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CASHEW NUT KERNELS & SHELL LIQUID

Cashew (Botanical name *Anacardium Occidentale*) was introduced in India by the Portuguese four centuries ago mainly to prevent soil erosion. Cashew ranks second among the nine tree nuts which figure prominently in international trade circles, first being Almond. The cashew adapts to various types of soils and climatic conditions and is hardy and draught resistant tree. Indian cashew industry is characterized by a marked cultural dualism between small-scale growers and corporate sectors. Cashew is cultivated in India over an area of 0.77 million ha. At present India has a processing capacity over 1 million tonnes from 1098 processing units generating employment to over 0.5 million people in farms and factories.

In the factory sector, 95 per cent are women workers from the lowest strata of the society. India exports nearly 65 per cent of the world cashew export to different destinations all over the world. More than 50 percent of the domestic production is consumed in the domestic market.

USES OF CASHEW

Cashews have served nutritional, medicinal and wartime needs. More recently, they have been used in the manufacture of adhesives, resins and natural insecticides. During World War II, the cashew tree became highly prized as the source of valuable oil drawn from the shell. The cashew kernel is a rich source of fat (46 percent) and protein (18 percent) and is a good source of calcium, phosphorus and iron. It has a high percentage of polyunsaturated fatty acids, in particular, the essential fatty acid linoleic acid. The tart apple is a source of vitamin C, calcium and iron. The bark, leaves, gum and shell are all used in medicinal applications. The leaves and bark are commonly used to relieve toothache and sore gums, and the boiled water extract of the leaf or bark is used as a mouth wash.

MARKET SCENARIO

The Indian Cashew industry is almost export oriented. In Indian cashew processing factories, over 95 per cent of the workers are women. Today, the major cashew producing States in India are Kerala, Karnataka, Tamil Nadu, Andhra Pradesh, Goa, Maharashtra and Orissa.

India is the largest producer and exporter of cashew kernels in the world. Over 65 per cent of the world export of cashew kernels is accounted for by India. Indian cashews are consumed in as many as 60 countries all over the world. The Indian cashew kernel is well acclaimed for its good quality, taste and appearance. Sometimes cashew nuts are called "nature's vitamin pill."

India is largest producer, processor, exporter and second largest consumer of cashew in the world with annual production of 6, 20,000 MT. The cashew industries in India employed different unit operations/ methodology for processing depend on variety of raw material, location, technological mechanization and availability of secured energy supply.

COST ESTIMATION

Capacity	: 150 MT/annum
Plant & Machinery	: 40 lakhs
Total Capital Investment	: 235 Lakhs
Rate of Return	: 45.18 %
B.E.P.	: 38.73 %

DISPOSABLE PLASTIC CUPS, PLATES & GLASSES

The plastic industry in India plays a very important and key role in Industrializations. A wide spectrum of plastics and articles manufactured by the industry has touched the life of every Indian in many ways through consumer plastics. The disposable plastic cups are manufactured by thermoforming technique. They are fast replacing conventional cups. Ice-cream and other dairy products are packed in disposable cups. Besides Ice-cream industry, hotels, restaurants, canteens etc. have been increasingly



using disposable cups as against conventional glass-ware or ceramic cups. Disposable cups are mainly used for food items and are made out of polypropylene or polystyrene sheets. Sheets having thickness 0.35 mm to 18 mm are used for these items in thermoforming machine. The disposable cups are gaining popularity due to attractive look, low weight for container, ease of transportation and low impermeability. Organizations like Railways, Airlines are using disposable cups for serving coffee, tea etc. now-a-days.

Disposable cups, glasses, plates and spoons are used in daily life nowadays. In addition to be used at home these are largely used during at parties and other functions. The use of disposable items is increasing day by day because of better hygienic conditions, low cost, easy usability and impressive appearance. Plastic cups are largely used for tea, juices, coffee and other purposes.

APPLICATION

Thermoformed disposables are generally used for Tea, Water and Packing of Beverages etc. These Thermoform shapes are created from a process where a sheet of plastic is heated and vacuumed on top of a model or die. The die can be made up from variety of materials.

There are different industries using thermoformed cups and trays like:

- Medical packaging in Pharmaceuticals
- Catering
- Food packaging
- Retail Outlets
- Restaurants
- Hotels
- Tourism
- Soft drinks, water and tea etc.

PROPERTIES

One of the most renowned names in the field of Plastic Disposable Glass, Cups and Plates. These days nobody has the time, or sometimes even the money, to afford expensive china utensils for their party purposes, so we produce an easy solution to this by producing Printed Drinking Cups which are not only easy to use and cheap but at the same time recyclable and stylish as well, adding style to your celebrations.

Properties of Disposable Plastic Glass, Cups & Plates are

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SELECTED PROJECTS FOR YOU

- Cheap
- Disposable
- Recyclable
- Easy to use
- Available in all shapes and sizes as per the customers' demands

MARKET SCENARIO

Disposable Plastic Drinking Cups are a common sight around our homes, offices, workplaces and other places. Disposable Plastic Drinking Cups are a ubiquitous part of our lives today. It is hard to find a place where one will not get to see these cups. A person goes for a jog, works out and after he/she is done with the daily exercise routine, the first thing they reach out for is a Disposable Plastic Drinking Cup for a sip of water. Pointing on disposable items is also quite easy and cheaper. The technology and machines are available in India and the cost is also less. This makes the disposable items more competitive and helps in increasing its market.

COST ESTIMATION

Capacity	: 1354 Lakh Pcs./annum
Plant & Machinery	: 51 Lakhs
Total Capital	
Investment	: 216 Lakhs
B.E.P.	: 40.87%
Rate of return	: 45.83%

EMU BIRDS

(Farming, Breeding & Meat Production)

EMU (Dromaius novaehollandiae) and ostrich (Struthio camelus) birds belong to ratite group have high economic value for their meat, eggs, oil, skin and feathers. These birds are adoptable to varied climatic conditions. Although emu and ostrich were introduced in India, emu farming has gained much importance. Emu and ostrich features, management of these birds during chick, growing, fattening, breeding and non-breeding stages were covered. Care and hatching of eggs, nutrient requirements, healthcare and products of emu and ostrich were also covered. Economics of emu rearing with reference to the cost of maintaining breeders cost of production of eggs and chick are covered.

FEATURES OF EMU

Emu has long neck, relatively small naked head, three toes and body covered with feathers. Birds initially have longitudinal stripes

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on body (0-3 month's age) then gradually turn to brown by 4-12 months age. Mature birds have bare blue neck and mottled body feathers. Adult bird height is about 6 feet with a weight of 45-60 kg. There are no definite emu breeds but are captive bred. Legs are long covered with scaly skin adoptable to hardy and dry soil. Birds sit on their haunch and also walk frequently along the fence. Natural food of emu is on insects, tender leaves of plant and forages on different grasses, eats different kinds of vegetables and fruits like carrot, cucumber, papaya etc. Air sac hangs down loosely in females and is prominent during breeding season gives booming sound where as males do grunting sound. Often sex of the bird can be identified by these sounds during breeding season. Female is the larger of the two especially during breeding season when the male may fast. The female is the dominant member of the pair. The male emu sits on the nest. Emus live for about 30 years may produce eggs for more than 16 years. Birds can be maintained as flock or pair. The birds require fencing made of link chain of 2 x 4 inches with a height of 6 feet for adults. Sexes can be identified by tattooing on the skin of shank or by placing microchip under the skin.

MARKET SURVEY

Emu (*Dromaius novaehollandiae*) and ostrich (*Struthio camelus*) are reared commercially in many parts of the world for their meat, oil, skin and feathers, which are of high economic value. The anatomical and physiological features of these birds appear to be suitable for temperate and tropical climatic conditions. These birds can be well maintained on extensive (ranches) and semi intensive rearing systems with reasonably high fibrous diets. United State, Australia

and China are leading in emu and of America ostrich farming. Emu and ostrich were introduced recently into India. Compared to ostrich, emu rearing is picking up. At present there are more than 10000 emus and only small numbers of ostrich are available in India. Emu birds are well adapted to Indian climatic conditions. Although emu farming is economical so far none of the farmers have entered in to the marketing of emu products. Commercial aspects of rearing emu has picked up in India in a big way as it promises a long-term return as compared to the initial investment. Emu bird farming is basically just like poultry. The way we look after poultry, cattle farming or goat farming, it is a similar kind of farming which is flourishing in India.

COST ESTIMATION

Capacity	: 2 Lakh Pairs/Annum
Plant & Machinery	: 49 Lakhs
Total Capital Investment	: 617 Lakhs
Rate of Return	: 45.45%
B.E.P.	: 34.74%

ERW STEEL PIPES

Electric Resistance Welded Pipe that is also known as ERW pipe and it is made of strips of steel that is hot rolled and passed through forming rolls and finally welded together. It is used for usually high diameter. ERW steel pipes and tubes are used in various engineering purposes, fencing, scaffolding, line pipes etc.

ERW steel tubes are comparatively economical and possess high dimensional accuracy, and can also be produced with thinner wall thicknesses. Owing to these advantages, use of ERW steel tubes had risen steadily in recent years. However, as the properties

required for steel tubes used in automobile parts have become stricter, development of a new steel tube which possesses both high strength and excellent formability has been desired.

High performance ERW steel pipes and tubes possess high corrosion resistance, high deformability, high strength and high toughness. These pipes are used in fencing, lining pipes, oil country tubular, scaffolding, water and gas conveyance, structural, engineering purposes, etc. There has been tremendous increase in the production of ERW steel pipes due to higher demand in oil and gas industry, infrastructure and automobile uses. There are large numbers of units in the SSI sector. The industry has been de-licensed and is eligible for automatic approval up to 100 per cent FDI.

APPLICATION

ERW Stainless Steel Pipes are extensively used for conveyance of fluids intended for critical high temperature and general. Seamless SS Tubes are used in under similar service conditions in heat transfer process equipments like boilers, super heaters, heat exchangers, condensers etc. Steel line pipe made with fusion weld zones has the strength of around 70% of the parent material used, and in this way, ERW pipe is superior ERW steel pipes find its usage in diverse fields.

- They are used in various structural and engineering purposes, fencing, line pipes, and scaffolding.
- For the purpose of oil country tubular, water and gas conveyance ERW steel pipes are widely used.
- There has been a tremendous increase in the use of ERW steel pipes in the sector of automobiles and in the sector of agriculture.
- They are equally used for drinking water in housings, in collieries for extraction of Water, Thermal Powers, Hand pumps for deep boring wells, and also as strong protection for cables by Telecom Department.
- ERW is used for transporting oil, gas and other vapour-liquid objects and can meet the requirements of high and low pressure.

MARKET SCENARIO

ERW steel pipes and tubes are used in various engineering purposes, fencing, scaffolding, line pipes etc. In 2010-11, the Indian steel industry's demand-to-capacity ratio is estimated to have been at 88 per cent. However with higher capacity additions expected in 2011-12, 2013-14 and 2015-16, the demand-to-capacity ratio is expected to moderate from 2013-14 onwards. About 55-60 million tonnes of crude steel capacity additions have been announced over the next 5 years.

COST ESTIMATION

Capacity	: 180000/annum
Plant & Machinery	: 838 Lakhs
Cost of Project	: 3044 Lakhs
Rate of Return	: 67.25 %
B.E.P.	: 31.83 %

FRP DOORS

Fibre-reinforced plastic (FRP) (also fibre-reinforced polymer) is a composite material made of a polymer matrix reinforced with fibres. The fibres are usually glass, carbon, oraramid, although other fibres such as paper or wood or asbestos have been sometimes used. The polymer is usually an epoxy, vinyl ester or polyester thermosetting plastic, and phenol formaldehyde

resins are still in use. FRPs are commonly used in the aerospace, automotive, marine, and construction industries.

COMPOSITION OF FRP

Composites are composed of:

Resins - The primary functions of the resin are to transfer stress between the reinforcing fibers, act as a glue to hold the fibers together, and protect the fibers from mechanical and environmental damage.

The most common resins used in the production of FRP grating are polyesters (including gorthophthalic-"ortho" and isophthalic-"iso"), vinyl esters and phenolics.

Reinforcements - The primary function of fibers or reinforcements is to carry load along the length of the fiber to provide strength and stiffness in one direction. Reinforcements can be oriented to provide tailored properties in the direction of the loads imparted on the end product. The largest volume reinforcement is glass fiber.

Fillers - Fillers are used to improve performance and reduce the cost of a composite by lowering compound cost of the significantly more expensive resin and imparting benefits as shrinkage control, surface smoothness, and crack resistance.

Additives - Additives and modifier ingredients expand the usefulness of polymers, enhance their process ability or extend product durability. Each of these constituent materials or ingredients plays an important role in the processing and final performance of the end product.

MARKET SCENARIO

The global market for Reinforced Plastics is forecast to reach 7.9 million tons by the year 2017, bolstered by renewed demand from major end-use sectors and robust demand from European and Asia Pacific markets. Further, rapidly evolving renewable energy markets such as wind energy are emerging as the most promising growth areas for Reinforced Plastics.

Demand for natural fiber composites are largely driven by increasing environmental awareness. Due to low cost, low density, acceptable specific properties, ease of separation, enhanced energy recovery, CO2 neutrality, biodegradability and recyclable properties, natural fiber use in composites is gaining as demand grows for component materials that are durable, reliable, and lightweight, with mechanical properties better than those of traditional materials. To know about the top continent in terms of total NFC consumption; the emerging, future markets, emerging applications with significant growth potential, industry challenges, etc, read Total global natural fiber composite market expected to grow at 11% CAGR till 2016. At the end of 2010, the market for composite products reached an estimated US\$50 billion.

COST ESTIMATION

Capacity	: 45000 No.s/annum
Plant & Machinery	: 324 Lakhs
Cost of Project	: 559 Lakhs
Rate of Return	: 25.36%
B.E.P.	: 45.41%

FUEL BRIQUETTES

From Agro-Waste

Fuel briquettes are made from agricultural and commercial residues such as weeds, leaves, sawdust, rice husks and scrap paper - are an unique yet well proven technology to provide fuel wood. Briquette/ Bio-coal or white-coal is a solid



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fuel made from a variety of waste materials such as charcoal from low-density wood, agro-forestry waste material, domestic, municipal solid wastes and typically any type of biomass waste. A wide array of feed stocks, some that are not pelletable, can be briquetted, including agricultural residues, paper, etc. Briquetting is the process which converts these low density biomass into high density and energy concentrated fuel briquettes. With a calorific value of about 4000 kcal/kg, the raw materials give superior briquettes particularly because of negligible ash contents while burning.

APPLICATIONS

Briquettes solid fuel known as bio-coal can be used by the industrial, commercial and household domestic sectors. It is used in the following areas to generate the energy. Briquettes are widely used for any thermal application where coal can be utilized i.e. steam generation in boilers, heating purpose etc. They are used as a flammable material in brick kilns, paper mills, chemical plants, distilleries, pharmaceutical units, dyeing houses, food processing units, oil mills etc.

Bio-coal is used as fuel for biogas generation, which have shown very encouraging results and can be used to drive engines, generating sets and may eventually replace coal based producer gas systems and oil firing in furnaces. Bio coal is a forth coming fuel of the world. It's a high quality asset towards economical, ecological, & advanced environmental company policy.

Briquette fuel is an ideal and ready substitute for coal and fire wood and lignite etc. and easily replaces these conventional fuels for heating or steam generation etc.

MARKET SURVEY

Biomass market in India is growing steadily as new initiatives are being taken and investments start flowing in. Additionally, the government is giving various incentives and subsidies to promote the usage of biomass power. These measures can go a long way if the gap in demand and supply needs to be bridged and India has to attain energy security.

India produces about 450-500 million tons of biomass per year. Biomass provides over 30% of all the primary energy used in the country at present. It is estimated that the potential in the short term for power from biomass in India varies from about 18,000 MW, when the scope of biomass is as traditionally defined, to a high of about 50,000 MW if one were to expand the scope of definition of biomass.

The current share of bio-fuels in total fuel consumption is extremely low and is confined to just 5% blending of ethanol in gasoline, which the government has made mandatory in 10 states. Currently, biodiesel is not sold on the Indian fuel market, but the government plans to meet 20% of the country's diesel requirements by 2020 using biodiesel.

COST ESTIMATION

Capacity	: 3600 MT/Annum
Plant & Machinery	: 16 Lakhs
Total Capital Investment	: 161 Lakhs
Rate of Return	: 45.64%
B.E.P.	: 37.83%

GUAR GUM

Guar seeds or *Cyamopsis tetragonoloba* termed as Guar Gum. Guar gum is a white to yellowish white powder. Guar gum as natural gums is advantages as natural gelling agent for

different industrial purpose. Guar Gum and its derivatives are widely used in various industries as per its needs. It is used in industries such as food, animal feed, textile, pharmaceuticals, personal care, health care, nutrition, cosmetics, paper, explosives, mining and oil drilling. The guar seed is typically made up of 40% to 46% germ, 38% to 45% endosperm, and 14% to 16% husk. Guar gum is prepared by removing the husk and germ portions before extracting the gum from the endosperm, to yield high-purity powder products of varying granulation and viscosity.

PROPERTIES

Guar Gum is a white to yellowish white powder and is nearly odorless. Guar gum is a cold water soluble polysaccharide, consisting of mannose and galactose units. This ability to hydrate without heating makes it very useful in many industrial and food applications. Dissolved in cold or hot water, guar gum forms a slime of high viscosity. Guar's viscosity is a function of temperature, time, and concentration.

Guar gum is an economical thickener and stabilizer. It hydrates fairly rapidly in cold water to give highly viscous pseudo plastic solutions of generally greater low-shear viscosity when compared with other hydrocolloids and much greater than that of locust bean gum. Guar gum has a polymeric structure, containing several hydroxyl groups. The various derivatives or industrial grades of Guar gum are manufactured by reaction of these hydroxyl groups with chemicals that aid in dispersion, control viscosity, causing gelling and act as preservatives

USES & APPLICATION

Guar gum is one of the best thickening additives, emulsifying additives and stabilizing additives. In Food Industry Guar gum is used as gelling, viscosifying, thickening, clouding, and binding agent as well as used for stabilization, emulsification, preservation, water retention, enhancement of water soluble fiber content etc. Some food products in which guar gum is used ice cream, soft drinks & concentrates puddings, chocolate milk, flavored milks, jams, jellies, fruit spreads, jelly sweets, bread, biscuit and other baked foods, ham and sausages, soft cheese and cheese spreads, canned or retorted food of fish and meat etc.

Guar gum is used in pharmaceutical industries as gelling/ viscosifying/thickening, suspension, stabilization, emulsification, preservation, water retention/water phase control, binding, clouding/bodying, process aid, pour control for following applications. In tablet manufacturing it is used as a binder and disintegrating agent and in micro-encapsulation of drugs.

MARKET SURVEY

India produces 600000 tons of guar annually i.e. the maximum level of production in the world. It contributes to around 80% share in the world's total production. Guar is largely consumed as a vegetable in the Indian subcontinent. It is also used in making pickles. 25000 tons of the total production in the country constitutes the domestic market. Guar gum has a vast range of industrial applications and the major share of demand comes from various industrial sectors only. India is the leading net exporter of guar seeds and guar gum. The country exports over 117000 tons of

guar and its derivatives, which is comprised by 33000 tons of refined split guar gum, and 84000 tons of treated and pulverized guar gum.

COST ESTIMATION

Capacity	: 2880 MT/annum
Plant & Machinery	: 156 Lakhs
Total Capital Investment	: 649 Lakhs
B.E.P.	: 43.93 %
Rate of Return	: 41.85 %

INTEGRATED AND COMPOSITE TEXTILE UNIT

The textile industry occupies a leading position in the hierarchy of the Indian manufacturing industry. It was estimated to contribute 14% to industrial output, 4% to GDP and about 11% to India's export earnings. Besides, it provides direct employment to over 35 mn people and is the second biggest employer. Its direct linkages with the rural economy, being dependent on fibre crops, is also closely linked with diverse crafts, such as those using cotton, wood and silk and handlooms employing millions of farmers and craftsmen in rural and semi-urban areas.

In the global context, the industry accounts for 61% of loomage, 22% of spindleage, 12% of the production of textile fibres and yarn, and 25% share in the total world trade of cotton yarn.

VARIOUS UNITS OF TEXTILE INDUSTRY

The textile industry is classified into (i) textile mills comprising composite and spinning mills in the organized sector; (ii) small powerloom and handloom units in the decentralised sector; (iii) khadi-based units; (iv) manmade and synthetic fibre and spinning units; (v) knitting units; and (vi) made-ups (garments). The industry is made up of small-scale, non-integrated spinning, weaving, finishing and apparel-making units as well integrated composite mills. Of the nearly 2700 units engaged in spinning yarns, 1135 are small scale. The weaving units numbering 4.8 mn have only 10,000 units in the organized sector, while the rest are engaged in handlooms (3.9 mn) and powerlooms (1.8 mn). Of the 3,300 processing units, nearly 2,100 are independent small units, while the fabricators of garments number 77,000 small scale units.

MARKET SCENARIO

Cotton yarn production in India declined marginally from 2.21 mn tonnes in 2001-02 to 2.18 mn tonnes in 2002-03. Thereafter, there has been a steady increase to over 2.7 mn tonnes in 2006-07. The production for 2007-08 is estimated at 2.9 mn tonnes.

Blended yarn, which has a sizable blending with cotton yarn, has remained under 6 mn tonnes for most of the years between 2002-03 and 2005-06. It had earlier peaked at 6.5 mn tonnes in 2000-01. Lately, there has been some improvement. The production in 2006-07 and 2007-08 is estimated at 6.35 and 7 mn tonnes, respectively. The overall share of cotton in all yarn production is around 75%.

Compared with the industry in other countries the Indian textile industry is endowed with some inherent advantages, such as abundance of raw material and cheap labour. As a result, India is the second largest cotton trader after the USA, having the largest area (9 mn hectare) under it. Shifting to BT cotton has helped in boosting production from 15.8 mn bales in 2001-02 to an estimated 31 mn bales in 2007-08.

COST ESTIMATION

Capacity	: 57.6 Lakh No.s/annum
Plant & Machinery	: 1843 Lakhs
Cost of Project	: 5095 Lakhs
Rate of Return	: 17%
B.E.P.	: 53%

INVERT SUGAR ENZYME-BASED

Invert Sugar (invert sugar syrup) is pale (golden yellow) colored sweetener prepared by the acid hydrolysis/enzymatic hydrolysis of a solution of white refined sugar. 'Invert Sugar Syrup' or 'Invert Syrup' as it is commonly known; is an equimolecular ratio of glucose and fructose in aqueous form. The Product is made from cane sugar or cane juice. Invert sugar contains equal proportions of the invert (reducing) sugars: glucose and fructose. It has wide application and is particularly useful where high concentrations of invert sugars are required.

The crystal-inhibiting characteristics and humectants property (retention of moisture) means that the shelf life of many products can be extended by the use of Invert Syrup in product formulations. It has a high degree of sweetening power relative to sucrose.

APPLICATION

Invert sugar has its application in many industries such as beverage & distillery industries, bakery & general industries, tobacco industries, honey industries, pharmaceutical industries etc.

- Invert sugar is used to substitute granulated sugar or honey between 10 and 50% of its weight according to desired usage or effect. Apart from that, invert sugar has double the bacteriological potential of sucrose therefore reducing the need for preservatives.
- Invert sugar can be used in any recipes that contain granulated sugar, which is well known for its hardening effect on the products it is found in. In addition, invert sugar absorbs water and retains it, which is why it is a good humidifying agent as it keeps dishes moist for much longer.
- It can also be used in any confectionery or ice-cream formula to partially substitute granulated sugar and also honey in certain specialties
- Invert sugar can be used in combination with other humidifying agents, increasing its ability to retain moisture.
- For caramelization and enhanced flavor. Better texture.

MARKET SURVEY

The Invert sugar is greater in demand than pure glucose as food and drink sweeteners, because fructose is sweeter than glucose. Main consumers of Invert Sugar are the baking, beverages, canning, confectionery and dairy industries.

COST ESTIMATION

Capacity	: 3000 MT/Annum
Plant & Machinery	: 127 Lakhs
Total Capital Investment	: 389 Lakhs
Rate of return	: 25.39 %
B.E.P	: 61.86 %

MAGNESIUM OXIDE -
Dead Burned Magnesia (DBM)

Magnesium oxide is the most important industrial magnesium compound with its main application in the steel and refractory



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industry. It is also largely used in many other industrial sectors including the food and animal feed industries.

Magnesia or magnesium oxide is an alkaline earth metal oxide. The majority of magnesium oxide produced today is obtained from the calcination of naturally occurring minerals, magnesite, $MgCO_3$, being the most common. Both $MgCO_3$ and $Mg(OH)_2$ are converted to MgO by calcinations. Sintered magnesia (MgO i.e., dead burned magnesia: DBM) is produced through a sinter burning process at C temperature ranges of 1600 – 2200 Different types are defined by the content of lime in the raw material, which is in the range of <2 – 35% and the SiO_2 content, which in general is required to be low. Special uses also require very low contents of iron. The product is characterized by a cubic crystal structure with an apparent density as a rule in the range of 3.05 – 3.45 g/cm³ and with crystal dimensions in a range of 30 – 200 pm. Sintered magnesia or dead burned magnesia is produced as grains or briquettes. Starting from magnesium carbonate, by a high temperature decarbonisation reaction, magnesium carbonate itself may be obtained from magnesite mines (natural or dry process route). The raw materials for the production of magnesium oxide are natural magnesium carbonate.

