Calcium Chloride
- Calcium Gluconate Calcium Hypochloride
 Calcium Nitrate
- Calcium Oxide (Lime Stone
- Powder)
 Calcium Palmitate (Used as
- Cattle Feed)
 Calcium Propionate
- Calcium Salt for Higher Fatty Acid using Cotton Seed Oil Calcium Sennosides and Its
- Products from Senna

 Calcium Silicate
- Camphor Powder Camphor Sheet from Camphor Powder
- Camphor Tablet
- Camphor Tablet (Synthetic)
 Cancer Hospital
- Carbon Black from Dry Cell Batteries
- Carbon Black from Fertilizer's
- Waste Carbon Black from Natural Gas
- Carbon Dioxide (CO2)
 Carbon Dioxide from Boiler
- **Exhaust Gases**
- Carbon Powder
 Carbon Tetra Chloride
- Carboxy Methyl Cellulose Casein from Milk
- Cationic Softener
- Caustic Flakes from Sea Water
 Caustic Soda
 Caustic Soda (Sodium
- Hydroxide) Naoh Caustic Soda Lye
- Caustic Soda with EDC, HCL and Chlorine
- Caustic Soda with Rutile Cellulose Acetate
 Cellulose from Starch and CMC
- (Carboxy Methyl Cellulose and Poly Ionic Cellulose (Drilling Grade) Cellulose Powder &
- Microcrystalline Cellulose Powder Cellulose Powder from Cotton
- Linter (Waste of Cotton) Cement Water Proofing
- Compound Charcoal from Bagasse Charcoal from Coconut Shell Charcoal Powder from Rice
- Chelated Zinc (Zn-EDTA)
 Chelated Zinc Powder (Zn-

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

- China Clay Washing/Purification
 Chlorinated Paraffin Wax (CPW)
- Chloroform (CHCl3)
- Choline Chloride
 Chromic Acid
- Citric Acid from Lemon
- Citric Acid from Molasses
 CNSL Based Resin in Powder &
- Liquid Form
- Coal char from Activated Carbon
- Cobalt Octoate
 Construction Chemicals
 Coolant Engine
- Copper Sulphate
- Copper Sulphate from Copper Ash
- Copper Sulphate from Metallic Scrap Copper
 Corrosion Controlling

- Chemicals (Pipe Lines)

 D.O.P. (Dioctyle Phthalate)
- Defoaming Agent for Paper Industries
- Dehydrated Lime
- Derivative of Geraniol & other Alcohols Extract B-Pinene Derivative Based on Pinene
- Dextrin from Starch
- Dhoop (Loban) Benzoin
 Di Aryl Di Sulphide (Dads)
 Di Calcium Phosphate from Rock Phosphate (Haifa Process)
- Di-Butyl Phthalate (DBP)
 Dicalcium Phosphate Dentifrice
- 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 OilEndosulphan
- Ephedrine Hydrochloride
- ErythrosineEtching Process
- Ethanol as Bio-Fuel Ethanol from Molasses with Spent Wash Treatment
- Ethyl Acetate
- Ethyl Alcohol from Molasses
- Ethyl Ortho Phthalate
 Ethyl Vanillin
- Ethylene Diamine
- Ethylene Glycol Mono-Stearate,
- Ethylene Glycol Di-Stearate
- Ethylene OxideEthylene Oxide By Ethylene
- Oxidation Extra Neutral Alcohol
- · Extraction of Chemicals from D.M.O. Extraction of Gold, Silver &
- Copper from the Alloy by Chemical Process Extraction of Lead from Lead
- Waste Extraction of Silver from Hypo
- Solution (Chemical Proces
- Extraction of Ultra Pure Silicon from Rice Husk
- Fatty Acid
 Fatty Acid Based on Sunflower Acid Oil
- Ferric Alum
- Ferric Alum for Water Treatment
- Ferric Chloride (Anhydrous) Ferric Chloride Solution
- Ferric Oxide
- Ferric Sulphate
 Ferric Sulphate (Powder)
- Ferro Alloy

- Ferro Alloys Ferro Silicon, Ferro Maganese and Silico

- Manganese)
- Ferro Manganese (By Alumina Thermic Process)
- Ferro Silicon
- Ferrous Silicate
 Ferrous Sulphate
- Fire Works
- Flooring Oxides
 Fluorine Chemical (Hydro
- Fluoric Acid)
- Foaming AgentFormaldehyde formic Acid
- Formulation of Super Plasticizer
 Fortified Rosin (Used in Paper
- Industry)
 Fuller Earth
- Furfural Alcohol from Furfural
- (Hydrogenation)
 Furfural from Corn Cobs. Rice
- Husk, Sugarcane Bagasse Furfural from Rice Husk/Hull
- · G. Acid
- Gasket Shellac Compound
 Gelatin (Edible, Pharmaceutical
- Photography Grade)
 Gelatin from Bones
 Geraniol Derivatives & Alcohol Extract of Pinene
- Glacial Acetic Acid · Glacial Acetic Acid from Methyl
- Alcohol
- Gluten Glycerine
- Glycerol Monooleate (GMO) Glycerol Monostearate
- Gold Potassium Cynide
- Gold Salt
- Gossypol Ground Calcium Carbonate
- Guar Hydroxy Propyl Triammonium Chloride
- Heat & UV Stabilizers for PVC & other Engineering Plastics
 Heat and Water Proof Compound
- for Construction
 Hexachloro-Ethane
- Hexachloro-Ethane from Ethylene Dichloride
- Hexamine from Formaldehyde
- High Carbon Ferro Manganese
 High Concentrated Formalin
- High Quality Activated Carbon
 Highly Purified HCL By Using
 HCL as Raw Material
- Humic Acid from Lignite Coal
 Hydrated Lime
- Hydrated Lime from Sea Shell
- Hydrazine Hydrate
 Hydrochloric Acid
- Hydrogen Per Oxide (50% Conc)
 Hydrogen Peroxide (Anthraquinone Autoxidation
- Process) Hydrogen Peroxide (90% or
- Hydrogen Peroxide (By Auto Oxidation Process)
- Hydrogen Peroxidé By Ethyl Anthraguinine
- Catalytic Hydrogen Peroxide Using CNG Gas
- Hydroxide (Naoh)-Caustic Soda
- Hydroxy Amine SulphateIndustrial Gases
- Industrial Salt
 Insoluble Sulphur
- International Standard Laboratories
- Iron Oxide for Making Ferrites
- ISO Propane (Isopropyl Alcohol
 Isolation of Citral & Ionones from
- Lemon Grass Oil Isophthalic Acid
- Isophthalic Acid Resin
- LAB (Linear Alkyl Benzene)
- Laboratory Chemicals
 L-Ascorbic Acid (Vitamin C)
- · Lead Oxide (Mono-Oxide, Red Lead
- Tetra Nickel) • Lead Oxide (Monoxide, Red & Grey)

- Lead Recovery from Scrap
- Battery
 Lead Stearate
- Leather Auxiliaries
- · Leather Chemicals (Hydrated Lime.
- Chromium Sulphate, Borax)
- Lecithin (Soya Based)
 Lecithin from Sunflower Oil
- Light Magnesium Oxide
 Lime Stone Powder

- Liquid Oxygen Bottling Plant
 Liquid Sodium Silicate from
 Caustic Soda & Sand
- L-Lysine from Microbial Fermentation
- Low Carbon Ferro Manganese
 Low Carbon Ferro Manganese
 and Ferro Chrome (Through
- Alumina Thermic Process)
- Magnesite from Megnesite Ore
 Magnesium from Sea Water
- Magnesium Hydroxide
- Magnesium Hydroxide Powder
 Magnesium Oxide (Especially
- Light Grade) from Dolomite

 Magnesium Oxide with More Than 90% Mgo

 Magnesium Powder (Light) Magnesium Sulfate as Fertilizer
- Grade
- Magnesium Sulphate
 Maleic Anhydride
- Manganese Oxide (Ferrite
- Grade) Manganese Sulfate from Ferromanganese Content 30%
- Manganese Sulphate Manganous Oxide (Mno)
 Through
- Calcination of Manganese Oxide Ore in Rotary Kiln
- M-Dinitrobenzene
- Medium Grade Ferro
- Manganese Melamine
 Melamine Formaldehyde Powder
- · Meta-Dinitro Benzaldehyde Metal NaphathenatesMetal Paste
- Metal-Pre-Treatment Chemicals
 Metanilic Acid
- Methyl Acrylate
- Methyl Ethyl Ketone Oxime
 Methyl Ethyl Ketone Peroxide
- Methyl Methacrylate
- Methyl Methacrylate (Monomer) from Acrylic Scraps
- Methyl Salicylate
 Metrodinazole
- Micro Nutrients Mixture Solid Microcrystalline Cellulose
- Powder Mixed Fertilizer (Chemical
- Mixed Fertilizer (Organic Waste)
- Mono Ethylene Glycol

Based)

- Mono Sodium Glutamate
- Mosquito Coil
 Multi Grade Lime
- N-Acetyl Glucosamin Through
- Chitin Biotechnically
- Naphtha Based Solvent
- Naphthalene Balls
 Naphthalene from Coaltar &
- Petroleum Waste Naphthole Astr
- Natural Glycerin N-Butyl Acetate Neutralization of Chemical
- Phosphogypsum Nickel Catalyst for

Nitro Cellulose

- Hydrogenation of Vegetable Oil Nicotine from Tobacco Waste Nitric Acid (60%) from Ammonia
- Nitrous Oxide Non-Ferric Alum Non-Formaldehyde Fixing Agent
 Non-Formaldehyde Fixing Agent

- (Natural)
- NPK Complex Fertilizer Plant
- Optical Brightener
- Ortho-Toluene Solvent
 Ossein from Bones
- Oxalic Acid from Molasses
- Oxalic Acid from Rice Husk Oxalic Acid from Saw Dust
- Oxalic Acid from Vegetable Waste
- Oxygen and Nitrogen Gas Plant Oxygen Gas Collection and Bottling Plant
- Oxygen Gas Plant
- Oxygen Gas Plant (Air Separation Method)
- Oxygen Liquid Plant
 P. Toluene Sulphonic Acid
- P.V.C. Stabilizer (Lead Stearate)
- & Calcium Stearate)
 Paint Driers
- Para Aminophenol
- Para Toluene Sulphonic Acid
 Pectin from Citrus, Lemon &
- Oranges
 Pectin from Citrus, Lemon,
- Orange Peels & Apple Pomace
- Pectin from Orange Lime Peels
 Pectin from Raw Papaya
- Pentaerythritol
- Phenyl
 Phenyl (Black and White)
- Phenyl (Pine Oil Disinfectant)Phenyl Brown & White Phosphoric Acid (Purification)
- from Crude

 Phosphoric Acid from Rock Phosphate (Used of Waste Spent Acid 25% of Vinyl Sulphan ontents H2so4 + Hcl)
- Photo-Emulsion for Rotary Screen Printing
- Phthalic Anhydride
- Phthalocyanine Blue & Green
 Plaster of Paris
- Poly Acetal Unit
 Poly Acrylic Acid
 Poly Aluminium Chloride (PAC.
- from Alcl3)
 Poly Aluminium Chloride from
- Aluminium Hydroxide
- Poly Aluminium Sulphate from Aluminium Sulphate
- Poly Carbonate (Dry Process)
 Poly Vinyl Alcohol
 Polyester Resin Polyethylene Wax Polyphenoles/Antioxidants from
- Tea Extracts/ Tea Concentrates

 Polyvinyl Acetate
- Polyvinyl Alcohol Potassium Chloride
 Potassium Cyanide (Silver &
- Gold)
- Potassium Dichromate/

Rod

- Bichromate Potassium Iodate
- Potassium lodide Potassium Nitrate
- Potassium Nitrate from Potassium Chloride Potassium Permanganate (Kmno4) in Solution form
- Potassium Silicate Potassium Silicate for Welding
- Potassium Silicate Using Autoclave

 Potassium Sulphate
- Precipitated Calcium Carbonate Precipitated Silica Precipitated Silica from Rice Husk Ash
 • Precipitated Silicate (Liquid
- Sodium Silicate) Pure Silica Metal with Silica
- Quinine Sulphate From Cinchona Reclamation of Nickel from Spent Catalyst of Vanaspati Industry
 • Reclamation of used Bleaching

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

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
 Reduction of Manganese Dioxide
- Manganese Oxide 42% Process By Rotary Kiln • Refrigerant Alfa – R- 134
- Ringer's Lactate SolutionRoofing Compound & Water
- Proofing Compound
- · Silica Jel
- Silica Sand
- Silica Sand Beneficiation
 Silico Manganese
- Silicon Sealant
- Silicone
- Silicone Carbide
- Silicone Emulsion
 Silicone from Rice Husk
- Silver Extraction from Waste
- Fibre Bleach and from Photo Film
- Silver Extraction from Waste Hypo Solution (Chem. Process) Silver Extraction from Waste
- Hypo Solution (X-Ray/Cinema
- Silver Nitrate
- Single Super Phosphate
- Single Super Phosphate (S.S.P.) & Sulphuric Acid
- Single Super Phosphate & Mix NPK Fertilizers (SSP & NPK)
- Single Super Phosphate
- (Powder) Soda Ash
- Sodium Aluminates
- Sodium Aluminium Sulphate
- Sodium Benzoate
- · Sodium Bicarbonate from Soda Ash
- Sodium Carboxy Methyl Cellulose
 • Sodium Chloride (Naclo2) Direct
- Electrolysis Process from Sodium Chloride to Sodium Chlorite
- Sodium Chromate
 Sodium Hexa Meta Phosphate Sodium Hydrosulphite
- Sodium Hydroxide
 Sodium Hypo Chlorite from
- Waste Chlorine Gas

 Sodium Hypochloride (Bleaching
- Powder) Sodium Meta Bisulphite
 Sodium Meta-Silicate
- Sodium Nitrate
- Sodium Nitrate & Sodium Nitrate from Nitric acid Vapour of Oxalic
- Sodium Petroleum Sulphonate
- Sodium Silicate
 Sodium Silicate from Rice Husk
 Sodium Silicate from Rice/Paddy
- Sodium Silicate from Silica and Soda Ash
- Sodium Silicate Using Wet Process and Caustic Soda
- Sodium Sulphate (Anhydrous)
 Sodium Sulphate Plant
 Sodium Sulphide from Barium
- Compound Sodium Sulphide from Sulfur and
- Caustic Soda
- Sodium Sulphite
- Sodium Tripoly Phosphate
 Softener (Cationic, Anionic &
- Nonionic)
- Solder Fluxes
- Solid Carbon Dioxide (Dry Ice)
 Solid Fuel Cake
- Solvent & Thinners

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Solvent Extraction & Refining

