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PROFITABLE INDUSTRIES FOR YOU

PET VIRGIN GRANULE PROCESSING (PET GRANULES/DANA) [EIRI-1733]

Polyethylene Terephthalate (PET) is a thermoplastic polyester. It is used for the production of bottles, sheet, strapping and injection moulded products. PET bottles are used in a wide range of applications such as carbonated soft drink (CSD), water (still/ carbonated), Liquor (IMFL/Country Liquor), Edible Oil, pharmaceutical, food and beverages, agro chemicals, toiletries, cosmetics and consumer goods. PET is also used for non-bottle applications such as thin/ thick sheet, dual-ovenable Crystallised PET (CPET) containers, injection moulded components and strapping.

Cost Estimation

Plant Capacity	3.33 MT./Day
Land & Building (1000 Sq.Mtr)	Rs. 1.43 Cr.
Plant & Machinery	Rs. 51.00 Lacs
W.C. for 1 Month	Rs. 85.85 Lacs
Total Capital Investment	Rs. 2.86 Cr.
Rate of Return	32%
Break Even Point	52%

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GYPSUM PLASTER BOARD, GYPSUM PLASTER AND PLASTER OF PARIS [EIRI-1734]

Gypsum Plaster Boards are contructional sheets composed of concined Gypsum with about 15% fibre. Its outstanding contributes are fire resistance, dimentional stability, easy workability and low cost fibres are added to provide crack resistance and for fire resistance water repellent chemicals may be added to the board core. The various sources of gypsum in India when developed will yield in addition to high grade gypsum. According to the present knowledge the latter has prospect of economic use as building materials, namely plaster, plaster boards and block. Gypsum plaster boards can be used as covering for walls ceilings and partition in normally by environments and under controlled conditions of humidity and temperature in buildings.

Cost Estimation

Land & Building (15000 Sq.Mtr)	Rs. 15.20 Cr.
Plant & Machinery	Rs. 2.83 Cr.
W.C. for 2 Months	Rs. 8.33 Cr.
Total Capital Investment	Rs. 26.90 Cr.
Rate of Return	39%
Break Even Point	39%

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DISTRIBUTION TRANSFORMER MANUFACTURING AND RECONDITIONING [EIRI-1735]

A transformer is a device that transfers electrical energy from one circuit to another through inductively coupled conductors—the transformer's coils. A varying current in the first or primary winding creates a varying magnetic flux in the transformer's core and thus a varying magnetic field through the secondary winding. This varying magnetic field induces a varying electromotive force (EMF), or "voltage", in the secondary winding. This effect is called inductive. If a load is connected to the secondary, current will flow in the secondary winding, and electrical energy will be transferred from the primary circuit through the transformer to the load. In an ideal transformer, the induced voltage in the secondary winding (Vs) is in proportion to the primary voltage (Vp) and is given by the ratio of the number of turns in the secondary (Ns) to the number of turns in the primary (Np).

Cost Estimation

Plant Capacity	486 Nos/Year
Land & Building (3000 Sq.Mtr)	Rs. 3.04 Cr.
Plant & Machinery	Rs. 62.00 Lacs
W.C. for 2 Months	Rs. 90.92 Lacs
Total Capital Investment	Rs. 4.79 Cr.
Rate of Return	24%
Break Even Point	61%

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COPPER OXYCHLORIDE [EIRI-1736]

Fungi are a large group of nongreen plants dependent upon the organic food made by photosynthesizing green plants. They represent a constant and ever present threat to many agricultural crops ranging from tropical and semi-tropical vegetation to temperate climate crops. Thus the control of phytopathogenic fungi is of great economic importance since fungal growth on plants or on parts of plants inhibits production of foliage, fruit or seed, and the overall quality of a cultivated crop. In addition, certain groups of fungi produce mycotoxins in infected crops, directly posing a health hazard to humans and animals. Fungicides are known in the art as either chemical or biological agents used to mitigate, inhibit or destroy fungi. To be economical, the cost of controlling plant diseases must be offset by increased crop yield and quality.

Cost Estimation

Plant Capacity	9.00 MT/Day
Land & Building (1500 Sq.Mtr)	Rs. 1.52 Cr
Plant & Machinery	Rs. 1.07 Cr
W.C. for 2 Months	Rs. 2.39 Cr
Total Capital Investment	Rs. 5.33 Cr
Rate of Return	90%
Break Even Point	25%

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INTEGRATED UNIT OF LIME STONE TO LIME, SODIUM CARBONATE & BICARBONATE AND CAUSTIC SODA [EIRI-1737]

Alkali chemical constitutes the oldest segment of the chemical industry. These chemicals serve as key inputs for a number of industries such as aluminium, soap, detergent, glass, tyre, rubber, pulp and paper, pharmaceutical, water treatment, textiles, leather, fiber etc. The key chemicals in the chlor-alkali industry are • Caustic Soda, • Chlorine (including liquid chlorine), • Soda Ash, Caustic Soda (chemically known as Sodium Hydroxide) and Chlorine are produced together through the electrolysis of common salt solution (Sodium Chloride or Brine). Caustic Soda and Chlorine are generated in the ratio of 1:0.89. Demand for chlorine drives caustic soda production globally, but in India the industry has developed in line with the demand-supply balance of caustic soda.

Cost Estimation (RUPEES IN LACS)

Plant Capacity	500.00 MT/Day
Land & Building (40 Acres)	Rs. 6.775
Plant & Machinery	Rs. 9.586
W.C. for 3 Months	Rs.7.162
Total Capital Investment	Rs. 26.128
Rate of Return	58%
Break Even Point	34%

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SODIUM HYDRO SULFITE [EIRI-1738]

Sodium hydrosulfite is an important chemical used in the textile industry and sugar industry. It is also used in rubber industry as a oxygen remover. The another names of sodium hydrosulfite are sodium hydrosulfite and sodium dithionite and Sodium Sulfoxylate. It has the chemical formula

Cost Estimation

Plant Capacity	20.00 TON/Day
Land & Building (1 Acres)	Rs. 2.53 Cr
Plant & Machinery	Rs. 2.10 Cr
W.C. for 3 Months	Rs.7.88 Cr
Total Capital Investment	Rs. 12.82 Cr
Rate of Return	59%
Break Even Point	31%

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AYURVEDIC COLLEGE WITH HOSPITAL [EIRI-1739]

Ayurveda, the perfect science or knowledge of life is believed to be the oldest treatment method which evolved around 600 BC in India. The word Ayurveda originated from the two Sanskrit words, 'Ayur' meaning life and 'Veda' meaning knowledge. Ayurveda practiced by special physicians called 'Vaidyas' is known to promote positive health, natural beauty and long life. Life, according to Ayurveda, is a combination of senses, mind, body and soul. The medicinal system believes that human beings and nature should be in perfect harmony and that disease occurs when the equilibrium between these two is disrupted. Restoration of this fundamental balance, through the use of nature and its products is the main goal of this medical system. The concept is not just on curing bodily ailments but also on preventing. Ayurveda emphasizes that 'Prevention is better than cure'. In Ayurveda, which is basically a humoural medical system, diseases are understood as an imbalance between the body's three humors, Vata, Pitta and Kapha.

Cost Estimation

Land & Building (5 Acres)	Rs. 14.52 Cr
Plant & Machinery	Rs. 13.00 Cr
W.C. for 3 Months	Rs. 3.27 Cr
Total Capital Investment	Rs. 32.00 Cr
Rate of Return	29%
Break Even Point	57%

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Top Industries to Start

ZINC EDTA [EIRI-1740]

Zinc EDTA is a derivative of Ethylene diamine Tetra acetic Acid. Ethylene diamine Tetra acetic Acid is a Sequestering / Chelating Agent. EDTA is a synthetic amino acid. It is widely known as EDTA. It is a white powder. EDTA Acid is insoluble in water. It is also named as Ethylene diamine Tetra acetate. It is widely used to dissolve Metallic Impurities. There are various Salts / Derivatives of EDTA. EDTA is widely recognized as effective Sequestering Agent. EDTA grabs metallic cation such as Lead or Calcium from the process and forms a stable compound that is then excreted from the system. The stability of this bond is vital to get the success in removing the inorganic impurities out of the system. If the bond is weak, other chemicals can break this bond to form their own compounds.

Cost Estimation

Plant Capacity	1 MT./Day
Land & Building (800 Sq.Mtr)	Rs.1.14 Cr
Plant & Machinery	Rs. 42.25 Lacs
W.C. for 1 Month	Rs. 47.42 Lacs
Total Capital Investment	Rs. 2.11 Cr
Rate of Return	29%
Break Even Point	50%

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MASTER BATCHES (COLOUR & FILLER) [EIRI-1741]

As the name Suggests the predispersed colors or color concentrates contain a high ropertion (20-50% or even more) of pigment by weight uniformely dispersed in a suitable carrier resin. The carrier resin may be a liquid or solid. In theformer case the product is a liquid dispersion while in the latter case the product is known as solid predispered colour. Liquid dispersions may be available as low viscosity materials for plastisols, or high viscosity pastes for thermoplastics. Solid concentrates in the form of powders they are suitable for use in powder resins. These concentrates are usually marketed for specific or a group of related plastics. Some so called universal dispersions are also available in the market.

Cost Estimation

Plant Capacity	4 Ton/Day
Land & Building (1500 Sq.Mt.)	Rs. 2.12 Cr.
Plant & Machinery	Rs. 55 Lacs
W.C. for 3 Months	Rs. 2.76 Cr.
Total Capital Investment	Rs. 5.53 Cr.
Rate of Return	38%
Break Even Point	40%

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MANUFACTURING DOUBLE GLAZED UPVC WINDOWS WITH ARGON FILL [EIRI-1742]

uPVC - Unplasticized polyvinyl chloride. Chemical composition - PVC(resin) +CaCo3(calcium carbonate) + Tio2(titaniun-di-oxcide). uPVC, also known as rigid PVC, is extensively used in the building industry as a low-maintenance material. Very strong plastic used for making window frames and other parts of buildings. Wide range of colors, wooden finishes and other textures. uPvc have High impact resistance, Unaffected by temperature, Corrosion resistant, Resistant to exhaust fumes and building industry chemicals, Aging resistant & etc. Windows and doors are the connection between rooms and the outside world. They allow light and air into the house and enable you to see the world outside while protecting from wind, harmful rays of sun and rain. They keep us warm in the winter and cool in the summer.

Cost Estimation

Plant Capacity	1000 sq.ft./Day
Land & Building (1500 Sq.Mtr)	Rs. 75.00 Lacs
Plant & Machinery	Rs. 1.55 Cr
W.C. for 3 Months	Rs. 2.76 Cr
Total Capital Investment	Rs. 5.15 Cr
Rate of Return	25%
Break Even Point	55%

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MINI FLOUR MILL (ATTA, MAIDA, SUJI) [EIRI-1743]

The plant will have facility to produce, Maida, Sooji, Atta and bran. These products will be sold as per the guidance issued for Food and Civil Supplies Department of the concerned state. The same plant can be used to process other cereals such as rice gram, dal etc However, attempt is made have to examine feasibility and profitability of processing wheat to produce Maida, Sooji, Atta and bran. Flour mill serve the purpose of processing wheat to convert it into flour. Wheat grains are the seeds of the wheat plant which is able to grow is kinds of soil and under widely differing climatic conditions.

Cost Estimation

Plant Capacity	20 MT./Day
Land & Building (1500 Sq.Mtr)	Rs. 2.40 Cr
Plant & Machinery	Rs. 1.21 Cr
Total Capital Investment	Rs. 4.85 Cr
Rate of Return	30%
Break Even Point	51%

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BANANA FIBRE EXTRACTION AND HAND MADE PAPER [EIRI-1744]

The use of "Banana" fiber for textile and other purpose as natural material is a new concept for India. However, considerable research work has been done by textile research organizations including BITRA, CITRA, KVIC(Khadi Village Industry Corporation) and NRCB (National Research Centre for Banana-Trichy) and it has been found that banana fiber can be a very promising source of natural fiber in the coming period. It may be noted that this fiber is already used successfully in Philippines since decades and hence it is known popularly as "Manila Hemp".

Cost Estimation

Plant Capacity	3 Ton/Day BANANA FIBRE 6 Ton/Day HAND MADE PAPER
Land & Building (5000 Sq.Mtr)	Rs. 6.20 Cr
Plant & Machinery	Rs. 1.37 Cr
W.C. for 3 Months	Rs. 1.90 Cr
Total Capital Investment	Rs. 9.97 Cr
Rate of Return	89%
Break Even Point	23%

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SUPERABSORBENT POLYMER (POLY ACRYLIC ACID BASED) [EIRI-1745]

Superabsorbent polymers are primarily used as an absorbent for water and aqueous solutions for diapers, adult incontinence products, feminine hygiene products, and similar applications. Undoubtedly, in these applications, superabsorbent materials will replace traditional absorbent materials such as cloth, cotton, paper wadding, and cellulose fiber. Commercial production of superabsorbent polymers began in Japan in 1978, for use in feminine napkins. This early superabsorbent was a crosslinked starch-g-polyacrylate. Polyacrylic acids eventually replaced earlier superabsorbents, and is the primary polymer employed for superabsorbent polymers today.1 In 1980, European countries further developed the superabsorbent polymer for use in baby diapers. This first diapers employing this technology used only a small amount of polymer, approximately 1-2 g.

Cost Estimation

Plant Capacity	320.00 MT./Day
Land & Building (8 Acres)	Rs. 19.80 Cr
Plant & Machinery	Rs. 16.00 Cr
W.C. for 3 Months	Rs. 4.84 Arab
Total Capital Investment	Rs. 5.22 Arab
Rate of Return	37%
Break Even Point	28%

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STAINLESS STEEL UTENSILS [EIRI-1746]

Stainless steel cookware and bake ware is exceptionally durable. Once stainless steel has been stamped, spun or formed into utensil shape, it takes an extremely hard blow to dent it. Its attractive finish won't corrode or tarnish permanently, and its hard, tough, nonporous surface is resistant to wear. Extremely smooth and scratch resistant, stainless steel utensils take an excellent polish. Top-of-the-range cookware, bakeware, pantryware, tools and other equipment are frequently produced in stainless steel, which eases the work of homemakers. Like other steels, stainless steel is an alloy—a combination of iron and other metals. What makes it different from other steels, however, is that it contains at least 11 percent chromium. It is chromium that makes steel "stainless" all the way through. Stainless steel may also contain other elements, such as nickel, molybdenum, columbium or titanium. These materials can contribute special hardness, high temperature resistance, and resistance to scratching and corrosion to the finished stainless steel alloy.