APPLICATIONS

Sintered or dead burned magnesia is primarily used in the refractory industry. Example areas of application for refractory products using magnesia are:

In the steel industry, for electric arc furnaces, basic oxygen furnaces or other furnaces, steel converters, hot metal transport and machinery in the cement industry, for the inlets of preheaters, cement kilns and coolers in the non-ferrous metal industries. For furnaces in the lime industry, e.g. for the inlets of lime kilns in the glass industry, e.g. for melting furnaces, regenerator chambers.

It is chiefly used in the manufacturing of refracting bricks for furnace lining. A mixture of magnesia and asbestos is used as a lagging for steam pipe, to retard the loss of heat by radiation. It is a component of sorer's cement. The steel industry, e.g. for electric arc furnaces, basic oxygen furnaces or other furnaces, steel converters, hot metal transport and machinery, in cement industry, e.g. for the inlets of preheaters, cement kilns and coolers. The non-ferrous metal industries, e.g. for furnaces, the lime industry, e.g. for the inlets of lime kilns, the glass industry, e.g. for melting furnaces, regenerator chambers, for caustic calcined magnesia, the main applications can be found in agricultural industry as feed or fertilizer, the steel production industry as slag conditioner, the construction industry as floor covering and for insulation, the manufacture of cellulose, paper, chemicals, pharmaceuticals, flame-proofing and sweeping materials, the environmental protection industry.

MARKET SCENARIO

The consumption of Magnesium Oxide for refractory material is about 55-65 % and 15% in cement industry and rest for other uses. Based on a worldwide magnesia production shows the sector specific consumption of magnesia in different industries including the synthetic magnesia industry. Magnesia is mainly used for the production of refractory products. 65 % of magnesia used for refractories is produced in order to be used in the steel industry, 15 % in the cement industry, 7 % of

magnesia production is used for other refractory applications, such as in the non-ferrous metals industries or in the glass industry and finally 13 % of total production is used for s are known – most of them are for CCM. The main applications can be found in agriculture as feed or fertilizer, in the construction industry as floor covering and for insulation, in the manufacture of cellulose, paper, chemicals, and pharmaceuticals, flame-proofing and sweeping materials as well as in environmental protection

COST ESTIMATION

Capacity	: 3 Lakh MT/Annum
Plant & Machinery	: 6203 Lakhs
Total Capital Investment	: 10375 Lakhs
Rate of Return	: 47 %
B.E.P.	: 75 %

VACUUM DISTILLATION OF CRUDE COAL TAR

(Specifically Creosote Oil)

Vacuum distillation is the distillation process of separating liquids boiling above 150°C at 1 atm from Nonvolatile impurities. Another liquid is boiling at least 25°C higher than the first. For vacuum distillation of crude coal tar, (specifically creosote oil), the crude coal tar is produced from coke ovens of steel plant, 50% of this crude coal tar in pitch. Coal tar is essentially the thick & black viscous liquid which is obtained by the carbonization of coal, and is a by-product in the ordinary manufacture of coal gas. It should be differentiated from all the other forms of tar. Its composition varies enormously according to the mode of its formation in the gas or coke works.

PROPERTIES

Coal tars are by-products of the destructive distillation (carbonization) of coal to produce coke or gas. The composition and properties of a coal tar depend primarily on the temperature of the carbonization and to a lesser extent on the nature (source) of the coal used as feedstock. In general, coal tars are complex combinations of hydrocarbons, phenols, and heterocyclic oxygen, sulfur, and nitrogen compounds. Coal tars typically are black or almost-black viscous liquids or semisolids with a characteristic naphthalene-like odor. They are slightly soluble in water, partially soluble in acetone, carbon disulfide, chloroform, diethyl ether, ethanol, methanol, petroleum ether, and sodium hydroxide, and soluble in benzene and nitrobenzene. Low-temperature coal tars (formed at temperatures below 700°C) are black, viscous liquids that are denser than water and contain a lower percentage (40% to 50%) of aromatic compounds than high-temperature coal tars. Coal tars are highly flammable and corrosive, and toxic gases may be released when they burn. Their vapors can form explosive mixtures with air.

USES & APPLICATIONS

Coal tars and coal-tar pitches have many uses in industry and in consumer products. Coal tars are used primarily for the production of refined chemicals and coal-tar products, such as creosote, coal-tar pitch, and crude naphthalene and anthracene oils from the distillation of crude coal tar. Coal tar has been used as a fuel in open-hearth furnaces and blast furnaces in the steel industry, as a binder and filler in surface-coating formulations, and as a modifier for epoxy-resin surface coatings. Coke-oven pitch is used to produce pitch coke, which is used as the carbon component of electrodes, carbon brushes, and carbon and graphite articles. Distillation fractions and

residues from high-temperature coal tars are used for road paving and construction and in the production of naphthalene, recovery of benzene, production of anthracene paste, briquetting of smokeless solid fuel, impregnation of electrodes and fibers, and manufacture of electrodes and graphite.

MARKET SCENARIO

The downstream markets of coal tar mainly include coal tar deep-processing (phenol, anthracene, industrial naphthalene, and coal tar pitch), carbon black, substitute for heavy oil and exportation. Among these applications, coal tar consumption for deep processing ranked No.1 with 66.4% of the total consumption volume in 2009, followed by carbon black raw oil sharing 28.1% of the total. During 2005-2011, China's coal tar deep processing capacity increased from 5.4 million tons to 16.35 million tons, with a CAGR of 20.3%. From 2010 to Q1 2012, the capacity of the coal tar deep-processing projects planned or construction totaled 8.50 million t/a.

COST ESTIMATION

Capacity: Creosote Oil	1875MT/Annum
Phenolic or Carbolic Oil	300MT/Annum
Naphthalic Oil	900MT/Annum
Wash Oil	600MT/Annum
Light Oil	75MT/Annum
Medium Soft Pitch	3750MT/Annum
Plant & Machinery	: 149 Lakhs
Total Capital Investment	: 323 Lakhs
Rate of Return	: 26 %
B.E.P.	: 33 %

WALL PUTTY

Wall Putty is white cement & mineral based putty for use on cement concrete - mortar interior/exterior walls for smoother & stronger adhesion and best suited to minimize paint cost and extend its durability. It is white cement based fine powder which provides an ideal finishing for concrete/cement plastered walls and ceiling. It provides an ideal base for painting. Also it is a high grade quality based on latex emulsion, and high solids content to provide excellent smoothing and filling properties to small halls cracks. Ideal for filling joints and pores surfaces which can be applied by putty knife or steel trowel to provided excessive thickness are not applied in application. Caulking compounds, putties and same cements have a boiled drying oil, usually combine with resins that act as the binder putty is the thick mixture of finally powdered calcium carbonate (whiting) and acid refined linseed oil which imparts good wetting and grinding characteristics.

Wall Putty is used to smoothen the surface, to fill the fine pores on the wall surface, to provide firm base for subsequent paint. Wall putty give an elegant look / Aesthetic appeal, more coverage for subsequent costly paints and they protect the wall.

There are variegated types of putties for wood too. For glazing wood & filling holes and cracks on the surface, of timber or metal, a stiff paste of linseed oil and whiting is used. This composition is the traditional putty. It is sometimes modified by the addition of small amounts of white lead in oil. So called commercial putty contains more or less mineral or other oil instead of linseed oil.

USE AND APPLICATION

Wall Putty is an outstanding product which is used for interior and exterior plaster, concrete, gypsum plaster gypsum and board; when dry, can be sanded

to a smooth finish ready to accept to recoat.

Ensure that the surface to be painted is free from any loose paint, dust, oil or grease. Any previous growth of fungus, algae or moss needs to be removed thoroughly by vigorous wire brushing and cleaning with water. Ensure that surface is totally clean. Ensure that surface plastered or made with cementitious material and the surface should be moderately rough and in just-wet condition.

MARKET SCENARIO

The demand for wall putty is always on the higher side due to its heavy consumption. As the construction work and industrialization in our country is being done in rapid strides, this eventually leads to higher consumption of putty. In future, the constructions and industrial buildings, etc. are likely to increase tremendously as a result the demand will increase simultaneously.

One of the world's largest and fastest growing cement industries, the Indian cement industry has been expanding significantly on back of rising infrastructure activities, increasing demand from housing sector, and construction recovery. According to our latest research report, the recent developments in the industry along with the strong support of government are attracting the global cement giants. We have estimated that the total cement installed capacity of India is to increase with a CAGR of around 7% during 2012-13 to 2014-15.

COST ESTIMATION

Capacity	: 11100 MT/annum
Plant & Machinery	: 35 Lakhs
Total Capital Investment	: 732 Lakhs
Rate of Return	: 51.10 %
B.E.P.	: 26.16 %

WELDING ELECTRODE

Welding electrode is a delicate tool which while in use combines physical, chemical, and metallurgical processes of the flux, core wire and parent metal to achieve a durable weld joint or surfacing. With advent of electronically controlled welding equipments and use of gas as shielding medium the construction of welding electrode has simplified considerably. For mass welding jobs solid continuous welding wires find increasing application. Welding electrodes are used in joining, surfacing and their variety is large while the in raw material requirement being very specific. Welding electrodes are used in welding various metals in the fabrication of equipment for chemical & Allied industries, construction of steel structures such as bridges, factory sheds, in the manufacture of ships, Vehicles and engineering equipment. Mild steel is welded by electrodes to a maximum among all the metals & alloys. Therefore M.S. Welding Electrode is the most widely used core wire. Besides this, special grade electrodes are being developed for specific applications.

Welding electrodes comprise basically of steel core wire and coating ingredients or flux mild steel core wires are used in majority of unalloyed steel electrodes. Besides mild steel, nickel, Nickel-copper, Nickel irons are also used in MIG & TIG welding. Stainless steel wires are also used for welding in fertilizer, chemical & surgical instrument making industry. Coating ingredients are basically rutile, potassium silicate, sodium silicate and minerals like quartz, calcite and mica. Ferro-alloys are also used in

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BOOKS ON CULTIVATION OF HERBS/MEDICINAL AND AROMATIC PLANTS

HERBS CULTIVATION & MEDICINAL USES



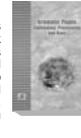
This book contains the Cultivation of different herbs with coloured photographs of various herbal plants. The book also includes the habitat, constituents, action and use in Ayurveda, Siddha and Unani medicines. ₹ 975/- US \$100

HAND BOOK ON HERBS CULTIVATION AND PROCESSING



The book covers systematic account of most plants used in medicines. This is an indispensable book which provides cultivation techniques of various herbs with their processing. The text of each plant is divided in to two portions: the first devoted to the description to the species, its localities and other purely botanical matter and the second to the general character, composition, properties which are employed in medicines otherwise. ₹ 875/- US \$100

Aromatic Plants Cultivation, Processing And Uses



In recent years, there has been a tremendous growth of interest in plant based drugs, pharmaceuticals, perfumery products, cosmetics and aroma compounds used in food flavours and fragrances and natural colours in the world. There is a definite trend to adopt plant based products due to the cumulative derogatory effects resulting from the use of antibiotic and synthetics and except for a few cultivated crops, the availability of plant based material is mainly from the natural sources like forests and wastelands. ₹ 975/- US \$100

Cultivation and Processing of Selected Medicinal Plants



Ayurveda, the well known indigenous system of medicine, is still regarded as a well organised traditional health care for large sections of rural as well as urban population of India. The medicinal plants sector at present is not well organised and needs special attention. Although different Ministries and Department in the Government sector and NGOs and individuals in the private sectors are making their efforts in different directions, yet there is a need to co-ordinate any systematize. The present book covers cultivation

practices of selected commercially important medicinal plants with their processing details and uses. The book is very useful for medicinal plants growers, professionals, researchers, entrepreneurs and agriculture universities. ₹ 1175/- US \$125

Compendium Of Herbal Plants



Herbal plants have been used for medicinal applications from earliest time, when man began caring for his body and health. Ayurved, Siddha, Unani and Homeopathy are largely based on the plants. The emphasis of development of new biologically active molecule has been gradually replaced by use of total herbs as medicine and food supplements. Now herbal based products has very good present and future prospects in international market. The present book throw lights on hundreds of herbal plants with their photographs, which has good medicinal values. This is very useful book for agriculture universities, researchers, cultivators, ayurvedic pharmacies etc. ₹ 975/- US \$100

The Complete Technology Book on Flavours, Fragrances, and Perfumes



Many studies have been carried out on fragrances, flavours and perfumes worldwide. These products have important commercial value not only in India but in all over the world. Perhaps the most interesting of the last few years in the fragrance and flavour fields are the many compounds described in this book. They may be used to engender or augment flavours in foodstuff, chewing gums and medicinal products like mouthwash and toothpaste. ₹ 1675/- US \$150

HERBS CULTIVATION & Their Utilization



India is one of the leading Herbs producer and exporter in the world. This book covers the comprehensive information on Herbs Cultivation & their utilization. ₹ 800/- US \$100

MEDICINAL PLANTS Cultivation & Their Uses



The book covers different Parameters of Medicinal Plants Cultivation and various ways of their uses. It covers Medicinal Plants containing alkaloids, steroids, flavonoids, glycosides, terpenoids, additives and other active metabolites. ₹ 975/- US \$100



CULTIVATION AND UTILIZATION OF AROMATIC PLANTS

Aroma has played a vital role, directly as well as indirectly, in the life of human beings since its appearance on the earth as a result of evolution. India, Egypt and Persia were amongst the first countries to have conceived the process of distillation of essential oils. The aim of publishing this book is to provide multidisciplinary information on aromatic plants. ₹ 1100/- US \$125

BOOKS ON ELECTROPLATING, ANODIZING, PHOSPHATING, POWDER COATING

Electroplating, Anodizing & Metal Treatment Hand Book



Electroplating & Metal finishing both are art and science. This book is concerned with chemical, physical, electromechanical and Electroplating processes. Electrodeposition of metal is a very significant industrial process. A large number of metals are electrodeposited on metals and nonmetals. The general principles, processes preparatory to heating like degreasing, cleaning, pickling etc. are all delineated. This

book comprises various formulae of bath solutions, current density, deposit thickness, manufacturing processes, various ingredients used in Electroplating and other plating processes. ₹ 1475/- US \$150

The Complete Technology Book on ELECTROPLATING, PHOSPHATING, POWDER COATING AND METAL FINISHING



There is hardly any techno-industrial activity which is as popular, as useful, as universal as employment oriented as the practice of plating and metal finishing. It exists in cottage industries, small scale industries or even medium scale and large scale industries. Electroplating and Metal Finishing concerns itself with the development and applications of processes and plants for the deposition of metals, alloys, composites and non-metallic coatings. These coatings are used for decorative, protective and functional applications. Most of the recent developments are with respect to such coatings. Components are designed on grounds of weight savings and cost savings. Metal finishing has now come to be known as "Surface Engineering." In addition to the decorative aspects, metal finishing aids the protection of metals and alloys from corrosion and rusting. A great potential exists for development of new materials involving, for example, coatings of metals composites, particle-incorporated anodic coatings and even films of sapphire-like materials, porous films of niobium etc. and coatings of refractory metals like molybdenum and tungsten. Industries in developing countries like India have to be increasingly aware of the need not only for upgradation of existing technologies but also for indigenisation of new technologies on a time-bound basis. ₹ 1100/- US \$125

BOOKS ON STEEL/ALUMINIUM

The Complete Technology Book On HOT ROLLING OF STEEL



Although the cold rolling of non-ferrous materials has been practiced since the fourteenth century, the hot rolling of steel was begun in the latter half of the seventeenth century or just over 300 years ago. The subject of hot rolling is broad enough even if confined solely to the deformation processes themselves. However, many of the problems occurring in hot rolling originate in earlier processes, such as casting, soaking and the conditioning and reheating of semi finished products.

For this reason, it was felt desirable to discuss these topics in some detail in this book. ₹ 1575/- US \$150



Steel Rolling Technology Handbook

The steel industry has had a long history of development, yet, despite all the time that has passed, it still demonstrates all the signs of longevity. New ideas continue to revolutionize the steel-producing process today as much as they did a hundred years ago. The present book covers latest technology of steel rolling, which will give a new path to entrepreneurs and existing units. ₹ 1100/- US \$125

THE COMPLETE TECHNOLOGY BOOK ON ALUMINIUM AND ALUMINIUM PRODUCTS



Aluminium, the second most plentiful metallic element on the earth, became an economic competitor in engineering applications as recently as the end of 19th century. It was become a metal for its time. Aluminium possesses many characteristics that make it highly compatible with recycling. Aluminium is resistant to corrosion and it thus retains a high level of metal value after use, exposure, or storage. Once produced, aluminium can be considered a permanent resource for recycling, preferably in to similar products. The present book covers the need within the industrial and academic

communities for up-to-date information about production of aluminium and extrusion process due to the ever-increasing use of this technology. The book provides concepts in the different areas of extrusion technology. It is hoped that its presentation will be very helpful to new entrepreneurs, technocrats, research scholars, libraries and existing units. ₹ 1450/- US \$ 150

The Complete Book On

Ferrous, Non-Ferrous Metals with Casting and Forging Technology



The heat treatment of ferrous (steel) Metal is based on the physical metallurgical principles which relate processing properties and structure. In heat treatment, the processing is most often entirely thermal and modifies only structure. The principles which govern heat treatment of metals and alloys are applicable, of course, to both ferrous and non-ferrous alloys. However, in practice there are sufficient differences to make it convenient to emphasize as separate topics the peculiarities of the alloys of each class in their response to heat treatment. The Present book covers production processes, heat treatment and other valuable details of ferrous and non-ferrous metals. ₹ 1575/- US \$150

WASTE MANAGEMENT

PRODUCTS FROM WASTE INDUSTRIAL & AGRO WASTE



We have made a sincere effort to bring out this book which is a key to the gold-mine which can be obtained from waste. For the conservation of our environment and sustainable development, we have tried to bring about a solution. This book is a careful attempt in bringing together some selected articles from both

entrepreneurs and specialists on all that is possible in the field of waste management. We have also tried to chalk out all that can be done under the government policies and how constitution has tried to help in the conservation of environments. ₹ 975/- US \$ 100

Modern Technology of WASTE MANAGEMENT



POLLUTION CONTROL, RECYCLING, TREATMENT & UTILIZATION

The utilization of resources and generation of waste is for waste is for beyond the limit that the biosphere was made to carry. Infact, man today is caught in the vicious circle of increasing wants, declining resources and increasing waste being generated by the industries and municipalities is posing a problem of enormous dimensions. The domestic and industrial effluents are contributing in enhancing this problem. It might become the biggest problem if it is not dealt with immediately. ₹ 975/- US \$ 100

Medical, Municipal and Plastic Waste Management HANDBOOK



Waste management is one of the essential obligatory functions of the country. This service is falling too short of the desired level of efficiency and satisfaction resulting in problems of health, sanitation and environmental degradation. This book provides overview of the status of medical, municipal and plastic waste management. Treatment techniques includes sterilization, incineration and number of recycling methods. ₹ 1275/- US \$125

the formulations of fluxes.

USES & APPLICATIONS

Welding electrodes are extensively used in all type of mechanical process as joints two pieces in one, to give cylindrical shape to a flat sheet filling a small hole on the surface of the sheet. Usually electrodes are made of copper alloy or aluminum alloy to meet the mechanical strength and electrical thermal conductivity. Coater is used as coolant to extract extra heat and to prevent the oxidization of the material as well as the deformation of electrode tip.

A flux is used in almost all the brazing and prevents any type of reaction by atmosphere with the material to be welded by producing a flux around welding point. The flux also fills the material loss during welding process and prevents any change in material composition.

The brazing of the material becomes more and more difficult with decrease of melting temperature of the material. Electrodes, used for welding mild steel, are divided into following parts according to the type of flux.

Welding electrodes are used in different industries viz.

- Thermal, hydel & nuclear power plants
- Petrochemical Industry
- Oil & water pipe lines
- Industrial machinery
- Heavy engineering
- Transportation
- Fertilizers and

MARKET SCENARIO

The global market for welding machinery is forecast to reach US\$ 12.8 billion by the year 2015, fueled by demand from energy sector/wind turbine construction, machinery repair & maintenance and expanding manufacturing requirements. In addition, technological advancements and greater automation will set the momentum for future growth in the industry.

COST ESTIMATION

Capacity	: 1500 MT/annum
Plant & Machinery	: 40 Lakhs
Total Capital Investment	: 377 Lakhs
Rate of Return	: 47.12 %
B.E.P.	: 32.11 %

HOSPITAL

A private hospital is a place where one may get treatment from ordinary fever to a major surgery operation. As a matter of fact, no limitation has been made for the facilities available in a hospital. However, generally all private hospitals are provided with latest facilities and ultra modern machines. In a hospital, surgeons, physicians, E.N.T., specialists, children specialist, Eye-surgeon, psychologists and sex-specialist are essential. Presently, every city or town in India has no. of private hospitals furnished with latest medical facilities available and with more qualified surgeons, physicians and specialist doctors. Even sometimes, they are furnished with more modern machines than those available in the nearby Government Hospital. These hospitals can be seen well crowded as they provide very good service at a smile. As they are run by privates very good medical care is provided by them.

DEVELOPMENT IN HEALTHCARE INDUSTRY

The Indian healthcare industry is undergoing phenomenal expansion. Private hospitals and

continued investment in the public health programmes are driving the boom. Together, this health infrastructure serves a population of over 1 billion, growing at about 2 per cent annually. India's over 300 million strong middle class, is driving unprecedented demand for quality healthcare.

MARKET SCENARIO

Based on the health indicators for India released by the WHO, CRISIL Research estimates the Indian healthcare delivery industry to reach Rs 2.3 trillion in 2010-11. As healthcare coverage across the country increases, the industry is expected to register a CAGR of 12 per cent to reach Rs 4.2 trillion in 2015-16. As private investments have been skewed towards in-patient department (IPD) treatments, its share in the overall market is expected to increase from 64 per cent in 2010-11 to 66 per cent by 2015-16.

The growth in demand for healthcare delivery services will be mainly driven by a combination of various factors including changing demographics, increasing income levels, greater health awareness and increasing health insurance coverage. Investments of over Rs 5.6 trillion required to attain healthcare delivery benchmarks. India lags behind several global benchmarks for healthcare delivery. In terms of both healthcare infrastructure and manpower, India ranks below even developing countries like China, Thailand, Sri Lanka and Vietnam in terms of both beds to population and physicians to population ratios. In order to meet the global median of 24 beds per 10,000 population, as per WHO statistics, investments of Rs 5.6 trillion would be required over the next 5 years.

COST ESTIMATION

Capacity	: 100 BEDDED HOSPITAL
Plant & Machinery	: 3889 Lakhs
Total Capital Investment	: 5275 Lakhs
Rate of Return	: 19.04 %
B.E.P.	: 57.99%

ETHYLENE PROPYLENE RUBBER

Ethylene propylene rubber (EPR) is an elastomer and has useful chemical and physical properties; it is resistant to heat, oxidation, ozone and the weather and it is also not susceptible to colour loss. Ethylene-propylene rubbers are valuable for their excellent resistance to heat, oxidation, ozone and weather aging due to their stable, saturated polymer backbone structure. Properly pigmented black and non-black compounds are color stable. As non-polar elastomers, they have good electrical resistivity, as well as resistance to polar solvents, such as water, acids, alkalies, phosphate esters and many ketones and alcohols. Amorphous or low crystalline grades have excellent low temperature flexibility with glass transition points of about minus 60°C.

APPLICATIONS

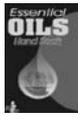
Ethylene-propylene rubbers use the same chemical building blocks or monomers as polyethylene (PE) and polypropylene (PP) thermoplastic polymers. These ethylene (C2) and propylene (C3) monomers are combined in a random manner to produce rubbery and stable polymers. A wide family of ethylene-propylene elastomers can be produced ranging from amorphous, non-crystalline to semi-crystalline structures depending on polymer composition and how the monomers are combined.

Because ethylene-propylene rubber (EPR)

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BOOKS ON ESSENTIAL OILS & PERFUMES



Essential Oils Handbook

With the development of science and technology, essential oils are becoming popular due to its uses in the manufacturing of different products. This versatile book takes recourse to most pragmatic formulae on diversified essential oils. Rs. 1275/- US \$125



The Complete Technology Book of ESSENTIAL OILS (Aromatic Chemicals)

The book contains formulae, processes, test parameters of different types of essential oils derived from different natural sources. Rs. 1275/- US \$125



Modern Technology of PERFUMES, FLAVOURS & ESSENTIAL OILS 2nd Edition

This versatile publication takes recourse to most pragmatic formulae on diversified perfumery products, flavours, essential oils etc. Overall, the book furnishes complete formulae with processes/technicalities which are immensely innovative and profoundly utilitarian for new entrepreneurs as well as motivate the existing units in quality improvement and cost reduction. Flow diagrams for various methods of preparation are vivid representations of the process sequence. Sources of raw materials, plant and machinery are also given in the book. Rs. 975/- US \$100



The Complete Technology Book of Herbal Perfumes & Cosmetics 2nd Revised Edn.