- Solvent Extraction and Refining of Soyabean Oil
- Sorbitan Monooleate
- Stearic Acid
- Strontium Carbonate
 Sulphur Milling Plant
- Sulphur Powder
- Sulphuric Acid
 Sulphuric Acid 98%, Oleum 65%, Chlorosulphonic Acid 98% (from Sulpher), & Thionielchloride (Soci2 from Sulpher & Chlorine
- Super Phosphate & Mixed
- Fertilizer (NPK)
- Super Plasticizer (Liquid Form)
 Surgical Methylated Spirit
- Synthetic Iron Oxide (Yellow)
 Synthetic Ruby Sapphire
- Synthetic Tallow
- Synthetic Tannin Powder for Leather
- Industry Tannic Acid
- · Tannin (Edible) from Arecanut
- · Tartaric Acid from Maleic Anhydride
- · Tartaric Acid from Tamarind
- Tartaric Acid, Food Colour, Crude Pectin, Tamarind Oil
- Textile Printing Binder Thio Urea
- Thio Urea (Using Carbon Disulphide)
- Titanium Dioxide
- Tri Basic Lead Sulphate
- Trisodium Phosphate
 Ultra Marine Blue (5 Mt/Day)
- Urea Formaldehyde Resin
 Water Proofing Compound (Liquid & Powder)
- Water Treatment Chemicals
 X-Ray Photography Developers
- Yeast from Molasses
- Yellow Dextrin
- Zeolite A
 Zeolite 4a (Detergent Grade)
 Zinc & Copper Sulphate from
- Brass Ash Zinc Brightener
- Zinc Chloride
 Zinc Oxide (Chemical Process)
 Zinc Oxide from Zinc Dross

- Zinc PhosphateZinc Phosphate By Cold Process
- Zinc Stearate
- Zinc Sulfate 21% Agricultural Grade from Waste Ash
- Zinc Sulphate • Zinc Sulphate (33%, 12%, 21%)
- Zinc Sulphate Micro Nutrients or Fertilizer
 • Zinc Sulphate Micro-Nutrient
- · Zinc-Metal from Zinc Ash
- Zircon

COCONUT AND COCONUT PRODUCTS

- Activated Carbon from Coco nut Shell · Coconut based Hair Oil
- Coconut Fiber Unit
- Coconut Oil
- Coconut Plantation
- Coconut Processing Unit
 Coconut Shell Powder
- Coconut Squash Jam & Cream
- Coconut Water
- Coir Handicraft
- Coir Industries
 Coir Pith Products
- Desiccated Coconut Powder
- Integrated Coconut Processing
- Rubberised Coir COMPUTER PRODUCTS AND INFORMATION TECHNOLOGY (IT) BASED
- Business Process Outsourcing (BPO)
 Call Centre (Domestic)
- Call Centre (International) Compact Disc

- · Compact Disc Player
- Computer Assembling Unit
- Computer Assembly (Hardware)
 Computer Education Institute
- Computer Farms & Security Printing Press
- Computer Floppy Disk Storage
- Box
 Computer Forms (Stationery)
- Computer Key Boards
 Computer Monitor (Monochrome
- Monitor)
- Computer Ribbon (for Printer)
 Computer Ribbon Refilling/
- Reinking · Computer Software (EOU)
- Computer Training Institute
- Cyber Park
 Cybercafe-Internet Browsing
 E-Commerce
- Floppy Disks
 Information Technology (I.T.) Training Centre
 Internet Service Provider
- IT Park
- Laptop Computers Medical Transcription Centre
- Online Shopping Mall
- Plastic Floppy Storage Box
- Portal

Portal COSMETICS, PERFUMERY COMPOUNDS, FLAVOURS & ESSENTIAL OILS, PERFUMES & FRAGRANCES, ESSENCES, TOILETRIES, HAIR CARE, PERSONAL CARE, SKIN CARE, BEAUTTY PRODUCTS Aerosol Silicon Spray Aerosol Spray [Rose Flavour, Nicht Queen, Jasmin Nicht Queen, Jasmin

- 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)
- Amla Hair Oil Based on Vegetable Oil
- Aromatic Herbal Shampoo
 Aromatic Perfumery Compounds
 Artemisia Vulgaris Oil
- Bath Soap (Pears Type)Bathing Soap
- Bindi
- Bindiya (Shilpa Type)Car Shampoo
- Cardamom Oil
 Citronella Oil Extraction (Steam
- Distillation)
- Cosmetic Industry
 Cylindrical Agarbatti Sticks
- Detol Type Antiseptic Lotion
- Dhoop Batti Sticks
 Essences for Biscuit
- Confectionery Items (Non-Essential Flavour) Essential Oil Form Lily, Mogra,
- Nishigandha
 Essential Oil from Flowers
- Essential Oils from Jawa Citronella Oil
- Eucalyptus Oil Extraction of Essential Oil &
- Packaging Extraction of Menthol Oil
- Extraction of Oil (Jeera, Ajowan, Ginger, Cardamom Oil) Formulation of Flavours
 Fractional Distillation of
- Essencial Oil and Medicinal Plant Fractional Distillation Unit for Lemongrass, Palmrosa and
- Garlic and Ginger Oil Ginger Oil (Super Critical Co2 Process)
- Hair Dye (Godrej Type) Hair Dye Powder
 Hair Dyes (Henna Based)

Citronella

- Hair Oil
- Hair Shampoo
 Henna Paste (Self Life 6 Month)
 Herbal Cosmetic
- Herbal Hair Oil (Banphool Type)
 Herbal Natural Essential Oil
- Herbal Natural Essential Oil
- (Steam Distillation Process) Lemon Grass Oil
- · Light and Fragrant Hair Oil with Coconut Oil and Mineral Oil
- · Lily Essence
- Menthol Crystal Bold from Menthol Oil

- Menthol Crystals
 Menthol Crystals & Menthol Oil
 Menthol Oil, Citronella Oil &
- Clove Oil

 Nail Polish
- Non Formal Dye Fixing Oil Non-Alcoholic Flavours
 Oleo-Resin & Capsacin Product
- Extraction Plant
- Oleoresin & Essential Oil
 Palmrosa Grass Oil
- Pan Flavouring (Kashmiri Sugandh)
- Peppermint Oil
- Perfumery Chemicals Synthetic
- and Natural
- Perfumery Compound (Fragrance Oil) • Perfumes
- Rajnigandha and Rose Plantation with Extraction of Oils Red (Lal) Tooth Powder
 Rose Oil (Essential Oil from
- Flowers)
- Rose Oil Extraction Rose Plantation & Rose Oil
- xtraction (Rose Essential Oil) Sandal Wood Oils & Powder
- Scent & Perfumes • Shampoo & Creams • Shampoo & Creams (Cold Cream, All Purpose Cream &
- Vanishing Cream) Shaving Cream
- Shaving Cream & Shaving Soap
 Sindur, Roli, Bindi & Gulal
 Spice Oil or Oleoresins
- (Extraction of Essential Oil from
- Spices)
- Sweet Aroma of Betel Nut.
 Synthetic Perfumery Compound Talcum Powder
- Talcum Powder (Face & Toilet
- Powder)
- Tejpatta Oil from Tejpatta
 Tobacco Based Tooth Powder
- Tobacco Flavouring Compound
- Tooth Paste
 Tooth Paste & Powder

Tooth Paste (Gel Type) Yara Yara (Perfumes for Soap, Detergent & Agarbatti)

- DYES, DYE INTERMEDIATES & PIGMENTS
- Acetonaphthone
- Azodicarbonamide Plant
 Azo Dye Stuffs Beta Naphthol (100% EOU)
- Coumarin Dye Fixing Agent (By Cold
- Process) Dye Intermediates
- Dye Intermediates Indigo Blue Dyes & Dye Intermediates
- Fast Colour Base Lake Colour Leather Auxiliaries

• Erythrosine

- Lecithin (Soya Based)Metal Naphthenates Naphthalene Balls
- Phthalocyanine Blue and Green
 Reactive Dyes (Red, Orange, Yellow Colour) Used B-Napthol
 Synthetic Iron Oxide (Yellow)
 Synthetic Iron Oxide Pigments

Synthetic Iron Oxide from Iron

Oxide Liquor/Sludge

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AN ISO 9001:2008 CERTIFIED COMPANY Fax: 91-11-23841561, E-mail: npcs.india@gmail.com, Web.: www.entrepreneurindia.co

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- Textile Bleaching, Dyeing & Finishing
 • Textile Carpet Woollen Dyeing
- Textile Dyeing Auxiliaries
- Textile Printing Pigment Binder
 Ultra Marine Blue

ECO FRIENDLY AND BIODEGRADABLE PRODUCTS

- Duplex Paper
 Fuel Bricks from Groundnuts Soyabean Hull and Jute
- Gunny Bags
 Jute Coir, Grass Rope/ Sutli
- Jute Garments
- Jute Shopping Bags
 Jute Yarn Sutli & 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 BagsPET Bottles
- PET Bottles from Pre-Form PET
- Ply Board from Bamboo (Chinese Process)
- Poly Vinyl Alcohol Film (Cold Water Soluble)
 Wood Plastic Composite

Products EDUCATIONAL INSTITUTES, SCHOOL, ENGINEERING, MEDICAL, DENTAL, PHARMACY, MANAGEMENT, CULINARY, NURSING, PHYSIOTHERAPY COLLEGE

- · Bachelor Physiotherapy College
- Bio-Tech InstituteCulinary Institute
- Dental College
 Engineering College
- I.T.I (Industrial Training Institute)
- Management College
 Management College (BBA,
- BCA, MBA, MCA)
- Marine Engineering College
 Medical College
- Medical College, Hospital & Research Institute
- Medical College with Hospital
- Nursery School
- Orphanage with School
- Pharmacy College (B. Pharma Pharma)
- Pharmacy College (B-Pharma)
- Polytechnic College (Technical Education Institution)
- Residential School (C.B.S.E. Pattern) Residential School (ICGEB)
- School
- School (Secondary School)
- School (I.G.C.S.E.)
- School (I.G.C.S.E.)
 Vocational Training Institute
 EDIBLE OILS, NON EDIBLE
 OILS, FATS, VEGET ABLE FATS
 AND OILS, CORN OIL,
 COOKING OILS, RICE BRAN
 OIL, CASTOR OIL, SESAME
 OIL, LINSEED OIL
- Anilin Oil By Hydrogenation from Benzene
- Cardamom Oil
- Castor Oil (Batch Process)
- Castor Oil (Extraction & Refining)

 Castor Oil Derivative Oleoresin
- Chili Oil
- Coconut Oil (Filtration and Airtight Packaging in Containers)
- Coconut Oil from Copra
 Coconut Oil in Containers
- (Filtration & Airtight Packaging)
- Corn Oil (Maize Oil)
 Cotton Seed Delinting/Crushing

- & Refining of Oil
- Cotton Seed Oil
 Cotton Seed Oil (Extraction & Refined)
- Cultivation & Super Critical Oil Extraction of Chilli, Ginger &
- Large Cardamom
- Edible Oil Refinery Unit
 Extraction of Oil from Neem Seed
- Extraction of Oil from Soyabean & Cotton Seed
- Extraction of Oil from Tamarind
- Seed · Extraction of Sesame, Rice Bran
- & Palm Oil Fat Liquor (Sulfated Oil)
 Garlic Oil
- Ginger Oil
- Hydrogenation of Non-Edible Oil
 Lemon Grass Oil
- · Linseed Oil
- Mahua Oil
- Maize Oil
- Margarine/Fat
- Neem Oil from Seeds
- Non-Formal Dye Fixing Oil
 Oleoresin of Spices Using Solvent Extraction Process
- Oleoresin of Spices Using Steam Distillation Process
- Palm Oil
- Patchouli Oil
- Poppy Seed Oil By Expeller
- Process
 Poppy Seed Oil By Solvent
 Extraction Process
- Rainbow Colours on Metal
 Refined Oil (Cotton Seed Ground)
- Nut Oil & Sunflower Oil
 Refined, Bleached, Palm Oil from
- Crude Palm Oil
- Rice Bran Extraction & Refining
 Rice Bran Oil
- Rubber Processing Oil
- Sesame Oil from Sesame Seed
 Shortening & Liquid Palm
- (Olien)
 Solvent Extraction Plant
- Solvent Extraction Plant & Refinery Based on Rice Bran, Soya & Other Oil Seeds
- Solvent Extraction Plant for Rice Bran
- Solvent Extraction Plant for Soyabean
 • Sun Flower Seed Oil
- Tejpatta Oil from Tejpatta
- Turkey Red Oil
- Turpentine Oil and Rosin
- Vegetable Crude Oil (Solvent Extraction Plant)
- Virgin Coconut Oil
- Wheat Germ Oil
 Wool Batching Oil
- ELECTRICAL & ELECTRONIC INDUSTRIES Air Conditioner (A/C) Car &
- Room Servicing

 Air Conditioners (Window Type)
- · Air Cooler All Aluminium Alloy Conductor
- (AAAC) All Aluminium Conductor &
- Aluminium Conductor All Aluminium Conductors
- Alternator
 Alternator (1 To 75 KVA)
 Aluminium Conductor
- Aluminium Electrolytic Capacitor
 Aluminium Power Cables
- Aluminium/Copper Cable Lugs
- Arial Bunched Cable Armoured Cables
- Audio Cassette Assembling & Recording Unit
- Audio Cassette Manufacturing & Recording Audio Cassettes Manufacturing
- Audio Magnetic Tape
 Audio Stereo Cassette Recorder Players
- Audio Video Cassette
 Assembling

- · Auto Bulb/Lamp
- Auto Lamps (Auto Tail Lights) · Auto Telephone Recording and Answering Machine
- Automobile Battery
 Bakelite Electrical Accessories
- Battery (UPS, Inverter, Solar System & Automobile Battery)
 Battery for Auto Vehicles

- Battery Manufacturing Unit
 Battery Plates & Assembly
 Button Cell (Miniature Watch)
- Battery)
 Cable Creeping Lugs, Socket &
- Cable Creeping Tools

 Calculator, Torch & Alarm
- Capacitors
- Cassette Tape Recorder Ceiling Fan
- Ceiling Fans, Wall Switches &
- Sockets

 Choke & Starter for Fluorescent Tube
- Choke and Patti for Fluorescent Tube
- Choke and Starter
- Chokes and Patties
- Clay Plate for Electric Heater
- Colour Television (T.V.) Commutators
- Compact Copper Tube Light Choke
- Compact Disc Rom (CD-Rom)
- Compact Disk Player
 Compact Fluorescent Lamps
- Compressor for AC (Hermetic)
- Computerized Washing Machine
 Cooling Coils (For Air
- Conditioners)
- Copper Clad Laminated Sheet Used
- for Making P.C.B.
 Cordless Telephone
- CT/PT Epoxy Casting Transformers
- Diesel Generator (20-200 KVA)
- DG Set

 Different Types of Capacitors

 Dish Antenna and Satellite
- Network Equipment
 Distribution Transformer & Repairs
- Distribution Transformer (250KVA) Repairing
- Distribution Transformers
 Domestic Electric Cable
- Domestic Refrigeration
- Dry Cell
- Dry Cell Battery
- Dry Cells, Rechargeable Cells
 Electric & Ordinary Detonators (used in Explosive for Hard Rock
- Cutting & Blasting)
 Electric Arc Furnace
- Electric Bulb (GLS Bulb)
- Electric Energy MeterElectric Extension Cord
- Electric Fan
 Electric Fluorescent Tube
- Electric Geyser
- Electric MixerElectric Motor
- Electric Motor Pumps
 Electric Panel Board (Switch)
- Boards) Electric Steam Iron
 Electric Water Heater
- Electrical Accessories (Plugs, Switches, Sockets)