Cost Estimation

Plant Capacity	720 Kgs./Day
Land & Building (2000 sq.mt.)	Rs. 1.31 Cr.
Plant & Machinery	Rs. 19 Lacs
W.C. for 2 Months	Rs. 52 Lacs
Total Capital Investment	Rs. 2.11 Cr.
Rate of Return	20%
Break Even Point	65%

DOUGH MOULDING COMPOUND (DMC), BULK MOUDING COMPOUND (BMC), SHEET MOULDING COMPOUND (SMC) [EIRI-1747]

Bulk moulding compounds represent a family of chopped fibre thermoset or thermoplastic based composite materials. Fibre lengths are typically 1/2 inch, 1 inch or 2 inch (6 to 50 mm). Longer fibres provide higher tensile strengths while shorter fibres allow more complex shapes to be moulded. Standard modulus and intermediate modulus fibres are utilized as is S2 glass. TenCate offers a complete line of epoxy based thermosets and also offers a line of thermoplastic resins such as PEEK, PEKK, PPS and PEI. Thermoplastic based resins offer low moisture uptake, good impact resistance and low flame, smoke and toxicity.

Cost Estimation

Plant Capacity	1 TPD/Day
Land & Building (1000 sq.mt.)	Rs. 1.13 Cr.
Plant & Machinery	Rs. 51 Lacs
W.C. for 3 Months	Rs. 1.10 Cr.
Total Capital Investment	Rs. 2.92 Cr.
Rate of Return	73%
Break Even Point	33%

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LIQUID SULFUR TRIOXIDE (SO3) (EIRI-1748)

Sulfur trioxide (alternative spelling, sulphur trioxide) is the chemical compound with the formula SO_3. In the gaseous form, this species is a significant pollutant, being the primary agent in acid rain. It is prepared on massive scales as a precursor to sulfuric acid. Gaseous SO_3 is a trigonal planar molecule of D3h symmetry, as predicted by VSEPR theory. SO_3 belongs to the D3h point group. In terms of electron-counting formalism, the sulfur atom has an oxidation state of +6 and a formal charge of +2. The Lewis structure consists of an S=O double bond and two S–O dative bonds without utilizing d-orbitals.

Cost Estimation

Plant Capacity	320.00 MT./Day
Land & Building (10000 Sq.Mtr)	Rs. 6.50 Cr
Plant & Machinery	Rs. 3.75 Cr
W.C. for 3 Months	Rs. 3.06 Cr
Total Capital Investment	Rs. 14.05 Cr
Rate of Return	39%
Break Even Point	43%

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PAN MASALA AND MOUTH FRESHNERS [EIRI-1749]

Pan masala contains catechu, chuna, flavouring agents and perfumery compounds etc. It refreshens the mouth and gives the feeling of cold in throat when taken in small amount. Panmasala is chewed either with pan or directly without any other thing. Pan masala is a mixture of nuts, seeds, herbs, and spices which is served after meals in India. Various versions are also served in the Middle East and parts of Southeast Asia, where they are treated as mouth fresheners. Some households and restaurants make their own mixtures with special house ingredients, and it is also possible to purchase packaged pan masala from spice stores and many markets in India. Outside of India, it is available at Indian specialty stores and through importers. EIRI have just prepared the Detailed Project Report on the subject. visit www.eiriindia.org

Cost Estimation

Plant Capacity	300.00 Kgs./Day
Land & Building (500 Sq.Mtr)	Rented
Plant & Machinery	Rs. 20.00 Lacs
W.C. for 1 Month	Rs. 32.00 Lacs
Total Capital Investment	Rs. 58.00 Lacs
Rate of Return	59%
Break Even Point	56%

Start Your Own Industry

TOYOTA AUTOVEHICLES DEALERSHIP WITH AUTOMOBILE GARAGE [EIRI-1750]

A car dealership or vehicle local distribution is a business that sells new or used cars at the retail level, based on a dealership contract with an automaker or its sales subsidiary. It employs automobile salespeople to sell their automotive vehicles. It may also provide maintenance services for cars, and employ automotive technicians to stock and sell spare automobile parts and process warranty claims Car dealerships were traditionally large lots located out of town or on the edge of town centers and which relied on the skills of sales staff to sell vehicles.

Cost Estimation

Plant Capacity	1 CAR/Day
Land & Building (4000 Sq.Mtr)	Rs. 2.22 Cr
Plant & Machinery	Rs. 57.15 Lacs
W.C. for 1 Month	Rs. 3.39 Cr
Total Capital Investment	Rs. 6.61 Cr
Rate of Return	28%
Break Even Point	62%

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ONION CHIPS & POWDER AND GARLIC POWDER (DEHYDRATION INDUSTRY) [EIRI-1751]

Onion (Allium cepa) belongs to the family Alliaceous. Onion is a vegetable crop onsumed all over the world but cannot be grown in abundance in every country. It is mainly grown for its bulb which is used for consumption, flavouring and seasoning in almost every home. As an item of world trade, onion ranks second in importance after tomatoes among the vegetables. In India, onion is extensively cultivated over a large area spread almost throughout the country. It is produced for bth domestic consumption as well as exports. The onions are regarded as a highly export oriented crop and earn valuable foreign exchange for the country. Though India produces a significant quantity of onions it is not regular and sufficient enough to meet the demands for both domestic requirement and exports.

Cost Estimation

Plant Capacity	1.60 TON/Day
Land & Building (800 Sq.Mtr)	Rs. 1.05 Cr
Plant & Machinery	Rs. 48.50 Lacs
W.C. for 1 Month	Rs. 35.73 Lacs
Total Capital Investment	Rs. 1.98 Cr
Rate of Return	38%
Break Even Point	48%

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GLASS BOTTLE MANUFACTURING [EIRI-1752]

Glass is one of man's most valuable and versatile materials. About 700 different glass compositions are in commercial use. These are fabricated into tens of thousand of different articles that have combinations of properties for about a thousand essentially different uses. Glass ware manufacturing occupies an important role in the glass manufacturing industry. The process of glass ware manufacturing can be divided into the continuous production process and the discontinuous process. For former is a process in which processes from the input of raw materials through the moulding of glass are conducted continuously and in equipose utilizing the tank furnace. As a whole the plant of this process should be operated for eight hours several kinds of moulding may be done by this process if the continuous forming machine is employed.

Cost Estimation

Plant Capacity	25 MT./Day
Land & Building (6000 Sq.Mtr)	Rs. 8.00 Cr
Plant & Machinery	Rs. 3.16 Cr
W.C. for 3 Months	Rs. 2.30 Cr
Total Capital Investment	Rs. 13.92 Cr
Rate of Return	31%
Break Even Point	48%

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GOAT FARMING [EIRI-1753]

Goats are among the main meat-producing animals in India, whose meat (chevon) is one of the choicest meats and has huge domestic demand. Due to its good economic prospects, goat rearing under intensive and semi-intensive system for commercial production has been gaining momentum for the past couple of years. High demand for goat and its products with potential of good economic returns have been deriving many progressive farmers, businessmen, professionals, ex-servicemen and educated youths to take up the goat enterprise on a commercial scale. The emerging favourable market conditions and easy accessibility to improved goat technologies are also catching the attention of entrepreneurs. A number of commercial goat farms have been established in different regions of the country.

Cost Estimation

Land & Building (7200 Sq.Ft.)	Rs. 85.30 Lacs
Plant & Machinery	Rs. 2.25 Lacs
W.C. for 1 Month	Rs. 1.69 Lacs
Total Capital Investment	Rs. 92.64 Lacs
Rate of Return	19%
Break Even Point	53%

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SANITARY NAPKINS (DISPOSABLE) [EIRI-1754]

Sanitary napkin is a hygiene absorbent product used by women during menstrual periods. It is a product of technical textile. A sanitary napkin, sanitary towel, sanitary pad, menstrual pad, maxi pad, or pad is an absorbent item worn by a woman while she is menstruating, recovering from vaginal surgery, for lochia (post birth bleeding), abortion, or any other situation where it is necessary to absorb a flow of blood from a woman's vagina. The menstrual cycle stars for young women between the ages 11-17, frequently around 12-13 years. On average a woman experiences a period every 28th Day, 12-13 times in a year. A menstrual period normally lasts 3-7 Days. The loss of fluid in a period is on average half a cup or 65-80 ml. The menstrual pattern is influenced by giving birth and contraceptive methods. Menstruation lasts until menopause at the age 45-55. The feminine hygiene products market has evolved over more than 100 years.

Cost Estimation

Plant Capacity	1,60,000 NOS/Day
Land & Building (1500 Sq.Mtr)	Rs. 2.15 Cr
Plant & Machinery	Rs. 3.60 Cr
W.C. for 3 Months	Rs. 1.32 Cr
Total Capital Investment	Rs. 7.24 Cr
Rate of Return	34%
Break Even Point	51%

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WALNUT PROCESSING PLANT [EIRI-1755]

A walnut is the nut of any tree of the genus Juglans (Family Juglandaceae), particularly the Persian or English walnut, Juglans regia. It is used for food after being processed while green for pickled walnuts or after full ripening for its nutmeat. Nutmeat of the eastern black walnut from the Juglans nigra is less commercially available, as are butternut nutmeats from Juglans cinerea. The walnut is nutrient dense with protein and essential fatty acids. Etymologically, the word walnut derives from the Germanic wal- and Old English wealhhnutu, literally "foreign nut", wealh meaning "foreign" (wealh is akin to the terms Welsh and Vlach Characteristics. Walnuts are rounded, single-seeded stone fruits of the walnut tree commonly used for the meat after fully ripening. Following full ripening, the removal of the husk reveals the wrinkly walnut shell, which is usually commercially found in two segments (three-segment shells can also form). During the ripening process, the husk will become brittle and the shell hard.

Cost Estimation

Plant Capacity	15 TONS/Day
Land & Building (2 Acres)	Rs. 1.94 Cr
Plant & Machinery	Rs. 2.62 Cr
W.C. for 1 Month	Rs. 21.38 Cr
Total Capital Investment	Rs. 26.32 Cr
Rate of Return	45%
Break Even Point	32%

****

SUPERABSORBENT POLYMER USING CONTINUOUS GEL POLYMERIZATION [EIRI-1756]

Superabsorbent polymers are primarily used as an absorbent for water and aqueous solutions for diapers, adult incontinence products, feminine hygiene products, and similar applications.

Cost Estimation

Plant Capacity	320 MT./Day
Land & Building (8 Acres)	Rs. 19.80 Cr
Plant & Machinery	Rs. 18.50 Cr
W.C. for 3 Months	Rs. 5.58 Arab
Total Capital Investment	Rs. 5.97 Arab
Rate of Return	13%
Break Even Point	52%

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Patrons, deposit amount in EIRI Account ICICI BANK LTD. CA-038705000994 (RTGS/NEFT/IFSC Code: ICIC0000387)

Top Industries to Start

COLD STORAGE PLANT [EIRI-1757]

All fruits and vegetables require specialized post harvest treatment, appropriate temperature and relative humidity for their storage. Establishment of cold storage provides refrigerated storage and preservation facilities for several fruits, vegetables & flowers. Because of technology advancements and logistic strategies, the cold storage of perishable items has become an important stage in the distribution between manufacturers/processors and retail locations. The cold storage will ensure the increased availability and improved quality of high value perishable fruits and vegetables for both export and local sale, which would otherwise perish or deteriorate. This project is designed for storing of potatoes and apples/ kinnu etc. but it can be used to store multiple products, stored in different compartments of the unit, where relative temperatures for respective products can be maintained. The major clientele of this business will be the export houses and the local trading and marketing units of potato and apple/ kinnu. The project will further aim at storing fruits & vegetables even during off-seasons. The project will ultimately assist the clientele in maintaining market price equilibrium throughout the year for potatoes.

Cost Estimation

Plant Capacity	5000 MT.
Land & Building (2 Acres)	Rs. 4.31 Cr
Plant & Machinery	Rs. 3.26 Cr
W.C. for 1 Month	Rs. 12.16 Lacs
Total Capital Investment	Rs. 7.86 Cr
Rate of Return	18%
Break Even Point	61%

****

KRAFT PAPER FROM WASTE CARTON BOXES [EIRI-1758]

Paper form a commodity of prime importance to Day from the parts of view of mass communication, education, and industrial and economic growth. The art of paper making was first discovered in China in and around 2nd century. B.C. pan where it travelled slowly west ward and reached the prantiens of Europe. By the end of 14th century, a member of paper mill existed in Europe, particularly in Spain, Italy, France and Germany. the invention of printing in 1956 brought a vastly in creased demand for paper, and paper-manufacturing was introduced to England. America followed in 1690. Agricultural residues, such as bagasse, rice husk, wheat husk jute sticks, grasses, etc are fast becoming popular materials for paper making. considerable attention is being given to the utilization of various agricultural by products for preparing pulp for paper manufacture landable efforts are being make in this direction. Paper production requires a disintegration of the bulky fibrous material to individual or small agglomerate fibres. This is called pulping. The ideal fibre for high grade paper should be long, high in cellulose content and low in ligrin content.

Cost Estimation

Plant Capacity	100 MT./Day
Land & Building (16 Acres)	Rs. 31.95 Cr.
Plant & Machinery	Rs. 51.00 Cr.
W.C. for 3 Months	Rs. 25.40 Cr.
Total Capital Investment	Rs. 111.49 Cr.
Rate of Return	32%
Break Even Point	52%

****

GUAR GUM [EIRI-1759]

The districts in Haryana indulge d in the production of guar are Bhiwani, Sirsa, Mahendragarh and Rewari and the districts in Gujarat are Kutch, Banaskantha, Mehsana, Sabarkantha and Ahmadabad. Jodhpur city in Ra jasthan is one of the major processing centers of guar gum in India. Guar also known as cluster bean (Cyamopsis tetragonoloba (L.) Taub) is a drought hardy leguminous crop. Guar is being grown for seed, green fodder, vegetable and green manuring. It is an annual plant, about 4 feet high, vertically, stalked, with large leaves and clusters of pods.

Cost Estimation

Plant Capacity	5 MT./Day
Land & Building (1 Acre)	Rs. 2.00 Cr
Plant & Machinery	Rs. 1.11 Cr
W.C. for 3 Months	Rs. 2.52 Cr
Total Capital Investment	Rs. 5.74 Cr
Rate of Return	90%
Break Even Point	25%

****

CATIONIC SOFTENERS [EIRI-1760]

Softening of textile materials was probably carried out in prehistoric times and has continued till toDay. Most of the Softening agents are derived from straight chain fatty radicals containing 12 to 18 carbon atoms. Softening agents may be divided into three main classes i.e.- 1. Anionic Softeners such as oil Emulsions, sulphonated oils, soaps, sulphated fatty alcohols & tallow. 2. Cationic softeners - such as substituted quaternary ammonium compounds and 3. Noronic Softeners such as Polyoxyethylene derivatives, Polyethylene emulsions & silicons.