The versatile book takes recourse of pragmatic formulae of diversified herbal perfumes and cosmetics. Overall, the book contains formulae, processes, technicalities. Rs. 1275/- US \$125

BOOKS ON AGRICULTURE

The Complete Book on Jatropha (Bio-Diesel) with Ashwagandha, Stevia, Brahmi & Jatamansi Herbs (Cultivation, Processing & Uses)

Jatropha belonging to the family Euphorbiaceae is a multipurpose shrub or small tree of significant importance because of its several industrial and medicinal uses, where as Ashwagandha, Stevia, Brahmi and Jatamansi are the important herbs which have very good medicinal values. The present system of medicine is gradually gaining popularity mainly because of less or no toxic or side effects of herbal drugs. So, these herbs have very good future prospects globally. This book contains cultivation, processing and uses of Jatropha, Ashwagandha, Stevia, Brahmi and Jatamansi. Rs. 1500/- US \$150



The Complete Book on Coconut & Coconut Products (Cultivation and Processing)

Coconut plays an important role in the economic, social and cultural activities of millions of people in our country. India is a major producer of coconut in the world. Coconut provides food, edible oil, industrial oil and health drink to humanity. All parts of coconut tree is useful in one way or other and the crop profoundly influences the socio-economic security of millions of farm families. The present book contains the methods of cultivation and processing of coconut. Rs. 975/- US \$100



Tropical, Subtropical Fruits & Flowers Cultivation

Plant propagation is an important aspect of agriculture in general and horticulture in particular. This book contains new methods for cultivation of tropical, subtropical fruits and flowers. Rs. 1075/- US \$125



CULTIVATION OF FRUITS VEGETABLES AND FLORICULTURE

The study of fruit and vegetable production, is a subject of enormous scope. It involves the integration of wide spectrum of disciplines. As the new technologies and developments become available, cropping system and production practices changes. Many principles and practices, that were common a few years ago may no longer be current. The purpose of this text is to provide complete, reliable, up to date information on the various phases of fruit and vegetable production in a systematic and convenient manner. Floriculture covers all the aspects related to the production and use of flowers and ornamental plants, flower seeds, bulbs etc. Rs. 1100/- US \$125



Cultivation of Tropical Subtropical Vegetables, Spices, Medicinal and Aromatic Plants

Plant species grown in tropical countries on small scale family farms or commercial farms, to provide food for humans or livestock, in dry or humid regions are highly abundant and taxonomically diversified. Vegetables comprise of a large number of plants, mostly annual, of which different parts like leaf, stem, flower bud, flower, fruit, root etc. are eaten. They are rich in nutrients and are essential items of a balanced diet. Vegetables are called protective food as their consumption can prevent several diseases. Rs. 1075/- US \$125



Handbook on Mushroom Cultivation and Processing (with Dehydration, Preservation and Canning)

Mushroom has been attracting attention of mankind since ancient times and use of mushroom, as food is as old as human civilization. It is very rich in protein, vitamins and minerals. Unfortunately, it is realised that mushrooms did not receive universal acceptance over the years since a number of naturally growing mushrooms are poisonous. In the new situation cultivated edible mushrooms are totally safe for human consumption. This book contains cultivation, processing, dehydration, preservation and canning of various species of mushrooms. Rs. 1275/- US \$125

BIOTECHNOLOGY

BIOTECHNOLOGY Hand Book

Biotechnology and cell molecular biology have developed and emerged in to a major discipline during last two decades. This is an unique book, concise, upto date resource offering an innovative, adoptive and valuable presentation of the subject. It covers all important biotechnological topics of industrial and academic interests. Rs. 1100/- US \$125



Enzymes Bio-Technology Hand Book

Enzymes are the focal point of biotechnological processes. Without them biotechnology as a subject would not exist. In this book you can find all the basic information required on the fundamental aspects of the enzymes, their chemistry, biochemistry as well as detailed information of their applications a wide variety of industrial processes etc. Rs. 1100 US \$125



Hand Book on BIO GAS and It's Applications

Energy from different sources, especially biomass has assumed great importance in development and under developed countries of the world. Most of the energy needed for cooking space heating and lighting etc. in rural area of such countries comes from biomass which have been used since long times. The book contains technology of bio-gas generation with its applications. Rs. 975/- US \$100

The Complete Technology Book on VERMICULTURE AND VERMICOMPOST

Vermiculture is a new development in biotechnology based product which helps to solve the partially pollution problems. Vermiculture is a mixed culture which contains on specific culture of soil bacteria mixed an effective strain of earth worms. All over world, from developed countries like USA, U.K, Russia and Japan, as well other to developing countries like China, Mexico, Brazil and Philippines etc, Earthworm culture, popularly called vermiculture is being widely practiced in big commercialised manner. In India too some companies have come up, but by and large general awareness remains lacking, despite fact that several non Governmental Organisations and Governmental Institution are trying hard to popularise the subject for adoption. Rs. 750/- US \$100



Plant Bio-Technology Hand Book

Micro propagation is a fast and suitable method for producing large number of similar plants of germplasm with in a short period. The book contains measurement of plant cell growth, plant tissue culture, initiation of embryo genesis in suspension culture, micro propagation in plants, genetic transformation of plants, isolation of plant DNA and many more. Rs. 1100/- US \$125



Handbook on FOOD BIOTECHNOLOGY

Biotechnology concerns the practical application of organisms or their components. Historically, Bio-technology was an art, involved in the production of wines, beers and cheese. Now a days it involves a series of advanced technologies spanning biology, chemistry and process engineering. The present book is an attempt towards the entrepreneurs to motivate them to invest in organic farming and processing in sophisticated manner by application of Bio-technology. Rs. 1100/- US \$125



The Complete Book on Biotechnology Based Bulk Drugs

The development of biotechnology is taking place in almost all fields of human life. The recent advances in the field of basic genetics have opened up new vistas, potentials and possibilities. The present book contains process of biotechnology based bulk drugs like penicillin, B lactam Antibiotics, Aminoglycoside Antibiotics, Peptide Antibiotics, Anti Cancer Agents, Lincomycin etc. This is very useful book for entrepreneurs, technocrats, research scholars, libraries etc. Rs. 1050/- US \$125



The complete Technology Book on BIO-FERTILIZER AND ORGANIC FARMING 2nd Edition

Bio-Fertilizers are natural fertilizers which are microbial inoculants of bacteria, algae, fungi alone or in combination and they augment the availability of nutrients to the plants. The use of bio-fertilizers, in preference to chemical fertilizers, offers economic and ecological benefits by way of soil health and fertility to farmers. In view of the immense potential of bio-fertilizers as a supplementary nutrient source for the crops, this book on bio-fertilizer technology covers all major types of bacterial fertilizers. Rs. 1400/- US \$150



Handbook on Plants and Cell Tissue Culture

Plant cell tissue culture is a rapidly developing technology which holds promise of restructuring agricultural and forestry practices. During the last two decades cell culture have made considerable advanced in the field of agriculture, horticulture, plant breeding, forestry, somatic cell genetics, phytopathology etc. The present book discuss about the methods of plant cell tissue culture. Rs. 1275/- US \$125



MEAT/FISHERIES

The complete Book on Meat Processing And Preservation with Packaging Technology

Meat, an excellent source of protein, iron and B vitamins, was processed as early as prehistoric times, probably by drying in the sun and later by smoking and drying over wood fires. Today, meat is processed with salt, colour fixing ingredients and seasonings in order to impart desired palatability traits to intact and comminuted meat products. Rs. 975/- US \$100



Preservation of Meat and Poultry Products

Food preservation is a method of maintaining foods at a desired level of properties or nature for their maximum benefits. Different preservation techniques are being developed to satisfy current demands of economic preservation and consumer satisfaction in nutritional and sensory aspects, convenience, absence of preservatives, low demand of energy and environmental safety. The present book contains various processes of meat and poultry preservation. Rs. 1100/- US \$125



Handbook of Fisheries and Aquaculture Technology

The fishery sector is important from Indian economy view point as it contributes a source of income to a number of fishermen and has huge export potential. A wide range of aspects of fresh water aquaculture such as selection of species of fish and shellfish, construction and preparation of various types of fish ponds, control of aquatic weeds and predators, production of seed fish and their transportation, fish nutrition and fish diseases and their control pertaining to composite fish culture, air breathing fish culture etc. have been dealt with a length for easy adoption. Rs. 1100/- US \$125

features excellent resistance to ozone, aging, chemicals & steam, excellent electrical insulation properties and cheap and easily available monomers, it is used for automotive parts, waterproofing membranes, wire and cable sheathings, heat-resistant hoses, belts, car seals, lubricant additives and polyolefins modification.

MARKET SCENARIO

Ethylene-propylene elastomers are one of the most versatile, fastest growing and interesting synthetic rubber polymers. Excellent resistance to heat, oxidation, ozone and weather aging are expected to provide continued value in demanding automotive, construction, and mechanical goods applications. Current and emerging advanced polymerization and catalyst technologies also provide the ability to design polymers to meet application and processing needs that are important to meeting the ever-increasing demands for product quality, uniformity and performance.

POLYPROPYLENE (PP)

Polypropylene (PP), also known as polypropene, is a thermoplastic polymer used in a wide variety of applications including packaging and labelling, textiles (e.g., ropes, thermal underwear and carpets), stationery, plastic parts and reusable containers of various types, laboratory equipment, loudspeakers, automotive components, and polymer banknotes. An addition polymer made from the monomer propylene, it is rugged and unusually resistant to many chemical solvents, bases and acids.

PROPERTIES

Most commercial polypropylene is isotactic and has an intermediate level of crystallinity between that of low-density polyethylene (LDPE) and high-density polyethylene (HDPE). Polypropylene is normally tough and flexible, especially when copolymerized with ethylene. This allows polypropylene to be used as an engineering plastic, competing with materials such as ABS. Polypropylene is reasonably economical, and can be made translucent when uncolored but is not as readily made transparent as polystyrene, acrylic, or certain other plastics. It is often opaque or colored using pigments. Polypropylene has good resistance to fatigue.

- Perfectly isotactic PP: Melting Point : 171 °C (340 °F).
- Commercial isotactic PP :melting point : 160 to 166 °C (320 to 331 °F),
- Syndiotactic PP : crystallinity of: 30% has a melting point of 130 °C (266 °F).

There are three general types of polypropylene: homopolymer, random copolymer, and block copolymer. The co-monomer is typically used with ethylene. Ethylene-propylene rubber or EPDM added to polypropylene homopolymer increases its low temperature impact strength. Randomly polymerized ethylene monomer added to polypropylene homopolymer decreases the polymer crystallinity and makes the polymer more transparent.

APPLICATION

Polypropylene is used in many different settings, both in industry and in consumer goods. It can be used both as a structural plastic and as a fiber. Polypropylene is used in the manufacturing piping systems; both ones concerned with high-purity and ones designed for strength and rigidity (e.g. those intended for use in potable plumbing, hydronic heating and cooling, and reclaimed water). This

material is often chosen for its resistance to corrosion and chemical leaching, its resilience against most forms of physical damage, including impact and freezing, its environmental benefits, and its ability to be joined by heat fusion rather than gluing. Since polypropylene is resistant to fatigue, most plastic living hinges, such as those on flip-top bottles, are made from this material. However, it is important to ensure that chain molecules are orientated across the hinge to maximise strength.

Very thin sheets of polypropylene are used as a dielectric within certain high-performance pulse and low-loss RF capacitors. Many plastic items for medical or laboratory use can be made from polypropylene because it can withstand the heat in an autoclave. Its heat resistance also enables it to be used as the manufacturing material of consumer-grade kettles. A common application for polypropylene is as biaxially oriented polypropylene (BOPP). These BOPP sheets are used to make a wide variety of materials including clear bags. Polypropylene, highly colorfast, is widely used in manufacturing carpets, rugs and mats to be used at home.

Polypropylene is widely used in ropes. Polypropylene is also used as an alternative to polyvinyl chloride (PVC) as insulation for electrical cables for LSZH cable in low-ventilation environments, primarily tunnels. Polypropylene is also used in particular roofing membranes as the waterproofing top layer of single-ply systems as opposed to modified-bit systems.

MARKET SCENARIO

There is a growing demand for propylene in the world today. The demand is driven primarily by the high growth rate of polypropylene, which is the main end use segment of propylene. The bulk of the propylene supply comes from steam crackers followed by the Fluid Catalytic Cracking (FCC) units in refineries. The supply of propylene from these processes is unable to meet the increasing demand. Most of the new steam cracker capacity is coming up with ethane feedstock, which produces little propylene and there is limited capacity expansion for FCC units. Thus, there is an increased dependability on purpose propylene technologies such as propane dehydrogenation, olefin metathesis and Methanol to Propylene (MTP) to meet the increased demand for propylene.

ACETYLENE GAS PLANT

Acetylene is an endothermic compound, its heat of formation being nearly 50kg.-cal. g. mol. Both the gas (tc, 37°; Pc, 62 atm.) and the liquid (b.p.,83.6°) are highly explosive, particularly under pressure. Acetylene is a colourless inflammable gas obtained by the action of water on calcium carbide: $\text{CaC}_2 + 2\text{H}_2\text{O} \rightarrow \text{C}_2\text{H}_2 + \text{Ca(OH)}_2 + 30.4\text{kg.-cal.}$ When pure, it has a slightly ethereal odour, but when produced from commercial calcium carbide, it has a distinct unpleasant odour due to the presence of traces of phosphene, etc.

PROPERTIES

Colorless, flammable gas, odourless when pure, but ordinarily has a garlic-like odour because of impurities. Mol. wt. of acetylene is 26.04. One pound of acetylene is equivalent to 14.5 cu ft. Soluble in acetone (2500 cc gas per 100 g, 30000 cc gas per 100 g at 12 atm), alcohol (600 cc per 100 g), water (100 cc per 100 g), and liquid ammonia at room temperature.

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BOOKS ON PULP, PAPER CONVERSION, PRINTING AND PACKAGING



Hand book on PRINTING TECHNOLOGY (Offset Gravure Flexo Screen)

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



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



Modern Technology of Pulp, Paper And Paper Conversion Industries

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



The Complete Technology Book on Pulp & Paper Industries

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



HANDBOOK ON Modern PACKAGING INDUSTRIES

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



Screen Printing Technology Hand Book

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

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



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

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



HANDBOOK ON NATURAL DYES FOR INDUSTRIAL APPLICATIONS

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



The Complete Technology Book on Textile Processing with Effluent Treatment

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



Modern Technology of TEXTILE DYES & PIGMENTS

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



The Complete Technology Book On STARCH AND ITS DERIVATIVES

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



The Complete Technology Book on Dyes & Dye Intermediates

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



Natural Fibres Handbook with Cultivation & Uses

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



The Complete Book On Natural Dyes and Pigments

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

BOOKS ON SOAPS, DETERGENTS AND COSMETICS

Modern Technology of Soaps, Detergents & Toiletries



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



The Complete Technology Book on DETERGENTS

The Indian detergent industry is about three decades old. An interesting and unique feature of detergent industry in India is the existence of non-power operated units which do not use any electrical power for the production of detergent powder. This text emphasizes practical aspects of detergent production with latest development and other special products based on synthetic surfactants. This book is an attempt to fill the need of those desirous of starting detergent industries in small scale sector. ₹800 US\$100



Soaps, Detergent and Disinfectants Technology Handbook

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

Hand Book on SOAPS, DETERGENTS & ACID SLURRY 2nd Edn.



The Soap and Detergent industry is profoundly lucrative with splendid market potential as well as bright future scope. In order to meet the requirement of market demand, many more new units are recommended to be established on small and cottage scale. The present book has been written keeping in view the basic difficulties of the entrepreneurs. Nominal investment is required for this industry which comprises simple methods of processing for manufacturing of various types of soaps, detergents and acid slurry. ₹1100 US\$125



The Complete Technology Book on Soaps

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



Modern Technology of COSMETICS

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

BOOKS ON WOOD, LEATHER, GLASS & CERAMICS

The Complete Technology Book on Wood and Its Derivatives



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



LEATHER PROCESSING AND TANNING TECHNOLOGY HANDBOOK

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



The Complete Book on Glass And Ceramics Technology

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

Ignition temperature is 635°F and Vapor density (air = 1) : 0.91.

APPLICATIONS

The first commercial use of acetylene is as illuminant. Though superseded to a large extent by electricity, acetylene is still widely used as an illuminant for marine and aeronautical purposes in buoys, light-houses, signaling lamps, etc. Large cylinders holding, in some cases, 500 c.ft. of dissolved acetylene and provided with automatic control and lighting devices are fitted to buoys.

At present the most important use of acetylene is in the welding and cutting industry. Acetylene is also used very extensively as a fuel gas for the oxygen cutting process. Its high calorific value, ready portability and ease of manipulation, particularly in the dissolved state, make it superior to most other fuel gases. It is also employed in blowpipes called pistols to melt wires used in metal-spraying.

MARKET SCENARIO

There are at present 86 plants producing dissolved acetylene gas with an installed capacity of 22 million cubic metre has been approved by issue of industrial licenses /letter of intents. Most of these approvals are integrated with the approval given for oxygen gas plants as acetylene gas is consumed along with oxygen gas for high temperature cutting/welding purpose. Dissolved Acetylene gas is one of the biggest users of Calcium Carbide. Dissolved Acetylene gas is used in helping of various metals and therefore widely used by various Engineering industries. It has been estimated that future production of dissolved Acetylene gas would increase at the rate of 8%. It is assumed that the production of dissolved Acetylene gas would increase at the rate at which engineering industry is expanding. It is understood from inquiries that 250 cum of Acetylene gas can be produced from 1 ton of Calcium Carbide.

Cost Estimation

Capacity	: 400 Cubic metre/day
Plant and Machinery	: 56 Lakh
Cost of Project	: 344.5 Lakh
Rate of return	: 46 %
Break Even Point	: 40 %

ALUMINIUM FOIL

Aluminium foil is one of the most versatile packaging medium. The growth of this industry has been in the recent past, owing to the growing application of foil in a variety of products. Aluminium foil is regarded as unique material amongst flexible packaging materials. This is because of the characteristic of the foil to retain all metallic characteristics of aluminium.

Aluminium foil is a thin sheet of metal. As such it can be an absolute barrier to moisture, gases, odours, bacteria and moulds. The high reflectivity of aluminium ensures good protection against radiant heat, whilst its opacity is important in preventing deterioration of a very large range of foods and drinks which are affected by light. Examples of changes caused by light, and prevented by foil packaging, are the destruction of vitamins and rancidity of fats and oils.

PROPERTIES OF ALUMINIUM

Aluminium foils thicker than 25 µm (1.0 mil) are impermeable to oxygen and water. Foils thinner than this become slightly permeable due to minute pinholes caused by the production process. Aluminium foil has a shiny side and a matte side. The shiny side is produced when the aluminium is rolled during the

final pass. It is difficult to produce rollers with a gap fine enough to cope with the foil gauge, therefore, for the final pass, two sheets are rolled at the same time, doubling the thickness of the gauge at entry to the rollers. The reflectivity of bright aluminium foil is 88% while dull embossed foil is about 80%.

APPLICATIONS OF ALUMINIUM FOIL

The applications of Foil could be divided into two major groups i.e. packaging applications and non-packaging applications. Packaging applications include the products given above for these products, the requirement of packaging is such that it should protect the product from physical and chemical changes and climatic hazards Non-packaging applications include heat exchangers tube fins in air conditioners, capacitors and cable wraps, in which specific properties of the foil such as conductivity are used. Major markets are Pharmaceutical, Cigarettes, Tea industry, Tagger foil, Food Products, Dairy Products, Multi-ply Laminates, Electrical/ Power Application, Decorative Laminates etc. One of the largest applications of aluminium foil is flexible packaging, which includes aseptic beverage cartons, confectionary, bakery and other oven cooked products, coffee, tea and chocolate drinks, tobacco products, and pharmaceutical packaging. Other large applications of Aluminium Foil include aluminium foil containers, where aluminium foil properties offer a great range of solutions for food packaging, and Household foil, which became in many countries an essential part of modern life, for cooking, or for many uses at home, or in commercial kitchens (restaurants, hospitals, schools, canteens).

MARKET SCENARIO

Approximately 75% of aluminium foil is used for packaging of foods, cosmetics, and chemical products, and 25% used for industrial applications (e.g. thermal insulation, cables and electronics). The construction and automotive markets are responsible for nearly 25% of the total demand on the aluminium foil market. Aluminium is used in construction of commercial buildings and homes, most commonly in heating and ducting. In the auto industry, aluminium is gaining popularity and merit as a material used in car manufacturing. Due to its intrinsically lightweight, versatile properties, aluminium components improve a vehicles' efficiency.

Cost Estimation

Capacity	: 12 MT/day
Plant and Machinery	: 422.53 Lakh
Cost of Project	: 1171.44 Lakh
Rate of return	: 44.13 %
Break Even Point	: 32.29 %

BABY WET WIPES & FACIAL WET TISSUE

Baby wet wipes and facial wet tissues are basically hygienic personnel care product. It is basically made by using tissue papers. Basic raw materials used tissue papers, liquid soap and glycerin.

Wet wipes or moist toileds are small moistened paper towels that can be used to cleanse the hands, refresh the face, or commonly to clean up the diaper area when you are changing a baby. The first types of wet wipes came in small individual packages, and usually were moistened with scented water. The rubbing action of wet wipes did help to get the hands or face a little clean, but many people used them

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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. **Rs. 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. **Rs. 1400/-, US\$ 150**

FORMULARY BOOKS



SELECTED FORMULARY HANDBOOK

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



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

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



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

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

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

Modern Technology of **Printing & Writing Inks**

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



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

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

The Complete Technology Book on **Printing Inks**

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



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

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

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

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



ADHESIVES FORMULARY HANDBOOK

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

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



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

Paints, Pigments, Varnishes And Enamels Technology Handbook

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



more to refresh than to cleanse.

APPLICATIONS

1. It is used to refresh face and hands.
2. It can be used to remove grease and dirt from the body.
3. It may be used to clean, cool and fresh.
4. It can be used during car trips, work and play.

Classification of Wet Wipe Products

- Personal Hygiene Wipes
- Baby Care Wipes
- Make-up Remover/Facial Cleansing Wipes (containing surfactants or oil)
- Anti-bacterial wipes (hand disinfection, anti-acne)

MARKET SURVEY

The global market for wet wipes continues to grow, although it is important to be cognizant of the challenges that will present great difficulties to many. Those companies that can combine cutting edge technology with the development of new and innovative ideas will survive in the long run. Baby wet wipes and facial wet tissues are hygienic and health care items for the baby. It is essential item. There are few organized and some private organization is engaged in the manufacture of the above items. There is very good demand of this type of items and demand increase per annum 10%. Wipes demand was 6.1% annually in 2011. Developed markets in the U.S., Western Europe and Japan will remain dominant, while more rapid gains will occur in developing nations such as China and India. Baby wipes will remain the largest category, while sales of household, personal care and health care wipes are expected to grow the most quickly

Cost Estimation

Capacity	: 50,000 Packs/day
Plant and Machinery	: 106.5 Lakh
Cost of Project	: 372.21 lakh
Rate of return	: 51.2 %
Break Even Point	: 26.8 %

BEER PLANT

Among the alcoholic drinks, Beer is quite common and popular in almost every Country of the World. People of different Countries take beer in varying much like a soft drink in European Countries it is just a substitute of water. The alcoholic contents and main source stuff also keep varying according to the tests of the major part of population of the particular country although it is a fashion to ask for beer of every origin in every Country. All the alcoholic drinks beer has become so common, as if were soft drink. Beer in the Western countries is the important constituent of daily food. The most important characteristic of drink is to keep body warm and certain refreshness throughout the body. Beer is the dilute alcoholic product.

PROPERTIES OF THE FINISHED BEER

The properties of the finished beer vary with the type of beer & place of origin. The quality consists of the aroma, taste, appearance, formation and stability of foam. A quantitative expression of the aroma exists in the amount of volatile alcohols, acids, esters and aldehydes but the most important attribute the quality etc. cannot be expressed in this way. Of course, foam formation and foam stability can be evaluated more easily.

NUTRITIONAL VALUE OF BEER

Beer is drink primarily as a source of liquid and for its pleasant & refreshing taste; non-the less, its

nutritional properties are of great importance. The calories content of beer is significant but not special high. A 355-ml. bottle of average beer yields approximately 143 Kcal of energy. The normal daily intake is 2400 K cal. The calories are provided by the unfermented, residues and alcohol. Alcohol also replaces Carbohydrates, fats, proteins, so that there may be a gain in body weight. Beer also contributes to mineral requirements of the body and supplies useful quantities of vitamin B-complex.