 • Electrical Control Panel
- Electrical Lamp Electrical Motors (High
- Capacity)
- Electrical Panel (Switch Board)
 Electrical Stamping
 Electro Polishing on Steel
- Electronic Calculator
 Electronic Choke (Ballast)
- Electronic Cut Out for Automobiles Electronic Digital Weighing
- Machine
 Electronic Energy Meter

- Electronic Horn for Automobile
- Electronic Service Centre
- Electronic Tovs
- XLPE Cables

- House Wiring Cables
 HT & MV Industrial Cubic Switch
- Boards
- Information Moving Display (Lead Type)
- Insulator (High Tension/Low

- Lamp Shades & Chandliers

- Breaker)

 Maintenance Free Re-
- Chargeable Battery Micro Oven
- Miniature Transformer
- Modular Switches
 Multilayer Printed Circuit Board
- Neon BulbNeon Sign Board
- PCB (Multilayer)
- PCB (Totally Automatic Plant)
 Plastic Cooler Body (Symphony
- Portable Television (B & W)
 Power Cables

- Power Transformer
 Power Transformers-Extra High
- (Photovoltaic)

 PVC Battery Separator
- Acid)
- Re-Conditioning of Fluorescent Tube
- Refrigeration & Mini
- Rewinding of Burnt Electric
- Rosin Cored Soft Soldering Wire Satellite Receiver
- (Electronic) Set Top Box
- Soft & Hard Ferrites
- Submersible Pump & Motors
 Switch Mode Power Supply
- Tele Com/Power Transmission
- Telephone (Push Button Type)
 Terminal Connectors Transformer/Servomotor/Relay
- (UPS)
 V.C. Cooler

- Emergency Light
 Emergency Tube Light
 EPABX / EPAX System
 Exhaust Fans (Cooler Fan)
- F.H.P. Motors
- Ferrite Magnets Fluorescent Tube Starter
- G.L.S. Bulbs/Lamps
- Gas Detectors of LPG
 Halogen Lamps
- Immersion Heater
- Tension)
- Jelly Filled Cables
- Lead Acid Batteries
 Light Emitting Diodes (LED)
 M.C.B. (Miniature Circuit

- Musical Door Bell
- Neon Sign Tube and Board
 Optical Fibre Cable
 Optical Pickup Unit
- P.V.C. Wire & Cables PCB (Flexible)
- Type)
 Polyurethane Battery Separator
- Porcelain Insulator
- Power Capacitor
 Power Supply (Linear Switch)
- Mode)
- Voltage Up To 400 KV
 Printed Circuit Board PV Module Assembly Plant
- Rechargeable Battery-Maintenance Free (Sealed Lead
- Re-Conditioning of TV Picture Tube
- Refrigeration
- Motor
- Scientific Laboratory Equipment
- Steel Vacuum FlaskSubmersible Pump
- Tape Recorder's Pinch Roller, Rubber, Drive, Belt Flat
- Transistor and Semi Conductor Un-Interrupted Power Supply

- Variable Frequency, Variable Voltage A.C. Voltage
- Video Cassette
 Video Compact Disc (V.C.D.)
- Voltage Stabilizer (Solid State)
 Voltage Stabilizer Using IC
- Timer
- Washing Machine
 Washing Machine & Geyser
- · Winding Wires PVC Insulated for Submersible Motors

ELECTROPLATING **INDUSTRIES**

- Anodic Aluminium Labels
- Aluminium Anodizing Plant
- Aluminium Hard-Anodizing Unit
- Chrome Plating
- Electro Polishing of Steel
 Electroplating of Gold & Their Chemical Treatment in Golden Colour
- Coating of Titanium Dioxide on Plastic Surface

- Electroplating of Plastic
 Electroplating of Various Metal
 Galvanized Iron Sheet (Plain &
- Corrugated)
 Gold Electroplating on Cheaper
 Ornaments (Without Using Gold)
 Gold Plated Silver Jewellery
- Gold Plated Silver Jewellery &
- Cutlery Hard Chromium Plating

- Peelable Coating (Water Based)
 Peelable Coating Solvent Based
 Silver & Gold Plating on PVC
- and Nylon-6
- Watch Case Buffing
 FOOD PROCESSING AND
 AGRICULTURE BASED AGRICULTURE BASED
 PROJECTS, SNACK FOOD,
 FROZEN FOOD, AGRO
 PROCESSING, PROCESSED
 FOOD, FOOD PRESERVATION,
 CANNED FOOD, PACKED
 FOOD, CEREAL FOOD, GRAIN
 MILLING, BAKERY,
 CONFECTIONERY,
 ALCOHOLIC AND NON
 ALCOHOLIC REVERAGES
- ALCOHOLIC BEVERAGES,
 BEER AND WINE, MILK &
 DAIRY RODUCTS

 Alcohol from Potatoes
- Alcohol from Rice (Grains)
- Alcohol from Rice Straw
 Aloevera Juice, Gel and Powder
 Angora Rabbit Farming, Rabbit
- Feed, Yarn from Wool Then Mfg. of Shawls, Sweaters, Caps,
- Muflers with Dyeing & Bleaching
 Animal Feed from Bagasse
 Animal Feed Using Date Pits, Discarded Dates & Other
- Ingredients Apple Chips
- Apple Juice Concentrate &
 Dehydrated Fruits & Vegetables
- Aquaculture Fish (Bream)
 Farming
 Aquaculture Fish Farming
- Aquaculture Prawn Farming (100% EOU)
- Aquaculture Prawn Farming Equipped with Cold Storage
- Aquaculture Shrimp Farming Arecanut (Betal Nut) Processing Unit
- Asafoetida
 Aspargus Cultivation &
- Processing Atta Chakki
- Atta Chakki Plant
- Atta, Maida, Suji & Wheat Bran (Roller Flour Mill)

 • Automatic Biscuit Making Plant
- Automatic Bread & Biscuit Plant Automatic Bread & Biscuit Unit
- (Modern Bakery) Plant Automatic Bread Plant
 Automatic Chapati Making Plant
- Automatic Papad Plant
- Automatic Toffee & Candy
- Baby Cereal Food

- Baby Food Products (Infant) Cereals).
- Porridge Mixes, Fruit Purees, Savoury Meals, Infant Milk, Baby Biscuits
- & Mueslis Baby Health Care Food & Milk

- Bakery Industries
 Bakery Unit (Pastries, Bread, Buns, Cake, Toffee)
 Bakery Unit (Rusk & Cookies)
 Baking Powder

- Banana & Its By Products
 Banana Powder · Banana Products (Banana
- Powder, Puree and Concentrate)

 Banana Puree

- Banana Wafers
 Basmati Rice Trading
 Bee Keeping, Honey Processing
- and Packaging
 Beer & Whisky
- Beer & Wine
- · Beer Industry
- Beer Plant
- · Beer, Whisky & Rum
- Besan Plant
- Bio-Coal Briquettes from Agricultural Cellulosic Waste
 Biscuits & Cookies
- Biscuits Making Plant
- · Blended Alcohol with Bottling Line (Molasses Based)
- Bottling Plant (Alcoholic & Non Alcoholic)
- Lacithin (Śoya Based)
- Liquid Glucose from Broken Rice
 Liquid Glucose from Maize & Maize Oil
- Liquid Glucose from PotatoesLitchi Juice

- Locally Made Foreign Liquor
 Macaroni Manufacturing
 Macaroni, Spaghetti, Vermicelli & Noodles
- Maize & Its By Products
- Maize & Its Products Starch, Oxidized Starch, Oil, Liquid Glucose, Dextrose
- Maize Oil
- Maize Processing for Glucose
- Maize Processing Plant (Starch, Dextrose, Sorbitol, Liquid Glucose & Malto Dextrose)
- Maize Processing Plant (Starch, Gluten, Germ, Fiber, Glucose & Steep Water)
- Maize Processing Unit (Starch, Gluten Feed, Gluten Meal, Oil & Oil Cake)
- Maize Products (Starch, Oxidized Starch, Liquid Glucose & Dextrose)
- Maize Products Starch, Liquid Glucose, Dextrose Monohydrate, Dextrose Anhydrous, Sorbitol And Vitamin C
- Maize Starch
- Maize Starch & Liquid Glucose
- Maize Wet Milling Process
 Maize/Corn Starch, Sorbitol and
- Dextrose
 Makhana Processing Unit
- Malt from Barley
- Malting Plant
 Mango Fruit Bar
- Mango Juice
 Mango Papad (Aam Papad)
 Mango Pickles

- Mango Powder
 Mango Processing
- Mango Processing
 Mango Pulp
 Mango Pulp & Slices
 Mango Pulp Processing & Canning
- Manufacturing of Roasted Salted Cashew Kernel from Cashew Nut
- Margarine Fat
- Masala (Spices) [EOU] Masala Powder
- Mayonnaise
- Medicinal/Herbal Plants

- Cultivation
- Menthol Crystal from Menthol Oil
- Menthol Crystals (EOU)
 Milk Chilling & Packaging Plant
- Milk Paneer
 Milk Plant with Pouch Packing
- Milk Powder and Ghee Milk Powder, Pasteurised Milk, Butter, Cheese & Ghee
- Milk Processing (Flavoured Milk (Chocolate) in Pouches, Curd, Flavoured Yogurt, Ghee, Butter &
- Paneer)
 Milk Processing Plant
- · Milk Product Butter, Ghee, Ice Cream
- Milk Product Cheese
- Milk Products
 Milk Toffee Manufacturing
- Mineral Water Bottling Plant
- Mineral Water in PouchesMini Flour Mill (Disk Type)
- Mini Sugar Plant
 Mishri (Sugar Candy)
 Modern Basmati Rice
- · Modern Bread & Bakery Unit (Bread, Buns, Rush)
- Modern Bread & Buns (Bakery Unit)
- Modern Chilly Powder
- Modern Rice Mill
 Modified Potato Starch
- Modified Starch
- Mushroom Growing &
 Processing with Air Conditioning
 Mushroom Growing and Processing (By Deep Freezing Method)
- Mushroom Processing and
- Canning
 Mustard Oil
- Mustard Oil Mill
 Namkeen (Dalmoth, Bhujia, Chanachoor)
- Neem Oil from Seeds
- Non-Dairy Whipping Cream
 Nursery Farms
- · Nursery for Producing Tree-Sapling
- Oleoresin from Chilly
 Oleoresin of Spices
- Onion & Potato Powder
- Onion Powder Orange Juice Plant with Cold
- Storage Facility and Captive Power Plant
- Organic Food Packaged Drinking Water with Pet Bottles (1 Ltr) (Automatic
- Plant) Packaged Drinking Water with Pet Glasses (250 Ml.) Automatic
- Plant
- Packaging of Tomato Paste • Pan Chatni
- Pan Masala & Gutka
- Pan Masala in Pouch & Tin Pack
- Sada, Meetha, Zarda
 Pan Masala in Pouch and Tin Pack, Sada, Meetha, Zarda &
- Kimam Pan Masala in Pouch Pack
- Pan Masala Khaini, Gutka, Supar Baha Zafarani Type
- Pan Masala, Gutka & Pouch Making Plant

 • Pan Masala, Gutka, Sweet
- Supari, Chewing Tobacco & Khaine
- Paneer from Soya Milk
- Papad & Bari
 Papad & Bariya
 Papad Plant (Automatic)
 Papad Plant (Imported/
- Automatic)
- Parboiled Rice Mill Parboiled Rice Mill with Rice & Corn Flakes
- Particle Board from Bagasse
 Particle Board from Cotton Stem Particle Board from Rick Husk Particle Board from Saw Dust
 Pasteurised Milk & Cheese Mfg

- Pasteurised Milk Packing
- Potato Powder & Flakes
 Photocopier Cleaning Web (Non) Woven)
 • Pickles
- Pickles (Various Types)
- Pickles (Vegetarian & Non Vegetarian)
- Pickles Murabbas (Veg. & Non
- Veg.)
 Pickles, Murabbas, Sauces &
- Squashes
 Pig Farming
 Pig Farming with Pork
- Processing
 Pig Meat Processing (800 Pig/
- Day)
 Piggery Meat Processing
- Piggery/Meat/Chicken
- Processing

 Pine Apple Slice Canning
- Pineapple Base Beer, Wine &
- Whiskey Pineapple Juice Manufacturing &
- Canning
 Poha (Chiwra)
- Pork Processing & Pig Farming
- Pork Products
 Potato and Onion Flakes
- Potato Chips
 Potato Chips & its By-Products
- Potato Chips (Imported Machine) Potato Chips Automatic Plant
 Potato Chips in Different
- Flavours Potato Chips/Wafers (Different Types of Recepe & Flavours)
 Potato Chips/Waffers
 Potato Flakes

- Potato French Fries
- Potato Granules
 Potato Powder
- Potato Powder
 Potato Powder (Automatic)
 Potato Powder (Imported Plant)
 Potato Powder (in Low
- Investment)

 Potato Powder, Flakes & Pellets

 Potato Powder, Flakes and
- Granules with Cold Storage

 Potato Powder, Granulated and
- Flakes
- Potato Starch Potato Wafers (Imported Plant) Poultry & Poultry Farm with
- Hatchery Poultry Farm (Cap: 100000 Birds
- Annum) Poultry Processing (Processed
- Meat)
 Poultry Processing Plant
 Poultry Project
- Broiler Farm,
 Broiler Processing, &
- Poultry Feed
 Pre- Gel Starch from Maize Starch (Drilling Grade)
- Preservative Free Jam (Fruit Spreads) and Organic Jam Making
- Processed & Dehydrated Gherkins Processed Food & Spices
- Processed Fruits & Vegetables
 Processing & Packing of Snack Food
- Processing of Food Grain/Pulse and Retail Packaging Production of Date Syrup, Date Paste, Date Jam & Date Food
- Rabbit Farming
- Ragi Biscuits Ready to Eat Food (Retort Packaging) Vegetable Pulao, Dal Makhani, Palak, Rajmah, Potato
- Pea & Mutter Mushroom Rectified Spirit, Extra Netural Alcohol (ENA) Red Chilli Powder
 Refined Oil (Cotton Seed Oil.

Groundnut Oil and Sun Flower

Oil)
• Refined Oil (Cotton Seed.