Cost Estimation

Plant Capacity	600 Kgs./Day
Land & Building (200 Sq.Mtr)	Own
Plant & Machinery	Rs. 4.50 Lacs
W.C. for 1 Month	Rs. 17.87 Lacs
Total Capital Investment	Rs. 24.67 Lacs
Rate of Return	39%
Break Even Point	67%

****

BUS MANUFACTURING PLANT(LIKE VOLVO TYPE) [EIRI-1761]

Bus is used as the most common public transport vehicle in our country. Different State Transport Undertakings are plying their buses for commuting public from one place to another and from one State to another. Apart from these Undertakings, Private Bus Operators, travel agencies etc. are also operating buses on permit basis. With rapid changes in the society, now a Days it has become necessary to provide good and efficient service to the public. Also with the rapid industrialisation, public is moving very frequently from one place to another using public transport.

Cost Estimation

Plant Capacity	1 Bus/Day
Land & Building (10,000 Sq.Mtr)	Rs. 4.68 Cr
Plant & Machinery	Rs.1.51 Cr
W.C. for 2 Months	Rs. 40.14 Cr
Total Capital Investment	Rs. 46.91 Cr
Rate of Return	36%
Break Even Point	36%

****

BANANA CHIPS (USING MICROWAVE DRYING TECHNOLOGY) [EIRI-1762]

Banana is the one of richest iron source green vegetable. It can be preserved for 3 months or more by reducing moisture in it. this may be done by drying procedure or frying procedure. This is preserving art of green vegetable for long time. The keeping quality of food materials is greatly improved by the reduction in their water contents. Fruits, leafy vegetables, meat, fish, and dairy product containing high percentage of water deteriorate more rapidly than root crops and cereals which are comparatively dry. Drying by exposure to the sun is the method adopted in several countries for prolonging the storage life of fruits and fish. In India, more food is preserved by sun-drying than by any other means.

Cost Estimation

Plant Capacity	2.40 MT/Day
Land & Building (1500 Sq.Mtr)	Rs. 2.08 Cr
Plant & Machinery	Rs. 1.50 Cr
W.C. for 3 Months	Rs. 1.98 Cr
Total Capital Investment	Rs. 5.88 Cr
Rate of Return	40%
Break Even Point	41%

****

TRIETHYLENE GLYCOL FROM MEG/DEG, ETHYLENE OXIDE & WATER [EIRI-1763]

Triethylene glycol, TEG, or triglycol is a colorless odorless viscous liquid with molecular formula HOCH2CH2OCH2CH2OCH2CH2OH. It is used as a plasticizer for vinyl. It is also used in air sanitizer products, such as “Oust” or “Clean and Pure”.

Cost Estimation

Plant Capacity	10 MT./Day
Land & Building (1.5 Acres)	Rs. 3.31 Cr
Plant & Machinery	Rs. 3.10 Cr
Total Capital Investment	Rs. 15.32 Cr
Rate of Return	33%
Break Even Point	42%

****

Best Industries to Start and Grow

BENEFICATION OF GRAPHITE ORE [EIRI-1764]

Graphite is one of three pure forms of carbon (C, atomic number 6), the others being diamond and fullerenes. It is grey to black in colour, opaque, and often has a metallic lustre. It is a soft, light mineral, is flexible but not elastic and has a high melting point of 3,390°C. Graphite's layer atomic structure is responsible for many of its unique properties. It exhibits both metallic and non-metallic properties, including high thermal resistance, lubricity, inertness as well as thermal and electrical conductivity. The focus of this work is natural graphite. Owing to its diverse properties, graphite is used in a wide variety of applications. Most of graphite usage toDay is in refractory applications. Other key industrial applications for graphite include lubricants, steelmaking, metal casting, brake linings.

Cost Estimation

Plant Capacity	40 MT/Day
Land & Building (60,000 Sq.Mtr)	Rs. 6.50 Cr
Plant & Machinery	Rs. 1.26 Cr
W.C. for 3 Months	Rs.1.82 Cr
Total Capital Investment	Rs. 9.77 Cr
Rate of Return	12%
Break Even Point	65%

****

G.I.WIRE AND M.S. BINDING WIRE [EIRI-1765]

Mild Steel Galvanized steel wire popularly known as galvanized wire have extensive application in various field. It has got excellent demand in pre-stressed concrete product like railway sleeper, telegraph and telephone, electric pole etc. and also find ample application in pre-casted cement product like pipes, frames of door and windows etc. On the other hand it has its own market in the field of strands and also its domestic demand cannot be ignored. The M.S. Wire are drawn to required dia and then galvanized i.e. coating of zinc is employed on it, gives excellent anti corrosion property to steel wire.

Cost Estimation

Plant Capacity	80.00 MT/Day
Land & Building (5,000 Sq.Mtr)	Rs. 4.45 Cr
Plant & Machinery	Rs. 3.36 Cr
W.C. for 2 Months	Rs. 22.34 Cr
Total Capital Investment	Rs. 30.59 Cr
Rate of Return	86%
Break Even Point	23%

****

INDUSTRIAL PAINT AND INKS (VARIOUS TYPES) [EIRI-1766]

Organic coatings are composed of pigments suspended in a vehicle. The vehicle or carrier consists primarily of a resinuous of driers, plasticizers and stabilizers as required. As the paint film dries, these vehicles changes from a liquid to the solid film by one or more of several mechanisms. 1. Evaporation of Solvents. 2. Oxidation (of a drying oil). 3. Polymerization through application of heat, addition of catalyst, or combination of reactive components. The pigments contribute such properties as inhibitions of a metal surface (red lead & zinc chromate), reinforcement of the film, stabilization against deterioration by sunlight, controlled chalking (titanium oxide) and colour clear coating (varnishes, lacquers & shellac) are not pigmented. Inorganic coatings such as the zinc silicates also may be though of as a pigment suspended in a vehicle. In this case, the pigment con consists of metallic zinc dust, and the vehicle is a blend of water soluble silicates.

Cost Estimation

Plant Capacity	3.00 MT/Day
Land & Building (1 Acre)	Rs. 2.93 Cr
Plant & Machinery	Rs. 1.21 Cr
W.C. for 3 Months	Rs. 2.83 Cr
Total Capital Investment	Rs. 7.15 Cr
Rate of Return	30%
Break Even Point	49%

****

SILICONE EMULSION (RELEASE AGENT) FOR TYPES OF INDUSTRIES – RUBBER, PLASTIC, PU FOAMS [EIRI-1767]

Silicones are synthetic polymers having an inorganic skeleton of alternate silicone and oxygen atoms, the silicone valencies not taken up by oxygen being saturated with organic grpoupe and other groups. They occupy an intermediate position between inorganic and organic compounds. Because of this dual nature they have many properties which have made them very useful in many applications. Silicones are produced in several forms including fluids, rubbers and resins.

Cost Estimation

Plant Capacity	250.00 Kgs/Day
Land & Building	Rented
Plant & Machinery	Rs. 2.30 Lacs
W.C. for 1 Month	Rs. 9.82 Lacs
Total Capital Investment	Rs. 13.47 Lacs
Rate of Return	75%
Break Even Point	65%

****

PE GRASS MAT [EIRI-1768]

Synthetic Grass Floor Mat is an innovation product of modern times to impart an elegant and fascinating look to the floor for which it is used in ordinately as a covering material. Earlier other types of mats were used for floor covering but this novel product has superceded all those and has gained a significant niche in floor furnishing. With the development of technology and new tasted for aesthetic appeal for floor furnishing, synthetic Grass Floor Mat is predominantly gaining ground. The new fashion and requirements will create new avenues for various types by changing colour and design.

Cost Estimation

Plant Capacity	3600 sq.mt./Day
Land & Building (1500 sq.mt.)	Rs. 2 Cr.
Plant & Machinery	Rs. 1.20 Cr.
W.C. for 1 Month	Rs. 1.28 Cr.
Total Capital Investment	Rs. 4.63 Cr.
Rate of Return	31%
Break Even Point	51%

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Start Your Own Industry

LAMINATED SHEETS/ ELECTRICAL INSULATION BOARD [EIRI-1769]

Decorative plastic laminate is a durable flat sheeting material used in home and industrial furnishings. It is most familiar under the Formica brand name. The Formica Corporation is the world's largest manufacturer of plastic laminate. Other well known manufacturers include the Premark Corporation and DuPont. Decorative laminate is commonly used to surface kitchen counters, table tops, and cabinetry because of its resistance to stains, scratches, and heat. The laminate sheets are made up of three layers: the bottom layer of brown paper coated with phenolic resin, a second layer of paper decorated with the desired pattern, and a third layer of clear sheet. Both the second and third layers are coated with melamine resin. Plastic laminate was first used as an insulating material for industrial products. The material was resistant to heat, water, chemicals, and electric current, thus having the properties to replace hard rubber and shellac for electrical insulation. Baekeland's many experiments included impregnating paper with Bakelite resin and then compressing it under molds at high pressure and temperature in a process known as thermosetting.

Cost Estimation

Plant Capacity	8000 Nos./Day
Land & Building (4400 sq.mt.)	Rs. 3.34 Cr.
Plant & Machinery	Rs. 1.12 Cr.
W.C. for 2 Months	Rs. 14.05 Cr.
Total Capital Investment	Rs. 18.82 Cr.
Rate of Return	35%
Break Even Point	37%

****

uPVC WINDOWS FROM uPVC PROFILES [EIRI-1770]

uPVC Windows are widely used across the lobe, from the deserts of Arizona to the coldest parts of Scandinavia/Russia, from the hot environs of Gulf to the tropics of Malaysia, Thailand as well as very extensively in China, S. Korea, Taiwan and many more Geographies. In fact Europe and North America predominantly use only UPVC Windows in their residential constructions, for both new and replacement. This is due to their good aesthetics, durability, noise proof ness, low maintenance requirement, best air & water tightness, and their ability to provide excellent thermal insulation, thereby helping save air conditioning power costs in homes, offices and commercial centers. UPVC Windows come with a very high quality surface finish, soft-contoured profiles and a variety of styles to meet the needs of the most demanding architects, designers and users. The environmental benefit of using UPVC Windows instead of wood and metal windows is phenomenal. Due to their ability to conserve energy throughout their lifetime (from raw material stage to in use stage), UPVC Windows are recognized as Green Windows thereby scoring over traditional wood and metal windows.

Cost Estimation

Plant Capacity	50.00 uPVC Window/Day
Land & Building (3000 Sq.Mt.)	Rs. 16.17 Lacs
Plant & Machinery	Rs. 38.55 Lacs
W.C. for 3 Months	Rs. 20.98 Lacs
Total Capital Investment	Rs. 80.81 Lacs
Rate of Return	27%
Break Even Point	64%

****

NUTRICANDY [EIRI-1771]

Nutri-candy is a sweet lozenge which has been given to children attending supplementary feeding centres. The results have been astonishing with very high compliance rates and a 15–50 per cent reduction in anaemia. The lozenges contain sugar, however, which could potentially contribute to dental caries. In ancient times, Sugar must have been a highly valued consumption item. Therefore, there was no andy that used sugar as liberally as we do in the present age. Even if there was sugar, it was consumed by a very limited class of people who led a privileged life. But a complete change occurred in the picture anyone can now enjoy the sweet taste of candy. ToDay, there is a great variety of candies, which meet the desires of children.

Cost Estimation

Plant Capacity	15 Lac Nos./Day
Land & Building (4000 Sq.Mtr)	Rs.3.85 Cr
Plant & Machinery	Rs. 1.50 Cr
W.C. for 3 Months	Rs. 3.37 Cr
Total Capital Investment	Rs. 8.42 Cr
Rate of Return	33%
Break Even Point	46%

****

READY TO EAT PREMIX FOOD [EIRI-1772]

With a small beginning in 33 blocks in 1975, the Integrated Child Development Services (ICDS) Scheme, today, has become India's flag shipprogramme for the integrated development of children from pre-natal to 6 years of age. It represents one of the world's Largest and most unique programmes for early childhood development. ICDS is India's response to the challenge of providing pre-school education to children on one and breaking the vicious cycle of malnutrition, morbidity, mortality, and reduced learning capacity on the other. One of the key objectives of the programme is to improve the nutritional and health status of children in the age group of 0-6 years. This objective is sought to be achieved by providing a package of six services comprising of supplementary nutrition, non formal pre-school education, nutrition and health education, immunization, health check ups, and referral services, to children below 6 years and pregnant women and lactating mothers. Implemented through a network of over one million village/ habitation-level Anganwadi Centres (AWCs), the programme currently covers about 7.90 crore children (6 months to 6 years) and 1.82 crore pregnant & lactating mothers (as on 31 March 2012) under its supplementary nutrition component.

Cost Estimation (RUPEES IN LACS)

Plant Capacity	640 MT/Day
Land & Building (2.5 Acres)	Rs. 797 Lacs
Plant & Machinery	Rs. 450 Lacs
W.C. for 2 Months	Rs. 13,932 Lacs
Total Capital Investment	Rs. 15,246 Lacs
Rate of Return	22%
Break Even Point	40%

****

WHEAT FLOUR MILL (ATTA, MAIDA, SUJI & BRAN) [EIRI-1773]

The plant will have facility to produce, Maida, Sooji, Atta and bran. These products will be sold as per the guidance issued for Food and Civil Supplies Department of the concerned state. The same plant can be used to process other cereals such as rice gram, dal etc. However, attempt is made have to examine feasibility and profitability of processing wheat to produce Maida, Sooji, Atta and bran. Flour mill serve the purpose of processing wheat to convert it into flour. Wheat grains are the seeds of the wheat plant which is able to grow is kinds of soil and under widely differing climatic conditions. The principle wheat of commerce belong to the botanical groups Triticum vulgane, Triticum drum and triticum compactum.

Cost Estimation

Plant Capacity	100 MT./Day
Land & Building (10,000 sq.mt.)	Rs. 16.02 Cr.
Plant & Machinery	Rs. 4.34 Cr.
W.C. for 1 Month	Rs. 5.68 Cr.
Total Capital Investment	Rs. 26.23 Cr.
Rate of Return	38%
Break Even Point	40%

****

DISPOSABLE PLASTIC SYRINGES (2 ml. and 5 ml. Size) [EIRI-1774]

Disposable Plastic Syringes are being used by doctors to inject medicines through Intravenous or intramuscular ways for the treatment of diseases & also by research & development personnel. Disposable syringes are made of plastic material and are used in the field of medical and veterinary science. Disposable syringes are mostly injection moulded from polypropylene. Syringes are available in sizes of 1 ml, 2 ml, 5ml and 10ml, 50ml in a variety of designs and consist of either two or three components construction. The number and size of injection moulding machines required depend upon syringe construction, number of mould cavities, annual production.