BEER INDUSTRY IN INDIA

Indian Beer Market is the second fastest growing segment after Wine in the Indian alcoholic beverage industry which has registered phenomenal growth of ~% in the last 5 years. Beer market is poised to achieve exceptional growth offering gamut of opportunities. In the near future, many brands and beer varieties will be available in India, offering more choices to consumers. Beer is estimated to overtake IMFL and country liquor and will become the market leader in the long run with the share of ~% in FY' 2016, albeit by state governments' future regulations and taxes.

Cost Estimation

Capacity	: 96000 Bottles/day
Plant and Machinery	: 2434 Lakh
Cost of Project	: 3782.68 Lakh
Rate of return	: 39.91 %
Break Even Point	: 33.86 %

CORRUGATED BOXES

Corrugated and solid fiberboard boxes have replaced the conventional wooden boxes as transport containers because of their lightweight and satisfactory strength. 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. 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.

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. Paper is infact replacing the older materials used for packaging. In addition, paper in packaging is economical; light easy to handle and superior. Corrugated boxes and solid fibre containers are extensively being used in place of wooden boxes. The lower cost, lightweight and superiority over other packaging have been the key to the remarkable growth of fibre boxes.

USES & APPLICATIONS

The advantages of corrugated boxes to other packaging materials may be assumed as under light weight, low cost, easy setting up and letting, small

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AN ISO 9001 : 2008 CERTIFIED COMPANY



MARKET SURVEY CUM DETAILED TECHNO ECONOMIC FEASIBILITY REPORTS

EACH DETAILED PROJECT REPORT CONTAINS

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

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

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

RAW MATERIAL : List of Raw Materials, Properties of Raw Materials, Availability of Raw Materials, Required Quality

of Raw Materials, Cost/Rates of Raw Materials.

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

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

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

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

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

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

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

ABRASIVE, ASBESTOS, CEMENT, REFRACTORY PRODUCTS

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

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

- ◆ from Magnesite
- ◆ Salt Glazed Stone Ware Pipes & Fittings
- ◆ Sand Lime Bricks Manufacture
- ◆ Semi Automatic Brick Plant
- ◆ Solvent Cement
- ◆ Spun Concrete Pipe Utilization in Dist. of Electrical Line
- ◆ Stone Crushers
- ◆ Treated Cloth for Abrasive
- ◆ White Cement
- ◆ BAKERY, FOOD & ALLIED INDUSTRIES
- ◆ Animal Feed Using DateP i t s , Discarded Dates & Other Ingredients
- ◆ Apple Chips
- ◆ Asafoetida
- ◆ Atta Chakki
- ◆ Automatic Biscuit Making Plant
- ◆ Automatic Bread & Biscuit Plant
- ◆ Automatic Bread Plant
- ◆ Automatic Papad Plant
- ◆ Automatic Toffee & Candy
- ◆ Automatic Chapati Making Plant
- ◆ Alcohol from Potatoes
- ◆ Alcohol from Rice (Grains)
- ◆ Apple Juice Concentrate & Dehydrated Fruits & Vegetables
- ◆ Aquaculture Prawn Farming (100% EOU)
- ◆ Aquaculture Shrimp Farming
- ◆ Atta, Maida, Suji & Wheat Mill)
- ◆ Automatic Bread & Biscuit Unit (Modern Bakery) Plant
- ◆ Baker's Yeast
- ◆ Bakery Unit (Pastries, Bread, Buns, Cake, Toffee)
- ◆ Besan Plant
- ◆ Bottling Plant Country Liquor from Rectified Spirit
- ◆ Baby Cereal Food
- ◆ Baby Health Care Food & Milk

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

SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Cattle Feed
- ◆ Cattle Feed from Molasses & Bagasse
- ◆ Cattle Feed from Tapioca
- ◆ Cheese Analogues
- ◆ Chewing Gum & Bubble Gum
- ◆ Chewing Tobacco (Raja Type)
- ◆ Chewing Tobacco (Khaine) in Pouch Pack
- ◆ Chicken Meat Processing & Packaging
- ◆ Chilli Oil
- ◆ Chilli Powder
- ◆ Chilli Sauce
- ◆ Chocolate
- ◆ Chocolate & Confectionery
- ◆ Chocolate Drink
- ◆ Chocolate Drink (Liquid Form)
- ◆ Chocolate Drink (Powder form)
- ◆ Chocos (Ready to Eat Breakfast Cereal)
- ◆ Cocoa Beverages in Granules Form (Health Drink)
- ◆ Cocoa Butter and Cocoa Powder
- ◆ Coconut and Cashew Feni
- ◆ Coconut Oil from Copra
- ◆ Coconut Oil in Containers (Filtration & Airtight Packaging)
- ◆ Coconut Powder
- ◆ Coconut Processing Complex Unit
- ◆ Coconut Squash Jam & Cream
- ◆ Coconut Water
- ◆ Coffee Processing & Packaging
- ◆ Cold Drink
- ◆ Confectionery Products (Toffee & Candy)
- ◆ Corn Flaks
- ◆ Corn Oil (Maize Oil)
- ◆ Country Liquor
- ◆ Curcumin
- ◆ Curry Powder
- ◆ Custard Powder
- ◆ Caramel (Acid Proof/Spirit Proof)
- ◆ Cardamom Oil
- ◆ Cheating Ginger and Amlaki
- ◆ Chocolate
- ◆ Chocolate Drinks
- ◆ Cocoa Beverages (Health Drink) in Granules Form
- ◆ Coconut Shell Powder
- ◆ Corn Oil
- ◆ Cotton Seed Oil
- ◆ Curry Powder/Spices
- ◆ Dairy Products & Milk Packaging in Pouches (Ghee, Casein, Butter)
- ◆ Dall Mill
- ◆ Dehydration & Canning of Fruits & Vegetables
- ◆ Dextrose Powder (Monohydrate) from Starch
- ◆ Dairy Products
- ◆ Dall/Pulse Mill
- ◆ Deep Freezing of Vegetables Like Pea, Tomato, Potato
- ◆ Dehydrated Garlic Flakes & Granulated Powder
- ◆ Dehydrated Onion & Onion Powder
- ◆ Dehydrated Vegetables
- ◆ Dehydration & Canning of Fruit & Vegetables
- ◆ Dehydration & Pickling of Oyster Paddy Straw Mushroom
- ◆ Dehydration of Fruit & Vegetable (Osmo Dehydration Process)
- ◆ Dehydration of Fruit & Vegetable Juice
- ◆ Dehydration of Fruits & Vegetables
- ◆ Dehydration of Grapes
- ◆ Dehydration of Lime Fruit
- ◆ Dehydration of Vegetables & Tropical Fruit / Drying Crystallization
- ◆ Diabetic Food (Atta)
- ◆ Dog Food
- ◆ Drum Stick Powder
- ◆ Dry Ginger from Green Ginger
- ◆ Drying of Red Chillies
- ◆ Drying of Tropical Fruits
- ◆ Edible Corn Oil
- ◆ Edible Vegetable Oil Start from Grind Raw Material to Fine Filtered
- ◆ Edible Refined Oil
- ◆ Edible Plasticizer for Ragi Papad
- ◆ Edible Vegetable Oil
- ◆ Egg Powder
- ◆ Fish Canning in Tins & Pouches (100% EOU)
- ◆ Food Processing (Cassava Flour, Starch, Gari, Cuscus)
- ◆ Fried & Roasted Groundnut, Gram, Pea
- ◆ Fish & Poultry Feed
- ◆ Fish Canning in Tin (Pouching)
- ◆ Fish Dehydration
- ◆ Fish Meal
- ◆ Fish Processing
- ◆ Flour Mill (Atta & Besan)
- ◆ Food Colour (Coal Tar Based)
- ◆ Food Colour (Natural & Synthetic)
- ◆ Freezing of Fresh Vegetable for Export
- ◆ French Fries & Allied Potato Products
- ◆ Fresh Processed Frozen Vegetable Puree & Sauce 100% EOU
- ◆ Frozen Food (Fruits & Vegetables)
- ◆ Fruit Concentrates (Rasna Type)
- ◆ Fruit Drink in Tetra Pack
- ◆ Fruit Juice & Allied Products
- ◆ Fruit Juice (Mango) in Tetrapack
- ◆ Fruit Juice Bottling Plant
- ◆ Fruit Juice in Plastic Cups
- ◆ Fruit Juice in Tetrapack
- ◆ Fruit Juice Manufacturing
- ◆ Fruit Juice Powder
- ◆ Fruit Juice, Jam, Jellies and Allied Products
- ◆ Fruit Processing
- ◆ Fruit Pulp & Juices
- ◆ Fruit Pulp & Squashes
- ◆ Garlic Flakes
- ◆ Ginger Processing Plant
- ◆ Grape Wine
- ◆ Green Peas Processing and Canning
- ◆ Garlic Oil
- ◆ Garlic Paste
- ◆ Garlic Powder
- ◆ Ginger & Garlic Composite Plant
- ◆ Ginger Glazing & Preservation
- ◆ Ginger Oil
- ◆ Ginger Oil (Super Critical Co₂ Process)
- ◆ Ginger Paste in Pouch/Black Container
- ◆ Ginger Powder
- ◆ Ginger Processing (Peeling, Drying, Grinding & Blending)
- ◆ Gluten
- ◆ Gram Dall & Flour Mill with Modern Automatic Plant
- ◆ Gram Dall and Flour Mill
- ◆ Gur from Cane (Export Quality)
- ◆ Hard Sugar Candy
- ◆ Health Drink (Cocoa Beverages in Granules Form)
- ◆ Hing (Asafoetida)
- ◆ Honey Processing & Packaging
- ◆ Honey Roasted Peanut
- ◆ Indian Made Foreign Liquors
- ◆ Ice Cream Manufacturing
- ◆ Ice Cream of Different Flavours
- ◆ Ice Cube Plant
- ◆ Ice Making Plant
- ◆ Imported Palm Oil Processing
- ◆ Instant Coffee
- ◆ Instant Foods (Idli Mix, Vada Mix, Gulabjamun Mix, Sambar Mix)
- ◆ Instant Noodles
- ◆ Instant Tea
- ◆ Instant Tea & Coffee (Premixed with Sugar & Milk)
- ◆ Invert Sugar
- ◆ Iodised Salt Free Flowing From Sea Water
- ◆ Iodized Salt (Ordinary & Moistureless free Flowing)
- ◆ Iodized Salt free Flowing
- ◆ Isolation of Citral & Ionones from Lemon Grass Oil
- ◆ Jam Jelly (Chutny, Pickels & Squash)
- ◆ Karela Powder (Bitter Guard Powder)
- ◆ Katha
- ◆ Katha and Cutch
- ◆ Khaine (Chewing Tobacco)
- ◆ Khandsari Sugar
- ◆ Lactin (Soya Based)
- ◆ Liquid Glucose from Broken Rice
- ◆ Liquid Glucose from Maize & Maize Oil
- ◆ Liquid Glucose from Potato
- ◆ Litchi Juice
- ◆ Locally Made Foreign Liquor
- ◆ Maize & Its by Products
- ◆ Maize Processing for Glucose
- ◆ Maize Products (Starch, Oxidized Starch, Liquid Glucose & Dextrose)
- ◆ Maize Oil
- ◆ Margarine Fat
- ◆ Mayonnaise
- ◆ Menthol Crystals (EOU)
- ◆ Milk Products
- ◆ Milk Toffee Manufacturing
- ◆ Modern Rice Mill
- ◆ Mushroom Growing & Processing with Air Conditioning
- ◆ Macaroni Manufacturing
- ◆ Macaroni, Spaghetti Vermicelli & Noodles
- ◆ Makhana Processing Unit
- ◆ Malt from Barley
- ◆ Malting Plant
- ◆ Mango Fruit Bar
- ◆ Mango Juice
- ◆ Mango Papad (Aam Papad)
- ◆ Mango Pickles
- ◆ Mango Powder
- ◆ Mango Processing
- ◆ Mango Pulp
- ◆ Mango Pulp & Slices
- ◆ Mango Pulp Processing & Canning
- ◆ Manufacturing of Roasted Salted Cashew Kernel from Cashew Nut
- ◆ Masaia (Spices) [Eou]
- ◆ Menthol Crystal from Menthol Oil
- ◆ Milk Chilling & Packaging Plant
- ◆ Milk Paneer
- ◆ Milk Plant with Pouch Packing
- ◆ Milk Powder and Ghee
- ◆ Milk Powder, Pasteurised Milk, Butter, Cheese & Ghee
- ◆ Milk Product Butter, Ghee, Ice Cream
- ◆ Milk Product Cheese
- ◆ Mineral Water Bottling Plant
- ◆ Mineral Water in Pouches
- ◆ Mini Flour Mill (Disk Type)
- ◆ Mini Sugar Plant
- ◆ Modern Basmati Rice
- ◆ Modern Bread & Bakery Unit (Bread, Buns, Rush)
- ◆ Modern Bread & Buns (Bakery Unit)
- ◆ Modern Chilly Powder
- ◆ Modified Starch
- ◆ Mushroom Processing and Canning
- ◆ Mustard Oil Mill
- ◆ Namkeen (Dalmoth, Bhujia, Chanachoor)
- ◆ Non-Dairy Whipping Cream
- ◆ Oleoresin of Spices
- ◆ Oleoresin from Chilly
- ◆ Onion Storage
- ◆ Onion & Potato Powder
- ◆ Onion Powder
- ◆ Organic Food
- ◆ Pan Masala in Pouch and Tin
- ◆ Pack, Sada, Meetha, Zarda & Kimam
- ◆ Pan Masala, Gutka, Sweet Supari, Chewing Tobacco & Khaine
- ◆ Pan Masala & Gutka
- ◆ Pan Masala in Pouch & Tin Pack Sada, Meetha, Zarda
- ◆ Pan Masala in Pouch Pack
- ◆ Pan Masala, Gutka & Pouch Making Plant
- ◆ Papad Plant (Automatic)
- ◆ Pectin from Apple Pomace
- ◆ Paneer from Soya Milk
- ◆ Papad & Bari
- ◆ Papad Plant (Imported/Automatic)
- ◆ Parboiled Rice Mill
- ◆ Pasteurised Milk & Cheese Mfg. Unit
- ◆ Pasteurised Milk Packing
- ◆ Packaged Drinking Water
- ◆ Palm Oil Processing (Imported)
- ◆ Peanut Butter
- ◆ Pectin from Mango Peel
- ◆ Pickles (Vegetarian & Non Vegetarian)
- ◆ Pickles Murabbas (Veg. & Non Veg.)
- ◆ Pickles, Murabbas, Sauces & Squashes
- ◆ Pig Meat Processing (800 Pkg/Day)
- ◆ Piggery Meat Processing
- ◆ Piggery / Meat / Chicken Processing
- ◆ Pine Apple Slice Canning
- ◆ Pineapple Juice Manufacturing & Canning
- ◆ Pickles
- ◆ Poha (Chiwra)
- ◆ Pork Products
- ◆ Pork Processing & Pig Farming
- ◆ Potato and Onion Flakes
- ◆ Potato Chips
- ◆ Potato Chips & Its By-Products
- ◆ Potato Chips (Imported M.C.)
- ◆ Potato Granules
- ◆ Potato Powder (Automatic)
- ◆ Potato Powder, Flakes & Pellets
- ◆ Potato Starch
- ◆ Potato Wafers (Imported Plant)
- ◆ Potato Chips in Different Flavours
- ◆ Potato Chips/Wafers
- ◆ Poultry and Broiler Farming
- ◆ Poultry Feed
- ◆ Poultry Processing (Processed Meat)
- ◆ Potato Powder (In Low Investment)
- ◆ Processed Food & Spices
- ◆ Processed Fruits and Vegetables
- ◆ Processing & Packing of Snack Food
- ◆ Processing of Food Grain/Pulse and Retail Packaging
- ◆ Production of Date Syrup, Date Paste, Date Jam & Date Food
- ◆ Ragi Biscuits
- ◆ Refined Oil (Cotton Seed, Ground Nut, Sunflower)
- ◆ Rice Polishing & Packaging in Pouches
- ◆ Refining of Edible Oil
- ◆ Rice & Corn Flakes
- ◆ Rice Noodles
- ◆ Roasted/Salted/Masala Cashew nuts, Almonds & Snack Food (Roll & Ball Type)
- ◆ Rice Flakes (Poha)
- ◆ Roasted & Fried Dry Fruits, Grain, Grams, Peas Etc. (In Pouch)
- ◆ Roasted / Salted / Coated Cashewnut, Peanuts, Almonds
- ◆ Roller Flour Mill (Maida & Suzi)
- ◆ Roller Flour Mill (Mini Flour Mill)
- ◆ Sacharine (Both Soluble & Insoluble)
- ◆ Salted Cashewnut Processing
- ◆ Sattu Manufacturing
- ◆ Semi Automatic Plant for Toffee
- ◆ Shiitake Mushroom
- ◆ Silver Coated Sugar Balls

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

NIIR PROJECT CONSULTANCY SERVICES

AN ISO 9001:2008 CERTIFIED COMPANY

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SELECTED PROJECTS FOR RIGHT INVESTMENT

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

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

NIIR PROJECT CONSULTANCY SERVICES

AN ISO 9001:2008 CERTIFIED COMPANY

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SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Cut Flower Rose [Floriculture]
 - ◆ Dehydration and Pickling of Oyster Paddy Straw Mushroom
 - ◆ Enzymes
 - ◆ Ephedrine Hydrochloride
 - ◆ Ethanol as Bio-Fuels
 - ◆ Ethyl Alcohol from Molasses
 - ◆ Floriculture
 - ◆ Floriculture with Green House (Cut Flower Rose)
 - ◆ Herbal Extracts
 - ◆ Hybrid Seed Production
 - ◆ Hybrid Seeds
 - ◆ Industrial Enzymes
 - ◆ Insecticides from Neem Seeds
 - ◆ Neemoil & Leaves
 - ◆ Micro Propagation Growth of Tissue Culture
 - ◆ Mini Fertilizer Plant (Urea)
 - ◆ Municipal Garbage Treatment
 - ◆ Mushroom Cultivation
 - ◆ Mushroom Cultivation & Processing
 - ◆ Mushroom Cultivation & Processing with Air Conditioning
 - ◆ Mushroom Processing and Canning
 - ◆ Organic Fertilizer
 - ◆ Organic Foods
 - ◆ Organic Manure from Municipal Solid Wastes
 - ◆ Papain Manufacturing
 - ◆ Prawn Fish Farming
 - ◆ Tissue Cultures (100% EOU)
 - ◆ Vermi - Compost
 - ◆ Vermiculture
 - ◆ Vermiculture Chemical Industries
 - ◆ Yeast
- COCONUT**
- ◆ Activated Carbon from Coconut Shell
 - ◆ Coconut Fiber Unit
 - ◆ Coconut Oil
 - ◆ Coconut Plantation
 - ◆ Coconut Shell Powder
 - ◆ Coconut Squash Jam & Cream
 - ◆ Coconut Water
 - ◆ Coir Pith Products
 - ◆ Integrated Coconut Processing
 - ◆ Rubberised Coir
- CHEMICALS & ALLIED INDUSTRIES**
- ◆ 16 DPA (16-Dehydro Pregneolone Acetate)
 - ◆ 1-Acetonaphthone
 - ◆ 2,4, Dichloro-Phenoxy Acetic Acid
 - ◆ 2-Chloroethyl Phosphate Acid 39% Emulsifying Concentrate
 - ◆ 4,4, Diamino Stilbene 2-2- Disulphonic Acid
 - ◆ Absolute Alcohol (Ethanol)
 - ◆ Absolute Alcohol
 - ◆ Acetic Acid
 - ◆ Acetic Acid (Glacial)
 - ◆ Acetic Acid from Molasses
 - ◆ Acetic Acid from Natural Gas
 - ◆ Acetic Anhydride
 - ◆ Acetonaphthone
 - ◆ Acetone
 - ◆ Acetylene Gas
 - ◆ Acetylene Gas & Oxygen Gas
 - ◆ Acid Slurry (L.A.B.)
 - ◆ Acid Washed Granulated Activated Carbon
 - ◆ Activated Alumina
 - ◆ Activated Bleaching Fuller Earth
 - ◆ Activated Carbon & Sodium Silicate from Rice/Paddy Husk
 - ◆ Activated Carbon from Bamboo
 - ◆ Activated Carbon from Fuller Earth Slum
 - ◆ Activated Carbon from Wood
 - ◆ Activated Carbon Powder & Granulated
 - ◆ Activated Charcoal
 - ◆ Activated Charcoal from Wood
 - ◆ Acid Proof/Spirit Proof Caramel
 - ◆ Acid Slurry (By Manual Process)
 - ◆ Acrylic Acid from Propylene
 - ◆ Acrylic Resin (Emulsion Type)
 - ◆ Activated Carbon from Cashewnut Shell
 - ◆ Activated Carbon from Coconut Shell & Bamboo
 - ◆ Activated Carbon from Coconut Shell By Steam Activation Process
 - ◆ Activated Carbon from Rice Husk
 - ◆ Activated Carbon from Rice Husk, Coconut Shell, Coconut Powder & Coconut Water
 - ◆ Activated Carbon from Saw Dust
 - ◆ Activated Carbon from Saw Dust, Rice Husk and Coconut Shells
 - ◆ Activated Carbon from Wood, Rice Husk & Saw Dust
 - ◆ Aerosol Silicon Spray
 - ◆ Agar Agar (Bacteriological Grade)
 - ◆ Alkyd Resin
 - ◆ Alum
 - ◆ Alum (Non-Ferric)
 - ◆ Aluminium Fluoride
 - ◆ Amla Hair Oil Based on Vegetable Oil
 - ◆ Air Fresheners (Odonil Type)
 - ◆ Alcohol Base Fuel Gel
 - ◆ Alcohol from Potato
 - ◆ Alcohol from Rice (Grains)
 - ◆ Alcohol from Rice Straw
 - ◆ Alcohol Industries Base on Tapioca Starch
 - ◆ Alkyd Resin (Soyabean Oil And Linseed Oil)
 - ◆ Alkyd Resin from Cotton Seed Oil
 - ◆ Alum (Ferric & Non Ferric)
 - ◆ Alum for Paper Industries
 - ◆ Aluminium Hydroxide (I.P.)
 - ◆ Aluminium Hydroxide Gel
 - ◆ Aluminium Silicate
 - ◆ Aluminium Slug (Used for Collapsible Tube Containers)
 - ◆ Amino Acid
 - ◆ Ammonia Gas
 - ◆ Ammonia Gas Bottling Plant
 - ◆ Ammonium Nitrate
 - ◆ Ammonium Nitrate from Fertilizer
 - ◆ Ammonium Sulphate
 - ◆ Ammonium Chloride
 - ◆ Amyl Acetate
 - ◆ Anilin Oil By Hydrogenation from Benzene
 - ◆ Anti Scaling / Descaling Chemicals
 - ◆ Anhydrous Ferric Chloride
 - ◆ Antimony
 - ◆ Antimony Potassium Tartrate
 - ◆ Antimony Trioxide
 - ◆ Assaying Gold
 - ◆ Ascorbic Acid (Vitamin C) from Lemon
 - ◆ Bacteriological Grade Agar Agar
 - ◆ Barium Carbonate
 - ◆ Barium Compounds
 - ◆ Barium Nitrate
 - ◆ Basic Chromium Sulphate
 - ◆ Basic Chromium Sulphate from Waste Sulfur Dioxide
 - ◆ Beneficiation of Manganese Ore
 - ◆ Benzoic Acid
 - ◆ Benzoyl Peroxide (In Crystal Form)
 - ◆ Benzoyl Peroxide (In Powder Form)
 - ◆ Benzyl Acetate, Benzyl Alcohol, Benzyl Benzoate
 - ◆ Benzyl Alcohol
 - ◆ Benzyl Benzoate
 - ◆ Benzyl Chloride
 - ◆ Bio Gas Production
 - ◆ Bituminous Felts for Water Proofing & Damp Proofing
 - ◆ Bleaching Powder
 - ◆ B-Naphthol from Naphthalene
 - ◆ Bobin Serum Albumin
 - ◆ Boric Acid
 - ◆ Briquetting of Lignite
 - ◆ Buffing & Polishing Compound
 - ◆ Cable Jelly Compound
 - ◆ Cable Jelly Filled Compound
 - ◆ Caffeine from Tea Waste
 - ◆ CacO3 Filled Master Batches
 - ◆ Calcined Lime
 - ◆ Calcining of Magnesite & Deadburnt Manganese Oxide
 - ◆ Calcite Alumina Powder
 - ◆ Calcium Carbonate (Pre Activated)
 - ◆ Calcium Carbonate Precipitated
 - ◆ Calcium Propionate
 - ◆ Calcium Salt for Higher Fatty Acid Using Cotton Seed Oil
 - ◆ Calcium Silicate
 - ◆ Camphor Tablet (Synthetic)
 - ◆ Cancer Hospital
 - ◆ Casein from Milk
 - ◆ Caustic Soda (Sodium Hydroxide) Naoh
 - ◆ Caustic Soda Lye
 - ◆ Calcining of Magnesite & Dead Burnt Manganese Oxide
 - ◆ Calcium Carbide
 - ◆ Calcium Carbonate (Precipitated & Activated)
 - ◆ Calcium Carbonate By Using Sea Shell
 - ◆ Calcium Carbonate from Lime Stone
 - ◆ Calcium Carbonate from Marble Chips
 - ◆ Calcium Chloride
 - ◆ Calcium Gluconate
 - ◆ Calcium Hypochloride
 - ◆ Calcium Nitrate
 - ◆ Calcium Oxide (Lime Stone Powder)
 - ◆ Calcium Palmitate (Used as Cattle Feed)
 - ◆ Calcium Salt for Higher Fatty Acid Using Cotton Seed Oil
 - ◆ Calcium Sennosides and Its Products from Senna
 - ◆ Camphor Powder
 - ◆ Camphor Sheet from Camphor Powder
 - ◆ Camphor Tablet
 - ◆ Carbon Black from Natural Gas
 - ◆ Carbon Black from Dry Cell Batteries
 - ◆ Carbon Black from Fertilizer's Waste
 - ◆ Carbon Dioxide (CO₂)
 - ◆ Carbon Dioxide from Boiler Exhaust Gases
 - ◆ Carbon Powder
 - ◆ Carbon Tetra Chloride
 - ◆ Carboxy Methyl Cellulose
 - ◆ Cationic Softener
 - ◆ Caustic Flakes from Sea Water
 - ◆ Caustic Soda
 - ◆ Cellulose Powder from Cotton Linter (Waste of Cotton)
 - ◆ Cellulose Acetate
 - ◆ Cellulose Powder & Microcrystalline Cellulose Powder
 - ◆ Cement Water Proofing Compound
 - ◆ Charcoal from Bagasse
 - ◆ Charcoal from Coconut Shell
 - ◆ Charcoal Powder from Rice Husk
 - ◆ Chelated Zinc (Zn-EDTA)
 - ◆ Chelated Zinc Powder (Zn-EDTA)
 - ◆ China Clay Washing/Purification
 - ◆ Chlorinated Paraffin Wax (CPW)
 - ◆ Chloroform (CHCl₃)
 - ◆ Choline Chloride
 - ◆ Chromic Acid
 - ◆ Citric Acid from Molasses
 - ◆ Citric Acid from Lemon
 - ◆ CNSL Based Resin in Powder & Liquid Form
 - ◆ Coalchar from Activated Carbon
 - ◆ Cobalt Octoate
 - ◆ Construction Chemicals
 - ◆ Coolent Engines
 - ◆ Copper Sulphate
 - ◆ Copper Sulphate from Copper Ash
 - ◆ Corrosion Controlling Chemicals (Pipe Lines)
 - ◆ D.O.P. (Diocetyl Phthalate)
 - ◆ Defoaming Agent for Paper Industries
 - ◆ Dehydrated Lime
 - ◆ Derivative of Geraniol & other Alcohols Extract B-Pinene Derivative Based on Pinene
 - ◆ Dextrin from Starch
 - ◆ Dhooop (Loban) Benzoin
 - ◆ Di Calcium Phosphate from Rock Phosphate Haifa Process
 - ◆ Di-Butyl Phthalate (DBP)
 - ◆ Di-Calcium Phosphate from Rock Phosphate
 - ◆ Diethyle Phthalate (D.E.P.)
 - ◆ Dimethyl Sulphate
 - ◆ Dodecyl Benzene Sulphonate
 - ◆ DOP & other Plasticizers
 - ◆ Dough Moulding Compound (DMC)
 - ◆ D-Phenyl Glycine
 - ◆ Dry Ice By Breaking of Air
 - ◆ Dye Fixing Agent (By Cold Process)
 - ◆ EDTA and Its Salt
 - ◆ Emulsifiers for Cutting Oil
 - ◆ Endosulphan
 - ◆ Ephedrine Hydrochloride
 - ◆ Erythrosine
 - ◆ Etching Process
 - ◆ Ethanol as Bio-Fuel
 - ◆ Ethyl Acetate
 - ◆ Ethyl Alcohol from Molasses
 - ◆ Ethyl Ortho Phthalate
 - ◆ Ethyl Vanillin
 - ◆ Ethylene Diamine
 - ◆ Ethylene Glycol Mono-Stearate, Ethylene Glycol Di-Stearate
 - ◆ Ethylene Oxide By Ethylene Oxidation
 - ◆ Extraction of Chemicals From D.M.O.
 - ◆ Extraction of Gold, Silver & Copper from the Alloy By Chemical Process
 - ◆ Extraction of Lead from Lead Waste
 - ◆ Extraction of Silver from Hypo Solution (Chemical Process)
 - ◆ Fatty Acid
 - ◆ Ferric Alum
 - ◆ Ferric Alum for Water Treatment
 - ◆ Ferric Chloride (Anhydrous)
 - ◆ Ferric Chloride Solution
 - ◆ Ferric Oxide
 - ◆ Ferric Sulphate
 - ◆ Ferric Sulphate (Powder)
 - ◆ Ferro Alloy
 - ◆ Ferro Manganese (By Alumina Thermic Process)
 - ◆ Ferro Silicon
 - ◆ Ferrous Silicate
 - ◆ Ferrous Sulphate
 - ◆ Fire Works
 - ◆ Fluorine Chemical (Hydro Fluoric Acid)
 - ◆ Foaming Agent
 - ◆ Formaldehydeformic Acid
 - ◆ Formulation of Super Plasticizer
 - ◆ Fuller Earth
 - ◆ Furfural from Rice Husk/Hull
 - ◆ G. Acid
 - ◆ Gasket Shellec Compound
 - ◆ Gelatin (Edible, Pharmaceutical & Photography Grade)
 - ◆ Gelatin from Bones
 - ◆ Geraniol Derivatives & Alcohol Extract of Pinene
 - ◆ Glacial Acetic Acid
 - ◆ Glacial Acetic Acid from Methyl Alcohol
 - ◆ Gluten
 - ◆ Glycerine
 - ◆ Glycerol Monostearate
 - ◆ Gold Potassium Cyanide
 - ◆ Gold Salt
 - ◆ Gossypol
 - ◆ Ground Calcium Carbonate
 - ◆ Guar Hydroxy Propyl Triammonium Chloride