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

- Ground Nut, Sunflower) Refining of Crude Soya Bean and
- Palm Oil
- Refining of Edible Oil
- Rice & Corn FlakesRice Beer
- Rice Flakes (Poha)
- Rice Flakes from Broken Rice
 (Used in Beer Industry)
 Rice Mill, Rice Bran Oil with
 Captive Power Plant (Integrated) Unit)
- Rice Milling Plant
- Rice Noodles
- Rice Polishing & Packaging in Pouches
- Roasted & Fried Dry Fruits, Grain, Grams, Peas (in Pouch)

 Roasted/Salted/Coated
- Cashewnut, Peanuts, Almonds
- Roasted/Salted/Masala Cashew Nuts, Almonds & Snack Food
- (Roll & Ball Type)
 Roller Flour Mill (Atta, Maida & Suji)
- Roller Flour Mill (Maida & Suzi)
 Roller Flour Mill (Mini Flour)
- · Saccharine (Both Soluble &
- Insoluble)
- Salted Cashewnut Processing
- Sattu Manufacturing Seed Grading/Processing
- Semi Automatic Plant for Toffee
 Shitake Mushroom
- Shrimp Farming (Prawn
- Breeding in Sea Water) Silver Coated Sugar Balls
- Skimmed Milk Powder
 Slaughter House
 Snack Food (Crax Type) Roll &
- Ball Type Soda Water Bottling Plant
- Soda Water in Plastic Pouches
- · Soft Board & Hard Board from
- Coir Dust
- Soft Drink (Aerated Water)
 Soft Drink (Carbonated)
- · Soft Drink (Cola, Orange, Lemon, Mango, Pulp, Ginger, Clear Lemon, 7up Type)
- Soft Drink Concentrate
 Softv Ice Cream
- Softy Ice Cream Cones
- (Automatic Imported Plant)
 Solvent Extraction Plant (Oil
- Cake Based)
- Sorbitol
- Sounf Supari (Elaichi Flavour)
- Soya Been Milk From Soya
- Soya Products
- Soya Protein
- Soyabean Bariyan (Automatic) · Soyabean Meat
- Soyabean Oil from Soyabean
- Seed & Cattle Feed Soyabean Product (Soyabean Oil,
- Soya Paneer, Soya Extract) Soyabean Products
- Spice & Allied Products
- Spice Oleoresin (Chilly Oil) By Super Critical Process
- Spice Oleoresin (Ginger) Spices
- Spices (EOU)
- · Spices (Garlic Base Spices with
- Packing in Bags)
 Sponge Gourd Processing Unit
 Starch & Allied Products from
- Maize · Starch & Allied Products from
- Maize With Co- Generation
 Starch & Liquid Glucose from Maize
- Starch & Starch Derivatives (Starch, Glucose, Malto Dextrin, High Maltose Syrup & Powder, Dextrose Monohydrate, Dextrose
- Anhydrous & Sorbitol) Starch & Starch Derivatives with 4 MW Co-Generation Plant
- (Starch, Glucose, Malto Dextrin, High Maltose Syrup & Powder,

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- Dextrose Monohydrate, Dextrose
- Anhydrous & Sorbitol) Starch (A & B)
- Starch from Maize
- Starch from Tapioca
- Strawberry Jam Sugar Candy (Bombay Mishri Type)
- Sugar Candy (Mishri)
- Sugar Candy (Pearl Type)
 Sugar Cane Juice in Tetrapack
- Sugar Cane Juice Preservation
- Sugar Coated Cashew Nuts,
- Almonds, Peas
- Sugar Cubes
- Sugar Mill with Bio-Ethanol from Molasses
- Sugar Mill, Distillery & Power Plant
- Sugar Pellets
- Sugar PlantSugar Plant with Co-Generation Power Plant and Greenfield
- Sugarcane Cultivation Sugarcane Juice Preservation
- Sun Flower Oil
 Sun Flower Seed Oil
- Sunflower Cultivation with Sunflower Oil Production
- Sunflower Oil
- · Supari (Sweet) (Betel Nut)
- Sweet Scented Supari
 Tamarind Juice Concentrates
- Tamarind Juice PowderTamarind Kernel Powder
- Tamarind Pulp
- Tamarind Pulp from Tamarind
 Tamarind Seed Decorticating & Powder Starch Making
- Tea Bag
- Tea Bag (Dip-Dip T ype)
- Tea Packaging Industries
 Tea Packaging Industry

- Tea Packaging Unit
 Tea Processing & Packaging
 Tejpatta Oil from Tejpatta

- Tissue Culture (100% EOU)
 Tobacco Creamy Snuff
 Toffee, Candy & Milk Chocolate
- Tomato Product Manufacturing
 Tomato Pulp
- Tomato Paste
 Tomato Paste & Purees
- Tomato Paste (Tomato
- Concentrate)

 Tomato Powder
- Tomato Processing for
- Concentrate Ketchup
- Tomato Processing Unit
 Tomato Product in Pouch (Sauce, Ketchup)
- Tomato Products (Tomato Juice,
- Tomato Puree, Tomato Ketchup)

 Trading Business (Rice, Salt, Dry Fruits, Etc.)

 Tuty Fruity from Papaya
- Upgrading of Salt
 Turmeric Powder
- Vanaspati Ghee
- Vegetable Margarine Plant
 Vegetable Oil (Refined)
- Vinegar
- Virgin Coconut Oil
- Vanaspati Ghee (Hydrogenated
- Vegetable Oil) Vermicelli
- · Vermicelli, Noodles and Cherry (Tooti Fruity)
- · Vitamins & Minerals Enriched Vitamins & Minerals Enriched
 Various Designed Corn Flakes
 Vodka from Potatoes
 Washing of Ginger
 Waste Oil Recycling

- Wheat Flour Mill
- · Wheat Germ Oil Wheat Puff
- White Oat Processing Whole Spice Processing (Cleaning, Grinding &
- Packaging)
 Wine, Brandy, Whisky & Champagne
 • Yeast from Molasses

- Yogurt in Plastic Cups
- Zarda of Various Grades
- Zarda, Kimam No-60, 120, 160, 240, 300 & 400
- Zarda, Kimam, Tobacco
 Zarda-Zafrani Baba Chhaap GLASS, FLAT GLASS, AUTOMOTIVE GLASS, OPTICAL GLASS, GLASSWARE INDUSTRY, CERAMIC, INDUSTRIAL CERAMICS PRODUCTION,
- · Acrylic Mirror
- REFRACTORY Ceramic (Porcelain) Insulator
 Ceramic Foam Filters
 Ceramic Foam Filters (Metallic)
- Based) Ceramic Glazed Tiles
- Ceramic Hotel Ware (Bone)
- China) Ceramic Media
- Ceramic Thread Guide Ceramic Unit
- · Conversion of Industrial Vitrified Tiles Into Commercial Vitrified Tiles
- Fibre Glass
- Flat Glass & Float Drink Glass · Float Glass
- · Float Glass (Automatic Plant) Glass Ampoules (Distilled)
- Glass Bangles & Glass Pressed
- Wares
- Glass Beeds
- Glass Bottle
 Glass Bottle for Beer
- Glass Bottles for Wine Glass Bottles Using Broken
- Glass
- Glass Factory for Glass Block
 Glass Fensiky & Specific Gravity Hydro Meter
- Glass Manufacturing (Security Glass, Window Glass, Glass Basin & Elevation Glass)

 Glass Marble
- Glass Reinforced Concrete
- (G.R.C.) Glass Round Balls
- Glass Sheet Glass Sheet (Automatic Plant)
- Glass Sheet for Window
- Glass Sheet for Window Panes
 Glass Ware Drinking Water
- Glass Wool
- Glazed Ceramic Tiles
- · Granite Slab & Tiles
- High Alumina Ceramic
 Hot & Cold Fusion of Glass
- Laminated Safety Glass
 Magnesite Bond Polishing
 Bricks, Resin Bond Polishing Brick & Resin Bond Final Polish
- for Marble & Granite
 - Mirror Colouring (Pink, Black,
- Golden, Silver)

 Mirrors (Silver, Golden, Pink, Black and Yellow Colour)
- Non Glazed Ceramic Tiles
- Optical Glass
- Optical Lenses
- Safety Glass
- Sheet & Figured Glass (Rolled & Kohi Burn Process)
 Sheet Glass / Float Glass
- Automatic Plant
- Tempering/Toughening of Flat Glass
- Toughened Glass Watch Glass HERBS AND HERBAL BASED PRODUCTS, AYURVEDIC MEDICINES, HERBAL EXTRACT, NATURAL PLANT EXTRACTS, AYURVEDIC PHARMACY, AYUR VEDIC PRODUCTS, HERBAL MEDICINE, HERBAL

COSMETICS

Aloe Vera gelAloe Vera Gel & Powder

- Aloe Vera Cultivation &
- Extraction AloeVera Gel. Juice and Powder
- Aromatic Perfumery Compound
- Aromatic Plants Cultivation & Processing
- Ark Ajawain, Pudina, Saunf & Gulah
 - · Aromatic Herbal Shampoo
- Ayurvedic/Herbal Pharmacy
 Ayurvedic Churan & Tablets
- · Ayurvedic Pain Balm Ointment Ayurvedic/Herbal Pharmacy
- Ayurvedic Dantmanjan (Red Colour) Dabur Type
- Ayurvedic Gamaxine (Using Red Moong)
- Ayurvedic Pain Balm (Yellow & White) Zandu Type Ayurvedic Pharmacy (Capsules,
- Liquid Oral, Ointment, Powder, Injection) · Ayurvedic Raw Material from
- Mercury

 Ayurvedic Sharbat
- Ayurvedic Tablets (Hajmola
- Type) Cardamom Oil
- Citronella Oil Clove Oil
- Coleus Forskohli Extract
 Extraction of Methi Seeds (Fenugreek)
- Hair Dyes (Henna Based)Hair Dyes (Henna Based) Four Colour
- Henna Paste
 Henna Paste (Self Life 6 Months)

- Henna Powder Repacking
 Herbal Cigarette
 Herbal Extract Herbal Formulation (Herbal
- Plant) Herbal Concentrate in the Manufacturing of Herbal Drugs & Concentrate
- Herbal Cosmetics
 Herbal Hair Oil
- Herbal Hair Oil (Banphool Type)
- Herbal Kumkum (Roli)Herbal Medicinal Plants
- Cultivation & Processing
- Herbal Natural Essential Oil Herbal Plantation (Medicinal)Herbal Shampoo & Cream
- Herbal Tooth Paste & Tooth Powder Herbs Plantation & Processing
- Integrated Unit Herbal Hair Oil, Herbal Cosmetic, Ayurvedic

and

Natural

- Pharmacy Kali Mehandi
- Lily Essence
- Medicinal Plant Extracts
- Menthol Crystal from Menthol Oil
 Patchouli Oil Perfumery Chemicals Synthetic
- 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
- · Air Taxi (Rental) Amusement Park
- Amusement Park Cum Water Park · Banquet Hall Cancer Hospital
- Cancer Hospital (Treatment & Research Institute) Cinema Hall
 Club with 4 Star Hotel

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

- Cold Storage
- Diagnostic Centre
- DispensaryEye Hospital
- Fast Food Parlor
 Five Star Hotel
- Five Star Hotel (Deluxe)
- Five Star Hotels with Shopping Mall, Health Club, Water Park, Amusement Park, Golf Course &
- GolfAcademy, Cottage & Open air Theatre
- Five Star Hotels, Business Center (Shopping Centre) PVR, Health Club & Banquet Hall
- Five Star Hotel & Shopping Mall
- Food Parlour
- Games Parlour
 Golf Course
- Green House
- Health Club, Beauty Parlour
 Holiday Resorts cum
- Entertainment Club, 4 Star Hotel
- Holiday Village ResortHospital (20 Beds)Hospital 300 Beds to 700 Beds
- with Teaching Facility
- Hotel
- Hotel 5 Star, 3 Star, · Hotel/Small Motel
- · Holiday Resort
- Hospital
- Hospital
 Hospital with Teaching Facility
 Hotel 3 Star (With Out Liquor) Bar)
- Hotel (Small Hotel with Banquet Halls, Restaurant and Catering Facility)

 Hotel with Discotheque
 Hotel/Small Hotel

- Ice Cream Parlour Kids Entertainment Cum Food Center (Restaurant) at The Mall
 Market Complex

- Multiplex Cinema Hall with Shopping Mall
- Motel/Small Hotel with Banquet
- Hall, Restaurant & Catering

 Multiplex Cinema Hall, PVR with
- Shopping Centre Multistoried Commercial
- Complex · Multiplex Cinema Hall, PVR with Shopping Center
- Multispeciality Hospital
 Multistory Residential Complex
 Nature Care Centre
- Nursery SchoolNursing Home
- Old Age Home, Orphan Children Hall & Dharamshala
- Out Door & Indoor Entertainment
- Centre
 Pediatric Hospital 25 Beds
- Pharmaceutical College (B-Pharma & DPharma)
- Recreation and Health Club
- Residential Apartments
 Restaurant/Fast Food Parlour
- Regional Television Channel
- (Multi Lingual News-Cum Entertainment Cum Sport-Cum-Educational Channel)
 • Residential Township (Villas with
- Swimming Pool, Shopping Arcade, EWS Houses)
- Restaurant
- Safari Park
- Satellite Broad Casting Channel
- Satellite Broad Casting Channel
 Shopping Mall with Four Screen
 Multiplex & 3 Star Hotel
 Small Hotel/Motel, Party Room
 Restaurant, Fast Food Parlour & Banquet Hall
- Super Market (Commercial Market)
 • Three Star Hotel
- Video Film Studio
- Ware House

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- Water Park
 - INKS & STATIONERY PRODUCTS
- Ball Pen Ink Remover

- Ball Pen Manufacturing
- Ball Point Ink
- Ball Point Pen RefillsChalk Crayon Industry
- Colour Wax Crayons
 Computer Stationery
- Dust Free Chalk Made By
- Calcium Carbonate

 Exercise Note Book, Register, Pads
- Flexo Graphic Ink
- Flexo Gravure Printing Ink
- Flexographic Ink
 Hologram Sticker 3D
- Indelible Election Ink (from Silver Nitrate)
- Ink for Hot Stamping Foil
- Lead Pencils
 Oil Soluble Ink
- · One Time Carbon
- Painting BrushPlastic Files & Its Smaller
- Components Printed Envelopes with Window &
- without Window in Single Colour & Multi Colour
- · Printing Inks
- School Chalk
 Screen Printing Ink
- Slate Pencils
- · Solvent and Water Based Inkjet Inks
- Stamp Pad & Stamp Inks
- Staple Pin
 Straw Board Slates
- Tailors Chalk
- Toner Ink for Xerox Machine

• Wax Crayon JUTE & JUTE BASED PROJECTS

- Gunny Bags (Jute Bags)
- Gunny Bags from Jute
 Jute Mill with Spinning &
- Weaving
- Jute Ropes/Sutli
 Jute Shopping Bags
- Jute Tarfelt
- Jute Twine (Jute Rope) Cum Gunny Bag Mfg. from Raw Jute Particle Board from Jute Stick Paper and Paper Board from Jute
- · Mini Paper Plant from Jute

MECHANICAL, ENGINEERING, AUTOMOBILE INDUSTRIES, METAL, METALLURGICAL, S.S. UTENSIL, WIRE, ALUMINIUM, BRASS, COPPER PRODUCTS, LPG CYLINDER
AND VALVES