Cost Estimation

Plant Capacity	20000.00 NOS/Day
Land & Building (1000 Sq.Mtr)	Rs. 63.00 Lacs
Plant & Machinery	Rs. 70.00 Lacs
W.C. for 1 Month	Rs. 7.00 Lacs
Total Capital Investment	Rs. 1.49 Cr
Rate of Return	20%
Break Even Point	66%

****

Best Industries to Start and Grow

FORMALDEHYDE RESINS (PHENOL (PF), MELAMINE (MF) & UREA (UF) RESINS) [EIRI-1775]

Approximately 1 million metric tons of urea-formaldehyde resin are produced annually. More than 70% of this urea-formaldehyde resin is used by the forest products industry for a variety of purposes. The resin is used in the production of an adhesive for bonding particleboard (61% of the urea-formaldehyde used by the industry), medium density fiberboard (27%), hardwood plywood (5%), and a laminating adhesive for bonding (7%), for example, furniture case goods, overlays to panels, and interior flush doors.

Cost Estimation

Plant Capacity	28.00 MT./Day
Land & Building (3 Acres)	Rs.6.82 Cr
Plant & Machinery	Rs. 2.03 Cr
W.C. for 1 Month	Rs. 4.37 Cr
Total Capital Investment	Rs. 13.65 Cr
Rate of Return	39%
Break Even Point	42%

****

PET RESIN FROM ETHYLENE GLYCOL AND TEREPHTHALIC ACID [EIRI-1776]

Poly (ethylene terephthalate), or PET, is a thermoplastic polyester resin. Such resins may be classified as low-viscosity or high-viscosity resins. Low-viscosity PET typically has an intrinsic viscosity of less than 0.75, while high-viscosity PET typically has an intrinsic viscosity of 0.9 or higher. Low-viscosity resins, which are sometimes referred to as "staple" PET (when used in textile applications), are used in a wide variety of products, such as apparel fiber, bottles, and photographic film. High-viscosity resins, sometimes referred to as "industrial" or "heavy denier" PET, are used in tire cord, seat belts, and the like.

Cost Estimation

Plant Capacity	33.33 MT./Day
Land & Building (4 Acres)	Rs. 12.45 Cr
Plant & Machinery	Rs. 18.82 Cr
W.C. for 3 Months	Rs. 22.53 Cr
Total Capital Investment	Rs. 55.20 Cr
Rate of Return	22%
Break Even Point	54%

****

MANUFACTURING OF DAIRY PRODUCTS (Ghee, Butter, Milk Powder) [EIRI-1777]

Dairy industry is of crucial importance to India. The country is the world's largest milk producer, accounting for more than 13% of world total milk production. It is the world largest consumer of dairy products, consuming almost 100% of its own milk production. Dairy products are a major source of cheap and nutritious food to millions of people in India and the only acceptable source of animal protein for large vegetarian segment of Indian population, particularly among the landless, small and marginal farmers and women. India's high-value, high-volume market for traditional dairy products and delicacies is all set to boom further under the technology of mass production. This market is the largest in value after liquid milk and is estimated at US $3 billion in India and US$1 billion overseas.

Cost Estimation

Plant Capacity	1,00,000 LTR/Day
Land & Building (3 Acres)	Rs. 3.74 Cr
Plant & Machinery	Rs. 7.41Cr
W.C. for 2 Months	Rs. 20.00 Cr
Total Capital Investment	Rs. 31.74 Cr
Rate of Return	33%
Break Even Point	43%

****

JAGGERY PLANT [EIRI-1778]

Jaggery or gur is a specific type of sugar popular in India. It is normally manufactured from either sugar cane or date palms, but recent trends in its manufacture have resulted in jaggery made from the sap of coconut and sago palms. While jaggery is useful in cooking, it is also an ancient part of Ayurvedic medicine and has spiritual significance in India too. This type of sugar is considered unrefined and is produced by boiling raw sugar cane or palm juice in iron pans. It is then formed into blocks. Because it does not go through additional processing, it does retain some of the natural vitamins and minerals of the ingredients used, though boiling the juice does deplete some of these. Many people do consider jaggery healthier than more refined sugar since it is less stripped of natural nutrients.

Cost Estimation

Plant Capacity	50 TON/Day
Land & Building (6 Acres)	Rs. 19.62 Cr
Plant & Machinery	Rs. 3.45 Cr
W.C. for 2 Months	Rs. 4.00 Cr
Total Capital Investment	Rs. 27.61 Cr
Rate of Return	21%
Break Even Point	56%

****

DIAMMONIUM PHOSPHATE (DAP) [EIRI-1779]

Diammonium phosphate (DAP) (chemical formula (NH4)2HPO4, IUPAC name diammonium hydrogen phosphate) is one of a series of water-soluble ammonium phosphate salts that can be produced when ammonia reacts with phosphoric acid. Solid diammonium phosphate shows a dissociation pressure of ammonia as given by the following expression and equation:

Cost Estimation (RUPEES IN LACS)

Plant Capacity	75 MT/Day
Land & Building (5 Acres)	Rs. 1.130 Lacs
Plant & Machinery	Rs. 1.000 Lacs
W.C. for 3 Months	Rs. 3.329 Lacs
Total Capital Investment	Rs. 5.530 Lacs
Rate of Return	25%
Break Even Point	48%

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(RTGS/NEFT/IFSC Code: HDFC0001981)

I M F L & COUNTRY LIQUOR [EIRI-1780]

Gin, vodka, and related spirits like aquarit are distinguishable from whisky, rum and brandy which themselves have a number of common characteristics. The most evident difference is in colour, with gin an vodka normally being colourless white whisky, rum and brandy vary in shade from straw-coloured to the deepest brown. This immediate difference is linked with distinguishing features of composition and flavour which are reflected in the methods of production of the two troup of sprits. The aurd whisky comes from the Gaelic word wisge-beatha, as the Irish called it, incoming the water of life. The colour in whisky, rum and brandy oves it origin to the practice of ageing or maturing these spirits in wooden casks, which as containers have previously used for transporting some compatible liquid such as slerry, wine or molasses. Residues of previous contents, together with substance extracted from the wood itself, serve to give the maturing spirit a brown colour which in interest of standardization, is supplemented by the addition of caremel. The requirement for maturation in wood is now codified in lay standing whisky is the potable spirit obtained by distillation of an aqueous extract of an infusion of matted barley and after cereals that has been ferriented with strains of sacctromyus ceramisial. Various types of whisky are produced in a number of different countries in the world.

Cost Estimation

Plant Capacity	60,000 Ltr./Day
Land & Building (10 Acres)	Rs. 10.56 Cr.
Plant & Machinery	Rs. 28.56 Cr.
W.C. for 3 Months	Rs. 25.86 Cr.
Total Capital Investment	Rs. 73.19 Cr.
Rate of Return	82%
Break Even Point	37%

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MALACHITE GREEN [EIRI-1781]

The triarylmethane dyes are of brilliant hue, exhibit high tinctorial strength, are relatively inexpensive, and may be applied to a wide range of substrates. However, they are seriously deficient in fastness properties, especially fastness to light and washing. Because of these deficiencies, the use of triarylmethane dyes on textiles has decreased as dyes from other chemical classes with superior properties have become available. However, the most important commercial black dye for acidmodified fibers is till a mixture of the classical triarylmethane dyes, malachite green and fuchsine, because of high tinctorial strength and low cost.

Cost Estimation

Plant Capacity	2000.00 KG/Day
Land & Building (1500 Sq.Mtr)	Rs. 1.38 Cr
Plant & Machinery	Rs. 45.00 Lacs
W.C. for 3 Months	Rs. 2.39 Cr
Total Capital Investment	Rs. 4.57 Cr
Rate of Return	61%
Break Even Point	28%

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☛**INTRODUCTION :** Project Mix, Uses & Applications, Quality Control Measure & Their Introduction for Attaining Required Properties Economy & Productivity Competence.

☛**MARKET SURVEY :** Market Position, Installed Capacity Production, Anticipated Demand, Present Manufacturers, Statistics of Imports & Exports, Estimated Demand, Demand & Supply Gap (If available), LI/IL Issued Recently

☛**PROCESS OF MANUFACTURE :** Inventory Controls & Tests, Comparative Study of Process for Manufacturing the Product, Formulations, Process Flow Sheet Diagram, Process Detail in Stages from Raw Materials to Finished Products

☛**RAW MATERIALS :** Raw Material Specifications, Market Codes & Raw Material Prices, Sources of Procurement of Raw Materials [Imported/Indigenous]

☛**PLANT & MACHINERY :** Range of Machineries Required, Detailed Specifications of Machines & Equipmants, Prices od Machineries, Suppliers of Plant and Machineries.

☛**LAND & BUILDING :** Total Land Area Requirement with Rates, Covered Area Break-up with Estimated Costs of Construction

☛**PROJECT ECONOMICS :** Land & buildings, Plant, Machinery & Other Fixed Assets, Total Capital Investment, Working Capital Assessment, Raw Material & Consumable Stores, Staff Salaries & Wages, Utilities & Overheads, Total Cost of Project, Sources of Finance/Refinance, Break Even Point Determination.

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* COPPER SULPHATE FROM COPPER ASH/SCRAP
* CHELATED ZINC (ZN-EDTA) 12%
* ORTHOPAEDIC IMPLANTS AND INSTRUMENTS
* BARLEY MALT
* MINERAL TURPENTINE OIL (M.T.O.) FROM PETROLEM (SUPERIOR KEROSENE OIL OR OTHER MATERIAL)
* M.S.FASTENERS AND S.S. FASTENERS
* P.V.C. COMPOUNDING (FRESH) FOR CABLES AND PVC PIPES
* BANANA FIBRE EXTRACTION AND HAND MADE PAPER
* BANANA & ITS BY PRODUCTS
* COLOUR AND ADDITIVES MASTERBATCHES
* METALLIC STEARATE
* SURGICAL METHYLATED SPIRIT
* KHADSARI SUGAR (500 TCD)
* COTTON (RUI) FROM WASTE COTTON CLOTH
* LAUNDRY & DRY CLEANERS
* COATED YARN
* TOUGHENED GLASS
* CAUSTIC SODA (SODIUM HYDROXIDE) (NaoH) ELECTROLYTIC PROCESS
* PLASTIC WASTE RECYCLING UNIT & PYROLYSIS PLANT FROM PLASTIC AND RUBBER WASTE (INTEGRATED UNIT)
* CHITIN & CHITOSAN FROM PRAWN SHELL WASTE
* PASTA PRODUCTION PLANT (SHORT PASTA)
* SODIUM HYDRO SULFITE THROUGH FORMALDEHYDE ROUTE CAP-20 TPD
* SODA ASH PLANT FROM SOLVAY PROCESS
* ONION, AND GARLIC POWDER WITH GRAPE DEHYDRATION (RAISINS)
* FLUSH DOORS
* DI-METHYL PHTHALATES (DMP)
* GLUTEN FREE BEER

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* PVC AND PP FILES AND FOLDERS
* SULFAMIC ACID PURE CRYSTAL AND OTHER GRADE (GP,SR & TM GRADE)
* DECORATIVE LAMINATED SHEET (SUNMICA)
* ALPHA CELLULOSE POWDER FROM COTTON WASTE
* CAST POLY PROPYLENE FILMS (CPP FILM)
* CASHEW NUT PROCESSING
* BIOGAS PRODUCTION (1500 CUBIC METER PER DAY)
* SOYA MILK AND PANEER
* MINERAL TURPENTINE OIL (MTO)