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

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SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Heat & UV Stabilizers for PVC & other Engineering Plastics
- ◆ Heat and Water Proof Compound for Construction
- ◆ Hexachloro-Ethane
- ◆ Hexachloro-Ethane from Ethylene Dichloride
- ◆ Hexamine from Formaldehyde
- ◆ High Concentrated Formalin
- ◆ Hydrated Lime
- ◆ Hydrated Lime from Sea Shell
- ◆ Hydrochloric Acid
- ◆ Hydrogen Peroxide (90% or 50%)
- ◆ Hydrogen Peroxide (By Auto Oxidation Process)
- ◆ Hydrogen Peroxide By Ethyl Anthraquinone Catalytic
- ◆ Hydroxide (Naoh)-Caustic Soda
- ◆ Hydroxy Amine Sulphate
- ◆ Industrial Gases
- ◆ Industrial Salt
- ◆ Insoluble Sulphur
- ◆ International Standard Laboratories
- ◆ Iron Oxide for Making Ferrites
- ◆ Iso Propane (Isopropyl Alcohol)
- ◆ Isophthalic Acid
- ◆ Isolation of Citral & Ionones from Lemon Grass Oil
- ◆ Isophthalic Acid Resin
- ◆ L A B (Linear Alkyl Benzene)
- ◆ L-Ascorbic Acid (Vitamin C)
- ◆ Laboratory Chemicals
- ◆ Lead Oxide (Mono-Oxide, Red Lead Tetra nickel)
- ◆ Lead Oxide (Monoxide, Red & Grey)
- ◆ Lead Recovery from Scrap Battery
- ◆ Lead Stearate
- ◆ Leather Auxiliaries
- ◆ Leather Chemicals (Hydrated Lime, Chromium Sulphate, Borax)
- ◆ Lecithin from Sunflower Oil
- ◆ Lecithin (Soya Based)
- ◆ Light Magnesium Oxide
- ◆ Lime Stone Powder
- ◆ Linear Alkyl Benzene
- ◆ Liquid Oxygen Bottling Plant
- ◆ Low Carbon Ferro Manganese
- ◆ M-Dinitrobenzene
- ◆ Magnesite from Megnesite Ore
- ◆ Magnesium from Sea Water
- ◆ Magnesium Hydroxide
- ◆ Magnesium Hydroxide Powder
- ◆ Magnesium Powder (Light)
- ◆ Magnesium Sulfate as Fertilizer Grade
- ◆ Magnesium Sulphate
- ◆ Maleic Anhydride
- ◆ Manganese Sulfate from Ferromanganese Content 30% Mn₂O₃
- ◆ Manganese Sulphate
- ◆ Metal Paste
- ◆ Medium Grade Ferro Manganese
- ◆ Melamine
- ◆ Melamine Formaldehyde Powder
- ◆ Methyl Methacrylate
- ◆ Meta-Dinitro Benzaldehyde
- ◆ Metal Naphthenates
- ◆ Metal Paste
- ◆ Metal-Pre-Treatment Chemicals
- ◆ Metanilic Acid
- ◆ Methyl Acrylate
- ◆ Methyl Ethyl Ketone Oxime
- ◆ Methyl Ethyl Ketone Peroxide
- ◆ Methyl Ethyl Ketone Peroxide
- ◆ Methyl Salicylate
- ◆ Metrodinazole
- ◆ Micro Nutrients Mixture Solid
- ◆ Mixed Fertilizer (Chemical Based)
- ◆ Mixed Fertilizer (Organic Waste)
- ◆ Mono Ethylene Glycol
- ◆ Mono Sodium Glutamate
- ◆ Mosquito Coil
- ◆ N-Acetyl Glucosamin Through Chitin Biotechnically
- ◆ Naphtha Based Solvent
- ◆ Naphthalene Balls
- ◆ Naphthalene from Coaltar & Petroleum Waste
- ◆ Naphthole Astr
- ◆ N-Butyl Acetate
- ◆ Nickel Catalyst for Hydrogenation of Vegetable Oil
- ◆ Nicotine from Tobacco Waste
- ◆ Nitric Acid (60%) from Ammonia
- ◆ Nitro Cellulose
- ◆ Nitrous Oxide
- ◆ Non-Ferric Alum
- ◆ Non-Formaldehyde Fixing Agent
- ◆ Non-Formaldehyde Fixing Agent (Natural)
- ◆ N-Paraffin
- ◆ Ortho-Toluene Solvent
- ◆ Ossein from Bones
- ◆ Oxalic Acid from Molasses
- ◆ Oxalic Acid from Rice Husk
- ◆ Oxalic Acid from Saw Dust
- ◆ Oxalic Acid from Vegetable Waste
- ◆ Oxygen and Nitrogen Gas Plant
- ◆ Oxygen Gas Collection and Bottling Plant
- ◆ Oxygen Gas Plant
- ◆ Oxygen Gas Plant (Air Separation Method)
- ◆ Oxygen Liquid Plant
- ◆ P.V.C. Stabilizer (Lead Stearate & Calcium Stearate)
- ◆ Paint Driers
- ◆ Para Aminophenol
- ◆ Para Toluene Sulphonic Acid
- ◆ Pectin from Citrus, Lemon & Oranges
- ◆ Pectin from Orange Lime Peels
- ◆ Pectin from Raw Papaya
- ◆ Pentaerythritol
- ◆ Phenyl
- ◆ Phenyl (Black and White)
- ◆ Phenyl (Pine Oil Disinfectant)
- ◆ Phenyl Brown & White from Crude
- ◆ Phosphoric Acid from Rock Phosphate (Used of Waste Spent Acid 25% of Vinyl Sulphan Contents 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
- ◆ Polyvinyl Acetate
- ◆ Polyvinyl Alcohol
- ◆ Potassium Chloride
- ◆ Potassium Cyanide (Silver & Gold)
- ◆ Potassium Dichromate
- ◆ Potassium Iodate
- ◆ Potassium Iodide
- ◆ Potassium Nitrate
- ◆ Potassium Nitrate from Potassium Chloride
- ◆ Potassium Permanganate (KmnO₄) In Solution form
- ◆ Potassium Silicate
- ◆ Potassium Silicate Using Autoclave
- ◆ Precipitated Calcium Carbonate
- ◆ Precipitated Silica
- ◆ Precipitated Silica from Rice Husk Ash
- ◆ Reclamation of Nickel from Spent Catalyst of Vanaspati Industry
- ◆ Reclamation of Used Bleaching Earth
- ◆ Recovery of Silver from Waste Fixer Bleach Obtained from Photo Colour Lab By Sulphide Process
- ◆ Recovery of Zinc Metal from Zinc Ash
- ◆ Red Oxide from Waste Ferrous Sulfate of H-Acid
- ◆ Red Oxide Paint Brushing, Finishing and Semi Glass
- ◆ Refrigerant Alfa - R- 134
- ◆ Ringer's Lactate Solution
- ◆ Roofing Compound & Water Proofing Compound
- ◆ Silica Jel
- ◆ Silica Sand
- ◆ Silica Sand Beneficiation
- ◆ Silicon Sealant
- ◆ Silicone
- ◆ Silicone Carbide
- ◆ Silicone Emulsion
- ◆ Silicone from Rice Husk
- ◆ Silver Extraction from Waste Hypo Solution (Chem. Process)
- ◆ Silver Extraction from Waste Hypo Solution (X-Ray/Cinema Film Bleach and from Photo Film)
- ◆ Silver Nitrate
- ◆ Single Super Phosphate & Mix NPK Fertilizers (SSP & NPK)
- ◆ Single Super Phosphate (S.S.P.) & Sulphuric Acid
- ◆ Soda Ash
- ◆ Sodium Aluminates
- ◆ Sodium Aluminium Sulphate
- ◆ Sodium Benzoate
- ◆ Sodium Bicarbonate from Soda Ash
- ◆ Sodium Carboxy Methyl Cellulose
- ◆ Sodium Chromate
- ◆ Sodium Hexa Meta Phosphate
- ◆ Sodium Hydroxide
- ◆ Sodium Hydrosulphite
- ◆ Sodium Hypo Chlorite from Waste Chlorine Gas
- ◆ Sodium Hypochloride (Bleaching Powder)
- ◆ Sodium Meta Bisulphite
- ◆ Sodium Meta-Silicate
- ◆ Sodium Nitrate
- ◆ Sodium Nitrate & Sodium Nitrate from Nitric acid Vapour of Oxalic Acid
- ◆ Sodium Petroleum Sulphonate
- ◆ Sodium Silicate from Rice/Paddy Husk
- ◆ Sodium Silicate from Silica and Soda Ash
- ◆ Sodium Sulphate (Anhydrous)
- ◆ Sodium Sulphide from Barium Compound
- ◆ Sodium Sulphide from Sulfur Caustic Soda
- ◆ Sodium Sulphite
- ◆ Sodium Tripoly Phosphate
- ◆ Softener (Cationic, Anionic & Nonionic)
- ◆ Solder Fluxes
- ◆ Solid Fuel Cake
- ◆ Solvent & Thinners
- ◆ Solvent Extraction & Refining Plant
- ◆ Solvent Extraction and Refining of Soyabean Oil
- ◆ Stearic Acid
- ◆ Strontium Carbonate
- ◆ Sulphur Milling Plant
- ◆ Sulphur Powder
- ◆ Sulphuric Acid
- ◆ Sulphuric Acid 98%, Oleum 65%, Chlorosulphonic Acid 98% (from Sulphur), & Thionielchloride (Socl₂ from Sulpher & Chlorine Gas)
- ◆ Super Phosphate & Mixed Fertilizer (NPK)
- ◆ Surgical Methylated Spirit
- ◆ Synthetic Iron Oxide (Yellow)
- ◆ Synthetic Ruby Sapphire
- ◆ Synthetic Tallow
- ◆ Tannic Acid
- ◆ Tartaric Acid from Maleic Anhydride
- ◆ Tartaric Acid from Tamarind
- ◆ Tartaric Acid, Food Colour, Crude Pectin, Tamarind Oil
- ◆ Textile Printing Binder
- ◆ Thio Urea
- ◆ Thio Urea (Using Carbon Disulphide)
- ◆ Titanium Dioxide
- ◆ Tri Basic Lead Sulphate
- ◆ Trisodium Phosphate
- ◆ Ultra Marine Blue (5 Mt/Day)
- ◆ Urea Formaldehyde Resin
- ◆ Water Proofing Compound (Liquid & Powder)
- ◆ Water Treatment Chemicals
- ◆ X-Ray Photography Developers & Fixer
- ◆ Yeast from Molasses
- ◆ Yellow Dextrin
- ◆ Zeolite - A
- ◆ Zinc & Copper Sulphate from Brass Ash
- ◆ Zinc Brightener
- ◆ Zinc Chloride
- ◆ Zinc Oxide (Chemical Process)
- ◆ Zinc Oxide from Zinc Dross
- ◆ Zinc Phosphate
- ◆ Zinc Phosphate By Cold Process
- ◆ Zinc Stearate
- ◆ Zinc Sulfate 21% Agricultural Grade from Waste Ash
- ◆ Zinc Sulphate
- ◆ Zinc Sulphate Micro Nutrients or Fertilizer
- ◆ Zinc Sulphate Micro-Nutrient Mixture
- ◆ Zinc-Metal from Zinc Ash
- ◆ Zircon

- ◆ COMPUTER PRODUCTS
- ◆ Compact Disc
- ◆ Computer Assembling Unit
- ◆ Computer Assembly (Hardware)
- ◆ Computer Monitor (Monochrome Monitor)
- ◆ Computer Ribbon (For Printer)
- ◆ Computer Ribbon Refilling/ Reinking
- ◆ Computer Software (EOU)
- ◆ Computer Farms & Security Printing Press
- ◆ Computer Floppy Disk Storage Box
- ◆ Compact Disc Player
- ◆ Computer Key Boards
- ◆ Computer Forms (Stationery)
- ◆ Floppy Disks
- ◆ Laptop Computers
- ◆ Plastic Floppy Storage Box
- COSMETICS, PERFUMES, FLAVOURS & ESSENTIAL OILS
- ◆ Aerosol Silicon Spray
- ◆ Aerosol Spray [Rose Flavour, Night Queen, Jasmin
- ◆ After Shave Lotion
- ◆ Agar Agar (Bacteriological Grade)
- ◆ Agar Oil from Black Agar Wood
- ◆ Agarbatti (Sticks)
- ◆ Agarbatti Synthetic Perfumery Compound
- ◆ Air Freshener & Purifiers
- ◆ Air Fresheners (Odonil Type)
- ◆ Artemisia Vulgaris Oil
- ◆ Aromatic Perfumery Compounds
- ◆ Bath Soap (Pears Type)
- ◆ Bathing Soap
- ◆ Bind
- ◆ Bindiya (Shilpa Type)
- ◆ Car Shampoo
- ◆ Cardamom Oil
- ◆ Cosmetic Industry
- ◆ Cylindrical Agarbatti Sticks
- ◆ Detol Type Antiseptic Lotion
- ◆ Dhooop Batti Sticks
- ◆ Essences for Biscuit,

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

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SELECTED PROJECTS FOR RIGHT INVESTMENT

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| <ul style="list-style-type: none"> Confectionery Items (Non-Essential Flavour) ◆ Essential Oil Form Lily, Mogra, Nishigandha ◆ Essential Oil from Flowers ◆ Essential Oils from Jawa Citronella Oil ◆ Eucalyptus Oil ◆ Extraction of Essential Oil & Packaging ◆ Extraction of Menthol Oil. ◆ Extraction of Oil (Jeera, Ajowan, Ginger, Cardamom Oil) ◆ Formulation of Flavours ◆ Fractional Distillation of Essential Oil and Medicinal Plant ◆ Garlic and Ginger Oil ◆ Ginger Oil (Super Critical Co₂ Process) ◆ Hair Dye (Godrej Type) ◆ Hair Dye Powder ◆ Hair Dyes (Henna Based) ◆ Hair Oil ◆ Hair Shampoo ◆ Henna Paste (Self Life 6 Month) ◆ Herbal Cosmetic ◆ Herbal Hair Oil (Banphool Type) ◆ Herbal Natural Essential Oil ◆ Herbal Natural Essential oil (Steam Distillation Process) ◆ Lemon Grass Oil ◆ 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 ◆ Peppermint Oil ◆ Perfumery Chemicals Synthetic and Natural ◆ Perfumes ◆ Red (Lal) Tooth Powder ◆ Rose Oil (Essential Oil from Flowers) ◆ Rose Oil Extraction ◆ Rose Plantation & Rose Oil Extraction (Rose Essential Oil) ◆ Sandal Wood Oil & Powder ◆ Scent & Perfumes ◆ Shampoo & Creams ◆ 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 (Face & Toilet Powder) ◆ Tejpatta Oil from Tejpatta ◆ Talcum Powder ◆ Tobacco Based Tooth Powder ◆ Tobacco Flavouring Compound ◆ Tooth Paste ◆ Tooth Paste & Powder ◆ Tooth Paste (Gel Type) ◆ Yara Yara (Perfumes for Soap, Detergent & Agarbatti) | <ul style="list-style-type: none"> ◆ Dyes & Dye Intermediates ◆ Erythrosine ◆ Fast Colour Base ◆ Lake Colour ◆ Leather Auxiliaries ◆ Lecithin (Soya Based) ◆ Metal Naphthenates ◆ Naphthalene Balls ◆ Phthalocyanine Blue and Green ◆ Reactive Dyes (Red, Orange, Yellow Colour) Used B-Naphthol ◆ Synthetic Iron Oxide (Yellow) ◆ Textile Bleaching, Dyeing & Finishing ◆ Textile Carpet Woolen Dyeing ◆ Textile Dyeing Auxiliaries ◆ Textile Printing Pigment Binder ◆ Ultra Marine Blue <p>ELECTRICAL & ELECTRONIC INDUSTRIES</p> <ul style="list-style-type: none"> ◆ Air Cooler ◆ Air Conditioner (A/C) Car & Room Servicing ◆ Air Conditioners (Window Type) ◆ All Aluminium Alloy Conductor (AAAC) ◆ All Aluminium Conductor & Aluminium Conductor ◆ All Aluminium Conductors ◆ Alternator ◆ Alternator (1 To 75 KVA) ◆ Aluminium Electrolytic Capacitor ◆ Aluminium Power Cables ◆ Aluminium/Copper Cable Lugs ◆ Aerial Bundled 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 ◆ Bio Gas Power Plant from Cowdung ◆ Button Cell (Miniature Watch Battery) ◆ Cable Creeping Lugs, Socket & Cable Creeping Tools ◆ Calculator, Torch & Alarm ◆ Capacitors ◆ Captive Thermal Power Plant for Glass Industry ◆ Cassette Tape Recorder ◆ Ceiling Fan ◆ 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 | <ul style="list-style-type: none"> Transformers ◆ Diesel Generator (20-200 KVA) ◆ DG Set ◆ Dish Antenna and Satellite Network Equipment ◆ Distribution Transformer (250kva) Repairing ◆ Distribution Transformers ◆ Domestic Electric Cable (Cap. 1600 Coils/Day) ◆ Domestic Refrigeration ◆ Dry Cell Battery ◆ Dry Cell ◆ Dry Cells, Rechargeable Cells ◆ Electric & Ordinary Detonators (Used in Explosive for Hard Rock Cutting & Blasting) ◆ Electric Arc Furnace ◆ Electric Bulb (GLS Bulb) ◆ Electric Energy Meters ◆ Electric Fan ◆ Electric Fluorescent Tube ◆ Electric Geyser ◆ Electric Mixer ◆ Electric Motor ◆ Electric Motor Pumps ◆ Electric Panel Board (Switch Boards) ◆ Electric Steam Iron ◆ Electric Water Heater ◆ Electrical Accessories (Plugs, Switches, Sockets) ◆ Electrical Lamp ◆ Electrical Panel (Switch Board) ◆ Electrical Stamping ◆ Electro Polishing on Steel ◆ Electronic Calculator ◆ Electronic Choke (Ballast) ◆ Electronic Cut Out for Automobiles ◆ Electronic Digital Weighing Machine ◆ Electronic Energy Meter ◆ Electronic Horn for Automobile ◆ Electronic Service Centre ◆ Electronic Toys ◆ 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 Based Power Plant ◆ Gas Based Power Project (600 MV) ◆ Gas Detectors of LPG ◆ Halogen Lamps ◆ House Wiring Cables ◆ HT & MV Industrial Cubic Switch Boards ◆ Hydro Based Power Plant (15MW) ◆ Immersion Heater ◆ Information Moving Display (Lead Type) ◆ Invertors ◆ Jelly Filled Cables ◆ Lamp Shades & Chandeliers ◆ Light Emitting Diodes ◆ M.C.B. (Miniature Circuit Breaker) ◆ Maintenance Free Re-Chargeable Battery ◆ Micro Oven ◆ Miniature Transformer ◆ Multilayer Printed Circuit Board ◆ Musical Door Bell ◆ Neon Bulb ◆ Neon Sign Board ◆ Neon Sign Tube and Board ◆ Optical Fibre Cable ◆ Optical Pickup Unit ◆ PCB (Flexible) ◆ PCB (Multilayer) ◆ PCB (Totally Automatic Plant) ◆ Plastic Cooler Body (Symphony Type) ◆ Polyurethane Battery Separator ◆ Porcelain Insulator | <ul style="list-style-type: none"> ◆ Portable Television (B & W) ◆ Power Capacitor ◆ Power Generating Unit from Agricultural Waste Heat Energy ◆ Power Plant (5 MW/Hr) By Agro Waste ◆ Power Plant (Hydro Based) Cap: 10 MW ◆ Power Supply (Linear Switch Mode) ◆ Power Transformer ◆ Printed Circuit Board ◆ P.V.C. Wire & Cables ◆ PVC Battery Separator ◆ Rechargeable Battery-Maintenance Free (Sealed Lead Acid) ◆ Re-Conditioning of Fluorescent Tube ◆ Re-Conditioning of TV Picture Tube ◆ Refrigeration & Mini Refrigeration ◆ Rewinding of Burnt Electric Motor ◆ Rosin Cored Soft Soldering Wire ◆ Satellite Receiver ◆ Scientific Laboratory Equipment (Electronic) ◆ Soft & Hard Ferrites ◆ Solar Cells ◆ Solar Cooker ◆ Solar Electrical Cell & Heating Panel ◆ Solar Energy Water Heater ◆ Solar Photo Voltaic System ◆ Solar Power Plant ◆ Solar Pump ◆ Solar Water Heaters ◆ Steel Vacuum Flask ◆ Submersible Pump & Motors ◆ Submersible Pump ◆ Switch Mode Power Supply ◆ Tape Recorder's Pinch Roller, Rubber, Drive, Belt Flat ◆ Telephone (Push Button Type) ◆ Terminal Connectors ◆ Transformer/Servomotor/Relay ◆ Un-Interrupted Power Supply (UPS) ◆ V.C. Cooler ◆ Variable Frequency, Variable Voltage A.C. Voltage ◆ Video Cassette ◆ Video Compact Disc (V.C.D.) ◆ Voltage Stabilizer (Solid State) ◆ Voltage Stabilizer Using IC Timer ◆ Washing Machine ◆ Washing Machine & Geyser ◆ Wind Energy Power Project ◆ Winding Wires PVC Insulated for Submersible Motors ◆ XLPE Cables <p>ELECTROPLATING INDUSTRIES</p> <ul style="list-style-type: none"> ◆ 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 ◆ 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 ◆ Silver & Gold Plating on PVC and Nylon-6 ◆ Watch Case Buffing <p>ECO-FRIENDLY PRODUCTS</p> <ul style="list-style-type: none"> ◆ Duplex Paper ◆ Fuel Bricks from Groundnuts Soyabean Hull and Jute |
|--|--|--|---|