- ·A.P.I. Tubes
- Activated Alumina
 Activated Alumina Balls
- Agriculture Implements
- Air Cooler
- Air Filter for All Type of Auto Vehicles
- · Air Pressure Gauge (Dial Gauge)
- Alloy Steel Casting
 Alloy Steel Long Product Market
- & Alloy Steel Seamless Pipes
- Alumina from Bauxite (Bv Calcinations
- Process)
 •Alumina from Gibsite Variety
- Alumina Refinery
 Alumina to Aluminium & Mfg. of Profiles
- Aluminium & Copper Cable Lugs Aluminium Aerosol Cans Aluminium Alloy
- Aluminium Alloy from Scrap & Virgin Metal
- Aluminium Alloy from Virgin Metal/ got/Billet
 Aluminium Angles, Channels,
- Doors & Windows · Aluminium Beverage Can Making
- Aluminium Beverages Cans
 Aluminium Blind, Rivets & Metal

- Aluminium Bottle Caps Aluminium Bottles (Cold
- Extrusion of
- Aluminium)
 Aluminium Building Hardware · Aluminium Cans for Brewery
- Industry
 Aluminium Caps
- Aluminium Channels, Beading & Pipes
- Aluminium Circle
- Aluminium Cladding (Construction)
- Aluminium Collapsible Tubes Aluminium Collapsible Tubes (Printed)
- Aluminium Containers
- Aluminium Extrusion
- Aluminium Extrusion for Pipe Accessories & Building Hardware
- Aluminium Extrusion Plant Aluminium Finished Articles (Job Work)
- Aluminium Foil
 Aluminium Foil Container
- · Aluminium from Alumina
- Aluminium Furniture
 Aluminium Gravity Casting
 Aluminium House-Hold Utensils
 Aluminium Ingots from Aluminium
- Scrap Aluminium Ingots from Bauxite
 Aluminium Ingots from Used
- Beverage Cans
- Aluminium PaintAluminium Powder
- Aluminium Power Cables
 Aluminium Pressure & Gravity
- Die Casting

 Aluminium Pressure Die Casting

 Aluminium Printing Plates for
- Offset Printing Machine
 •Aluminium PS (Pre-Sensitised)
- Plates Aluminium Secondary Billet
- Casting
 Aluminium Secondary Billet
- Casting Plant

 Aluminium Sheet, Circles & Vessels
- Aluminium Slug (used for Collapsible Tube Containers)
- Aluminium Utensils
 Aluminium Utensils & Circles
- Aluminium Wire Drawing Aluminium Wire Drawing & Super Enameling for Winding
 Aluminium Wire Drawing & Wire
- Mesh
- · Aluminum Rolling Mill
- Assaying Gold
 Auto Brake Liner
- · Auto Bulb / Lamp
- Auto Control Cables
 Auto Head Light
- Auto Leaf Spring
 Auto Wires for 3/2 Wheelers
- Automatic Ignition Coil
 Automatic Nut & Bolts Plant
 Automatic Vending Machine for
- Hot & Cold Beverages

 Automised Aluminium Powder Automobile (Four Wheelers)
- Automobile Battery
 Automobile Brake Shoe
- Automobile Bushes Automobile Gaskets Automobile Gear
- · Automobile Industry (Four Wheelers) Automobile Parts (Maruti
- Vehicles)

 Automobile Piston Rings Automobile Products
- (Processing Metal & Auto Part)

 Automobile Radiators Automobile Tyre for Bus, Truck & Lorry · Automobile Tyre, Tubes & Flaps

- Automotive Filters
 - Automotive Tyre Plant
 - Automotive Tyre Plant for Car & Trucks
 - Automotive Wiring Harnesses
 Ball Bearing
 Ball Bearing Industry

 - Battery for Auto Vehicles
 Battery Plate Battery Plate & Assembly
 - Beneficiation of Chromium. Nickel & Manganese Ore
 - Beneficiation of Manganese Ore
 Bentonite (Quarrying,

 - Processing & Exporting)

 Bentonite Processing

 Bicycle Assembly

 - Bicycle Chain
 Bicycle Manufacturing Bicycle Plant
 - Bicycle Rim
 Billets from Steel Scrap By
 - Billets from Seel Scrap by Electric Furnace
 Bimetal Bushes with Powder Based Metallurgy
 Billetallic and Sintered Bushes
 Black and Annealed Wire

 - Black Bar to Bright Steel Bar
 - Black Pipe Galvanizing Plant
 Body Building (Truck & Bus)
 Brass & Aluminium Hinges

 - Brass and Copper Tube
 Brass Casting Pollution Control
 Brass Door, Window Fittings

 - Brass Dool, Wildow Fittings
 Brass Novelty
 Brass Pressure Die Casting
 Brass Rolling Sheets
 Bright Bar (S.S.)
 - Bright Bars
 - Building Hardware of Aluminium
 Bus Body Building
 - Butt Welded Carbon Steel Fittings & Steel Flanges
 C.I. Casting (Foundry) By

 - Induction Furnace C.I. Casting Foundry
 - C.N.G. Cylinders (Storage for
 - C.N.G. Gas)
 C.P. Bathroom Fittings
 - Cable Creeping Lugs, Socket & Cable Creeping Tools Calcined & Activated Alumina
 - Calcined Bauxite Calcined Bauxite Through Rotary
 - Kiln Calcite Alumina Powder
 - Carbide Tips/Inserts/Indexable Carbon Brush, Brush Holder
 - Slipring

Cast Iron

- Carbon Brushes
 Carbon Fiber Composites Carburetor
- Cargo Containers (for Ship & Train) Cast Aluminium Strips and
- Ingots
- · Cast Iron & S.G. Iron Castings Cast Iron Earth Pipes with Flanges
- Ceramic Foam Filters (Metallic Based)
- Chains (Bicycle, Scooter, Motorcycle, Moped)
 Chemical Etching of Stainless
- Steel Chromite Benefication Plant Clean Room (Modular Panels)
- for Pharmaceutical
 Clutch Lining for Four Wheeler
 Clutch Plate for Two Wheeler
 Clutch, Clutch Plate & Assembly
 for Four Wheeler
- Cold Rolled Pressed Steel
- Doors & Windows Cold Rolled Stainless Steel Plant
- Cold Rolling of M.S. Strips/ Sheet Cold Rolling of Steel Strips
 Composite Carbon Fibre
- Composite Container Composite Steel Re-Rolling Mill
 Concentrated Manganese Ore

 Automobile Work Shop/Garage & Service Station : Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact NIIR PROJECT CONSULTANCY SERVICES 106-E, Kamla Nagar, Delhi-7, Ph.:91-11-23843955, 23845886, 23845654, Mob.: 9811043595 Fax: 91-11-23841561, E-mail: npcs.india@gmail.com, Web.: www.entrepreneurindia.co

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- Production
- Continuous Copper Rod (CCR)
- from Copper Scraps
 Continuous Electro Galvanizing
- Cold Dip Process of Steel Strip
 Control & Precision
- Instrumentation
- Conveyor Roller/Idlers Cooling Tower
- Copper Flats & Copper Tubes
 Copper Foil
- Copper Powder
- Copper Powder & Aluminium Powder
- Copper Rod Casting (Wire
- Drawing and Enameling)
 Copper Rod from Copper Scraps
- Copper Strip Coils from Scraps
 Copper Utensils
- Copper Wire Bars or Rods from
- Copper Scraps
 Copper Wire Drawing
- Copper Wire Drawing &
- Enamelling
 Copper Wire Drawing From
 Higher Size to Very Thin Size,
 used in Electrical Cables
- Copper Wire Drawing, Anealline & Enamelling

 Corrugated Galvanized Sheet

- Crucibles from Fire Clay
 Cycle & Van Tyres & Tubes
 Decoiler and Sheet Shearing Plant
- Diamond & Gem Cutting/ Polishing (All Automatic
- Machinery) Diamond Blade
- · Diamond Tools & Wheels
- Die Making for Sheet Metal Working

 Diesel Engine Repairing

 Diesel Generating Set

- Different Types of Fire Extinguishers
- Disposable Needles & Syringes
- Drip Irrigation System
 Drum & Barrels (35 To 200 Ltrs.)
- Ductile Iron Fittings (Ductile Malleable /Nodular/ Spheroidal Casting)
- E.R.W. Steel Conduit Pipes
 Earth Moving Equipment
 Electric Arc Furnace

- Electrical Stamping
 Electronic Horn for Automobile
- Enameled Copper Wire
 Epoxy Coated TMT Bars
- Epoxy Coated TMT Rebars
- ERW Galvanized Steel Pipes
 ERW Steel Pipes
- Fastener (Automatic Cold Forge
- Process)
- Fasteners (Hex- Head Bolts & Nuts)
- Fasteners (Nuts Bolts, Rivets & Washers
- Fasteners (Nuts, Bolts, Rivets)
 Ferrite Magnets
 Ferro Alloy (Fe-Si, Fe-Mn, Si-Mn)
- Ferro Alloys (Ferro Manganese, Silico Manganese, Ferro Silicon) Based on Aluminothermic
- Process • Filter (Micro Filter Inserts for
- Automobile)
 Filter for All Vehicles
- Fin Type Heat ExchangerFire Extinguisher
- Fire Extinguishers (Different Types)
- Fire Fighting Equipments Flush DoorsForging on Open Die Hammers

- Forging Unit
 Forging Unit (General)
 Foundry Sand (Non Ferrous)
- Metal) G.I. Pipe Fittings
 G.I. Sheet (Plain & Corrugated)

- G.I. Wire from H.B. Wire
 Galvanised Iron Strips

- · Galvanising of Cans for Gardening
- · Galvanising of Zinc (Electrical Process)
- · Galvanising of Zinc (Hot-Dip Process)
- Galvanising Plant
- Garden Tools & Fencing Accessories
- Gas Detectors of L.P.G
- Gas Welding Torch & Nozzles
 Gold & Platinum Jewellery
 Manufacturing with Die-Casting
 Gold Jewellery (100% EOU)
 Graphic Carbon Plate
 Graphic Carbon Plate

- Graphite Carbon PlateGraphite Crucibles
- Graphite Electrode for Arc Furnace
- Grinding Media Ball
- Hand Pump Mark-II UnitHand Tools (E.O.U.)
- Handle for Bucket
- Helmet
- Hospital Bed
- Hot Dip Galvanizing
 Hot Plate Rolling Mill
 Hot Roll Steel Bar Mill
- HR/CR Rolling Stainless Steel
- Plant
- Hydraulic and Pneumatic Items
 Hydraulically Regulated Doors
 Closer (Everest Type)
- Ilmenite Beneficiation
 Induction Furnace Re-Rolling
- Induction with Hot Rolling
- (Concast) and Structure
- · Industrial Pump (High Capacity) Industrial Valve
- Integrated Melting & Rolling Mill
- Integrated Steel Plant
 Intermediate Bulk Containers
- (I.B.C) Investment Casting
 Iron Based Sponge Iron to Billet
- to Rod
 Iron Ore Pelletization
- Iron Ore Pelletization Plant
 Iron Ore Pelletization with Beneficiation
- Iron Powder (Cast)
 Iron Powder from Mill Scale
- Scrap
- Jali for Fan [Fan Gaurd] [Metalic] Automatic Plant
- Kitchen Sinks (Stainless Steel)
 Kudali, Fawra, Gaiti, Belcha
 L.P.G. Cylinder & Regulator
- L.P.G. Cylinders
 L.P.G. Regulators (Domestic
- Purpose) L.P.G. Stove
- Laminated Tube (Multilayer) · Lead Metal from Lead Ore
- Link Chain
- Locks (Aligarh Type)
- Longitudinally Submerged Arc Welded Pipes (L Saw Pipes)
- L-Saw Pipes M S Ingots Using Induction
- Furnace
- M.S. and S.S. Weld Mesh M.S. Barrels (Metal Barrels)
- M.S. Binding Wires
- M.S. Hinges
 M.S. Ingots (Mini Steel Plant) 5 MT Induction Furnace
- M.S. Pipe from Strips M.S. Tubes and Pipes (ERW &
- HFIW)

 M.S. Winding Wire & Anealing
- Magnet
- Material Handling Equipments
- Measuring TapesMechanical Toys
- Metal Container for Packaging Metal Drums & Barrels 25 To
- 200 Liters Metal Fabrication Unit Based on
- Water Jet Cutting Machine

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Metal Hardening
 Metallic Drum (Used for Oil

- Storage)
- Micro Filters for Automobile
 Micro Irrigation System
- Mild Steel Flat Bar, Square
- Pipes & Tubes

 Mild Steel Ingots from Iron Ore

 Mild Steel Rolled Products
 (TMT/CTD & MS Round Bars Flats)
- Mild Steel Welding Electrode
 Mini Steel Plant Steel Long
- Products TMT Bar, Flats, Angles, Channel & Gutters Mini Steel Plant (25-T UHF Electric Arc Furnace & Hot
- Rolling Mill)
 Mini Steel Plant (Ingot from Ore)
 Mini Steel Plant with Production
- of Bar
- Muffler & Silencer Pipes for Four Wheelers Multivalves used in Auto L.P.G.
- Tanks
- Needle for Sewing Machine
- Non Stick Cookwares
- Non-Stick Kitchen Ware
 Nut & Bolts (Cold Formed Steel
- Fasteners) Nut and Bolts (Mild Steel)
- Nuts and Bolts (MS & HT)
- Oil Seals Open Top Sanitary Cans for Food, Pesticides, Paint
- Oxygen Lancing Pipes
 P.P. Caps (Aluminium)
- Pad Locks/Door Locks
- Pig IronPilfer Proof Caps
- Pilfer Proof Crown Caps Piston Assembly (Aluminium)
- Alloy) Piston for Internal Combustion
- Engine Piston-Rings for IC Engines
- Plant Protection EquipmentPlastic Cladded Aluminium
- Squeeze Tube

 Plastic Injection Moulding Plant
- for Autoparts Pre Painted Coloured Corrugated Galvanized Roofing
- Steel Sheet
 Pre Painted Galvanized Roofing Steel Sheet (Plain and
- Corrugated) • Pre Tensioned, Pre Stressed
- Railway Sleepers
 Press Steel Doors & Window
- Pressure Cooker
- Pressure Die-Casting
 Printed (Multi Colour) Tin
- Container (Air Tight)
- Printed Tin Containers Printing Ink
 Printing Ink
 Radial Tyres for Cars & Trucks
 Railway Air Break
 Razor Blade

- Refined Oil (Cotton Seeds Groundnut Oil & Sunflower Oil) Refrigeration Strand Various
- Model Reinforcement Bars or Tor Bars
- Re-Rolling Mill for Sayria & Twisting Rod
- Re-Rolling Mill for Tor Steel
- Resin Cored Soldering Wire
 Rice Bran Oil Solvent Extraction Plant with Refinery
- Rice Huller
- Rivets (Clutch Facing/Brake Linings) Rock Drill Bits
- Rolling Mill with Furnishing Plant
- Rolling, Bearing & Forging of Outer Inner Rings Rubber Auto Parts
- Rubbing Compound for Automobile
 • S.G. Iron Casting & Melleable
- S.S. Alloy Steel Casting
 S.S. Bright Bars & Wire