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* STEEL FABRICATION
* STEEL ROLLING MILL (REINFORCEMENT BAR)
* ACRYLIC BATH TUB BY ACRYLIC SHEET
* FABRICATION OF HEAT EXCHANGER
* KITCHEN PRODUCTS MADE OF STAINLESS STEEL
* ALUMINIUM BEVERAGE CAN
* STEEL ROLLING MILL (BY INDUCTION FURNACE FROM STEEL SCRAP & SPONG IRON
* M.S. BILLET CASTING WITH INDUCTION FURNACE FROM STEEL SCRAP & SPONGE IRON
* PROCESSING OF LOW GRADE TUNGESTEN ORE
* FULL BODY & CHASSISS BUS PLANT
* ASSEMBLY OF AIR – CONDITIONER/CHEST FREEZER/REFRIGERATOR
* G.I.LADDER & PERFORATED TRAYS
* ALUMINIUM DOORS & WINDOWS (ALUMINIUM FABRICATION)
* LEAF SPRINGS FOR TRACTOR DRAWN TROLLEYS & FOUR WHEELER TEMPOS
* STEEL BRIGHT BARS
* AUTOMOTIVE ENGINE VALVE
* AUTOMOTIVE BRAKING SYSTEM
* DISPLAY COOLER
* ERW STEEL PIPES & TUBES
* STEEL INGOTS
* TMT STEEL BARS (SARIYA)
* AUTOMOBILE TRACTORS
* ACTIVATED ALUMINA BALLS
* ALUMINIUM FOIL
* STONEWARE PIPE (S.W.PIPE)/ CLAY PIPE
* IRON ORE PELLETIZATION
* ELECTRIC CONTROL PANEL
* SOLAR PV POWER PLANT
* MACHINE SHOP (FOR OIL AND GAS ENGINEERING INDUSTRY, AEROSCAPE ENGINEERING INDUSTRY)
* STEEL BRIGHT BARS
* CEILING FAN
* COPPER STRIP COILS FROM SCRAPS
* PRODUCTION OF PV PANELS (SOLAR PV PANELS)
* ROTARY AIR LOCKS, SCREW CONVEYOR, MOTORIZED/ PNEUMATIC DAMPER, FLAP VALVES, AIR SLIDES REQUIRED IN CEMENT PLANTS AND THERMAL POWER PLANT
* ALUMINIUM EXTRUSION
* ALUMINIUM COIL COATING FOR ACP AND ROOFING IND.
* PAVING BLOCK
* WIRE NAILS
* TMT STEEL BARS
* FASTENERS/NUT & BOLTS (INDUSTRIAL &AUTOMOBILE)
* HYDRAULIC CYLINDERS
* DISPOSABLE SYRINGES WITH NEEDLE PLANT
* FABRICATION UNIT (PRESSURE VESSEL, REACTOR VESSEL & AGITATORS, HEAT EXCHANGERS) & SEAMLESS PIPES AND TUBES
* COPPER POWDER FROM COPPER SCRAP
* STONE CRUSHER
* PRODUCTION OF ALL TYPES OF FANS SUCH AS AXIAL FANS,CENTRIFUGAL FANS (SMOKE EXTRACT FANS & FRESH AIR SUPPLY FANS), BATHROOM FANSETC.
* STONE MINING
* MAHINDRA CAR DEALERSHIP WITH AUTOMOBILE SERVICE STATION/GARAGE
* AUTO FILTERS (AIR FILTERS, OIL FILTERS & FUEL FILTERS)
* AAC & ACSR ALUMINIUM CONDUCTORS
* MANGANESE ORE JIGGING
* STEEL TRANSMISSION LINE TOWERS AND ROLLING MILL TO PRODUCE STEEL SECTIONS
* FERRO SILICON (FROM MINERAL INGREDIENTS)
* STAINLESS STEEL TUBES
* M.S.FASTENERS AND S.S. FASTENERS
* PREFABRICATED STEEL FRAMED BUILDING MANUFACTURING PLANT
* LEAD ACID BATTERY
* GALVANISED WIRE
* POWER TRANSFORMER (50 KVA TO 2000 KVA)
* M.S. PIPE
* GALVANISED IRON SHEETS
* M.S.BILLETS
* STEEL GRATING (GALVANISING ELECTRO FORGED STEEL GRATING)
* ALLOY WHEELS PLANT
* ESTABLISHMENT OF MANUFACTURING OF REFRIGERATING APPLIANCE
* WELDED WIRE MESH
* ALUMINIUM COLD ROLLING MILL FOR SHEETS & CIRCLES
* ALUMINIUM ROLLING MILL FOR MANUFACTURING ALUMINIUM CIRCLES REQUIRED FOR PRESSURE COOKERS, NON STICK COOKWARES & CIRCLES
* LPG CYLINDER
* ALUMINIUM COMPOSITE PANNELS
* DEEP FREEZER ENVIRONMENTAL CLEARANCE FOR EXPANSION OF INGOTS/ BILLETS PLANT
* FERRO SILICON BY SMELTING PROCESS
* ALUMINIUM CONDUCTOR
* PRESTRESSED CONCRETE POLES
* FASTENERS (NUT & BOLT) USED IN OIL AND GAS
* ALUMINIUM ALLOY PLANT
* STAINLESS STEEL SINKS
* ALUMINIUM ALLOY PLANT
* P.V.C BATTERYSEPARATOR
* AUTOMOTIVE TYRE AND TUBE VALVES (VALVES MANUFACTURING)
* PRESSURE COOKWARE ALUMINIUM, STAINLESS STEEL & HARD ANODIZED
* ELECTRIC WATER HEATER
* SOLAR WATER HEATER DOMESTIC & INDUSTRIAL
* CORRUGATED COLOURED ROOFING GALVANISED IRON SHEET
* PRESSURE DIE CASTING
* G.I.WIRE AND BARBED WIRE
* G.I.WIRE & M.S. BINDING WIRE
* HOT DIP GALVANIZING PLANT FOR STRUCTURAL STEEL AND PIPES
* COLD ROLLING MILL
* DOOR HINGES (MILD STEEL AND STAINLESS STEEL)
* PRESSURIZED AEROSOLS (LIKE BODY SPRAYS, PERFUMES, SHAVING FOAM AND SHAVING LOTIONS ETC.)
* ANHYDROUS SODIUM DITHIONITE PRODUCTION (SODIUM FORMATE PROCESS)
* SODA ASH PLANT (FROM SOLUTION BRINE)
* SISAL FIBRE REINFORCED
* CEMENT ROOFING SHEET
* HIGH ALUMINA REFRACTORY BRICK PLANT
* CATHETERS MANUFACTURING
* SURGICAL RUBBER DISPOSABLE GOODS
* POULTRY AND HATHERY FARMING
* MILK PROCESSING PLANT
* ROASTED, SALTED ALMONDS, PEANUTS FOR PACKING IN 25g, 50g,250g & 500g SACHET-S
* BEER FROM POTATOES
* GUAR GUM POWDER
* AUTOMATIC WHITE BREAD MAKING PLANT
* AUTOMATIC BISCUIT MAKING PLANT
* FROZEN FOOD BY IOF TECHNOLOGY
* WALNUT PROCESSING PLANT
* WHIPPING CREAM FRUITS & VEGETABLES POWDER UNIT (EXPORTS ORIENTED UNIT)
* NATURAL MEDICINE & RESEARCH INSTITUTE WITH 150 BEDS HOSPITAL
* PACKAGED DRINKING WATER (PACKED IN 330 ml CUP, 500ML BOTTLE, 1500 ML BOTTLE AND 20 LTR. JAR)
* COLD STORAGE (CONTROLLED ATMOSPHERE OR CA) FOR POTATO CAP: 1,00,000 BAGS (50 Kg/Bag), STORING CAP: 5000 Mt,
* SOLVENT EXTRACTION & REFINING (SOYABEAN) (Cap-250mt/day & 50mt/Day oil Refining)
* BOTTLING PLANT (WHISKY, BRANDY, RUM, VODKS, GIN) FROM RECTIFIED SPIRIT/ENA
* LUBE OIL BLENDING AND GREASES PLANT
* COLD STORAGE FOR POTATO 1,00,000 BAGS (50 KG/BAG)
* MAIZE FLOUR & BY PRODUCT MANUFACTURING PLANT
* CUT FLOWER (GLADIOLI, MARIGOLD, STATICE, CHRYSANTHEMUM ROSE WITH GREEN HOUSE)
* CATTLE FARMING AND DAIRY PRODUCTS
* COLD STORAGE FOR POTATO AND OTHER HORTICULTURE PRODUCTS Cap:- 5000 Mt or 100000 Bags (50 Kg/Bag)
* DEXTROSE PLANT
* SBR RUBBER SHEETS AND SHOE MANUFACTURING
* CASHEW NUT PROCESSING
* PLYWOOD AND PLYBOARD PARTICLE BOARD AND LAMINATED PARTICLE BOARD
* VENEER MAKING, PLYWOOD & PLYBOARD MAKING
* WALNUT & PINUS(CHILGOZA) OIL, SHELL POWDER PROCESSING PLANT
* COUNTRY LIQUOR BOTTLING PLANT (1,00,000 BOTTLES/ DAY)

* PLASTIC GRANULES FROM PLASTIC WASTE
* ROPE AND SUTLI MAKING PLANT
* BOTTLING PLANT (COUNTRY LIQUOR) 10,000 LTRS./DAY)
* I.V. FLUID (FFS OR BFS TECHNOLOGY)
* TOXIN PAN MASALA, TOBACCO LESS GUTKHA AND ZARDA
* RUBBER & FLAT TRANSMISSION BELT CONVEYOR BELT
* UPVC DOORS & WINDOWS FABRICATING PLANT (Fixing and Installation of Door and Windows of uPVC profiles)
* RUBBER & FLAT TRANSMISSION BELT CONVEYOR BELT
* MUSTARD OIL PROCESSING PLANT (EXPELLER PROCESS)
* MEDICAL COLLEGE WITH 750 BEDS HOSPITAL FACILITY
* MICRO IRRIGATION PRODUCT MANUFACTURING PLANT
* HOT DIP GALVANIZING MUSTARD OIL PROCESSING PLANT (EXPELLER PROCESS)
CEMENT TILES, CANAL LINE SLAB, KERV STONE, PAYER RCC PIPE, MANOHOLE COVER,ENTERLOCKING ETC. MANUFACTURING PLANT
* MEDICAL COLLEGE (100 STUDENT INTAKE
CAP. MEDICAL COLLEGE WITH 500 BED HOSPITAL)
* ESTABLISHMENT OF A PRIVATE UNIVERSITY
* DIGITAL INKS
* GALVANIZING PROCESS PLANT FOR ELECTRICAL POLES
* MAIZE PROCESSING PLANT
* STARCHES / MODIFIED STARCHES/ LIQUID GLUCOSE / DEXTROSE MONOHYDRATE /GLUCOSE SYRUPS / CORN SYRUP SOLIDS / HIGH MALTOSE CORN SYRUPS / MALTO DEXTRINE POWDER / CORN GLUTEN MEAL (60%) MAIZE OIL / SORBITOL.
* BABY CARE PRODUCTS
* FAT LIQUOR (CHLORINATED PARAFFIN WAX)
* BOTTLING OF WHISKY
* UPVC DOORS & WINDOWS PROFILES
* EPDM RUBBER PROFILES
* FAT LIQUOR (CHLORINATED PARAFFIN WAX)
* FAST FOOD RESTAURANT WITH CENTRALLISED KITCHEN
* READY MADE GARMENT (T-SHIRT/POLO GOLFER/ WOVEN SHIRTING & SUITING FOR UNIFORMS/SWEATERS) MANUFACTURING
* BIO-DIESEL EXTRACTION FROM JATROPHA, SOYABEAN, SUNFLOWER, RICE BRAN, ALGE & CULTIVATION OF JATROPHA
* FAST FOOD RESTAURANT CHAIN WITH CENTRALLISED KITCHEN
* GUAR SPLIT POWDER AND OTHER BY PRODUCTS
* SOLVENT EXTRACTION PLANT (COTTON SEED)
* RASGULLA MANUFACTURING AND CANNING
* CULTIVATION OF RICE & WHEAT COMMERCIAL & MECHANISED DEVELOPMNT
* MAIZE & BY PRODUCTS PROCESSING -STARCH MODIFIED STARCHES/LIQUID GLUCOSE/DEXTROSE MONOHYDRATE/GLUCOSE SYRUPS/CORN SYRUP SOLIDS/HIGH MALTOSE CORN SYRPS/ MAITO DEXTRINE POWDER/CORN GLUTEN MEAL (60%) MAIZE OIL/SORBITOL
* TEAK FARMING
* ARTIFICIAL MARBLE (SYNTHETIC)
* POTATO STARCH CARDANOL FROM C.N.S.L. (CASHEWNUT SHELL LIQVID
* INTEGRATED SCRAP YARD
* POTATO STARCH
* MANGO PULP (5 TON/HOUR 200 KG ASEPTIC PACKAGING)
* BOTTLING PLANT (WHISKY, BRANDY, RUM, VODKA, GIN) FROM RECTIFIED SPIRIT/ENA
* COW DAIRY FARMING (AYRSHIRE/HOLSTEIN) AND MILK PROCESSING MILK/DAY CAP-50,000 LTR/DAY
* WHEAT FLOUR MILL
* CHAKKI FLOUR MILL
* I.V. FLUID (FFSTECHNOLOGY)
* LIQUID GLUCOSE FROM POTATOES
* SORBITOL FROM MAIZE STARCH
* WALNUT PROCESSINGPLANT
* SOLVENT EXTRACTION AND OIL REFINERY CUM PACKING OF RICE BRAN OIL
* COTTON SEED OIL SOLVENT EXTRACTION PLANT
* MARINE TRAINING INSTITUTE & PLACEMENT SERVICE PROVIDING AGENCY
* I.V.FLUID (FFS TECHNOLOGY)
* CERAMIC FIBERS, CERAMIC FIBRE BLANKET, CERAMIC FIBRE BOARD AND CERAMIC FIBRE ROPE
* COLD SUPPLY CHAIN
* LAMI TUBE MANUFACTURING
* EYE DROP 3 PIECES (PLASTIC VIALS)
* PET BOTTLES (CAMBER/ CLEAR IN COLOUR) CAP: 15ML,60ML 100ML,135ML, 200ML & 500ML
* BENZYL ALKONIUM CHLORIDE (BKC)
* NATURAL SUGAR WAX
* MARGARINE BUTTERFROM VEGETABLE OIL
* GREEN HOUSE FOR CROP PRODUCTION
* ORGANIC DAIRY FARMING
* E-WASTE
* BIO-DIESEL FROM ALGAE
* VANADIUM PENT OXIDE GRAPHITE MINING AND BENEFICIATION PLANT
* VITAMIN WATER
* PET PREFORM CUM PET BOTTLES
* ORGANIC DAIRY FARMING AND PRODUCING WHOLE MILK POWDER (WMP)
* HDPE BOTTLES
* CAUSTIC SODA FROM SODIUM CHLORIDE
* COAL TAR PITCH
* MOSQUITO REPELLANT
* WRIST BAND
* CASTOR OIL AND ITS DERIVATIVES OLEO RESIN, TURKEY RED OIL, DCO, HCO, SEBACIC ACID, 12-HYDROXY STEARIC ACID
* PAPAIN FROM PAPAYA
* PROCESSED CHEESE
* MONOCHLOROBENZENE
* EUGENOL FROM CINNAMON OIL
* SULPHUR 80% WDG
* CERAMIC FIBERS, CERAMIC FIBRE BLANKET, CERAMIC FIBRE BOARD AND CERAMIC FIBRE ROPE
* SCREEN PRINTING
* DI CALCIUM PHOSPHATE FROM ROCK PHOSPHATE & HAIFA PROCESS
* PVC FLEXIBLE PIPE
* FLEX BANNER USED IN DIGITAL PRINTING
* PIGMENTS BINDERS FOR TEXTILE PRINTING
* POULTRY & HATCHERY FARM
* ALOEVERA JUICE AND GEL
* LIME PUTTY
* AUTOMOBILE WORKSHOP/ GARAGE
* EGG TRAY FROM PULP
* CARDANOL FROM C.N.S.L.
* OXYGEN GAS
* POLYALUMINIUM CHLORIDE
* NAMKEEN INDUSTRY (BHUJIA, CHANACHUR ETC.)
* POLYOL USED FOR POLYURETHANES
* POLYSTYRENE POLY PROPYLENE OXIDE
* DIETHYL PHTHALATE
* UREA FORMALDEHYDE AND MELAMINE
* FORMALDEHYDE MOULDING POWDER
* INSTANT COFFEE
* ANNATTO SEED COLOUR EXTRACTION
* FRUITS AND VEGETABLES DRYING BY (FREEZE DRYING METHOD)
* BIO GAS PRODUCTION AND BOTTLING PLANT
* JAM, JELLIES, FRUIT JUICE AND ALLIED PRODUCTS MATERNITY NURSING HOME
* CANNING & PRESERVATION OF VEGETABLES
* CURCUMIN & TURMERIC OIL FROM TURMERIC DETERGENT WASHING POWDER (ARIEL TYPE)
* GRANITE SLAB AND TILES
* TEA PACKAGING
* PAN MASALA & GUTKHA
* PRESTRESSED CONCRETE ELECTRIC POLES
* LEATHER SHOES
* ROTOGRAVURE PRINTING (FOR FLEXIBLE PACKAGING)
* AUTOCLAVED AERATED CONCRETE BLOCKS
* OXYGEN AND NITROGEN GAS PLANT
* MANGANESE ORE BENEFICATION
* MINERAL WOOL
* CALCIUM SILICATE
* TOUGHENED GLASS
* HUMIC ACID
* OFFSET PRINTING UNIT (5 COLOUR)
* CASTOR OIL AND ITS DERIVATIVES OLEORESIN
* TISSUE PAPER PULPING FROM SAW DUST
* KNITTED GLOVES
* RADIATOR COOLANT
* LATEX FOAM RUBBER (SPONG RUBBER)
* GARLIC OIL AND POWDER
* ACTIVATED CARBON & SODIUM SILICATE FROM PADDY/ RICE HUSK
* TRIETHYLENE GLYCOL
* RAMMING MASS
* WOOD PEELING & VENEER MAKING
* PETROLEUM JELLY
* DAIRY FARM (COW & BUFFALO) TO PRODUCE