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

NIIR PROJECT CONSULTANCY SERVICES

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SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Gunny Bags
- ◆ Jute Coir, Grass Rope/ Sutti
- ◆ Jute Garments
- ◆ Jute Shopping Bags
- ◆ Jute Yarn Sutti & Hessian Cloth Weaving (Integrated Unit)
- ◆ Natural Colour & Oil (Turmeric Colour & Oil)
- ◆ Paper & Paper Board from Jute sticks
- ◆ Paper Cups
- ◆ Paper Cups for Ice Creams
- ◆ Paper Envelopes
- ◆ Paper Plates
- ◆ Paper Shopping Bag, Cup, Plate, Glass & Envelopes
- ◆ Paper Shopping Bags
- ◆ PET Bottles
- ◆ PET Bottles from Pre-Form PET
- ◆ Ply Board from Bamboo (Chinese Process)
- ◆ Poly Vinyl Alcohol Film (Cold Water Soluble)
- ◆ Wood Plastic Composite Products
- EDUCATION PROJECTS
- ◆ Bachelor Physiotherapy College
- ◆ Bio-Tech Institute
- ◆ Culinary Institute
- ◆ Dental College
- ◆ Engineering College
- ◆ ITI Management College
- ◆ Medical College
- ◆ Medical College and Hospital
- ◆ Nursery School
- ◆ Pharmacy College (B. Pharma / D. Pharma)
- ◆ Residential School (ICGEB)
- ◆ School
- GLASS & CERAMICS INDUSTRY
- ◆ Acrylic Mirror
- ◆ Ceramic (Porcelain) Insulator
- ◆ Ceramic Hotel Ware (Bone China)
- ◆ Ceramic Media
- ◆ Ceramic Thread Guide
- ◆ Ceramic Unit
- ◆ Ceramic Foam Filters
- ◆ Ceramic Foam Filters (Metallic Based)
- ◆ Ceramic Glazed Tiles
- ◆ Conversion of Industrial Vitrified Tiles Into Commercial Vitrified Tiles
- ◆ Fibre Glass
- ◆ Flat Glass & Float Drink Glass
- ◆ Glass Ampoules (Distilled Water)
- ◆ Glass Bangles & Glass Pressed Wares
- ◆ Glass Bottle
- ◆ Glass Fensiyent & Specific Gravity Hydro Meter
- ◆ Glass Manufacturing (Security Glass, Window Glass, Glass Basin & Elevation Glass)
- ◆ Glass Marble
- ◆ Glass Reinforced Concrete (G.R.C.)
- ◆ Glass Round Balls
- ◆ Glass Sheet
- ◆ Glass Sheet (Automatic Plant)
- ◆ Glass Sheet for Window
- ◆ Glass Sheet for Window Panes
- ◆ Glass Ware Drinking Water
- ◆ Glass Wool
- ◆ Glazed Ceramic Tiles
- ◆ Granite Slab & Tiles
- ◆ High Alumina Ceramic
- ◆ Hot & Cold Fusion of Glass
- ◆ Laminated Safety Glass
- ◆ Magnesite Bond Polishing Bricks, Resin Bond Polishing Brick & Resin Bond Final Polish for Marble & Granite
- ◆ Mirror Colouring (Pink, Black, Golden, Silver)
- ◆ Mirrors (Silver, Golden, Pink, Black and Yellow Colour)
- ◆ Non Glazed Ceramic Tiles
- ◆ Optical Glass
- ◆ Optical Lenses
- ◆ Safety Glass
- ◆ Sheet Glass / Float Glass
- ◆ Automatic Plant
- ◆ Watch Glass
- GUMS & ADHESIVES
- ◆ Acrylic Adhesive
- ◆ Adhesive (Fevicol Type)
- ◆ Adhesive Based on Polyurethane
- ◆ Adhesive Content PVC Resin & DOP Paste Grade
- ◆ Adhesive for All Purpose
- ◆ Adhesive for Corrugation (Dry Powder)
- ◆ Adhesive for Stickers
- ◆ Adhesive from Sodium Silicate
- ◆ Adhesive Industries (Laminated Fevicol Sticker and other Types)
- ◆ Adhesive Tape for Hospital Use
- ◆ Adhesive (Starch & Polyvinyl Acetate Based)
- ◆ Adhesive Based on Vinyl Acetate (Fevicol Type)
- ◆ BOPP Pressure Sensitive Self Adhesive Tapes
- ◆ Bottle Labeling Gum
- ◆ Corrugated Cartoon Boxes Gum from Tamarind Seed Kernel (Powder Form)
- ◆ Corrugation & Pasting Adhesive (Dry Powder/Liquids)
- ◆ D.O.P. & Other Plasticizer
- ◆ Electrical Insulating Tape Using BOPP Film
- ◆ Ester Gum
- ◆ Fevicol Type Adhesive
- ◆ Glue from Bone Sinews
- ◆ Guar Gum
- ◆ Guar Gum Powder
- ◆ Gum (Liquid) Office Paste
- ◆ Gum from Tamarind Seed Powder
- ◆ Gums & Adhesive
- ◆ Hologram Sticker - 3D
- ◆ Hot - Melt Adhesive
- ◆ Hot Melt Glue
- ◆ Hot Melt Glue Stick
- ◆ Latex Adhesive
- ◆ Latex Based Adhesive
- ◆ Leather Binder (Resin Based)
- ◆ Neoprene Based Adhesive (Rubber Adhesive)
- ◆ Office Gum
- ◆ Paper Tape
- ◆ Plaster of Paris Bandages & Cotton Adhesive Tape
- ◆ Pressure Sensitive Adhesive Tape Binder
- ◆ Pressure Sensitive Adhesive for BOPP Tapes
- ◆ PVC Electrical Insulating Tape
- ◆ Rosin Sizing Agent for Paper Plant
- ◆ Rubber Solution
- ◆ Starch from Maize
- ◆ Starch from Tapioca
- ◆ Surgical Adhesive Tape on Cloth Surface
- ◆ Synthetic Gum Used in Textile Industry
- ◆ Synthetic Rubber Adhesive
- ◆ Textile Printing Paste (Gum)
- ◆ Textile Printing Binder
- HERBS/AROMATIC & HERBAL BASED PRODUCTS
- ◆ Aloe Vera gel
- ◆ Aloe Vera Gel & Powder
- ◆ Aloe Vera Cultivation & Extraction
- ◆ Aloe Vera Gel, Juice and Powder
- ◆ Aromatic Perfumery Compound
- ◆ Aromatic Plants Cultivation & Processing
- ◆ Ark - Ajawain, Pudina, Saunf & Gulab
- ◆ Aromatic Herbal Shampoo
- ◆ Ayurvedic/Herbal Pharmacy
- ◆ Ayurvedic Churan & Tablets
- ◆ Ayurvedic Dantmanjan (Red Colour) Dabur Type
- ◆ Ayurvedic Gamaxine (Using Red Moong)
- ◆ Ayurvedic Pain Balm (Yellow & White) Zandu Type
- ◆ Ayurvedic Pain Balm Ointment
- ◆ Ayurvedic Pharmacy (Capsules, Liquid Oral, Ointment, Powder, Injection)
- ◆ Ayurvedic Raw Material from Mercury
- ◆ Ayurvedic Raw Material from Mercury
- ◆ Ayurvedic Sharbat
- ◆ Ayurvedic Tablets (Hajmola Type)
- ◆ Cardamom Oil
- ◆ Citronella Oil
- ◆ Clove Oil
- ◆ Extraction of Methi Seeds (Fenugreek)
- ◆ Hair Dyes (Henna Based)
- ◆ Hair Dyes (Henna Based) Four Colour
- ◆ Henna Paste
- ◆ Henna Paste (Self Life 6 Months)
- ◆ Henna Powder Repacking
- ◆ Herbal Cigarette
- ◆ Herbal Concentrate in the Manufacturing of Herbal Drugs & Concentrate
- ◆ Herbal Cosmetics
- ◆ Herbal Extracts
- ◆ Herbal Formulation
- ◆ Herbal Hair Oil
- ◆ Herbal Hair Oil (Banphool Type)
- ◆ Herbal Kumkum (Roli)
- ◆ Herbal Medicinal Plants Cultivation & Processing
- ◆ Herbal Natural Essential Oil
- ◆ Herbal Plantation (Medicinal)
- ◆ Herbal Shampoo & Cream
- ◆ Herbal Tooth Paste & Tooth Powder
- ◆ Herbs Plantation & Processing
- ◆ Kali Mehandi
- ◆ Lily Essence
- ◆ Medicinal Plant Extracts
- ◆ Menthol Crystal from Menthol Oil
- ◆ Patchouli Oil
- ◆ Perfumery Chemicals Synthetic and Natural
- ◆ Ras Sindhoor
- ◆ Safed Musli
- ◆ Safed Musli Cultivation & Processing
- ◆ Sennoside & its Product from Senna Leaves
- ◆ Stevia Cultivation
- ◆ Stevia Extract
- ◆ Turmeric Powder
- HOSPITALITY, ENTERTAINMENT, WARE HOUSING & REAL ESTATE PROJECTS
- ◆ Air Taxi (Rental)
- ◆ Amusement Park
- ◆ Amusement Park Cum Water Park
- ◆ Banquet Hall
- ◆ Cinema Hall
- ◆ Club with 4 Star Hotel
- ◆ Cold Storage
- ◆ Fast Food Parlor
- ◆ Five Star Hotel
- ◆ Five Star Hotel & Shopping Mall
- ◆ Five Star Hotel, Business Center (Shopping Center), PVR, Health Club, & Banquet Hall
- ◆ Food Parlor
- ◆ Games Parlor
- ◆ Golf Course
- ◆ Green House
- ◆ Health Club, Beauty Parlor
- ◆ Holiday Resort
- ◆ Hospitals
- ◆ Hotel (Small Hotel with Banquet Halls, Restaurant and Catering Facility)
- ◆ Hotel 5 Star
- ◆ Hotel/Small Hotel
- ◆ Ice Cream Parlor
- ◆ Kids Entertainment Cum Food Center (Restaurant) at The Mall
- ◆ Market Complex
- ◆ Multiplex Cinema Hall, PVR with Shopping Center
- ◆ Multistoried Commercial Complex
- ◆ Multistory Residential Complex
- ◆ Nature Care Centre
- ◆ Nursery School
- ◆ Nursing Home
- ◆ Old Age Home, Orphan Children Hall & Dharamshala
- ◆ Recreation and Health Club
- ◆ Restaurant
- ◆ Satellite Broad Casting Channel
- ◆ Shopping Mall with Four Screen Multiplex + 3 Star Hotel
- ◆ Small Hotel/Motel, Party Room Restaurant, Fast Food Parlour & Banquet Hall
- ◆ Three Star Hotel
- ◆ Video Film Studio
- ◆ Ware House
- HOSIERY/TEXTILE/TEXTILE AUXILIARIES
- ◆ Acrylic Blanket
- ◆ Acrylic Blanket for Warming for Human Coverage Purpose
- ◆ Acrylic Garments
- ◆ Acrylic Yarn
- ◆ Acrylic Yarn Dyeing
- ◆ Angora Rabbit Farming, Feed, Yarn from Wool, Mfg. of Shawls, Sweaters, Caps, Mufflers with Dyeing & Bleaching (EOU)
- ◆ Angora Rabbit Wool
- ◆ Baby Diaper
- ◆ Black Braided Silk (Non-Absorbable Surgical Suture)
- ◆ Blanket from Wool or Woollen Waste or Woollen Rags
- ◆ Brassieres & Panties
- ◆ Canvas Shoes
- ◆ Carding Cloth
- ◆ Carpet Weaving
- ◆ Chemically Water Proofing Process on Cotton Cloth Tarpaulin
- ◆ Children Knit Wear T- Shirt
- ◆ Cotton Buds/Swab
- ◆ Cotton Fiber from Waste Cloth
- ◆ Cotton from Waste Yarn
- ◆ Cotton Ginning & Pressing
- ◆ Cotton Yarn Dyeing
- ◆ Count Cotton Spinning Mill
- ◆ Denim Cloth
- ◆ Denim Cloth (Integrated Unit with Printing, Bleaching, Dyeing)
- ◆ Disposable Baby Diaper
- ◆ Dying of Hank Yarn for Power Loom
- ◆ Fiber from Banana Plant & Mfg. of Bags Like Jute Bags
- ◆ Furnishing Fabrics on Power Loom
- ◆ Handker-Chief
- ◆ Handloom Products (Khes, Bedsheet, Bedcovers, Furnishing Cloth)
- ◆ Hosiery & Textiles Cloth Processing & Hosiery Garments Manufacturing (Composite Mill)
- ◆ Hosiery and Tailor Lables
- ◆ Hosiery Cloth (Cotton Cloth Processing Bleaching, Dyeing, Finishing)
- ◆ Hosiery Cloth Processing (Cotton)
- ◆ Hosiery Fabric Cloth from Cotton Yarn
- ◆ Hosiery Industries (Banian & Underwear)
- ◆ Hosiery Industry
- ◆ Hosiery Industry (Gunji, Banian, Underwears)
- ◆ Hosiery Products (Like T- Shirt, Knitwear and Arlyc Yarn)
- ◆ Hosiery Products Like Vests, Briefs, Shirts & Nylon Cotton Knitting
- ◆ Jeans and Jackets (Denim)
- ◆ Jeans Cotton's Casual & Shirts
- ◆ Jeans, Shirts & Trousers
- ◆ Jacquard Fabrics

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

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SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Jute Yarn, Sutti & Hessian Cloth Weaving (Integrated Unit)
 - ◆ Knitted Fabric
 - ◆ Ladies Under Garment (Bra & Painty)
 - ◆ Mattress/Bedding (Automatic Machine)
 - ◆ Mfg. of Jeans, Trousers, T Shirts, & Kids Garments
 - ◆ Neck Tie
 - ◆ Non-Woven Carpets Cladded with Polyester Fibre
 - ◆ Open End Spinning Mill
 - ◆ Polyester Yarn from Waste
 - ◆ Polypropylene Multifilament Yarn
 - ◆ Printed Shopping Bags
 - ◆ Ready Made Garment (EOU)
 - ◆ Readymade Garment (Trousers)
 - ◆ Readymade Garments & Hosiery
 - ◆ Readymade Salwar Suit (Ladies)
 - ◆ Sanitary Napkins
 - ◆ Sanitary Napkins & Baby Diaper
 - ◆ Sanitary Napkins (Imported Automatic Plant)
 - ◆ Sewing Thread Reels and Balls Making Industry
 - ◆ Shirts (Woven) & Jeans Unit
 - ◆ Shoe Laces
 - ◆ Silk Reeling Unit
 - ◆ Socks Knitting [EOU]
 - ◆ Spinning & Carding of Wool in to Yarns
 - ◆ Spinning Mill
 - ◆ Surgical Bandages
 - ◆ Surgical Cotton
 - ◆ Surgical Cotton & Bandage
 - ◆ Tags for Readymade Garments
 - ◆ Terry Towels
 - ◆ Textile Bleaching, Dying and Finishing
 - ◆ Textile Carpet Woollen Dyeing
 - ◆ Textile Dyeing Auxiliaries
 - ◆ Textile Fabric Coating By LDPE in One Side with Embossing
 - ◆ Textile Fabric with Sides Coating By LDPE
 - ◆ Textile Printing (Pigment Binder)
 - ◆ Textile Weaving Plant
 - ◆ T-Shirts & Baniyans
 - ◆ Underwear Garment Ganji, Jangia
 - ◆ Viscose Rayon
 - ◆ Viscose Filament Yarn
 - ◆ Viscose Rayon Yarn from Cotton Linters
 - ◆ Woollen Dyeing
 - ◆ Woollen Hosiery
 - ◆ Woollen Sweaters
- INFOTECH PROJECTS**
- ◆ Business Process Outsourcing (BPO)
 - ◆ Call Centre (Domestic)
 - ◆ Call Centre (International)
 - ◆ Computer Education Institute
 - ◆ Computer Training Institute
 - ◆ Computer Software (EOU)
 - ◆ Cybercafe-Internet Browsing
 - ◆ Cyber Park
 - ◆ E-Commerce
 - ◆ Information Technology (I.T.) Training Centre
 - ◆ Internet Service Provider
 - ◆ IT Park
 - ◆ Medical Transcription Centre
 - ◆ Online Shopping Mall
 - ◆ Portal
- INKS & STATIONERY PRODUCTS**
- ◆ Ball Pen Ink Remover
 - ◆ Ball Pen Manufacturing
 - ◆ Ball Point Ink
 - ◆ Ball Point Pen Refills
 - ◆ Chalk Crayon Industry
 - ◆ Colour Wax Crayons
 - ◆ Computer Stationery
 - ◆ Dust Free Chalk Made By Calcium Carbonate
 - ◆ Exercise Note Book, Register, Pads
 - ◆ Flexo Graphic Ink
 - ◆ Flexo Gravure Printing Ink
- ◆ Hologram Sticker - 3D
 - ◆ Indelible Election Ink (from Silver Nitrate)
 - ◆ Ink for Hot Stamping Foil
 - ◆ Lead Pencils
 - ◆ One Time Carbon
 - ◆ Painting Brush
 - ◆ Plastic Files & Its Smaller Components
 - ◆ Printing Inks
 - ◆ School Chalk
 - ◆ Screen Printing Ink
 - ◆ Slate Pencils
 - ◆ Stamp Pad & Stamp Inks
 - ◆ Staple Pin
 - ◆ Tailors Chalk
 - ◆ Toner Ink for Xerox M/C
 - ◆ Wax Crayon
- JUTE & JUTE BASED PROJECTS**
- ◆ Gunny Bags (Jute Bags)
 - ◆ Gunny Bags from Jute
 - ◆ Jute Ropes/Sutti
 - ◆ Jute Shopping Bags
 - ◆ Jute Tarfelt
 - ◆ Jute Twine (Jute Rope) Cum Gunny Bag Mfg. from Raw Jute
 - ◆ Particle Board from Jute Stick
 - ◆ Paper and Paper Board from Jute Sticks
 - ◆ Mini Paper Plant from Jute Sticks
- MECHANICAL ENGINEERING AND AUTOMOBILE INDUSTRIES**
- ◆ Alloy Steel Casting
 - ◆ Alloy Steel Long Product Market & Alloy Steel Seamless Pipes
 - ◆ Alumina from Bauxite (By Calcination Process)
 - ◆ Alumina from Gibbsite Variety
 - ◆ Alumina to Aluminium & Mfg. of Profiles
 - ◆ Activated Alumina
 - ◆ Activated Alumina Balls
 - ◆ Agriculture Implements
 - ◆ Air Cooler
 - ◆ Air Filter for All Type of Auto Vehicles
 - ◆ Air Pressure Gauge (Dial Gauge)
 - ◆ Aluminium Alloy
 - ◆ Aluminium Beverages Cans
 - ◆ Aluminium Blind Rivets & Metal Clips
 - ◆ Aluminium Bottles Cold Extrusion of Aluminium
 - ◆ Aluminium Building Hardware
 - ◆ Aluminium Caps
 - ◆ Aluminium Channels, Beading & Pipes
 - ◆ Aluminium Circle
 - ◆ Aluminium Collapsible Tubes
 - ◆ Aluminium Containers
 - ◆ Aluminium Extrusion Plant
 - ◆ Aluminium Finished Articles (Job Work)
 - ◆ Aluminium Foil
 - ◆ Aluminium from Alumina
 - ◆ Aluminium Gravity Casting
 - ◆ Aluminium Ingots from Aluminium Scrap
 - ◆ Aluminium Ingots from Bauxite
 - ◆ Aluminium Powder
 - ◆ Aluminium Pressure Die Casting
 - ◆ Aluminium Sheet, Circles & Vessels
 - ◆ Aluminium Utensils
 - ◆ Aluminium Utensils & Circles
 - ◆ Aluminium Wire Drawing & Super Enameling for Winding
 - ◆ Aluminium Wire Drawing
 - ◆ Aluminium Rolling Mill
 - ◆ Aluminium & Copper Cable Lugs
 - ◆ Aluminium Aerosol Cans
 - ◆ Aluminium Alloy from Virgin Metal/Ingot/Billet
 - ◆ Aluminium Alloy from Scrap & Virgin Metal
 - ◆ Aluminium Angles, Channels, Doors & Windows
- ◆ Aluminium Beverage Can Making Plant
 - ◆ Aluminium Bottle Caps
 - ◆ Aluminium Bottle Cold Extrusion
 - ◆ Aluminium Cans for Brewery Industry
 - ◆ Aluminium Cladding (Construction)
 - ◆ Aluminium Collapsible Tubes (Printed)
 - ◆ Aluminium Extrusion
 - ◆ Aluminium Extrusion for Pipe Accessories & Building Hardware
 - ◆ Aluminium Furniture
 - ◆ Aluminium Paint
 - ◆ Aluminium Power Cables
 - ◆ Aluminium Pressure & Gravity Die Casting
 - ◆ Aluminium Printing Plates for Offset Printing Machine
 - ◆ Aluminium Ps (Pre-Sensitised) Plates
 - ◆ Aluminium Secondary Billet Casting Plant
 - ◆ Aluminium Slug (Used for Collapsible Tube Containers)
 - ◆ Aluminium Wire Drawing & Wire Mesh
 - ◆ A.P.I. Tubes
 - ◆ Assaying Gold
 - ◆ Automatic Nut & Bolts Plant
 - ◆ Auto Brake Liner
 - ◆ Auto Bulb / Lamp
 - ◆ Auto Control Cables
 - ◆ Auto Head Light
 - ◆ Auto Leaf Spring
 - ◆ Auto Wires for 3/2 Wheelers
 - ◆ Automatic Ignition Coil
 - ◆ Automatic Vending M/C for Hot & Cold Beverages
 - ◆ Automised Aluminium Powder
 - ◆ Automobile (Four Wheelers)
 - ◆ Automobile Battery
 - ◆ Automobile Brake Shoe
 - ◆ Automobile Bushes
 - ◆ Automobile Gaskets
 - ◆ Automobile Gear
 - ◆ Automobile Industry (Four Wheelers)
 - ◆ Automobile Parts (Maruti Vehicles)
 - ◆ Automobile Piston Rings
 - ◆ Automobile Products (Processing Metal & Auto Part)
 - ◆ Automobile Radiators
 - ◆ Automobile Tyre for Bus, Truck & Lorry
 - ◆ Automobile Tyre, Tubes & Flaps
 - ◆ Automobile Work Shop/Garage & Service Station
 - ◆ Automotive Filters
 - ◆ Automotive Wiring Harnesses
 - ◆ Ball Bearing
 - ◆ Ball Bearing Industry
 - ◆ Battery for Auto Vehicles
 - ◆ Battery Plate
 - ◆ Battery Plate & Assembly
 - ◆ Beneficiation of Chromium, Nickel & Manganese Ore
 - ◆ Beneficiation of Manganese Ore
 - ◆ Bentonite (Quarrying, Processing & Exporting)
 - ◆ Bicycle Plant
 - ◆ Billets from Steel Scrap by Electric Furnace
 - ◆ Bimetal Bushes with Powder Based Metallurgy
 - ◆ Bicycle Assembly
 - ◆ Bicycle Chain
 - ◆ Bicycle Manufacturing
 - ◆ Bicycle Rim
 - ◆ Black and Annealed Wire
 - ◆ Black Bar to Bright Steel Bar
 - ◆ Black Pipe Galvanizing Plant
 - ◆ Body Building (Truck & Bus)
 - ◆ Brass & Aluminium Hinges
 - ◆ Brass and Copper Tube
 - ◆ Brass Casting Pollution Control
 - ◆ Brass Door, Window Fittings
- ◆ Brass Novelty
 - ◆ Brass Pressure Die Casting
 - ◆ Brass Rolling Sheets
 - ◆ Bright Bars
 - ◆ Bright Bar (S.S.)
 - ◆ Building Hardware of Aluminium
 - ◆ C.I. Casting Foundry
 - ◆ C.I. Casting (Foundry) By Induction Furnace
 - ◆ C.N.G. Cylinders (Storage for C.N.G. Gas)
 - ◆ C.P. Bathroom Fittings
 - ◆ Calcined & Activated Alumina
 - ◆ Carbide Tips/Inserts/Indexable
 - ◆ Carbon Brush, Brush Holder Slipping
 - ◆ Carbon Brushes
 - ◆ Carburator
 - ◆ Cargo Containers (for Ship & Train)
 - ◆ Cable Creeping Lugs, Socket & Cable Creeping Tools
 - ◆ Calcined Bauxite
 - ◆ Cast Iron & S.G. Iron Castings
 - ◆ Chemical Etching of Stainless Steel
 - ◆ Ceramic Foam Filters (Metallic Based).
 - ◆ Chains (Bicycle, Scooter, Motorcycle, Moped)
 - ◆ Clean Room (Modular Panels) for Pharmaceutical
 - ◆ Clutch Lining for Four Wheeler
 - ◆ Clutch Plate for Two Wheeler
 - ◆ Clutch, Clutch Plate & Assembly for Four Wheeler
 - ◆ Cold Rolled Pressed Steel Doors & Windows
 - ◆ Cold Rolling of M.S. Strips/Sheet
 - ◆ Cold Rolled Stainless Steel Plant
 - ◆ Cold Rolling of Steel Strips
 - ◆ Composite Carbon Fibre
 - ◆ Composite Container
 - ◆ Composite Steel Re-Rolling Mill
 - ◆ Continuous Copper Rod (CCR) from Copper Scraps
 - ◆ Continuous Electro Galvanizing Cold Dip Process of Steel Strip
 - ◆ Control & Precision Instrumentation
 - ◆ Cooling Tower
 - ◆ Copper Foil
 - ◆ Copper Powder
 - ◆ Copper Powder & Aluminium Powder
 - ◆ Copper Rod from Copper Scraps
 - ◆ Copper Strip Coils from Scraps
 - ◆ Copper Utensils
 - ◆ Copper Wire Bars or Rods from Copper Scraps
 - ◆ Copper Wire Drawing
 - ◆ Copper Wire Drawing & Enamelling
 - ◆ Copper Wire Drawing, Anealline & Enamelling
 - ◆ Decoiler and Sheet Shearing Plant
 - ◆ Diamond & Gem Cutting/Polishing (All Automatic Machinery)
 - ◆ Diamond Blade
 - ◆ Diamond Tools & Wheels
 - ◆ Die Making for Sheet Metal Working
 - ◆ Diesel Engine Repairing
 - ◆ Different Types of Fire Extinguishers
 - ◆ Disposable Needles & Syringes
 - ◆ Drip Irrigation System
 - ◆ Drum & Barrels (35 To 200 Ltrs.)
 - ◆ E.R.W. Steel Conduit Pipes
 - ◆ Earth Moving Equipment
 - ◆ Electric Arc Furnace
 - ◆ Electrical Stamping
 - ◆ Electronic Horn for Automobile
 - ◆ Fasteners (Nuts, Bolts, Rivets)
 - ◆ Fasteners (Nuts Bolts, Rivets & Washers)
 - ◆ Ferrite Magnets