Iron Casting

- Mfg.(Cold Drawn Process)
- S.S. Cutlery
- Safety Helmet
- Safety Pin, Paper Pin, Gem Clips
- Sandwiched Bottom (Al-Alloy & S.S.) Utensils
- Seamless M.S. Tube & Pipes Seamless Tubes
- Selenium Coated Aluminium
- Drum used in Plain Paper Copier
 Self Taping Steel Screws
 Sewing Needles (for use with
- Domestic / Indl. Sewing M/c.)
 Sheet Metal Press Shop
- Shovel
- Silencer for Auto Vehicles
 Silencer for Two and Three
- Wheelers
 Silicone Metal
- Sintered Bearing
- Sintered Bushes
 Sintered Metal Auto Components
- Solder Wire & Flux
- Sponge Iron
- Sponge Iron with Captive Powe
- Plant (Agro Based)
 Spring Washers
 Stainless Steel Cutlery
- Stainless Steel Fastener
- (Washer 100% EOU) Stainless Steel Sheet Rolling &
- Manufacturing of S.S. Utensils Stainless Steel Tube
- Stainless Steel Tubes & Pipes by Extrusion and Pilgering Process
 Stainless Steel Tubes/Pipes
- Stainless Steel Utensil
 Stainless Steel Wire Drawing
- Steel Balls for Ball Point Pen
- Steel Bars (Range 6 mm To 32 mm)
- Steel Casting for Railways
- Steel Containers Steel Drums and Barrels
- Steel Fabrication Unit Steel Forging for Automobile
- Parts
- Steel Furniture Steel Ingot (Furnace)
- Steel Plant Steel Plant (Blast Furnace)
- Steel Re-Rolling Mill (Steel Roof & Coil from Scrap)
- Steel Rolling Mill Steel Safety Pins
 Steel Shot/Steel Grits
- Steel Structure Unit
- Steel Tubes & P.V.C. Pipes Steel Wool
- Steel/Iron Pellets
 Stitching Wire
- Structural Steel Submerged Arc Welded Pipes
 Submersible Pump Manufacture
- Super Enamelled Copper Wire
- Surgical SutureTaper Roller Bearing
- Thermocole Three Wheelers Manufacturing
- TMT Bars, Sariya Torch & Tri-Light Unit (Integrated Plant)
- Transmission Tower & Tele Communication Towers with
- Galvanizing Plant Tripod Stands, Tables & Chairs (100% E.O.U.)
 Tube Making for Umbrella
- Tyre for Three Wheelers & Medium Size Four Wheelers
- · U Bolt & Centre Bolt for Auto leaf Springs

 • Vacuum Metalising Process
- Vacuum Thermoflask Valve Guide
- Washerless Faucet (Taps) Watch Case Manufacturing Unit
 Watch Straps/Chains/Belt
- Watch Straps/Chains/Bracelets / Belt (Brass & Steel) Welding Brass Rod
- Welding Electrode
 Welding Electrode with Wire

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

Handicrafts (Cane & Bamboo)
 Hard Board from Saw Dust

Hawan Samagri
 Health Club & Beauty Parlour

Hydrogen Gas from Methanol

Cylinders Mounted on Truck

L.P.G. Cylinder Retesting Unit
 L.P.G. Cylinder Testing Centre

Laminated Particle Board

Leasing Hire Purchase A/C
 Leather Finishing Unit

· Low Ash Metallurgical Coke

LPG Bottling Plant
 LPG Cylinder Bottling Plant
 LPG Storage (Tank Farm)

Marketing Arrangement and Distribution Strategy of Wd-40
 Marketing of Gram Shilpa

Match Box (Manual Process)
Match Box Plant (Automatic)

Medium Density Fiber Board (MDF) Production with

Lamination

Melamine Crockery

Metallurgical Coke Plant Coking

Manufacturing of Coloured Joint Filler used for Jointing Tiles
 Mineral Fillers for Application in Paint, Paper, Rubber, Plastic

Mineral Wool
 Old Age Home, Orphan Children

Particle Board & Block Board

with Sanding and Laminating Petrol Pump
 Photo Lab. Cum Studio (100%)

Computerized)
• Plaster of Paris Bandages

Plywood & Plyboard
 Plywood (Phenol Bonded)

Power Laundry
 Pre Laminated Particle Board

Rehabilitation Centre for Aged &

Rock Wool Based on Slag
 Rubber Wood Processing Plant

Slimming Centre & Health Club
 Snake Park

Sport Shoe (Automatic Imported

Hall & Dharamshala

Paint Brush

Plywood

Puzzles

Needy

Saw Mill

Processing

Straw Board

Stuff Tovs

Sunmica

Industry

Plant)

PVC Joint Fillings
 Q.S.S. Colour Lab

Quering of Lime Stone

Senior Citizen's HomeShellac Manufacturing

Shoe Uppers
 Slaughter House & Beef

Sterilize Bone Meal

Mechanized Laundry

· Leather Tanning (Process Wet

Trolleys using Hydrogen Compressors

International Standard Laboratories

Iron Ore Mining

Local Area Bank

 Laundry • Laundry Unit

Blue)

Plant

Coal

& Bottling of Hydrogen Gas in 6 Cum & 9 Cum Hydrogen

· Heat Chamber Painting

Cum

Cracking

Health Club cum Beauty Parlour

- Drawing
- Welding Fluxes
- Wick Stoves
 Wick Stoves Stainless Steel
- Wind Mill
 Wind Screen Cleaner
- Wire Mesh (Hexagonal Square)
- Wire Nail
 Wire Nail/Wire Drawing
- Wooden Laboratory Furniture
 Zinc and Aluminium Anode
- Foundry Zarine & Oil Industry

 MISCELLANEOUS RODUCTS

 Acetate Tow for Cigarette Filters
- Advertising Agency
 Agarbatti (Sticks)
- Agarbatti Manufacturing (Under KVIC) •Air Taxi (12 Seater)
- Ammonia Gas Bottling Plant
- Amusement Park Amusement Park Cum Water
- Artificial Flowers
- Artificial Flowers (Paper & Cloth)
- Artificial Marble Tiles
- Asphaltic Roofing Sheet
- Auto Workshop/Garage & Service Station
- Automatic Book Binding Unit Automatic Match Box with Match
- Stick Wooden & Waxed Strips
- Bamboo Sticks used for Agarbatti
- Bamboo Tooth Picks
- · Bank (Private Sector)
- Bentonite
- Bentonite (Quarrying,
- Processing & Exporting) Bidi Manufacturing Unit
- Bone Crushing Plant
- Buttons from Cattle Hoves
- Buttons from Hoves & Horns
- Car-Leasing & FinanceCenosphere Processing
- China Clay Washing/Purification
- Chip Block (Compressed Wood)
 Cigarettes Unit
- Coal Mining
 Coal Washing Unit
- Cold Chain
- Cold Storage
 Cold Storage & Ice Plant
- Cold Storage for Fruits & Vegetables
- Cold Storage for Potato & Mahuwa Combine Coke
- Community Hall
 Composite Carbon Fiber
- Cricket Ball, Bat Culinary Institute
 Daily Need Stores
- Decorative Laminated Sheet (Sunmica) Departmental Stores
- Diamond & Gem Cutting & Processing Unit
 Diamond Cutting & Export
- Disposable Cigarette Gas
- Lighter
- Dry Cleaners
- Dry Cleaning and Laundry Unit Dry Dock
- Dry Flowers
 Expansion Joint Filler
- Fast Food Corner
- Fire Fighting Equipment, Chemicals & Refilling
- Fire Works
- Flush Door, Chip Board, Hard Board, Insulating Board • Flush Door, Clip Board &
- Hardboard
- Games Parlour
 Gas Filling of L.P.G. Cylinder
- Gelatin SpongeGems Manufacturing (Original)

- Golf Course
 Graphite Mining & Processing
- Solid & Semi-Solid Doors Tennis Ball

- Tennis Ball (Used In Playing)

· Synthetic Floating to Fishing

Synthetic Ruby and Sapphire
 Teak Wood & Meranti Doors

- Cricket)
- Timber (Wood) Seasoning
- Trading Business (Computer & Related Stationery)
- Trading Business (Import & Export Merchant)
- Trading Business (Rice, Salt, Dry Fruits)
- Trading Business (With
- Packaging Rice, Salt, Pulses)
- Travelling AgencyVenetian Blind
- Video Film Studio
- Ware House Wind Mill
- Wonder Fuel (Gel Type)Wood Chips
- Wood Wool Industry
- Wooden Chips for Supplying to Paper Mills
- Wooden Doors & Frame
 Wooden Doors, Windows,
- Sheets, TV Cabinet
- Wooden Furniture
 Wooden Furniture with Mediocre
- Automation

 Wooden Furniture with
- Seasoning Plant Wooden Needles for Tooth & Wooden Spoon for Ice Cream
- Wooden Tooth Pick
 Wooden Tooth Picks
- Work Shop for Telco Truck

PAPER & PAPER PRODUCTS • A4 Size Paper from Jamboo Rolls

- Absorbent Kraft Paper
- Amonia Paper Baby Wet Wipes & Facial Wet
- Tissue
- Bamboo Chips for Paper Mill
 Carbonless Paper
 Card Board Boxes & Cartons of
- Paper Card Board from Waste Paper Card/Gray Board from Pulp &
- Waste Paper · Carton Boxes (Using Duplex
- Paper Board) · Coated Paper & Board Art &
- Chrom Corrugated Board Box Plant
- (Printed & Laminated)
 Corrugated Boxes
- Corrugated Sheet Board & Boxes
 Craft Paper & Special Paper
 Craft Paper from Waste Paper
- Disposable Paper Plate
 Emery Sand Paper
 Exercise Note Book & Register
- Flexible Cartons, Sticker, Labels
 & Printing with Aluminium Foil
- Flute Paper from Waste Paper
 Hand Made Paper
- Hand Made Paper using
- Recycled Hand Made Paper Hard Board from Baggase
- Kraft Paper & Mill Board from Waste Cartoon Boxes
- Kraft Paper from Waste Cartoon
- Manufacturing of Recycled Paper Products
- Mini Paper Plant
 Mini Paper Plant By Waste Paper
- Mini Paper Plant from Eucalyptus
- Wood Mini Paper Plant from Jute
- Sticks, Wheat Husk & Rice Husk

 Newsprint Paper from Rice
- Straw & Bagasse
- Paper & Paper Products
 Paper (E.C.G. & E.E.G.)
- Paper and Paper Board from Jute Sticks
- Paper Bags for General Use
 Paper Bags for White Cement
 Paper Bags from Waste
- Paper Board
 Paper Board Cartons
- · Paper Cones & Tubes
- Paper Cones & Tubes (Automatic Plant)

- Paper Cups
- Paper Cups for Ice Cream
- Paper Envelops
 Paper from Bagasse
- Paper from Bamboo
- Paper from Rice Husk & Wheat Husk
- Paper from Shoot (Trunk) of Banana Plant
- Paper from Waste Paper
- Paper from Waste Paper,
 Bamboo Chips,Rice & Wheat
- Paper from Wood Pulp &Bamboo Paper Manufacturing Plant (with Pulp from Bamboo, Wood &
- Grass) Paper Mill
- Paper Napkin Toilet Rolls, Facial Tissue & Printed Napkin
- Paper Napkin, Facial Paper & Toilet Roll from Tissue Paper
- Paper Napkins & Air Mail Paper Paper Plant (With Wood Chips & Pulp)
- Paper Plant by Hemp Processing
 Paper Plate with Silver
 Lamination

- Paper Plates
 Paper Shopping Bag
 Particle Board from Saw Dust
- Poly Coated Paper Printed Paper Shopping Bags
- Pulp from Bamboo & Wood
 Pulp from Wood, Bamboo and
- Grass
- Self-Sealing Paper Envelopes
 Silicon Release Paper
- Silicone Coated Paper
- Straw Board (Automatic Plant) from Rice Husk & Bagasse
- Sundried Board from Waste Paper & Pulp
- Tissue Paper
 Tissue Paper, Toilet Paper & Air
 Mail Paper Roll
- Tracing Paper Wall Paper
- Wood Pulp Writing & Printing Paper
 PAINTS, THINNERS, NC
 THINNER, PRIMER, WALL
- PUTTY CaCo3 Filled Master Batches
- High Temperature Thinner
 Industrial Paints
- N.C. Thinner Oil Based Paint
- Paint Industry
 Paints and Allied Products
- · Resins for Nail Polish (Polycondensation
- Resin (Polyster, Alkyds) Epoxy Toyslamide Resin, Solvent Based
- Acrvlic Resin
- Wall Putty
 Water Based Cement Primer Water Based Lacquers

PESTICIDES, INSECTICIDES, MOSQUITO REPELLENTS, PHENYL, FUNGICIDES, HERBICIDES, BIO

- PESTICIDES, DISINFECTANTS
- Aerosol Insecticide Spray
 Ayurvedic Gamaxane (Using Red
- Moong)

 Bagon Aerosol Spray for Mosquito, Insects
- Bagon Spray
 Biopesticide Trichoderma, Pseudomonas, Fluorescens &
- Beauveria Bassiana Black Phenyl (RWC 5-6)
- Copper Oxychloride
 Cypermethrin from CMAC
- D.D.T. Powder Lysol Ip Grade (for Hospital use) Mosquito Coil (Automatic Plant)
- Mosquito Coil and Mats
 Mosquito Coils
- Mosquito Mats and Liquids
- Mosquito Repellant Agarbatti
 Mosquito Repellant Candle

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- · Mosquito Repellant Liquidator
- Mosquito Repellant Mats
- Mosquito Repellant Oil Pesticide Formulation
- Pesticides
 Pesticides/Insecticides
- (Technical Grade)
 Phenyl (Black & White)
 Phenyl Pine Oil Disinfectants
- Surfactants (Hand Wash, Floor Cleaner, Dish Wash Liquid, Toilet Cleaner, PhenylBlack & White, Glass Cleaner, Air Freshener)
- White Phenyl

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

- Anti-Static Lubricating Oil used
- for Polyester Fibre Spinning Batching Plant for Asphalt
- Bees Wax
- Bitumen
- Bitumen Emulsion Cationic Type
- Bituminous Felts for Water Proofing and Damp Proofing
 Brake Fluid (Dot 3 & 4)

- Brake Fluids [Dot-3 Type)
 Brake Oil, Coolant & Packaging of Lubricant Oil & Grease
- Break Oil
 Calcined Petroleum Coke
- · Candle Making Plant (Semi Automatic)
- Candle Making Unit (Automatic)
- Carbon Black Oil of Tar
 Chlorinated Paraffin Wax (CPW)
- Coal Tar Pitch
 Coal Tar Pitch Distillation
 Coaltar Distillation
- Coloured Flamed & Perfumed
- Candles Coloured Flamed Candles (Red,
- Blue & Green)

 Compound Wax from Residual
- Oil
- Coolant & Brake Oil
- Coolant (Automotive) & Grease
- (CT 3/Axle) Crude Oil Refinery (Like
- Gasoline, Diesel, Jet Fuel, LPG, Kerosene & Bitumen)
- Cutting Oil
- Dearomatization of Kerosene Oil
- Feldspar
- Furnace Oil
- · Grease & Lube Oil from used Engine Oil
- Grease Manufacturing
- Grease Manufacturing (Calcium, Lithium & Sodium)
 Grease used for Chasis
 Heavy Liquid Paraffin