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MILK & PACKAGING IN POUCHES
* CUTTING OIL LIQUID GOLD (IN PASTE FORM)
* P.V.C. LEATHER CLOTH (REXINE)
* COAL TAR DISTILLATION
* ALUMINIUM LABEL PRINTING
* FOLDING CARTNS/MONO CARTONS
* SURGICAL DISPOSABLE GLOVES (DIPPED RUBBER GOODS)
* AGRICULTURAL CHEMICAL (PLANT GROWTH PROMOTER AND PLANT GROWTH REGULATOR)
* MENTHOL BOLD CRYSTALS FROM MENTHOL FLAKES
* ORGANIC FARMING
* CORRUGATED POLYCARBONATE SHEET
* COLD STORAGE
* FLAT PVC LAMINATED
* SAFTY GLASS/TOUGHENED GLASS
* PLASTIC GRANULES FROM WASTE
* DRY WALL PUTTY (WHITE CEMENT BASED)
* CHARCOAL BRIQUETTE
* OXALIC ACID FROM MOLASSES
* POTATO GRANULES
* SANITARY NAPKINS & BABY DIAPERS
* CORRUGATED BOXES
* PLASTER OF PARIS
* RUBBER ROLLER FOR PRINTING MACHINE
* LACTIC ACID
* EMERY PAPER (SAND PAPER)
* RUBBER RECLAIM SHEET FROM USED BUTYL TYRE AND TUBE
* MANGO PULP
* PARTICLE BOARD FROM BAGASSE AND RICE HUSK
* TOILET PAPER & NAPKINS
* TENDER COCONUT WATER
* CALCIUM CARBONATE
* LIME CALCINATION PLANT
* INJECTION MOULDED PLASTIC COMPONENTS
* HYDRATED LIME
* BLACK PEPPER
* MULTIAXIAL GLASS FABRIC
* LIQUID TOILET CLEANER (HARPIC TYPE)
* LIME & PRECIPITATED
* CALCIUM CARBONATE
* LIQUID GLUCOSE FROM BROKEN RICE
* MEDICAL DISPOSABLE PLASTIC SYRINGES
* METAL POLISHING BAR
* SANITARY NAPKINS & BABY DIAPERS
* PERFUMES/ATTAR
* GEMS AND JEWELLERY
* MULTIAXIAL GLASS FABRIC
* ACTIVE ZINC OXIDE
* COPPER PHTHALOCYANINE
* TURMERIC OIL EXTRACTION FROM DRY TURMERIC
* CNSL BASED RESIN IN LIQUID & POWDER FORM
BOPP FILM
* BETA IONONE
* BIO-FERTILIZER
* ZINC & COPPER SULPHATE
* PAPER BASED PHENOLIC SHEET (FOR ELECTRICAL APPLIANCE)
* THINNERS (WHITE SPIRIT BASED)
* SINGLE SUPER PHOSPHATE & SULPHURIC ACID
* MONO CALCIUM PHOSPHATE & DI-CALCIUM PHOSPHATE
* FLEXIBLE P.U. FOAM
* ASPIRIN
* SORBITOL FROM MAIZE STARCH
* SPICE OIL & OLEORESIN
* ANTI-FOAMING AGENT (SILICONE BASED) FOR DISTILLERY, SUGAR, PAPER PLANT ETC.
* LAUNDRY & DRY CLEANER
* BRICKS FROM STONE DUST
* CARBOXY METHYL STARCH
* TITANIUM DIOXIDE
* UNDECYENIC ACID
* PSA BASED NITROGEN GENERATOR
* SYNTHETIC IRON OXIDE
* PVC INSULATION TAPE
* TAMARIND KERNEL POWDER
* ORGANIC CHEMICAL & SOLVENTS
* PLASTICIZERS
* ICE PACK (SOLUTIONS TYPE, VIOLET-SEMI SOLID POLYMER TYPE)
* GUM FROM TAMARIND
* PEARL SUGAR CANDY (MISHRI)
* GOAT & SHEEP FARMING
* GYPSUM PLASTIC BOARD (AUTOMATIC PLANT)
* NON-WOVEN INDUSTRY (CARRY BAGS, SURGICAL GOWN, FACE MASK, ROUND CAPS, SHOE COVER, GLOVE)
* COTTON SPINNING, SIZING, YARN, DYEING & WEAVING
* CALCIUM CHLORIDE
* AMINES & ALLIED PRODUCT
* SPINNING COTTON
* SILICONE FROM RICE HUSK
* ADHESIVE (FEVICOL TYPE)
* CAUSTIC SODA FROM ELECTROLYSIS
* CAMPHOR TABLETS
* CERAMIC GLAZED WALL AND FLOOR TILES
* ZINC SULPHATE MONO
* ETHANOL (BIO FUEL) FROM RICE STRAW
* GYPSUM MOULDING AND GYPSUM BOARD
* SMOKELESS COAL
* ACID (SILICA) AND BASIC RAMMING MASS
* UNSATURATED POLYESTER RESINS
* DAIRY (BUFFALO) FARMING
* SILICONE FROM RICE HUSK
* N-ACETYL THIOZOLIDINE-4-CARBOXYLIC ACID (NATCA)
* PE BASED CARBON BLACK COMPOUND
* ONION DEHYDRATION
* PVC PIPES & FITTING
* GLASS REINFORCED
* GYPSUM MOULDINGS
* ABSORBENT COTTON & SURGICAL BANDAGES
* CALCIUM STEARATE BY FUSION PROCESS
* MANGO POWDER & OTHER FREEZE DRIED PRODUCTS
* MENTHOL OIL FROM LEAVES AND MENTHOL
* CRYSTALS (PEPPERMINT) MANUFACTURE OF CELLULOSE ACETATE
* ANTIFOAMING / DEFOAMING AGENT
* ALOEVERA CULTIVATION & PROCESSING
* SYNTHETIC MAGNESIUM SILICATES
* EPHEDRINE HYDROCHLORIDE
* ACTIVATED BLEACHNG EARTH
* TECHNICAL TEXTILES
* FORMALIN FROM METHANOL
* CATIONIC SOFTNER (STEARIC ACID BASED)
* PRECIPITATED SILICA
* PU BASED FOOT WEARS
* FORMALDEHYDE RESIN (UREA, PHENOL, MELAMINE)
* HDPE MONO FILAMEN NET
* POTATO & ONION FLAKES
* DUSTLESS CHALK (SCHOOL CHALK)
* TOMATO POWDER
* BIODEGRADABLE / COMPOSTABLE PLASTICS
* ACRYLIC CO POLYMER EMULSION
* ESTER GUM (FOOD GRADE)
* PROTEIN BASED FOAMING AGENT
* LECITHIN (SOYA BASED)
* SOYA OIL AND CATTLE FEED FROM SOYA BEAN
* COMPARISON BETWEEN FLY ASH AND CELLULAR LIGHTWEIGHT CONCRETE (CLC) BRICKS
* CELL CAST ACRYLIC SHEET
* ACRYLIC BATH TUB AND SHOWER TRAY
* THERMOCOLE BASED DISPOSABLE PLATES
* SODIUM SILICATE FROM RICE HUSK
* ETHYL METHACRYLATE
* SODIUM LAURYL ETHER SULPHATE
* LATEX GLOVES, CONDOMS & CATHETER
* CALCIUM NITRATE
GRAIN BASED ALCOHOL DISTILLERY
* BULK DRUGS
* MARBLE QUARRYING
* CULTIVATION OF CAPSICUM IN GREEN HOUSE
* SULPHUR 90% WDG
* EGG POWDER
* WOOD PLASTIC
* COMPOSITE BOARD LINE
* SODIUM LAURYL SULPHATE AND SODIUM LAURYL ETHER SULPHATE
* FISH PROCESSING
* BABY CEREAL FOOD & MILK POWDERS (BABY FOOD)
* GUR (JAGGERY)
* DAIRY PRODUCTS
* CHLORINATED PARAFFIN WAX (CPW)
* HAND WASHING DETERGENT POWDER USING THE DRY MIX PROCESS INCLUDING FORMULA OF DIFFERENT TYPES QUALITIES (LOW/ MEDIUM/HIGH COST)
* HANDWASHING DETERGENT POWDER USING THE DRY MIX PROCESS INCLUDING

Market Survey Cum Detailed Techno Economic Faeasibility Report on all Projects are available contact:

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Email: eiribooks@yahoo.com, eiriprojects@gmail.com Website: www.eiriindia.org, www.eiribooksandprojectreports.com

FORMULA OF DIFFERENT TYPES QUALITIES (LOW/ MEDIUM/HIGH COST)
* DIGITAL PHOTOPAPER/ INKJET PHOTOPAPER
* KAOLIN FOR ROAD MAKING
* PEPPERMINT CULTIVATION & PROCESSING
* PEPPERMINT CULTIVATION & PROCESSING
* HDPE PIPE
* ACTIVATED CARBON FROM RICE HUSK
* HT & LT INSULATOR, HT AIR BRAKE SWITCH D.O. FUSE, LIGHTENING ARRESTOR
* PET BOTTLES IN CAP: 500ML, 1 LTR, 2 LTRS, 5 LTRS, USED FOR PACKAGED DRINKING WATER, EDIBLE OILS
* ALCOHOLIC BEVERAGES (COUNTRY LIQUOR & IMFL)
* QUARTZ BASED INDUSTRIES (QUARTZ POWDER SILICA SAND SILICA RAMMING MASS FUSED SILICA)
* BEEDI (BIDI) BY MACHINE
* RICE SHELLER
* FRUIT RIPENING CHAMBER
* MINERAL WATER AND PET BOTTLING PLANT
* DIAGNOSTIC LAB AND
* ONLINE TRADING BUSINESS
* CEREAL MILLING
* MINI OIL PLANT SUITABLE FOR GROUNDNUT OIL AND COTTON SEED OIL
* CHANACHUR, BHUJIA, GANTHIA (AUTOMATIC PLANT)
* KHADYA SURAKSHA (FOOD SECURITY)
* PLASTIC WATER STORAGE TANKS
* ZINC SULPHATE, MONOHYDRATE & HEPTA HYDRATE
* CIGARETTE MANUFACTURING UNIT
* CATTLE FEED PELLETS PLANT FOR COW & BUFFALOE FOR BOOSTING MILK AND GROWTH
TYRE RECYCLING UNIT
* PAPAIN EXTRACTION INDUSTRY
* CAKE SHOP
* BUSINESS PROCESS OUTSOURCE (B.P.O.)
* EMPTY HARD GELATINE CAPSULES
* BIOFERTILIZER
* PLASTIC MOULDING UNIT (CHAIR, TABLES & VEGETABLE TRAYS)
* GOLD POTASSIUM CYANIDE (G.P.C.)
* HDPE, PVC & CPVC PIPES AND FITTINGS
* NO CARB PASTE (ANTICARBURIZING PASTE-WATER SOLUBLE) FOR HEAT TREATMENT
* CONVERSION WASTE PLASTIC WITH TYRE INTO ACTIVATED CARBON AND INDUSTRIAL FUEL
* PYROLYSIS PLANT FROM PLASTIC & RUBBER
* COMPARISON BETWEEN FLY ASH AND CELLULAR LIGHTWEIGHT CONCRETE (CLC) BRICKS
* AGAR AGAR
* NAIL POLISH
* PLASTIC GRANULES FROM WASTE
* AGARBATTI SYNTHETIC PERFUMERY COMPOUNDS & AGARBATTI COMPOUNDS LIKE (CHAMPA, MOGRA, SANDAL WOOD & LOBAN)
* PET PREFORM AND PET JARS (20 LTRS CAPACITY)
* KRAFT PAPER FROM 100% WASTE PAPER
* PRIVATE UNIVERSITY
* LIQUID GLUCOSE AND MALTODEXTRIN FROM BROKEN RICE
* DRY WALL PUTTY (WHITE CEMENT BASED)
* CONSTRUCTION CHEMICALS OT PASTE
* FUSED SILICA FROM SILICA SAND
* BANANA CHIPS, BANANA PULP & BANANA POWDER (BANANA PRODUCTS)
* CONFECTIONERY UNIT (TOFFEE, CANDY /LOLLIPOP CHEWING GUM, BUBBLE GUM CHOCOLATE)
* FORMALDEHYDE RESIN (UREA, PHENOL, MELAMINE & THEIR MODIFIED RESINS)
* EPDM RUBBER PROFILES (WEATHER STRIPS, INDUSTRIAL MONOSTRIPS ETC)
* GRANITE CUTTING AND POLISHING UNIT (100% EOU)
* SURGICAL COTTON, ROLLER BANDAGE, CREPE BANDAGE & PLASTER CART (READY MADE) E.G. GYPSONA 3M CART
* ENTERTAINMENT CLUB, HOLIDAY RESORT, 4 STAR HOTEL, AMUSEMENT PARK CUM WATER PARK, MUSHROOM & ITS PRODUCTS, FISH FARMING, LAKE FOR BOATING, DEER PARK ETC.
* HDPE, PVC, LLDPE PIPES/ TUBES AND FITTING
* EPOXIDIZED SOYABEAN OIL (SECONDARY PLASTICIZER) USED IN PVC COMPOUND
* POULTRY PROCESSING PLANT
* B.O.P.P. SELF ADHESIVE TAPES
* I.V.SET
* MANGANESE OXIDE AND MANGANESE SULPHATE
* ODOURLESS NYLON GRANULES FROM FIBER OF WASTE TYRE WITHOUT CHANGING PROPERTIES OF NYLON
* PARTICLE BOARD FROM RICE HUSK OR WOOD WASTE OR SUGAR CANE BAGASSE OR MIXED OF ALL ABOVE POULTRY LAYER AND BROILER FARMING
* TOMATO, GUAVA AND MANGO PULP
* GREEN HOUSE
* HYDROXY PROPYL GUAR (HPG) AND CARBOXY METHYL HYDROXY PROPYL GUAR
* BATHSOAP MANUFACTURE
* PLASTIC MOULDED CHAIRS FROZEN POTATO PATTY
* CALCIUM ALUMINATE
* ACTIVATED CARBON FROM COCONUT SHELL
* RIGID PVC FILM MANUFACTURE FOR PHARMACEUTICALS BLISTER PACKAGING
* NYLONE 66 CURING TAPE USED IN RUBBER HOSE PIPE WRAPPING
* ANTIFOAMING/DEFOAMING AGENT LIKE ANTAROL T-709
* SOY AND GLUTEN BASED MOCK MEAT
* KRAFT PAPER USING WASTE PAPER AND OLD CORRUGATED CARTONS
* GLASS BOTTLE FOR BEER AND BEER MUG (TUMBLER)
* DISPOSABLE SYRINGES AND NEEDLE PLANT (Single Use Syringes, Single Use Needles & As Syringes)
* DIRECT FILLED BALL PEN (USE AND THROW)
* BENZALKONIUM CHLORIDE
* SPINNING COTTON (COTTON SPINNING PLANT)
* CALCIUM CHLORIDE USING LIME STONE AND HYDROCHLORIC ACID
* RUBBER POWDER FROM WASTE TYRES
* CALCINATION PLANT FOR PYROPHYLLITE AND DIASPORE MINERALS BY VERTICAL SHAFT KILN PROCESS
* ONION, GARLIC & GINGER DEHYDRATION PLANT
* POTASSIUM NITRATE
* POTASSIUM SULPHATE
* N.P.K. FERTILIZER
* CHICORY EXTRACT (ROASTED CHICORY GRANULES/CUBES, LIQUID EXTRACT ETC.)
* SOLID WASTE SEGREGATION
* LAMITUBE MANUFACTURE
* BOARDING SCHOOL
* CERAMIC FUSE TUBE/ BARRELS USED IN HRC FUSE
* SODIUM POLYACRYLATE DISPERSANT FOR USE IN WATER BASED PAINT WITH DISPERSANT FOR PIGMENT
* NAIL POLISH, LIPSTICKS, NAIL POLISH REMOVER
* SOYA PRODUCTS (MILK, PANEER, TOFU, BUTTER, CHEESE CURD/YOGURT, ICE CREAM) WITH PACKAGING UNIT
* GREASE MANUFACTURING