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

NIIR PROJECT CONSULTANCY SERVICES

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SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Filter (Micro Filter Inserts for Automobile)
- ◆ Filter for All Vehicles
- ◆ Fire Extinguisher
- ◆ Fire Fighting Equipments
- ◆ Fire Extinguishers (Different Types)
- ◆ Flush Doors
- ◆ Forging Unit
- ◆ Forging Unit (General)
- ◆ Foundry Sand (Non Ferrous Metal)
- ◆ G.I. Wire from H.B. Wire
- ◆ G.I. Sheet (Plain & Corrugated)
- ◆ Galvanised Iron Strips
- ◆ Galvanising of Cans for Gardening
- ◆ Galvanising of Zinc (Electrical Process)
- ◆ Galvanising of Zinc (Hot-Dip Process)
- ◆ Galvanising Plant
- ◆ Garden Tools & Fencing Accessories
- ◆ Gas Detectors of L.P.G.
- ◆ Gas Welding Torch & Nozzles
- ◆ Gold Silver Jewellery
- ◆ Gold & Platinum Jewellery Manufacturing with Die-Casting
- ◆ Graphite Carbon Plate
- ◆ Graphite Crucibles
- ◆ Graphite Electrode for Arc Furnace
- ◆ Grinding Media Ball
- ◆ Hand Pump Mark-II Unit
- ◆ Hand Tools (E.O.U.)
- ◆ Handle for Bucket
- ◆ Helmet
- ◆ Hot Dip Galvanizing
- ◆ Hot Roll Steel Bar Mill
- ◆ Hydraulic and Pneumatic Items
- ◆ Hydraulically Regulated Doors Closer (Everest Type)
- ◆ Induction Furnace Re-Rolling Unit
- ◆ Industrial Valve
- ◆ Investment Casting
- ◆ Iron Powder (Cast)
- ◆ Iron Powder from Mill Scale Scrap
- ◆ Jail for Fan [Fan Guard] [Metalic] Automatic Plant
- ◆ Kitchen Sinks (Stainless Steel)
- ◆ Kudali, Fawra, Gaiti, Belcha
- ◆ L.P.G. Cylinder & Regulator
- ◆ L.P.G. Cylinders
- ◆ L.P.G. Regulators (Domestic Purpose)
- ◆ L.P.G. Stove
- ◆ Laminated Tube (Multilayer)
- ◆ Lead Metal from Lead Ore
- ◆ Link Chain
- ◆ Locks (Aligarh Type)
- ◆ M.S. and S.S. Weld Mesh
- ◆ M.S. Binding Wires
- ◆ M.S. Hinges
- ◆ M.S. Ingots (Mini Steel Plant) 5 MT Induction Furnace
- ◆ M.S. Pipe from Strips
- ◆ M.S. Winding Wire & Annealing
- ◆ Magnet
- ◆ Material Handling Equipments
- ◆ Measuring Tapes
- ◆ Mechanical Toys
- ◆ Metal Container for Packaging
- ◆ Metal Drums & Barrels 25 To 200 Liters
- ◆ Metal Hardening
- ◆ Metallic Drum (Used for Oil Storage)
- ◆ Micro Filters for Automobile
- ◆ Micro Irrigation System
- ◆ Mild Steel Flat Bar, Square Pipes & Tubes
- ◆ Mini Steel Plant (25-T UHF Electric Arc Furnace & Hot Rolling Mill)
- ◆ Mini Steel Plant (Ingot from Ore)
- ◆ Mini Steel Plant with Production of Bar
- ◆ Muffler & Silencer Pipes for Four Wheelers
- ◆ Non-Stick Cookwares
- ◆ Non-Stick Kitchen Ware
- ◆ Nut & Bolts (Cold Formed Steel Fasteners)
- ◆ Nut and Bolts (Mild Steel)
- ◆ Oil Seals
- ◆ Open Top Sanitary Cans for Food, Pesticides, Paint
- ◆ P.P. Caps (Aluminium)
- ◆ Pad Locks/Door Locks
- ◆ Pig Iron
- ◆ Puffer Proof Caps
- ◆ Puffer Proof Crown Caps
- ◆ Piston Assembly (Aluminium Alloy)
- ◆ Piston for Internal Combustion Engine
- ◆ Piston-Rings for IC Engines (Cast Iron)
- ◆ Plant Protection Equipment
- ◆ Plastic Cladded Aluminium Squeeze Tube
- ◆ Press Steel Doors & Window
- ◆ Pressure Die-Casting
- ◆ Printed (Multi Colour) Tin Container (Air Tight)
- ◆ Printed Tin Containers
- ◆ Railway Air Break
- ◆ Razor Blade
- ◆ Refrigeration Strand Various Model
- ◆ Re-Rolling Mill for Sayria & Twisting Rod
- ◆ Re-Rolling Mill for Tor Steel
- ◆ Resin Cored Soldering Wire
- ◆ Rice Huller
- ◆ Rock Drill Bits
- ◆ Rolling Mill with Furnishing Plant
- ◆ Rolling, Bearing & Forging of Outer/ Inner Rings
- ◆ Rubber Auto Parts
- ◆ Rubbing Compound for Automobile
- ◆ S.G. Iron Casting & Malleable Iron Casting
- ◆ S.S. Alloy Steel Casting
- ◆ S.S. Bright Bars & Wire Mfg.(Cold Drawn Process)
- ◆ S.S. Cutlery
- ◆ Safety Helmet
- ◆ Safety Pin, Paper Pin, Gem Clips
- ◆ Sandwiched Bottom (Al- Alloy & S.S.) Utensils
- ◆ Seamless M.S. Tube & Pipes
- ◆ Selenium Coated Aluminium Drum Used in Plain Paper Copier
- ◆ Self Taping Steel Screws
- ◆ Sewing Needles (For Use with Domestic/Indl. Sewing M/c.)
- ◆ Silencer for Auto Vehicles
- ◆ Silencer for Two and Three Wheelers
- ◆ Silicone Metal (Cap. 25 MT/A)
- ◆ Sintered Bearing
- ◆ Sintered Bushes
- ◆ Sintered Metal Auto Components
- ◆ Solder Wire & Flux
- ◆ Sponge Iron
- ◆ Sponge Iron with Captive Power Plant (Agro Based)
- ◆ Spring Washers
- ◆ Stainless Steel Cutlery
- ◆ Stainless Steel Fastener (Washer 100% EOU)
- ◆ Stainless Steel Tube
- ◆ Stainless Steel Utensil
- ◆ Stainless Steel Wire Drawing
- ◆ Steel Balls for Ball Point Pen
- ◆ Steel Casting for Railways
- ◆ Steel Containers
- ◆ Steel Drums and Barrels
- ◆ Steel Fabrication Unit
- ◆ Steel Forging for Automobile Parts
- ◆ Steel Furniture
- ◆ Steel Ingot (Furnace)
- ◆ Steel Plant (Blast Furnace)
- ◆ Steel Plant
- ◆ Steel Re-Rolling Mill (Steel Roof & Coil from Scrap)
- ◆ Steel Rolling Mill
- ◆ Steel Safety Pins
- ◆ Steel Shot/Steel Grits
- ◆ Steel Structure Unit
- ◆ Steel Tubes & P.V.C. Pipes
- ◆ Steel Wool
- ◆ Structural Steel
- ◆ Submerged Arc Welded Pipes
- ◆ Submersible Pump Manufacture
- ◆ Super Enamelled Copper Wire
- ◆ Surgical Suture
- ◆ Taper Roller Bearing
- ◆ Thermocole
- ◆ Three Wheelers Manufacturing
- ◆ Torch & Tri-Light Unit (Integrated Plant)
- ◆ Tripod Stands, Tables & Chairs (100% E.O.U.)
- ◆ Tube Making for Umbrella
- ◆ U Bolt & Centre Bolt for Auto leaf Springs
- ◆ Vacuum Metalising Process
- ◆ Vacuum Thermoflask
- ◆ Valve Guide
- ◆ Washerless Faucet (Taps)
- ◆ Watch Straps/Chains/Belt
- ◆ Watch Case Manufacturing Unit
- ◆ Watch Straps/Chains/Bracelets / Belt (Brass & Steel)
- ◆ Welding Brass Rod
- ◆ Welding Electrodes
- ◆ Welding Fluxes
- ◆ Wick Stoves
- ◆ Wick Stoves Stainless Steel
- ◆ Wind Mill
- ◆ Wind Screen Cleaner
- ◆ Wire Mesh (Hexagonal Square)
- ◆ Wire Nail
- ◆ Wire Nail/Wire Drawing
- ◆ Zinc and Aluminium Anode Foundry Marine & Oil Industry
- MISCELLANEOUS PRODUCTS
 - ◆ Advertising Agency
 - ◆ Agarbatti (Sticks)
 - ◆ Air Taxi (12 Seater)
 - ◆ Amusement Park
 - ◆ Amusement Park Cum Water Park
 - ◆ Ammonia Gas Bottling Plant
 - ◆ Artificial Flowers (Paper & Cloth)
 - ◆ Artificial Marble Tiles
 - ◆ Artificial Flowers
 - ◆ Asphaltic Roofing Sheet
 - ◆ Auto Workshop/Garage & Service Station
 - ◆ Automatic Book Binding Unit
 - ◆ Automatic Match Box with Match Stick Wooden & Waxed Strips
 - ◆ Bamboo Furniture
 - ◆ Bamboo Chips for Paper Mill
 - ◆ Bamboo Sticks Used for Agarbatti
 - ◆ Bamboo Tooth Picks (Cap. 64 MT/ Annum)
 - ◆ Bank (Private Sector)
 - ◆ Banquet Hall
 - ◆ Batchlor Physiotherapy (BPT College)
 - ◆ Bentonite
 - ◆ Bentonite (Quarrying, Processing & Exporting)
 - ◆ Bidi Manufacturing Unit
 - ◆ Body Building (Truck & Bus)
 - ◆ Bone Crushing Plant
 - ◆ Broom Stick Processing Unit
 - ◆ Buttons from Cattle Hoves
 - ◆ Buttons from Hoves & Horns
 - ◆ Canvas Shoes
 - ◆ Carbide Tips/Inserts/Indexable
 - ◆ Car-Leasing & Finance
 - ◆ Cancer Hospital (50 Beds)
 - ◆ Captive Power Plant
 - ◆ Captive Thermal Power Plant for Glass Industry
 - ◆ China Clay Washing/Purification
 - ◆ Cigarettes Unit
 - ◆ Cinema Hall
 - ◆ Coal Washing Unit
 - ◆ Coir Handicraft
 - ◆ Coir Industries
 - ◆ Cold Storage & Ice Plant
 - ◆ Cold Storage
 - ◆ Combine Coke
 - ◆ Community Hall
 - ◆ Composite Carbon Fiber
 - ◆ Coal Mining
 - ◆ Cricket Ball, Bat
 - ◆ Culinary Institute
 - ◆ Daily Need Stores
 - ◆ Dental College
 - ◆ Departmental Stores
 - ◆ Diagnostic Centre
 - ◆ Diamond & Gem Cutting & Processing Unit
 - ◆ Diamond Cutting & Export
 - ◆ Dispensary
 - ◆ Disposable Cigarette Gas Lighter
 - ◆ Dry Cleaners
 - ◆ Dry Cleaning and Laundry Unit
 - ◆ Dry Dock
 - ◆ Dry Flowers
 - ◆ Engineering College
 - ◆ Expansion Joint Filler
 - ◆ Eye Hospital
 - ◆ Fast Food Corner
 - ◆ Fire Fighting Equipment, Chemicals & Refilling
 - ◆ Fire Works
 - ◆ Five Star Hotel (Deluxe)
 - ◆ Five Star Hotel
 - ◆ Five Star Hotels with Shopping Mall, Health Club, Water Park, Amusement Park, Golf Course & Golf Academy, Cottage & Openair Theatre
 - ◆ Five Star Hotels, Business Center (Shopping Centre) PVR, Health Club & Banquet Hall
 - ◆ Flush Door, Chip Board, Hard Board, Insulating Board
 - ◆ Flush Door, Clip Board & Hardboard
 - ◆ Games Parlour
 - ◆ Gas Filling of L.P.G. Cylinder
 - ◆ Gems Manufacturing (Original)
 - ◆ Gold & Silver Jewellery
 - ◆ Gold Jewellery (100% EOU)
 - ◆ Golf Course
 - ◆ Handicrafts (Cane & Bamboo)
 - ◆ Hard Board from Saw Dust
 - ◆ Hawan Samagri
 - ◆ Health Club & Beauty Parlour
 - ◆ Health Club Cum Beauty Parlour Cum Hair Saloon
 - ◆ Heat Chamber Painting
 - ◆ Holiday Resorts
 - ◆ Holiday Resorts Cum Entertainment Club, 4 Star Hotel
 - ◆ Holiday Village Resort
 - ◆ Hospital
 - ◆ Hospital (20 Beds)
 - ◆ Hospital 300 Beds to 700 Beds with Teaching Facility
 - ◆ Hospital Bed
 - ◆ Hotel
 - ◆ Hotel 5 Star
 - ◆ Hotel 5 Star, 3 Star, Holiday Resorts
 - ◆ Hotel/Small Motel
 - ◆ International Standard Laboratories
 - ◆ Kids Entertainment Cum Food Centre (Restaurant) in the Mall
 - ◆ Laminated Partical Board
 - ◆ Laundry
 - ◆ Leasing Hire Purchase A/C
 - ◆ Local Area Bank
 - ◆ Low Ash Metallurgical Coke Plant
 - ◆ L.P.G. Cylinder Retesting Unit
 - ◆ L.P.G. Cylinder Testing Centre
 - ◆ Marketing Arrangement and Distribution Strategy of Wd-40
 - ◆ Marketing of Gram Shilpa
 - ◆ Match Box (Manual Process)
 - ◆ Match Box Plant (Automatic)
 - ◆ Medical College
 - ◆ Medical College, Hospital & Research Institute
 - ◆ Melamine Crockery

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

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SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Metallurgical Coke Plant Coking Coal
- ◆ Mfg. of Coloured Joint Filler Used for Jointing Tiles
- ◆ Mineral Fillers for Application in Paint, Paper, Rubber, Plastic
- ◆ Mineral Wool
- ◆ Motel/Small Hotel with Banquet Hall, Restaurant & Catering
- ◆ Multiplex Cinema Hall, PVR with Shopping Centre
- ◆ Multistoried Commercial Complex
- ◆ Natural Care Centre
- ◆ Nursery School
- ◆ Nursing Home
- ◆ Old Age Home, Orphan Children Hall & Dharamshala
- ◆ Paint Brush
- ◆ Paint Driers
- ◆ Particle Board & Block Board with Sanding and Laminating
- ◆ Pediatric Hospital 25 Beds
- ◆ Petrol Pump
- ◆ Pharmaceutical College (B-Pharma & D-Pharma)
- ◆ Photo Lab. Cum Studio (100% Computerized)
- ◆ Plaster of Paris Bandages
- ◆ Plywood
- ◆ Plywood & Plyboard
- ◆ Plywood (Phenol Bonded)
- ◆ Pre Laminated Particle Board
- ◆ Puzzles
- ◆ PVC Joint Fillings
- ◆ Q.S.S. Colour Lab
- ◆ Quering of Lime Stone
- ◆ Recreation and Health Club
- ◆ Rehabilitation Centre for Aged & Needy
- ◆ Residential Apartments
- ◆ Residential School (C.B.S.E. Pattern)
- ◆ Restaurant
- ◆ Restaurant/Fast Food Parlour
- ◆ Rock Wool Based on Slag
- ◆ Rubber Wood Processing Plant
- ◆ Saw Mill
- ◆ School
- ◆ School (Secondary School)
- ◆ Shellac Manufacturing
- ◆ Shoe Uppers
- ◆ Slaughter House & Beef Processing
- ◆ Slimming Centre & Health Club
- ◆ Snake Park
- ◆ Sport Shoe (Automatic Imported Plant)
- ◆ Sterilize Bone Meal
- ◆ Straw Board
- ◆ Stuff Toys
- ◆ Sunmica
- ◆ Super Market (Commercial Market)
- ◆ Synthetic Floating to Fishing Industry
- ◆ Synthetic Ruby and Sapphire
- ◆ Teak Wood & Meranti Doors—Solid Semi-Solid Doors
- ◆ Tennis Ball
- ◆ Three Star Hotel
- ◆ Timber (Wood) Seasoning
- ◆ Trading Business (Computer & Related Stationery)
- ◆ Trading Business (Rice, Salt, Dry Fruits)
- ◆ Trading Business (With Packaging Rice, Salt, Pulses)
- ◆ Travelling Agency
- ◆ Venetian Blind
- ◆ Video Film Studio
- ◆ Vocational Training Institute
- ◆ Ware House
- ◆ Water Park
- ◆ Wind Mill
- ◆ Wonder Fuel (Gel Type)
- ◆ Wood Wool Industry
- ◆ Wooden Chips for Supplying to Paper Mills
- ◆ Wooden Doors, Windows, Sheets,
- ◆ TV Cabinet
- ◆ Wooden Furniture
- ◆ Wooden Furniture with Mediocre Automation
- ◆ Wooden Furniture with Seasoning Plant
- ◆ Wooden Needles for Tooth & Wooden Spoon for Ice Cream
- ◆ Wooden Tooth Pick
- ◆ Work Shop for Telco Truck
- OILS & FATS**
- ◆ Anilin Oil By Hydrogenation from Benzene
- ◆ Cardamom Oil
- ◆ Castor Oil (Batch Process)
- ◆ Castor Oil (Extraction & Refining)
- ◆ Castor Oil Derivative Oleoresin
- ◆ Chilli Oil
- ◆ Coconut Oil from Copra
- ◆ Coconut Oil in Containers (Filtration & Airtight Packaging)
- ◆ Corn Oil (Maize Oil)
- ◆ Cotton Seed Oil
- ◆ Cotton Seed Oil (Extraction & Refining)
- ◆ Extraction of Oil from Neem Seed
- ◆ Extraction of Oil from Soyabean & Cotton Seed
- ◆ Extraction of Oil from Tamarind Seed
- ◆ Extraction of Sesame, Rice Bran & Palm Oil
- ◆ Fat Liquor (Sulfated Oil)
- ◆ Garlic Oil
- ◆ Ginger Oil
- ◆ Hydrogenation of Non-Edible Oil
- ◆ Lemon Grass Oil
- ◆ Linseed Oil
- ◆ Maize Oil
- ◆ Margarine/Fat
- ◆ Mahua Oil
- ◆ Neem Oil from Seeds
- ◆ Non-Formal Dye Fixing Oil
- ◆ Palm Oil
- ◆ Patchouli Oil
- ◆ Poppy Seed Oil By Expeller Process
- ◆ Poppy Seed Oil By Solvent Extraction Process
- ◆ Rainbow Colours on Metal
- ◆ Refined Oil (Cotton Seed Ground Nut Oil & Sunflower Oil
- ◆ Refined, Bleached, Palm Oil from Crude Palm Oil
- ◆ Rice Bran Extraction & Refining
- ◆ Rice Bran Oil
- ◆ Rubber Processing Oil
- ◆ Sesame Oil from Sesame Seed
- ◆ Shortening & Liquid Palm (Olien)
- ◆ Solvent Extraction Plant
- ◆ Sun Flower Seed Oil
- ◆ Tejpatta Oil from Tejpatta
- ◆ Turkey Red Oil
- ◆ Turpentine Oil and Rosin
- ◆ Virgin Coconut Oil
- ◆ Wheat Germ Oil
- ◆ Wool Batching Oil
- PAPER & ALLIED PRODUCTS**
- ◆ Absorbent Kraft Paper
- ◆ Amonia Paper
- ◆ Baby Wet Wipes & Facial Wet Tissue
- ◆ Carbonless Paper
- ◆ Card Board Boxes & Cartoons of Paper
- ◆ Card/Gray Board from Pulp & Waste Paper
- ◆ Carton Boxes (Using Duplex Paper Board)
- ◆ Coated Paper & Board Art & Chrom
- ◆ Corrugated Board Box Plant (Printed & Laminated)
- ◆ Corrugated Sheet Board & Boxes
- ◆ Craft Paper & Special Paper
- ◆ Craft Paper from Waste Paper
- ◆ Emery Sand Paper
- ◆ Exercise Note Book & Register
- ◆ Flute Paper from Waste Paper
- ◆ Hand Made Paper
- ◆ Hand Made Paper Using Recycled Hand Made Paper
- ◆ Hard Board from Baggase
- ◆ Kraft Paper & Mill Board from Waste Cartoon Boxes
- ◆ Kraft Paper from Waste Cartoon Boxes
- ◆ Manufacturing of Recycled Paper Products
- ◆ Mini Paper Plant
- ◆ Mini Paper Plant By Waste Paper
- ◆ Mini Paper Plant from Eucalyptus Wood
- ◆ Mini Paper Plant from Jute Sticks, Wheat Husk & Rice Husk
- ◆ Paper & Paper Products
- ◆ Paper (E.C.G. & E.E.G.)
- ◆ Paper and Paper Board from Jute Sticks
- ◆ Paper Bags for General Use
- ◆ Paper Bags for White Cement
- ◆ Paper Board
- ◆ Paper Cones & Tubes
- ◆ Paper Cones & Tubes (Automatic Plant)
- ◆ Paper Cups for Ice Cream
- ◆ Paper Envelopes
- ◆ Paper from Bagasse
- ◆ Paper from Bamboo
- ◆ Paper from Rice Husk & Wheat Husk
- ◆ Paper from Waste Paper
- ◆ Paper from Waste Paper, Bamboo Chips, Rice & Wheat Husk
- ◆ Paper from Wood Pulp & Bamboo
- ◆ Paper Napkin, Facial Paper & Toilet Roll from Tissue Paper
- ◆ Paper Napkins & Air Mail Paper
- ◆ Paper Plate with Silver Lamination
- ◆ Paper Plates
- ◆ Paper Shopping Bag
- ◆ Poly Coated Paper
- ◆ Printed Paper Shopping Bags
- ◆ Pulp from Bamboo & Wood
- ◆ Self-Sealing Paper Envelopes
- ◆ Silicon Release Paper
- ◆ Silicone Coated Paper
- ◆ Straw Board (Automatic Plant) from Rice Husk & Bagasse
- ◆ Sundried Board from Waste Paper & Pulp
- ◆ Tissue Paper
- ◆ Tissue Paper, Toilet Paper & Air Mail Paper Roll
- ◆ Tracing Paper
- ◆ Wall Paper
- ◆ Writing & Printing Paper
- ◆ Writing & Printing Paper Plant
- PESTICIDES, INSECTICIDES & ALLIED PRODUCTS**
- ◆ Aerosol Insecticide Spray
- ◆ Ayurvedic Gamaxane (Using Red Mong)
- ◆ Bagon Spray
- ◆ Bagon Aerosol Spray for Mosquito, Insects
- ◆ Black Phenyl (Rwc 5-6)
- ◆ Copper Oxychloride
- ◆ D.D.T. Powder
- ◆ Mosquito Coil and Mats
- ◆ Mosquito Coils
- ◆ Mosquito Mats and Liquids
- ◆ Mosquito Repellant Candle
- ◆ Mosquito Repellant Liquidator
- ◆ Mosquito Repellant Oil
- ◆ Mosquito Repellant Mats
- ◆ Mosquito Repellant Agarbatti
- ◆ Pesticide Formulation
- ◆ Pesticides
- ◆ Phenyl (Black & White)
- ◆ Phenyl Pine Oil Disinfectants
- PETROLEUM, WAXES & ALLIED PRODUCTS**
- ◆ Anti-Static Lubricating Oil Used for Polyester Fibre Spinning
- ◆ Automatic Candle Making Plant
- ◆ Bees Wax
- ◆ Bitumen Emulsion Cationic Type
- ◆ Bitumen
- ◆ Bituminous Felts for Water Proofing and Damp Proofing
- ◆ Brake Fluids (Dot-3 Type)
- ◆ Brake Oil, Coolant & Packaging of Lubricant Oil & Grease
- ◆ Break Oil
- ◆ Calcined Petroleum Coke
- ◆ Candle Making Plant (Semi Automatic)
- ◆ Candle Making Unit (Automatic)
- ◆ Chloroform (CHCl₃)
- ◆ Chlorinated Paraffin Wax (CPW)
- ◆ Coal Tar Pitch
- ◆ Coal Tar Distillation
- ◆ Coloured Flamed & Perfumed Candles
- ◆ Coloured Flamed Candles (Red, Blue & Green)
- ◆ Compound Wax from Residual Oil
- ◆ Coolant & Brake Oil
- ◆ Cough Syrup
- ◆ Crude Oil Refinery (Like Gasoline, Diesel, Jet Fuel, LPG, Kerosene & Bitumen)
- ◆ Cutting Oil
- ◆ Feldspar
- ◆ Furnace Oil
- ◆ Grease & Lube Oil from Used Engine Oil
- ◆ Grease Manufacturing
- ◆ Grease Manufacturing (Calcium, Lithium & Sodium)
- ◆ Grease Used for Chasis
- ◆ Jute Batching Oil
- ◆ Liquid Shoe Polish
- ◆ Lube Oil from CNSL Reduce Friction
- ◆ Lubricating Oil & Greases
- ◆ Lubricating Oils & Grease (Blending of Lubricating Oil & Manufacture of Greases
- ◆ Microcrystalline Wax from Sludge of Petroleum
- ◆ Microcrystalline Wax from Sludge of Petrochemical Refinery
- ◆ Mobile Oil (Lube) & Grease
- ◆ Paraffin Wax
- ◆ Poly Ethylene Wax
- ◆ Polyester Polyol Air Foam Mfg. By Using Petroleum Base as Raw Material
- ◆ Reclamation of Transformer Oil
- ◆ Reclamation of Used Engine oil
- ◆ Reclamation of Used Engine Oil By Alkali Refining
- ◆ Reclamation of Wax Sludge for Mfg. of Microcrystalline Wax
- ◆ Refining of Used Engine Oil for Making Base Oil
- ◆ Refining of Used Lubricating Oil
- ◆ Re-Refining of Engine Oil, Transformer Oil & Hydraulic Oil By Thin Film Distillation
- ◆ Re-Refining of Used Lubricating Oils
- ◆ Road Emulsion Bitumen or Modified Bitumen
- ◆ Shoe Polish
- ◆ Silicon Grease & Lubricants
- ◆ Sugar Cane Wax
- ◆ Transformer Oil
- ◆ Turkey Red Oil
- ◆ Wax Floor Polish
- ◆ Wetting Oil (Textile Yarn Wetting Agent)
- ◆ White Oil from Kerosene Oil
- ◆ Wire Drawing Lubricants
- ◆ Wood Polish
- PHARMACEUTICAL DRUGS & FINE CHEMICALS**
- ◆ 16 DPA (16-Dehydropreynolone Acitate)
- ◆ Adhesive Tape for Hospital Use
- ◆ Amoxycillin
- ◆ Ampicillin
- ◆ Aspirin
- ◆ Ayurvedic Churan & Tablets
- ◆ Ayurvedic Pain Balm Ointment