- Jute Batching Oil
 Liquid Shoe Polish
- Lube Oil Blending Based on
- Imported Base Oil
- Lube Oil Blending from Mineral Base Oil
- Lube Oil Blending Plant (Engine Oil, Gear Oil & Grease)
- Lube Oil from CNSL Reduce Friction
- Lubricants Blending Plant (Lubricants/ Grease/ Break Fluid/ Coolant)
- Lubricating Oil & Greases Lubricating Oils & Grease
 (Blending of Lubricating Oil &
- Manufacture of Greases
- Microcrystaline Wax from Sludge of Petroleum
- Microcrystalline Wax from Sludge of Petrochemical Refinery
- Mobile Oil (Lube) & Grease
 Mosquito Coil (Automatic Plant)

- Paraffin Charcoal Cubs from
- Paraffin Wax Paraffin Wax
- Poly Ethylene Wax
- Polyester Polyol Air Foam Mfg.
 By Using Petroleum Base as Raw
- 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

 Oil 100 Control of Control

 Oil 100 Control

 O
- Refining of used Lubricating Oil
 Re-Refining of Engine Oil,
 Transformer Oil & Hydraulic Oil
 By Thin Film Distillation
- · Re-Refining of used Lubricating
- Oils Road Emulsion Bitumen or
- Modified Bitumen
- · Shoe Polish
- Shoe Polish in Aerosol Filling Silicon Grease & Lubricants
 Sugar Cane Wax
- Transformer Oil
- Turkey Red Oil
- Vacuum Distillation of Crude Coal Tar (Specifically Creosote Oil)
- Washable Knitting Lubricating Oil
- Wax Floor Polish
- Wetting Oil (Textile Yarn Wetting
- Agent)
 White Oil from Kerosene Oil
- White Phenyl
- Wire Drawing Lubricants
- Wood Polish
- Zero Q & Pitch for Graphite
 PHARMACEUTICAL DRUGS &
 FINE CHEMICALS
- 16 DPA (16-Dehydropreyneolone Acitate)
- Active Pharma Ingredient (API)
 Adhesive Tape for Hospital Use
- Amoxycillin
- Ampicillin Ascorbic Acid
- Aspirin
 Baby Health Care Food & Milk
 Blood Collection Bags
- Bulk Drugs
 Camphor Tablets
- Ciprofloxacin
- Ciprofloxacin HCL Cloxacillin
- Cotton Buds/Swab
- Cough Syrup
- Dettol Like Antiseptic Lotion
- Dextrose (Monohydrous)Dextrose 5%
- · Dextrose Anhydrous, Sorbitol,
- Vitamin C
- Dextrose Injection
 Dextrose Powder
 Dextrose Powder from Potatoes
- Dextrose Saline 5% 10% 25% Solution
- Dextrose Saline Solution in Plastic Bottles
- Disposable Baby Dianer
- Disposable Medical Syringes
- Disposable Needles for Syringes
 Disposable Plastic Syringes &
- Needles Tube Plant
- Distilled Water
- Empty Gelatin Capsules Gelatin from Bones
- Glucose Saline
- Homeopathic Sugar Globules Homoeopathic Medicines
 I.V. Bottle (F.F.S. Technology)
- I.V. Fluid in Plastic Bottles
- I.V. Fluids
- I.V. Set
- Ibuprofen
- Implantable Surgical Suture (Bio Medical Textile)
- Injectables for PharmaceuticalIsabgol Husk

- IV. Fluid (FFS Technology)
- L-Ascorbic Acid (Vitamin C) from Lemons
- · Liquid Glucose from Maize and
- Maize Oil

 Liquid Glucose from Potatoes
- Medical X-Ray Film Slitting &
- Repacking

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

 Asparagus Cultivation &
- Processing (100% EOU)
- Banana Plantation & Its By Products
- Cardamom Cultivation
 Coconut Plantation
- Coffee Plantation
- Eucalyptus Tree PlantationGinger Cultivation & Storage
- Herbal Medicinal Plant Cultivation & Processing
- Herbal Plantation (Medicinal) Maize Cultivation & Its By
- Products Mango Plantation
- Mustard Seed Cultivation
 Neem Plantation
- Palm Tree PlantationPapaya Cultivation
- Papaya Cultivation & Papain Manufacturing
 • Plantation of Medicinal Plant &
- Herbs Poplar Plantation
- Rose Plantation & Rose Oil
- Extraction (Rose Essential Oil)

 Rubber Plantation
- Saffron Cultivation Shisham Plantation · Tea Plantation
- Teak Plantation • Teak Plantation By Tissue Culture
- Turmeric Plantation

POWER PROJECT &

- RENEWABLE ENERGY

 Bio Gas Power Plant from Cow Dung
- Bio Mass Power Generation Plant
- Biogas Power Plant
- Captive Power Plant
 Captive Thermal Power Plant for Glass Industry

 Coal Based Power Plant
- Co-Generation Plant Bagasse Based (Power Plant)
- Co-Generation Power Plant 10
- Gas Based Power Plant Gas Based Power Project (600
- MV) Hvdro Based Power Plant
- (15MW)

 Power Generating Unit from Agricultural Waste Heat Energy
- Power Generation from Agriculture Waste
- Power Generation from Garbage Power Plant (5 MW/Hr) By Agro Waste Power Plant (Hydro Based)
- Solar Cell (Photovoltaic Systems)
- Solar Cooker Solar Electrical Cell & Heating
- Solar Energy Water HeaterSolar Photo Voltaic System
- Solar Photovoltaic Power Plant
- Solar Power Plant Solar Pump
- Solar Thermal Power Plant Solar Water Heaters
- Thermal Power Plant 5 MW Wind Energy Power Project
- **PRINTING & PUBLISHING** Aluminium Printing Plates for
- Offset Printing Machine
 Aluminium PS (Pre-Sensitised) Plates
- Automatic Book Binding Unit
 Ceramic Transfers (for Printing) on Ceramics)
- Computer Farms & Security Printing Press
- Daily News Paper Press
 Desktop Publishing (DTP)
- DTP Cum Offset Printing DTP E-Mail. Internet & Leased Access for Commercial Purpose
- Exercise Note Book & Offset Printing Press
- Flexographic & Rotogravure
- Printing
 Flexographic Printing on Polyethylene Graphic Art Conversion &
- Packing Gravure Printing Cylinders
 Heat Transfer Label for Rubber
- Letter Press Printing Unit
 Metro News Paper
 Modern Advertisement Agency
- with DTP & Film Studio

 Multi Colour 8 Page Offset
- Printing Unit

 News Paper Publishing Unit

 Newspaper Printing
- Offset Printing [Mini]
 Offset Printing Press
 Offset Printing Press (2 Colour) Offset Printing Press Single
- Colour Offset Printing Press-4 Colour
 Photo Polymer Coating for Plate
 Block Making
- Photo-Emulsion for Rotary Screen Printing Printing on Carton
- Roto Gravure Printing
 Screen Printing
 Treated Cloth for Abrasive Textile Printing (Pigment Binder) RUBBER & PLASTIC INDUSTRIES, FRP PRODUCTS,

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POLYMERS, PET, PVC, LDPE, HDPE, POLYPROPYLENE, ACRYLIC AND POLYURETHANE

- 100% Polyester WaddingABS Granules
- Acrylic Latex
- Acrylic Mirror
 Acrylic Resin (Emulsion Type)
- Acrylic Sheet
 Acrylic Sheet & Moulded Products
- Acrylic Sheet from Acrylic Waste
 Acrylic Teeth Manufacturing
- Acrylic Tiles (Extruded)
- Acrylic Yarn
- Air Bubble Packaging
- Auto Tubes
 Auto Tubes & Tyres for Scooter
- Automobile Tyres for Bus, Truck,
- Trolley

 Automobile Tyres, Tubes & Flaps

 Automotive Radial Tyre Plant for Car & Trucks
- Automotive Tyre Plant
- Bakelite Electrical Accessories
 Bakelite Moulded Products
- Bakelite Powder for Electric
- Goods & Pressure Cooke Bakelite Sheet (Fabric & Paper Base)
- Bakelite Sheet (Phenolic Sheet)
- Bare Polyester Film with
- Metalising & Coating Process

 Bicycle & Motor Cycle Tube
- Bicycle Tube & Motor Cycle Tube
- Bicycle Tubes
- Bicycle Tyres 4000 Pcs./8 Hr.
 Biodegradable Plastic Products (Bags, Plates & Glasses)
- Bio-Plastic Products
- Blood Bags
- Blood Collection Bags
- Blow Moulded Plastic Products
- Blow Moulding (Plastic Containers)
 • BOPP Films
- BOPP Pressure Sensitive Self
- Adhesive Tape Butyl Reclaim Rubber
- Butyl Rubber (Polyisobutylene
- Rubber) Carbon Black from Waste Tyre
- Pyrolysis Centrifugal Rubber Latex Plant
- Closed Cell Nitrile (Silicones
- Rubber Insulation)

 Coating of Titanium Dioxide on Plastic Surface
 Coir Foam (Rubberised Coir)
- Colour Master Batches for
- Various Plastic Complex Unit (PET Preform from Pet Resin & Plastic Crates)
- Containers
- Conveyor Belting
- Cross-Linked Polyurethane Foam
 Cycle Tyres & Tubes
 Deck Wood (Wood & Plastic
- Composite used In Floor)

 Disposable Dishes, Knife, Fork & Cutlery)
- Disposable Examination Plastic Gloves
- Disposable Plastic Cup, Glasses
 Disposable Plastic Glass, Plates
- & Cups
- Disposable Plastic Syringes Epoxy Resin
- EVA (Ethylene Vinyl Acetate
- Sheet & Sole) Expanded Polystyrene Board
 Expanded Polyurethane Foam
 F.R.P. Boat Bui Iding

- F.R.P. Products (Fiber Reinforced Plastic Products)
- Fiber Reinforced Plastics (FRP)
- Fibre Glass
- Fibre Glass Industries Chopped, Stand, Mats & Woven
- Roving
 Fibre Reinforced Plastic Pipes

- Fibre Reinforced Plastics
- Field Rubber Converted to the % Latex Rubber
- Flexible Office Furniture Systems
- Flexible Packaging with Gravure and Flexo Printing with Extrusion in 3/5/7 Layers
- Flexible Polyurethane Foam
 Floral Foam (Phenelic Foam)
- · Floral Foam (Phenolic Foam)
- with Resin Manufacturing
- Foam & its Products
- FRP Auto Scooter Roofs/Ceiling
- FRP Doors
- FRP Sheet & Product
- H.D.P.E. Bags (Stitching)
 H.D.P.E. Film & Sheets
- H.D.P.E. Pipes
 H.D.P.E. Tarpaulins

- H.D.P.E. Woven Sacks/Stitching Hard Rubber Battery Container
- Hawai Chappal
- Hawai Chappal & Micro Cellular Sheet Manufacturing
 HD and PP Woven Sacks By
- Circular & Plain Looms with Lamination & Printing
- HD/PP Woven Sacks for Cement
- HDPE Container (All Purpose)
- HDPE Pipe & Fitting
- HDPE Pipes HDPE/PP Bags
- HDPE/PP Box Strapping
 HDPE/PP Woven Sacks Using
- Circular L oo m s
- HM-HDPE Blow Moulded
- Hoses (Air-Based-Welding Hoses & Pesticides Spray Pipe)
- Hydraulic Hoses and Clamping
- I V Cannula
- Industrial Gloves Injection Moulded Plastic
- Products
- Injection Moulded Plastic Goods
- with PVC Chappals
 Intra Venous (I.V.) Sets
- L.P.G. Gas Pipe
- L.P.G. Valves Latex Foam Rubber (Sponge
- Rubber)

 Latex Rubber Condoms
- · Latex Rubber Thread
- Liquid Storage TankLPG Rubber Tube (Pipe)
- Flexible Manufacturing of HDPE & LDPE
- Pipes & Fittings
- Mattresses, Cushion, Pillows
 Medical Disposable Business like Disposable Syringes & Needles (Preferably Self Destruction Type, Catheters,
- Mask)

 Medical X-Ray Film Slitting and
- 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
- Nylone Zip Fasteners
- Optical FibreP VC Doors
- · Patches Tube Repairing Material
- PET Bottle
- PET Bottle from Pet Resin
 PET Bottles from Pre-Form PET
- PET Bottles/Containers
- PET Preform for Water and Carbonated Soft Drink with
- Closures (Caps for the Bottles)

 PET Pre-Form from PET Resin Plastic Buckets, Bottles & Doll
- Plastic Buttons from Polyester Sheet & 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 ToysPlastic Office Products
- Plastic Plant (Blow Moulding & Injection Moulding) Plastic Processing Moulds
- Plastic Sequence
 Plastic Spectacle Frame
- Plastic Sutli
- Plastic Tooth Picks Plastic Toys
- Plastic Water Storage Tank
 (H.D.P.E.) (Syntax Type)
 Poly Propylene Measuring Cup
- Polyester Film
 Polyester Polyol Air Foam By
 Using Petroleum Base as Raw Material
- Polyester Resin
- Polyethylene Tarpaulin (PE Tarpauline)
 • Polythene Bags
- Polythene Bags and Automatic Printing Polythene Pouches for Ghee,
- Butter, Milk and Oil Polythene Printed Bags
- Polyurethane Foam & Its Products
- Polyurethane Foam (Flexible) Polyurethane Pipe Section, Slab Panels, Rigid Foam, Moulding
- Polyurethane Product (Rigid & Moulded)
- Polyurethane Sheet and Pipes Polyvinyl Alcohol Film (Cold Water Soluble)
- Pouch Making Automatic Plant (for Namkeen, Spices, Mehandi, Milk, Ghee, Agarbatti and Zipped
- Pouches)
 PP Bottle
- PPR Pipes & Fitting
- Processing of Crude Rubber
 PU Foam (Polyurethane Foams)
- P.V.C. Conduit Pipe
 PVC (HDPE) Water Storage
- PVC / HDPE Pipes
- PVC Bottles
- PVC Coating on G.I. Wire
 PVC Compounding
 PVC Compounds from PVC Resin PVC Conduit Pipe (Electrical)
- PVC Extrusion Profile (Wiring)
- Channel)
 PVC Film
- PVC Flex Banner
 PVC Flex Banner (Frontlit, Backlit & Vinyl)

 • PVC Flexible Pipe
- PVC Footwear PVC from Ethanols PVC Granules & Rigid Pipes
 PVC Granules, Film & Bag
- (Printed)
 PVC Hand Gloves
- PVC Hoses (For Irrigation Purposes)
 • PVC Lining for Metal Crown