TERMS AND CONDITIONS

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CHEMICALS, DYES, LUBRICATING OILS, PETRO CHEMICALS ELECTROPLATING

* Small Medium & Large Chemical Industries
* Industrial Chemicals Technology Hand Book
* Modern Technology of Organic & Inorganic Chemicals
* Electroplating, Anodizing & Surface Finishing Technology
* Hand Book of Agro Chemical Indust.(Insecticide & Pesticide)
* Technology of Synthetic Dyes, Pigments Intermediates
* Petrochemicals, Lubricants, Greases & Petroleum Refining
* H.B.of Lubricants, Greases & Petrochemicals Technology

GUMS, ADHESIVES & SEALANTS

* Technology of Gums, Adhesives & Sealants with Formulations
* Hand Book of Adhesives with their Formulae (2nd Edn.)
* Adhesives Technology & Formulations Hand Book
* Technology of Glue & Adhesives with Adhesives Bonding and Formulations
* Complete Hand Book on Adhesives and Adhesion Tech. with Project Profiles

SMALL SCALE INDUSTRIES, STATIONERY, PAPER, INKS, CANDLES & EXPORT BUSINESS

* Start Your Own Export Business (How To Export)
* Start Your Own Small Business and Industry
* Candle Making Processes & Formulations Hand-Book
* Stationery, Paper Converting & Packaging Industries
* Modern Inks Formulaes & Manufacturing Industries
* Profitable Businesses to Start for Entrepreneurs
* Modern Small & Cottage Scale Industries
* Profitable Small Cottage Tiny & Home Industries (2nd Edn.)

BIO FUEL, BIO GAS & BIOPROCESSING

* Technology of Bio-Fuel (Ethanol & Biodiesel)
* Mod. Tech. of Bioprocessing
* Mod. Tech. of BioGas Production

SWEETS, NAMKEEN & SNACK FOOD

* Tech of Sweets (Mithai) with Formulae
* Technology of Sweets (Mithai), Namkeen and Snacks Food with Formulae
* Mfr. of Snacks Food, Namkeen, Pappad & Potato Products

PACKAGED DRINKING WATER

* Technology of Water and Packaged Drinking Water

PRINTING & PACKAGING

* Printing Processes Tech. & Indt.
* Hand Book of Printing Tech. (Offset, Screen, Flexo, Gravure, Inkjet & Digital)
* Hand Book of Offset Printing Technology
* Screen Printing with Processes & Technology
* Hand Book of Prepress
* Hand Book of Packaging Indus
* Modern Packaging Technology for Processing Food, Bakery, Snack Foods, Spices and Allied Food Products
* Hand Book of Food Packaging Technology
* Modern Tech. of Printing Inks
* Hand Book of Packaging Tech.

PAINT, VARNISH, SOLVENTS, POWDER COATING & LACQUERS

* Paint Pigment Varnish & Lacquer Manufacturing
* Paint Varnish Solvents & Coating Technology
* Paint, Pigment, Solvent, Coating, Emulsion, Paint Additives & Formulations
* Technology of Coatings, Resins, Pigments & Inks Industries
* Mfg. Tech. & Formulations H.B. on Thinners, Putty, Wall & Indu. Finishes & Synthetic Resins
* Technology of Synthetic Resins & Emulsion Polymers
* Technology of Paints and Coatings with Formulations
* Powder Coating Technology Hand Book

PLASTIC/POLYMER PROCESSING, COMPOUNDING, INJECTION MOULDING, ROTATIONAL MOULDING, PLASTIC FILM, FIBRE GLASS, PLASTIC WASTE RECYCLING, MOULDS, PET & RESINS, ADDITIVES INDUSTRIES

* Moulds Design & Processing Hand Book
* Hand Book of Plastic Materials & Processing Technology
* Injection Moulding of Plastics
* Plastic Processing & Packaging Industries
* Plastic Waste Recycling Tech.
* Technology of Plastic Films
* Rotational Moulding Technology Hand Book
* Plastic Compounding, Master Batches, PET & Other Plastics
* Synthetic Resins Technology with Formulations
* Tech. of PVC Compounding & Its Applications
* H.B. of Polymer & Plastic Technology
* H.B. of Fibre Glass Moulding
* Techn. of Reinforced Plastics
* Plastic Additives Technology Hand Book
* Technology of PET Bottles, Preform and PET Recycling
* Modern Technology of Extrusion & Extruded Products
* Technology of Synthetic Resins & Emulsion Polymers
* Technology of Plastic Additives with Processes and Packaging
* Complete Technology Book On Identification Of Plastics And Plastic Products Materials (Additives, Applications, Biodegradation, Biomedical, Bulk Moulding Compound, Chemical Analysis, Xlpe, Drip Irrigation, Expanded Polyethylene, Polystyrene & Hdpe)
* Identification Of Plastics And Other Plastic Process Industries (Polystyrene, Nylon, Thermoplastic Elastomer, Alkyd Resin, Polypropylene Plastics, Melamine Formaldehyde Resins, Abs, Plastic Blends, Polyvinylidene Chloride Plastics, Polymer, Pipes)
* Complete Technology Book Of Plastic Processing And Recycling Of Plastics With Project Profiles
* Modern Technology Of Injection Moulding, Blow Moulding, Plastic Extrusion, Pet And Other Plastics

BAKERY, CONFECTIONERY & BREAKFAST, PASTA & CEREALS

* Hand Book of Bakery Industries
* Hand Book of Confectionery with Formulations
* Breakfast, Dietary Food, Pasta & Cereal Products Technology
* Hand Book of Modern Bakery Products (2nd Edn.)
* Modern Bakery Technology & Fermented Cereal Products with Formulae
* Technology of Confectionery, Chocolates, Toffee, Candy, Chewing & Bubble Gums, Lollipop and Jelly Products with Formulations

AGRO CULTIVATION, ANIMAL FARMING, AGRO PLANTATION & AGRO CHEMICAL/PESTICIDES/ FLORICULTURE & BEE KEEPING

* Poultry Farm & Feed Formulae
* Hand Book of Pig Farming

LIST OF PUBLICATIONS/BOOKS PUBLISHED BY: ENGINEERS INDIA RESEARCH INSTITUTE 4449, NAI SARAK, MAIN ROAD, DELHI - 6 (INDIA)

Name of Books

* Agro Based H.B. of Plantation, Cultivation & Farming
* Agro-Based Plantation Cultivation & Farming
* Agro Chemical Industries (Insecticide & Pesticides)
* Modern Bee Keeping & Honey Processing
* Technology of Modern Rice Milling and Basmati Rice
* Hand Book of Goat Farming
* Floriculture Hand Book (Flowers Growing Technology)
* Aloe Vera Cultivation, Processings, Formulations and Manufacturing Technology

DAIRY FARM, MILK PROCESSING AND ICE CREAM

* Hand Book of Dairy Formulations, Processes & Milk Processing Industries
* Milk Processing and Dairy Products Industries
* Hand Book of Dairy Farming to Produce Milk with Packaging
* Hand Book of Ice Cream Technology and Formulae
* Hand Book of Milk Processing, Dairy Products and Packaging Technology
* Dairy Farming for Milk Production Technology
* Commercial Dairy Farming with Project Profiles

HERBS CULTIVATION/MEDICINES

* Herbs, Medicinal & Aromatic Plants Cultivation
* Aushidhi and Sungndhit Paudho Ka Vaysayik (Hindi)
* Aromatic & Medicinal Plants and Biodiesel (Jatropha)
* Hand Book of Medicinal & Aromatic Plants (Cultivation, Utilisation & Extraction Processes)

FOOD & AGRO PROCESS, TOMATO PROCESSING, PRESERVATION, DEHYDRATION, FRUIT BEVERAGE, POTATO, MAIZE, MEAT, BANANA

* Fruits & Vegetable Processing Hand Book (2nd Edn.)
* Fruit Beverage & Processing with Mango
* Food Processing & Agro Based Industries (2nd Edn.)
* Preservation & Canning of Fruits and Vegetables
* Hand Book of Food Dehydration & Drying
* Meat Processing & Meat Products Hand Book
* Technology of Food Preservation & Processing
* Hand Book of Food Packaging Technology
* Agro Based & Processed Food Products
* Potato & Potato Processing Technology
* Technology of Maize & Allied Corn Products
* Technology of Food Processing Industries
* Complete Book on Banana Cultivation, Dehydration Ripening, Processing, Products & Packaging Technology
* Agro Food Processing and Packaging Technology
* Modern Tech. of Tomato Processing & Dehydration (Ketchup, Juice, Paste, Soup & Drying)
* Technology of Food Chemicals, Pigments & Food Aroma Compd.
* Modern Technology of Agro Processing & Food Packaging Products with Project Profiles

POULTRY FARM, HATCHERY & CHICKEN MEAT TECHNOLOGY

* Technology of Chicken Meat and Poultry Products
* Poultry Farming, Hatchery & Broiler Production
* Poultry Farm & Feed Formulae

WOOD, PLYWOOD, PARTICLE, BOARD, BAMBOO & FOREST

* Modern Technology of Wood, Veneer, Plywood, Particle Board, Fibreboard, Bamboo & Forest Products

SOAP, DETERGENT & ACID SLURRY

* Household Soap,Toilet Soap & Other Soap
* Profitable Small Scale Mfr. of Soaps & Detergents
* Synthetic Detergents with Formulations (2nd Edn.)
* Modern Technology of Acid Slurry, Surfactants, Soap and Detergents with Formulae
* Complete Technology Book on Detergents with Formulations (Detergent Cake, Dishwashing Detergents, Liquid &Paste Detergents, Enzyme Detergents, Cleaning Powder & Spray Dried Washing Powder)
* Manufacture of Washing Soap, Toilet Soap, Detergent Powders, Liquid Soap & Herbal Detergents and Perfumes with Formulations

COSMETICS TECHNOLOGY (SYNTHETIC & HERBAL)

* Cosmetics Processes & Formulations Hand Book
* Herbal Cosmetics & Beauty Products with Formulations
* Profitable Small Scale Manufacture of Cosmetics (Synthetic & Herbal)
* Hand Book of Synthetic & Herbal Cosmetics
* Technology of Herbal Cosmetics & Toiletries Products with Formulae

OILSEEDS AND FATS

* Hand Book of Oils, Fats and Derivatives with Refining & Packaging Technology
* Technology of Oilseeds Processing, Oils & Fats and Refining

ESSENTIAL OILS & AROMATIC

* Essential Oils Manufacturing & Aromatic Plants
* Modern Technology of Essential Oils
* Technology of Perfumes, Flavours & Essential Oils
* Essential Oils Processes & Formulations

PERFUMES AND FLAVOURS

* Hand Book of Flavours & Food Colourants Technology
* H. B. of Perfumes & Flavours
* Hand Book of Perfumes with Formulations (2nd Edn.)
* Technology of Perfumes, Flavours & Essential Oils
* H.B. of Flavours Technology

SOLAR PV PANELS, ENERGY, CELLS

* Technology Of Solar Pv Panels, Energy, Cells, Lantern, Cooler, Light System, Cfl Inverter, Photovoltaic System, Power Plant, Water Heater, Collector, Solar Cooling, Refrigeration, Solar Drying, Tractor, Home System, Dish Engine, Nanotechnology & Other Solar Products Manufacturing

BUILDING MATERIAL & CHEMICALS

* Technology of Building Materials & Chemicals with Processes

TEXTILE, GARMENTS, DYEING...