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

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SELECTED PROJECTS FOR RIGHT INVESTMENT

- ◆ Ayurvedic Pharmacy (Capsules, Liquid, Oral Ointment, Powder)
 - ◆ Ayurvedic/Herbal Pharmacy
 - ◆ Baby Health Care Food & Milk
 - ◆ Blood Collection Bags
 - ◆ Bulk Drugs
 - ◆ Camphor Tablets
 - ◆ Ciprofloxacin
 - ◆ Cloxacillin
 - ◆ Cotton Buds/Swab
 - ◆ Cough Syrup
 - ◆ Dettol Like Antiseptic Lotion
 - ◆ Dextrose (Monohydrous)
 - ◆ Dextrose 5%
 - ◆ Dextrose Anhydrous, Sorbitol, Vitamin C
 - ◆ Dextrose Injection
 - ◆ Dextrose Powder from Potatoes
 - ◆ Dextrose Saline 5% 10% 2 5 % Solution
 - ◆ Dextrose Saline Solution in Plastic Bottles
 - ◆ Disposable Baby Diaper
 - ◆ Disposable Medical Syringes
 - ◆ Disposable Needles for Syringes
 - ◆ Disposable Plastic Syringes & Needles Tube Plant
 - ◆ Distilled Water
 - ◆ Empty Gelatin Capsules
 - ◆ Gelatin from Bones
 - ◆ Glucose Saline
 - ◆ Herbal Concentrate in the Mfg. of Herbal Drugs & Concentrate
 - ◆ Herbal Extract
 - ◆ Herbal Formulation (Herbal Plant)
 - ◆ Homeopathic Sugar Globules
 - ◆ Homeopathic Medicines
 - ◆ Ibuprofen
 - ◆ Implantable Surgical Suture (Bio Medical Textile)
 - ◆ Injectables for Pharmaceutical
 - ◆ Isabgol Husk
 - ◆ I.V. Bottle (F.F.S. Technology)
 - ◆ I.V. Fluid in Plastic Bottles
 - ◆ I.V. Fluids
 - ◆ L-Ascorbic Acid (Vitamin C) from Lemons
 - ◆ Liquid Glucose from Maize and Maize Oil
 - ◆ Liquid Glucose from Potatoes
 - ◆ Medical X-Ray Film Slitting & Repacking
 - ◆ Medicinal Plant Extract
 - ◆ Metrodiazole
 - ◆ Mother Tincture & Bio Chemic Medicines
 - ◆ Paracetamol
 - ◆ Pentaerythritol
 - ◆ Pharmaceutical Grade Sugar
 - ◆ Pharmaceutical Unit (Tablet, Syrup, Capsules)
 - ◆ Pharmaceuticals (Biotech, Traditional & Generic)
 - ◆ Salicylic Acid/Aspirin
 - ◆ Saline and Injection Water
 - ◆ Sanitary Napkins & Baby Diaper
 - ◆ Starch, Liquid Glucose, Dextrose, Sorbitol
 - ◆ Sulfameth-oxazoline
 - ◆ Surgical Adhesive Tape on Cloth Surface
 - ◆ Surgical Cotton & Bandage
 - ◆ Surgical Suture
 - ◆ Tablet, Capsules, Syrup & Lotion
 - ◆ Tooth Brush & Tooth Powder/Paste
 - ◆ Tooth Paste & Tooth Powder
 - ◆ Trimethoprim
 - ◆ Veterinary Injectable Pharmaceutical Products (Liquid & Powder as per G.M.P.)
 - ◆ Veterinary Medicines (Powder, Tablets & Capsules)
 - ◆ Vitamin E
- PLANTATION**
- ◆ Amla Plantation
 - ◆ Aromatic Plants Cultivation & Processing
 - ◆ Asparagus Cultivation & Processing (100% EOU)
 - ◆ Banana Plantation & Its By Products
 - ◆ Cardamom Cultivation
 - ◆ Coconut Plantation
 - ◆ Coffee Plantation
 - ◆ Eucalyptus Tree Plantation
 - ◆ Ginger Cultivation & Storage
 - ◆ Herbal Medicinal Plant Cultivation & Processing
 - ◆ Herbal Plantation (Medicinal)
 - ◆ Maize Cultivation & Its By Products
 - ◆ Mango Plantation
 - ◆ Mustard Seed Cultivation
 - ◆ Neem Plantation
 - ◆ Palm Tree Plantation
 - ◆ Papaya Cultivation
 - ◆ Papaya Cultivation & Papain Manufacturing
 - ◆ Plantation of Medicinal Plant & Herbs
 - ◆ Poplar Plantation
 - ◆ Rose Plantation & Rose Oil Extraction (Rose Essential Oil)
 - ◆ Rubber Plantation
 - ◆ Saffron Cultivation
 - ◆ Shisham Plantation
 - ◆ Tea Plantation
 - ◆ Teak Plantation
 - ◆ Teak Plantation By Tissue Culture
 - ◆ Turmeric Plantation
- PRINTING & PUBLISHING**
- ◆ Aluminium Printing Plates for Offset Printing Machine
 - ◆ Aluminium PS (Pre-Sensitised) Plates
 - ◆ Automatic Book Binding Unit
 - ◆ Ceramic Transfers (For Printing on Ceramics)
 - ◆ Computer Farms & Security Printing Press
 - ◆ Daily News Paper Press
 - ◆ Desktop Publishing (DTP)
 - ◆ DTP Cum Offset Printing
 - ◆ DTP, E-Mail, Internet & Leased Access for Commercial Purpose
 - ◆ Flexographic & Rotogravure Printing
 - ◆ Flexographic Printing on Polyethylene
 - ◆ Graphic Art Conversion & Packing
 - ◆ Gravure Printing Cylinders
 - ◆ Heat Transfer Label for Rubber
 - ◆ Letter Press Printing Unit
 - ◆ Modern Advertisement Agency with DTP & Film Studio
 - ◆ Multi Colour 8 Page Offset Printing Unit
 - ◆ News Paper Publishing Unit
 - ◆ Offset Printing [Mini]
 - ◆ Offset Printing Press (2 Colour)
 - ◆ Offset Printing Press Single Colour
 - ◆ Offset Printing Press-4 Colour
 - ◆ Photo Polymer Coating for Plate & Block Making
 - ◆ Photo-Emulsion for Rotary Screen Printing
 - ◆ Pre-Sensitised (PS) Plates of Aluminium for Offset Printing
 - ◆ Printing Inks
 - ◆ Printing on Cartoon
 - ◆ Roto Gravure Printing
 - ◆ Screen Printing
 - ◆ Screen Printing Ink
 - ◆ Textile Printing (Pigment Binder)
 - ◆ Writing and Printing Paper
- RUBBER & PLASTIC INDUSTRIES**
- ◆ 100% Polyester Wadding
 - ◆ ABS Granules
 - ◆ Acrylic Latex
 - ◆ Acrylic Sheet & Moulded Products
 - ◆ Acrylic Sheet from Acrylic Waste
 - ◆ Acrylic Tiles (Extruded)
 - ◆ Acrylic Yarn
 - ◆ Acrylic Mirror
 - ◆ Acrylic Sheet
 - ◆ Acrylic Teeth Manufacturing
 - ◆ Air Bubble Packaging
 - ◆ Armoured Cables
 - ◆ Auto Tubes
 - ◆ Auto Tubes & Tyres for Scooter
 - ◆ Automobile Tyres for Bus, Truck, Trolley
 - ◆ Automobile Tyres, Tubes & Flaps
 - ◆ Automotive Tyre Plant (Cap. 5,00,000 Tyre/Annum)
 - ◆ Automotive Radial Tyre Plant for Car & Trucks
 - ◆ Bakelite Electrical Accessories
 - ◆ Bakelite Moulded Products
 - ◆ Bakelite Powder for Electric Goods & Pressure Cooker
 - ◆ Bakelite Sheet (Phenolic Sheet)
 - ◆ Bakelite Sheet (Fabric & Paper Base)
 - ◆ Bare Polyester Film with Metalising & Coating Process
 - ◆ Bicycle Tubes
 - ◆ Bicycle & Motor Cycle Tube
 - ◆ Bicycle Tyres 4000 Pcs./8 Hr.
 - ◆ Blood Bags
 - ◆ Blow Moulding (Plastic Containers)
 - ◆ Blood Collection Bags
 - ◆ Blow Moulded Plastic Products
 - ◆ BOPP Films
 - ◆ BOPP Pressure Sensitive Self Adhesive Tape
 - ◆ Centrifugal Rubber Latex Plant
 - ◆ Closed Cell Nitrile (Silicones Rubber Insulation)
 - ◆ Coir Foam (Rubberised Coir)
 - ◆ Colour Master Batches for Various Plastic
 - ◆ Conveyor Belting
 - ◆ Cross-Linked Polyurethane Foam
 - ◆ Cycle Tyres & Tubes
 - ◆ Disposable Dishes, Knife, Fork & Cutlery
 - ◆ Disposable Examination Plastic Gloves
 - ◆ Disposable Plastic Cup, Glasses
 - ◆ Disposable Plastic Syringes
 - ◆ Epoxy Resin
 - ◆ EVA (Ethylene Vinyl Acetate Sheet & Sole)
 - ◆ Expanded Polystyrene Board
 - ◆ Fiber Reinforced Plastics (FRP)
 - ◆ Fibre Glass
 - ◆ Fibre Glass Industries – Chopped, Stand, Mats & Woven Roving
 - ◆ Fibre Reinforced Plastic Pipes
 - ◆ Field Rubber Converted to the % Latex Rubber
 - ◆ Flexible Office Furniture Systems
 - ◆ Flexible Polyurethane Foam
 - ◆ Foam & its Products as Mattresses, Cushion, Pillows
 - ◆ F.R.P. Boat Building
 - ◆ F.R.P. Products (Fiber Reinforced Plastic Products)
 - ◆ FRP Auto Scooter Roofs/ Ceiling
 - ◆ FRP Sheet & Product
 - ◆ H.D.P.E. Bags (Stitching)
 - ◆ H.D.P.E. Film & Sheets
 - ◆ H.D.P.E. Tarpaulins
 - ◆ H.D.P.E. Woven Sacks/Stitching
 - ◆ Hard Rubber Battery Container
 - ◆ Hawaii Chappal
 - ◆ Hawaii Chappal & Micro Cellular Sheet Manufacturing
 - ◆ HDPE Container (All Purpose)
 - ◆ HDPE/PP Box Strapping
 - ◆ HM-HDPE Blow Moulded Containers
 - ◆ Hoses (Air-Based-Welding Hoses & Pesticides Spray Pipe)
 - ◆ Hydraulic Hoses and Clamping
 - ◆ I.V. Cannula
 - ◆ Industrial Gloves
 - ◆ Injection Moulded Plastic Products
 - ◆ Intra Venous (I.V.) Sets
 - ◆ L.P.G. Gas Pipe
 - ◆ L.P.G. Valves
 - ◆ Latex Based Adhesive
 - ◆ Latex Foam Rubber (Sponge Rubber)
 - ◆ Latex Rubber Condoms
 - ◆ Latex Rubber Thread
 - ◆ Liquid Storage Tank
 - ◆ LPG Rubber Tube (Pipe) Flexible
 - ◆ Manufacturing of HDPE & LDPE Pipes & Fittings
 - ◆ Medical X-Ray Film Slitting and Repacking
 - ◆ Micro Cellular Sheets (Rubber Sheets for Shoe Soles)
 - ◆ Moulded Luggage
 - ◆ Moulded Shoe & Hawaii Chappal
 - ◆ Muffler & Silencer Pipes for Four Wheeler
 - ◆ Multi-Layer Co-Extrusion, 3-Layer Film with Lamination & Printing
 - ◆ Neon Sign Board
 - ◆ Nylon Fish Net
 - ◆ Nylon, Polyester & Polypropylene Rope Making
 - ◆ Nylon Zip Fasteners
 - ◆ Optical Fibre
 - ◆ Patches Tube Repairing Material
 - ◆ PET Bottle
 - ◆ PET Bottles from Pre-Form PET
 - ◆ PET Bottles/Containers
 - ◆ PET Pre-Form from PET Resin
 - ◆ Plastic Buckets, Bottles & Doll
 - ◆ Plastic Buttons from Polyester Sheet & Rod
 - ◆ Plastic Card (Smart Card, Credit Card, Discount Card)
 - ◆ Plastic Cards (Smart Cards) Utilised as Credit Cards
 - ◆ Plastic Collapsible Tube for Tooth Paste & Cream
 - ◆ Plastic Collapsible Tubes & Printing
 - ◆ Plastic Corrugated Sheet & Box
 - ◆ Plastic Fan Guard (Automatic Plant)
 - ◆ Plastic Felt
 - ◆ Plastic Films & Sheet with Printing (Flexo & Roto)
 - ◆ Plastic Granules from Scraps/Waste
 - ◆ Plastic I. V. Bottles
 - ◆ Plastic Mats Extruding & Weaving
 - ◆ Plastic Moulded Furniture
 - ◆ Plastic Moulded Furniture (Chairs)
 - ◆ Plastic Moulded Products
 - ◆ Plastic Moulded Toys
 - ◆ Plastic Office Products
 - ◆ Plastic Processing Moulds
 - ◆ Plastic Sequence
 - ◆ Plastic Spectacle Frame
 - ◆ Plastic Sutili
 - ◆ Plastic Tooth Picks
 - ◆ Plastic Toys
 - ◆ Plastic Water Storage Tank (H.D.P.E.) (Syntex Type)
 - ◆ Poly Propylene Measuring Cup
 - ◆ Polyester Film
 - ◆ Polyester Polyol Air Foam By Using Petroleum Base as Raw Material
 - ◆ Polyester Resin
 - ◆ Polyethylene Tarpaulin (PE Tarpaulin)
 - ◆ Polythene Bags
 - ◆ Polythene Bags and Automatic Printing
 - ◆ Polythene Pouches for Ghee, Butter, Milk and Oil
 - ◆ Polythene Printed Bags
 - ◆ Polyurethane Foam & Its Products
 - ◆ Polyurethane Foam (Flexible)
 - ◆ Polyurethane Pipe Section, Slab Panels, Rigid Foam, Moulding
 - ◆ Polyurethane Product (Rigid & Moulded)
 - ◆ Polyvinyl Alcohol Film (Cold Water Soluble)
 - ◆ PP Bottle
 - ◆ PU Foam (Polyurethane Foams)
 - ◆ PVC (HDPE) Water Storage Tank

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

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SELECTED PROJECTS FOR RIGHT INVESTMENT

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



SELECTED PROJECTS FOR YOU

storage space required, cushioning properties, easy handling, adaptability to interior packing, attractive printing, wide source of supply. Duplex Carton box mostly used in the following sectors: pharmaceuticals companies, Health and beauty product manufacturers, processed food packers, pharmaceuticals, garments, liquor cartons, agarbatti packaging, packaging of engineering parts etc.

MARKET SURVEY

The paper industry plays an important social role and consumption of paper is considered as an indicator of economic growth of the country. There are about 666 industrial units engaged in manufacture of pulp, paper and paperboard, out of which, nearly 568 are in operation. The Indian paper industry is highly fragmented. The cost of setting up of industrial paper plants is generally low and technology cheap because of waste paper based processes, resulting in a large number of smaller capacities. The top five producers account for 15% of the total paper capacity in the country. The Indian paper industry consists of small, medium and large paper mills having capacity ranging from 5 to 800 metric tonnes (MT) per day (Tpd). The Indian Paper industry has a turnover of more than Rs. 17,000 crore. It contributes to the exchequer Rs.2,

500 crore annually by way of excise duty, customs duty, CVD, etc. It employs nearly three lakh persons directly and another ten lakh persons indirectly.

Cost Estimation

Capacity	: 21600 No.s/day
Plant and Machinery	: 165.1 Lakh
Cost of Project	: 306.36 lakh
Rate of return	: 46.66 %
Break Even Point	: 39.02 %

DEHULLED SESAME SEEDS

Sesame is commonly known as "Till". Its botanical name is *Sesamum indicum* L. It is one of the earliest domesticated plants. It is a short duration crop grown throughout the year. The seeds of the plant yield edible oil. Sesame seed is rich in fat, protein, carbohydrates, fiber and some minerals. The aroma and taste of the seed are mild and delicious. It has a nut-like slightly sweet flavor. It is used mainly as a food ingredient in whole, broken, crushed, shelled, powdered and paste forms.

Sesame is among the most important oil seeds of mankind, and one of its oldest. There are very different

Continue on page 34

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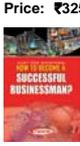
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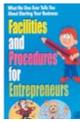
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The identification of a suitable project within the investment limit of a new entrepreneur is very difficult. The present book strives to meet this specific entrepreneurial need. The book contains processes formulae, brief profiles of various projects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



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SELECTED PROJECTS FOR YOU

kinds of sesame oil available, and some knowledge about their culinary properties is required to make a competent choice. Sesame seeds are believed to be one of the first condiments as well as one of the first plants to be used for edible oil.

PROPERTIES

The seeds are exceptionally rich in iron, magnesium, manganese, copper, and calcium (90 mg per tablespoon for unhulled seeds, 10 mg for hulled), and contain vitamin B1 (thiamine) and vitamin E (tocopherol). They contain lignans, including unique content of sesame in, which are phytoestrogens with antioxidant and anti-cancer properties. Among edible oils from six plants, sesame oil had the highest antioxidant content. Sesame seeds also contain phytosterols associated with reduced levels of blood cholesterol. The nutrients of sesame seeds are better absorbed if they are ground or pulverized before consumption, as in tahini. Sesame seeds contain a high amount of the anti-nutrient phytic acid.

USES

De-hulled sesame seed is mainly used to add texture, taste and aesthetic value to a variety of bakery products like bread, bread sticks, cookies, sesame bars etc; and also as an additive to cereal mixes and crackers. The whole seed is most important ingredient while preparing confectionery tahini (a halvah made from crushed, roasted and sweetened seeds) in the Gulf countries. The seed is rich in protein, carbohydrates, fibre, fat and some minerals content. Sesame Oil is mostly used as traditional cooking oil in Chinese food items and in Japan. Other than for cooking and salad dressing, the oil is an essential ingredient in manufacture of soaps, pharmaceuticals (as healing oil) and lubricants with additional use in cosmetic and skin care industries.

MARKET SCENARIO

India is one of the major producer & exporter of Sesame seeds in the world, offering a quality product at very competitive prices, especially for Hulled sesame seeds. The total sesame seed stock with the Union government is 65,000 tonne, which includes 20,000 tonne from Gujarat, 10,000 tonne from Madhya Pradesh and 15,000 tonne from Uttar Pradesh. Against the total stock of sesame seed at the national level, the demand for the same is much higher in the international.

Cost Estimation

Capacity	: 7.5 MT/day
Plant and Machinery	: 197.25 Lakh
Cost of Project	: 578.67 lakh
Rate of return	: 45.71%
Break Even Point	: 32.9%

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



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