- PVC Pipe & Fitting
- PVC Pipes
 PVC Profiles (Door, Window and
- Chairs) Decorative Accessories PVC Rexene Cloth
- PVC Rigid Film for Pharma & Thermo Forming Packaging PVC Section Hoses
- PVC Section Pipe
- PVC Sheet
- PVC Soles
- PVC Tube
 PVC Water Storage Tanks
- PVC Wires and Cables (Flexible)
- Reclaim Rubber
- Recycling of P.E.T.Rubber (Floor Mat) for Automobile
- Rubber Auto Parts
 Rubber Ball for Children
- Rubber Band
- Rubber Band (Disco Type) Rubber Baskets
- Rubber Belting (V Belt) Rubber Compound for
- Automobiles
- Rubber Compound Toys (using Plaster of Paris)
- Rubber Floor Mat
- Rubber Hose Pipe & Rubber Glazing
- Rubber Hose Pipe Braided
 Rubber Hoses for Automobiles
- Rubber Linning & F.R.P. Linning Rubber Peptizing Agents
 Rubber Powder from Waste
- Rubber Process Oil Rubber Reclamation from Tyre
- and other Products
- Rubber Reclamation Industry Rubber Roller & Ebonite Roller
- Rubber Roller for Printing Machine
- Rubber Roller for Rice Mill Rubber Rollers
- Rubber Sheet
- Rubber Sheet for AutomobileRubber Sheet for Shoe Soles
- Rubber Solution
- Rubber Wood Processing PlantRubberised Coir Mattresses
- Rubberised Cork Sheet Silicon Rubber
- Soft Luggage
- Surgical Disposable Manufacturing Unit Surgical Examination Gloves
 Surgical Suture Materials
- (Surgical Gut, Polyglactin,
- Polyglycolic Acid, Poliglecaprone, Polydioxanone,
- Nylon, Polypropylene Polyester)
 Synthetic Pearl Coating on
 Polystyrene Beads
- Synthetic Pollen Teflon Coating
- Teflon Tape
- Thermocol Moulded Products
 Thermocol Sheet Thermocol Sheet & Moulded
- Products Thermocole Moulding for
- Television Set
 Thermoforming Plant Disposable Glass, Bowles & Plates
- (Polystyrene as Raw Material) Tooth Brush Transparent PVC Blown Film
- (PVC Rolls) Used for Industry Treade Rubber Used for Cold
- Process • Tube Valves Tyre Retreading By Hot Process
- Tyres & Tubes for Bicycle & Rickshaw Tyres & Tubes for Scooter & Motorcycle

 Tyres Retreading By Cold
- Process
 Tyres Tubes for 2/3 Wheelers,

Market Survey Cum Detailed Techno Economic Feasibility Report on All Above Projects are Available. Contact: NIIR PROJECT CONSULTANCY SERVICES 106-E, Kamla Nagar, Delhi-7, Ph.:91-11-23843955, 23845866, 23845654, Mob.: 9811043595
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- Motor Cycle, Rickshaw
- Unsaturated Polyester Resin UPVC Pipes
- Waste Tyre Pyrolysis
- Water Proofing System (Polyurethane and Acrylic Based)
- Wood Plastic Composite (WPC)
- X-Ray Film SOAP, DETERGENTS, LEANING

POWDER, LAUNDRY CARE, FABRIC CARE AND WASH, HOUSEHOLD

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

- Acid Slurry By Manual Process
- Blue Detergent Powder
 Cleaning Powder (Vim Type)
 Detergent Cake & Powder
- Detergent Cake & Powder (Rin-
- Type) Detergent Cake, Detergent Powder, Dish Washing Detergent Cake and Powder
- Detergent Powder & Cake (Fena Type)
- Detergent Powder & Detergent Cake

- Detergent Powder (Fena Type)
 Detergent Powder (Nirma Type)
 Detergent Washing Powder
 (Ariel Type)
- Floor CleanerGlass Cleaner, Floor Cleaner and Toilet Cleaner
- Glycerin Bath Soap (Pears Type)Hard Oil Soap
- Liquid Detergent
- Liquid Detergent for WoolMetal Polish Soap
- Soap Coated Paper Soap Noodles
- · Softener (Cationic, Anionic, & Non Ionic
- Toilet & Herbal Soap
- Toilet Closet Cleaner
 Toilet Soap
- Toilet Soaps (Alcohol & Animal
- Fat Free)
 Utensil Cleaning Bar
- Washing and Laundry Soap
 Washing Powder & Soap (Nirma Type)

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

- Acrylic Blanket
- · Acrylic Blanket for Warming for Human Coverage Purpose
- Acrylic Garments
 Acrylic Yarn
- Acrylic Yarn Dyeing
- Angora Rabbit Farming, Feed, Yarn from Wool, Mfg. of Shawls, Sweaters, Caps, Muflers with
- Dying &
 Angora Rabbit Wool
- Baby & Adult Diaper & Sanitary Pads
- Baby Diaper
- Black Braided Silk (Non-Absorbable Surgical Suture)
- Blanket from Wool or Woollen Waste or Woollen Rags
- Bleaching (EOU)
- Brassieres & PantiesCanvas 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

Loom

- Denim Cloth (Integrated Unit
- with Printing, Bleaching, Dyeing) Disposable Baby Diaper
- · Dying of Hank Yarn for Power
- Fiber from Banana Plant & Mfg.
- of Bags Like Jute Bags
 Furnishing Fabrics on Power
- Geotextiles for Road &
- Construction
- Handker-Chief Handloom Products (Khes,
- Bedsheet, Bedcovers, Furnishing Cloth)
- Hosiery & Textiles Cloth Processing & Hosiery Garments Manufacturing (Composite Mill)

 Hosiery and Tailor Lables
- Hosiery Cloth (Cotton Cloth Processing Bleaching, Dyeing,
- Finishing) Hosiery Cloth Processing (Cotton)
- · Hosiery Fabric Cloth from Cotton Yam
- Hosiery Industries (Banian & Underwear)
- Hosiery Industry
- · Hosiery Industry (Ganji, Baniyan, Underwears)
- Hosiery Products (Like T-Shirt, Knitwear and Acrylic Yarn)

 Hosiery Products Like Vests,
 Briefs, TShirts & Nylon Cotton
- Knitting
 Integrated & Composite Textile Unit 1. Cotton Ginning & Processing Plant 2. 19000 Spindles Spinning Mill to Feed Composite Weaving Mill To Mfg. Grey Cotton Fabric (Including Carding & Combing)
- Integrated Unit of Textile Mill and Readymade Garments
- Jacquard Fabrics
 Jeans and Jackets (Denim)
- Jeans Cotton's Casual & Shirts
- Jeans, Shirts & Trousers
 Jute Yarn, Sutli & Hessian Cloth Weaving (Integrated Unit)

 • Knitted Fabric
- Ladies Under Garment (Bra &
- Mattress/Bedding (Automatic) Machine)
- Mfg. of Jeans, Trousers, T-Shirts, & Kids Garments
- Neck Tie
 Non-Woven Carpets Cladded with Polyester Fibre
- Open End Spinning Mill
 Polyester Yarn from Waste
- Polypropylene Multifilament Yarn
 Printed Shopping Bags
 Ready Made Garment (EOU)

- Readymade Garment (Trousers)
 Readymade Garments & Hosiery
- Readymade Garments for Children & Teenage Sigments
 • Readymade Salwar, Suit (Ladies)
- Sanitary Napkin (Low Investment)
- Sanitary NapkinsSanitary Napkins & Baby Diaper
- Sanitary Napkins (Imported Automatic Plant)
- Sanitary Pads/Napkins
- Sewing Thread Reels and Balls Making Industry
 Shirts (Woven) & Jeans Unit
- Shoe Laces
- Silk Realing Unit
- Socks Knitting [EOU] Spinning & Carding of Wool in to

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- Spinning Mill
 Surgical Absorbent Cotton (P P Grade)
- Surgical Bandages Surgical Cotton
- Surgical Cotton & Bandage

- Tags for Readymade Garments
- Terry Towels
 Textile Bleaching, Dyeing and Finishing
- Textile Carpet Woollen Dyeing
 Textile Dyeing & Printing Mill
 Textile DyeingAuxiliaries
- Textile Fabric Coating By LDPE in One Side with Embossing Textile Fabric with Sides Coating
- By LDPE Textile Printing (Pigment Binder)
 Textile Weaving Plant

- T-Shirts & Baniyans
 Undergarments (Men & Women) Underwear Garment Ganji, Jangia
- Viscose Filament Yarn
- Viscose Rayon
- · Viscose Rayon Yarn from Cotton Linters
- Woollen Dyeing
- Woollen Hosiery Woollen Sweaters

 Zari Yarn WASTE MANAGEMENT AND RECYCLING, INDUSTRIAL WASTE, MUNICIPAL GARBAGE, PLASTIC, PAPER,

METAL, IRON, GLASS, RUBBER, E-WASTE RECYCLING, MEDICAL WASTE RECYCLING

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

Refining)

- Manufacturing of Recycling
- Paper Products Mini Paper Plant from Waste
- · Municipal Garbage Treatment
- Municipal Solid Waste Management
- Nickel Catalyst of Vanaspati Industries
- Nicotine from Tobacco Waste
- Ossein from Bones
 Oxalic Acid from Paddy Husk
- Oxalic Acid from Saw Dust · Oxalic Acid from Vegetable
- Waste Paper from Waste Paper
- Particle Board from Agro Waste & Sugarcane Bagasse
- Particle Board from Jute Waste
- Particle Board from Rice Husk · Particle Board from Saw Dust Pectin from Orange/Lime Peels
- PET Bottles Recycling (PET Bottles from PET Scrap)
- Plastic Granules from Plastic Waste
- Polyester Yarn from Waste Pre-I aminated Particle Board from
- Rice Husk Reclamation of Automobile
- **Batteries** · Reclamation of Nickel from Spent
- Reclamation of Rubber
- · Reclamation of Transformer Oil
- · Reclamation of used Bleaching Earth · Reclamation of used Engine Oil
- Reclamation of Wax Sludge 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 & XRay Film, Cinema Film & Waste Hypo Solution By
- Sulphide Process Recovery of Silver Nitrate from
- Photographic Waste Fixer Recovery of Zinc Metal from Zinc
- Ash Recycling of Cellulose Acetate
- Recycling of Computer Waste · Recycling of Polythene and other
- Products
- Recycling of PVC Scrap Refining of Used Lube Oil Rubber Powder from Waste Tyres
- Silicone from Rice Husk Silver Extraction from Waste Hypo Solution
- Sodium Hydrochloride from Waste Chlorine Gas Sundrid Board from Waste Paper

NPCS CAN PROVIDE DETAILED PROJECT REPORT ON ANY OF YOUR REQUIRED **PROJECT**

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& Pulp

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seriously undermines efficient and sustainable development. One of the ways to salvage the situation is through efficient management of solid wastes.

There has been a significant increase in MSW (Municipal Solid Waste) generation in India in the last few decades. This is largely because of rapid population growth and economic development in the country. Solid waste management has become a major environmental issue in India. The limited revenues earmarked for the municipalities make them illequipped to provide for high costs involved in the collection, storage, treatment, and proper disposal of MSW. As a result, a substantial part of the MSW generated remains unattended and grows in the heaps at poorly maintained collection centres.

Waste management market is expected to be worth US\$ 13.62 billion by 2025. Indian municipal solid waste (MSW) management market is expected to grow at a CAGR of 7.14% by 2025 while e-waste management market is expected to grow at a CAGR of 10.03% during the same period.

COST ESTIMATION

CAPACITY:

Organic Compost 13.75 MT/Day

Refused Derived Fuel (RDF) 3.75 MT/Day Innerts 3.75 MT/Day

Recyclables 3.75 MT/Day Plant & Machinery ₹ 196 Lakhs

Cost of Project ₹ 822 Lakhs Rate of Return 11.93% **Break Even Point** 49.81%

OUR BANK DETAILS

Bank	ICICI Bank Ltd.	HDFC Bank	Axis Bank	Canara Bank	State Bank of India
	Kamla Nagar, Delhi -110007	Roop Nagar, Delhi -110007	Shakti Nagar,	Kamla Nagar, Delhi -110007	Kamla Nagar, Delhi-110 007
			Delhi -110007		(Do Not deposit Cash)
Current A/c No.	038705000543	03392320000423	054010200012768	0156201003776	33930677810
RTGS/ NEFT	ICIC0000387	HDFC0000339	UTIB0000054	CNRB0000156	SBIN0001420
MICR Code	110229062	110240053	000211000	110015017	110002148

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



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G-3/DL (N)/114/2015-2017 U(DN) 154/2015-17

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PUBLISHERS :



NIIR PROJECT CONSULTANCY SERVICES AN ISO 9001:2008 CERTIFIED COMPANY

Marketing Associate of

NATIONAL INSTITUTE OF INDUSTRIAL RESEARCH

AN ISO 9001 : 2000 COMPANY (Dedicated to Global Industrial Development) 106-E, KAMLA NAGAR, OPP. SPARK MALL

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PUBLISHING ASSOCIATES :



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

E-MAIL: apbp.books@gmail.com

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

Modern Technology Of Industrial Chemicals

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



The Complete Technology Book On PESTICIDES, INSECTICIDES, FUNGICIDES & HERBICIDES with Formulae & Processes

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

The Complete Technology Book on FINE CHEMICALS

Fine chemicals are the chemicals which are produced in comparatively small quantities and in relatively pure state. Fine chemicals correspond to a distinct segment of the chemical industry, including low tonnage molecules (typically 10-20 Kt.) Pharmaceutical and biological Products, Perfumes, Photographic Chemicals and Electronic Grade reagents are examples of fine chemicals. High purity reagents (99.999999% pure) are also classified as fine chemicals. Globally, the fine chemicals industry continues to be very fragmented in spite of some consolidation, their the state of the state of

standing out due to an enhanced contribution of technical services and application know how. Rs.1100 US\$125

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

The most dynamic industry of the century is the petroleum and petrochemicals industry. It has taken the fundamental knowledge of chemistry and chemical engineering and transformed itself from a simple processing industry for fuel and lubricants to an extremely complex chemical process industry which has branched out into synthetic rubber, plastics, fertilizers and many other fields. The book presents Practical information and data which will help oil companies, large scale

users of commercial petroleum products in efficient storage, handling and utilization of these products. Different formulae, processes for the production of petroleum products are given in this book. Res/978 US\$100

Handbook of FINE CHEMICALS, VITAMINS, AMINO ACIDS AND **PROTFINS**

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 fabrics. 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.

DRUGS & PHARMACEUTICAL TECHNOLOGY HANDROOK

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 Universe the Company of the Universe that the Univer 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. Rs.1075 US\$125

The Complete Book on Medical Plastics

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

The Complete Book on RUBBER PROCESSING AND COMPOUNDING

TECHNOLOGY (with Machinery Details) 2nd. Rev. Edn.

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. Rs.1875 US\$150

The Complete Technology Book on

Plastic Extrusion, Moulding and Mould **Designs**

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 prison processing operations: it is an important confined tain process whereour presences of 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. Rs.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 materials in modern technology has satisfied the all around requirements as has fiber Glass. Fiber glass, Optical glass and reinforced plastics have important applications and uses in the making of various products. The present book contains processes and other valuable information for fiber glass, optical glass and reinforced plastics. Rs.1275 US\$125

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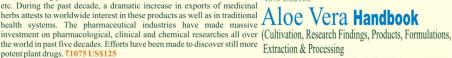
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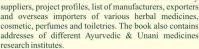
The neem tree, which is also known as Margosa or Indian lilac, grown extensively in Asian and African countries. The need is very useful tree due to its medicinal and insecticidal properties and can be grown even under semi arid and subhumid conditions upto 700m above sea level. The book covers cultivation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



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