* Mod. Tech. of Bleaching, Dyeing, Printing & Finishing of Textiles
* Technology of Textiles (Spinning & Weaving, Dyeing, Scouring, Drying, Printing and Bleaching)
* Garments Manufacturing Technology

SPICES & COLD STORAGE

* Spices &Packaging with Formula
* Start Your Own Cold Storage Unit

PULP & PAPER TECHNOLOGY

* H.B.of Pulp & Paper, Paper Board & Paper Based Technology

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NON WOVEN TECHNOLOGY

* Complete Tech. of Nonwovens Fabrics, CarryBags, Composite, Geotextiles, Medical Textiles, Fibres, Felts, Apparels, Spunlace and Absorbent Nonwoven

PHARMACEUTICALS & DRUGS

* Pharmaceuticals and Drugs Technology with Formulations

LEATHER & LEATHER PRODUCTS

* Hand Book of Leather & Leather Products Technology

BIOTECHNOLOGY

* Hand Book of Biotechnology

CERAMICS & CERAMIC PROCESS

* H.B.of Ceramics & Ceramics Processing Technology

TREE FARMING

* Hand Book of Tree Farming

MUSHROOM PROCESSING

* Hand Book of Mushroom Cultivation, Processing & Packaging

BIOFERTILIZERS & VERMICULTURE

* Biofertilizers & Vermiculture

BIODEGRADABLE PLASTICS AND POLYMERS

* Modern Technology of Biodegradable Plastics and Polymers With Processes (Bio-Plastic, Starch Plastics, Cellulose Polymers and Others)
* Production of Biodegradable Plastics and Bioplastics Technology

FROZEN FOOD AND FREEZE DRYING

* Complete Hand Book on Frozen Food Processing & Freeze Drying Technology
* Modern Technology of Frozen Food Products

Name of Books

MINERAL AND MINERALS

* Hand Book of Minerals and Minerals Based Industries

RUBBER CHEMICALS, COMPOUNDS & RUBBER INDUSTRIES

* Rubber Chemicals & Processing Industries
* Modern Rubber Chemicals, Compounds & Rubber Goods Technology
* Technology of Rubber & Rubber Goods Industries

AYURVEDIC MEDICINES

* Ayurvedic & Herbal Medicines with Formulaes
* Hand Book of Ayurvedic Medicines with Formulations (A Complete Hand Book of Ayurvedic & Herbal Medicines)

STAINLESS STEEL, NON FERROUS METALS, BILLETS & ROLLING MILL

* Modern Technology of Non Ferrous Metals and Metal Extraction
* Processing Technology of Steels and Stainless Steels
* Modern Technology of Rolling Mill, Billets, Steel Wire, Galvanized Sheet, Forging & Castings
* Manufacturing Technology of Non-Ferrous Metal Products

FOOD ADDITIVES/CHEMICALS AND SWEETENERS & FOOD EMULSIFIERS

* Modern Technology of Food Additives, Sweeteners and Food Emulsifiers
* Technology of Food Chemicals, Pigments and Food Aroma Compounds

DISPOSABLE MEDICAL PRODUCTS

* Technology of Disposable Medical Products

SOYA MILK, TOFU & SOY PRODUCTS

* Technology of Soya Milk, Tofu, Hydrolyzate, Allied Soyabean Products with project Profiles
* Technology of SOYBEAN Products with Formulae

Name of Books

PRODUCTS FROM WASTE

* Technology of Products from Wastes (Industrial, Agriculture, Medical, Municipality, Organic & Biological) By Panda
* Products from Waste Technology Hand Book

WINE PRODUCTION

* Technology of Wine Production and Packaging

ORGANIC FARMING & FOOD/NEEM

* Hand Book of Organic Farming and Organic Foods with Vermi-Composting & Neem Product

FISH FARMING & FISHERY PRODUCTS

* Hand Book of Fish Farming and Fishery Products

TEXTILE AUXILIARY & CHEMICALS

* Textile Auxiliaries and Chemicals with Processes & Formulations
* Technology of Textile Chemicals with Formulation
* Modern Technology of Textile Auxiliary and chemicals with formulations
* Textile Processing Chemicals, Enzymes, Dye Fixing Agents and Other Finishes with Project Profiles

DISINFECTANTS, CLEANERS, PHENYL, DEODORANTS, DISHWASHING DETERGENTS ETC.

* Manufacture of Disinfectants, Cleaners, Phenly, Repellents, Deodorants, Dishwashing Detergents & Aerosols with Formulations

COFFEE & COFFEE PROCESSING

* Start Your Own Coffee & Coffee Processing

CASTING TECHNOLOGY

* Casting Technology Hand Book

ONION DEHYDRATION

* Onion Cultivation, Dehydration, Flakes, Powder, Processing & Packaging Technology

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01. Adhesive Technology and formulations hand book (Hand Book of Adhesives)
02. Agro Based & Processed food Prd.
03. Agro food Processing & Packaging
04. Aloe Vera Cultivation, Processings, Formulations & Manufacturing Tech.
05. Complete Book on Banana Cultivation, Dehydration, Ripening, Processing, Products & Packaging
06. Citrus Fruits cultivation & Processing
07. Commercial Dairy farming to produce milk with project profiles
08. Complete Handbook on frozen food processing & freeze drying technology
09. Dairy farming for milk production
10. Technology of Synthetic Resin & Emulsion Polymers
11. Floriculture Hand Book (Hand book of flowers growing technology)
12. Fruit Beverages and Processing with Mango Products
13. Modern Technology of Printing Inks
14. H. B. of Biofertilizers & Vermiculture
15. H. B. of Adhesives with formulaes
16. Hand Book of Aromatic & Medicinal plants and Biodiesel (Jatropha)
17. Hand Book of Ayurvedic Medicines with formulations
18. Dairy Farming to Produce Milk/Packg
19. Hand Book of Electroplating Anodizing & Surface finishing technology
20. Hand Book of Flavours Technology
21. H.B. of Food Dehydration & Drying
22. Garments Manufacturing Technology
23. Hand Book of Goat Farming
24. Ice Cream Technology and formulae
25. Hand Book of Lubricants, Greases and Petrochemicals Technology
26. Medicinal & Aromatic Plant Cultivation, Utilisation & Extraction Processes
27. Mushroom Cultivation, Prsg & Packing
28. Technology of Reinforced Plastics
29. Rotational Moulding Technology
30. Technology of Sweets, Namkeen and Snacks Food with Formulae
31. Technology of Coatings, Resins, Pigments & Inks Industries
32. Confectionery, Chocolates, Toffee, Candy, Chewing & Bubble Gums, Lollipop & Jelly products with formulae
33. Technology of Food Preservation and Processing
34. Tech. of Food Processing Industries
35. Technology of Perfumes, Flavours and Essential Oils
36. Technology of PVC Compounding and Its Applications
37. Technology of Rubber & Rubber Goods Industries
38. Technology of Sweets (Mithai) with Formulae
39. Technology of Synthetic Dyes, Pigments & Intermediates
40. Technology of Oilseeds Processing, Oils & Fats and Refining
41. Textile Auxiliaries and Chemicals with Processes & Formulations
42. Hand book of Offset Printing Technology, Pre-Press, Plate Making, Web Offset, Newspaper Production
43. Organic Farming & Organic Foods with Vermi-Composting & Neem Products
44. Hand Book of Packaging Technology
45. Plastic Materials & Processing Tech.
46. Poultry Farming & Feed Formulations
47. Hand Book of Prepress
48. Hand Book of Spices & Packaging with Formulaes
49. Ceramics & Ceramics ProcessingTech
50. Injection Moulding of Plastics
51. Manufacture of Snacks Food, Namkeen, Pappad & Potato Products
52. Manufacturing Technology of Non-Ferrous Metal Products
53. Chicken Meat and Poultry Products
54. Meat Processing & Meat Products H.B.
55. Water & Packaged Drinking Water
56. Modern Tech of Frozen Food Products
57. Modern Technology of Non-Ferrous Metals and Metal Extraction
58. Modern Bakery Tech. & Fermented Cereal Products with Formulae
59. Modern Bee Keeping and Honey Processing Technology
60. Acid Slurry, Surfactants, Soap and Detergents with formulae
61. Modern Technology of Extrusion & Extruded Products
62. Rolling Mill, Billets, Steel Wire, Galvanized Sheet, Forging & Castings
63. Pet Bottles, Preform & Pet Recycling
64. Plastic Additives Technology Hand Book
65. Plastic Waste Recycling Technology
66. Potato & Potato Processing Technology
67. Profitable Businesses to Start for Entrepreneurs
68. Profitable Small, Cottage, Tiny and Home Industries.
69. Technology of Reinforced Plastics
70. Rotational Moulding Technology
71. Tomato Processing & Dehydration-Ketchup, Juice, Paste, Puree, Soup and Drying
72. Nonwovens-Fabrics, Carrybags, Composites, Geotextiles, Medical Textiles, Fibres, Felts, Apparels, Spunlace & Absorbent Nonwovens
73. Soybean Products with Formulae
74. Agro Processing and Food Packaging Products with Project Profiles
75. Soya Milk, Tofu, Hydrolyzate, allied Soyabean Product with Project Profiles
76. Products from Waste Technology
77. Food Additives, Sweeteners
78. Food Chemicals, Pigments and Food Aroma Compounds
79. Technology of Glue and Adhesives with Adhesives Bonding and Formulations
80. Coffee Processing Hand Book
81. Casting Technology HandBook
82. Powder Coating Technology
83. Poultry Farming, Hatchery & Broiler Production
84. Wine Production and Packaging
85. Modern Technology of Bioprocessing
86. Profitable Small Scale Manufacture of Cosmetics (Synthetic/Herbal)
87. Technology of Herbal Cosmetics and Toiletries Products with Formulae
88. Tech of Maize & Allied Corn Products
89. Complete Hand Book on Adhesives & Adhesion Tech. with Project Profiles
90. Hand Book of Tree Farming
91. Hand Book of Pig Farming
92. Paints & Coatings with Formulations
93. E-Book Formulations on Nail Enamel & Nail Polish Removers
94. E-Book Formulations on Herbal Hair Oils & Hair Lotions, Hair Vitalizer, Hair Styling Gel & Afro Products
95. E-Book on Herbal Cold Cream, Moisturizing Cream with Aloevera & Fairness Creams
96. Onion Cultivation, Dehydration, Flake, Powder, Processing & Packing
97. Modern Technology Of Textile Auxiliary And Chemicals With Formulations
98. Identification of Plastics and other Plastic Processing Industries
99. Modern Technology of biodegradable Plastics and Polymers with Bio-Plastics, Starch Plastic, Cellulose Polymers and Others
100. Manufacture of Washing Soap, Toilet Soap, Detergent Powders, Liquid Soap & Herbal detergents and Perfumes with Formulations
101. Complete Technology Book on Detergents with Formulations
102. Manufacture of Disinfectants, Cleaners, Phenyl, Repellents, Deodrants, Dishwashing Detergents and Aerosols with Formulations
103. Complete Book on Identification of Plastics and Plastic Product Materials
104. Technology of Solar PV Panels, Energy, Cells, Lantern, Cooler, Light System, CFL Inverter, Photo Voltaic System, Power Plant etc.(A Complete handbook on Solar & Solar Products)
105. Modern Technology of Textile Auxiliary & Chemicals with Formulae
106. Thinners, Putty, Wall & Industrial Finishes and Synthetic Resins
107. Hand Book of Leather and Leather Products Technology

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1. 5 Ginger Based Projects	33. 24 Lubricating Oils, Greases, Brake Oils, Bitumen, Transformer Oil, Reclamation of Used Engine Oils, Cutting Oils and Allied Projects	Station & Other Acces.
2. 6 Agarbatti and Allied Projects	34. 24 Soap & Detergents	58. 43 Iron, Steel, Casting Fabrication, Wire Drawing & Rolling Mills Projects
3. 6 Lucrative Project on Thinners	35. 25 Ayurvedic/Herbal Pharmacy and Cosmetic Products	59. 44 Textile, Garments, Hosiery & Allied Products
4. 7 Power Based Projects	36. 25 PVC (Polyvinyl Chloride) & PVC Based Profitable Projects	60. 45 Profitable Chemicals and Allied Projects
5. 8 Mango and Mango Based Projects	37. 26 New Educational Projects (Schools, Colleges, Training/ Management Institutes, Hostels etc.	61. 45 InfoTech/IT, Hospitility, Hospital, College, School, Medical, Entertainment Club, Ware Housing & Real Estate Projects
6. 9 Poultry Farming, Chicken Processing and Hatchery Projects	38. 28 Fruit Juices, Food Dehydration & Allied Projects	62. 46 Projects on Infrastructure, Real Estate, Hotels, Hospitals, Hospitility
7. 9 Tea Plantation & Processing Based Indstries	39. 28 Multi Crores Profitable Projects (10 Cr. to 50 Cr.)	63. 50 Electrical, Electronic & Computer/IT Based Industries
8. 9 Wheat and Wheat Projects	40. 28 Profitable Multcrores Projects (2 Cr. to 8 Cr.)	64. 52 Cosmetics (Herbal & Synthetics) Projects
9. 10 Coconut & Coconut By Products	41. 28 Multicrore Lucrative Projects (100 Cr. to 300 Cr.)	65. 52 Food, Dairy, Bakery, Confectionery & Snacks Projects
10. 10 Leather Tanning, Garments, Footwear, Chemicals Industries	42. 28 Surgical & Disposable Projects	66. 52 Small Scale 25 to 50 Lacs Investment Projects
11. 10 Maize & Corn Processing Projects	43. 29 New Profitable (1.5 Cr. to 3 Cr.) Projects	67. 54 Paints, Varnish, Solvent Lacquers, Resins, Enamel Powder Coating Projects
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15. 12 Mosquitoes Preventive Projects	47. 33 Sweets, Namkeen, Snacks etc.	71. 63 Multi Crores Profitable Project (2 Cr. to Rs. 2500 Cr.)
16. 13 Fish Farming & Fishery Projects	48. 35 Gums, Adhesives & Resins Projects	72. 63 Packaging & Allied Projects
17. 14 Potato & Potato based Projects	49. 35 Profitable New Industries	73. 67 Rubber & Rubber Goods Industry
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19. 15 Profitable 1 to 1.5 Cr. Projects	51. 37 Aluminium & Aluminium Industry	75. 83 Exports Oriented Units Projects
20. 16 Multi Crores Profitable Projects (Above 50 Cr Projects)	52. 38 Biofertilizer, Biofuel, Enzyme, Organic Farming & Manure, Protein & Allied Lucrative Projects	76. 92 New Lucrative Projects
21. 16 Food Processing & Pharma	53. 41 Plastic Extrusion and Extruder Based Industries	77. 99 Printing & Packaging Projects
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28. 23 Canning, Dehydration, Dairy, Jatropha, Fish & Other Projects		
29. 23 Dairy Farming, Dairy Products & Other Milk Processing Industry		
30. 23 Injection Moulded Plastic Products		
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