JUST PREPARED NEW PROJECTS FOR YOU

FLOOR SPRING [CODE NO.1867]

Floor spring units are fitted to aid door closing, on heavier, more industrial and commercial use doors. They are used in place of the more standard face fixed door closer and are most suitable for conditions with heavier duty requirements. They are set into the floor underneath the door and are covered by a metal cover plate, made in either stainless steel or brass finish. • Floor spring units are easy to access for repairs but also give a very clean and concealed look. • Floor Springs can be fitted to glass doors with specific door parts.

COST ESTIMATION

Plant Capacity	500.00 Pieces/day
Land & Building (1500 Sq.Mtr)	Rs. 2.15 Cr
Plant & Machinery	Rs 37.00 Lacs
W.C. for 2 Months	Rs. 1.05 Cr
Total Capital Investment	Rs 3.82 Cr
Rate of Return	31%
Break Even Point	60%

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DI CALCIUM PHOSPHATE (ANIMAL FEED GRADE) FROM HYDROCHLORIC ACID ROUTE [CODE NO.1868]

Rock phosphate is the source from which dicalcium phosphate can be manufactured. It finds applicability as a fertilizer and animal feed. The phosphours pentoxide content ranges around 41-42% in the dihydrate form. The trade mark for a dentrifice grade dicalcium phosphate dihydrate is captioned as "Dicalcium phosphate victor". It is CaHPO4.2H2O plus additive. FCC grade, Which is used as polishing agent in dentrifices. In the shallow, medium and deep-black soils having the carbonate content from 3 to 6%, the available phosphorous was highest at 60 days when superphosphate was applied, whereas in the alluvial soil containing 1% carbonate, the highest available phosphorous was observed at 60 days when the fertilizer applied was dicalcium phosphate. Dicalcium phosphate proved as effective as superphosphate on alluvial, coastal alluvial, red and laterite soils, but was inferior on medium-black and deltaic saline soils.

COST ESTIMATION

Plant Capacity	20.00 MT/day
Land & Building (32000 Sq.Mtr)	Rs. 10.80 Cr
Plant & Machinery	Rs 11.18 Cr
W.C. for 3 Months	Rs. 3.79 Cr
Total Capital Investment	Rs 26.37 Cr
Rate of Return	15%
Break Even Point	67%

****

POULTRY FARMING [CODE NO.1869]

The production of poultry in the United States and generally throughout the world is carried out by a highly specialized, efficient poultry industry that has been a leader in trends of scale and industrialization that have taken place in American agriculture over the past half century. The total number of chicken produced in the United State annually amounts to more than 3.6 billion. These are kept for two separate purpose the production of table eggs. The organization and methods used by the two aspects of the poultry industry are different, and generally commercial table egg production and broiler production are carried out by separate enterprises. Availability of feeds and their ingredients contributed significantly to increased Poultry production is our country during the two decades. Feed represents about 75% of the total cost of egg production and per cent of the cost of broiler production. Therefore, efficiency in feeding is are of the key factors for successful poultry production. But very few poultry formers demote a comparable preparation of their managerial time to ensure that the feed supplies and food in take by the birds are satisfactory. The broiler industry is a highly integrated industry in which most of the steps in the production process are controlled by a single firm. A hatchery, breeder flocks, feed milk, processing plant, and a number of contract growers served by technical service staff make up a typical integrated broiler company. More than 90% of the commercial broilers are raised by grovers under contact to a broiler firm.

COST ESTIMATION

Plant Capacity	20000.00 BIRDS/day
Land & Building (8000 Sq.Mtr)	Rs. 1.39 Cr
Plant & Machinery	Rs 30.75 Lacs
W.C. for 3 Months	Rs. 26.18 Lacs
Total Capital Investment	Rs 1.98 Cr
Rate of Return	14%
Break Even Point	64%

****

ENA PLANT BASED ON MAIZE [CODE NO.1870]

Neutral spirit is ethanol, which will only have the characteristic taste and odour of ethanol. It is manufactured from molasses, grains and other carbohydrate raw materials. In order to classi the different types of neutral spirit according to the raw materials used for the manufacture, the value of the raw material should be prefixed as follows. Molasses Neutral Spirit Neutral spirit made from molasses will be called molasses neutral spirit. Grain Neutral Spirit, Neutral spirit made from grain or malt will be named as grain neutral spirit. Similarly prefix will be used according to raw material used for manufacture.

COST ESTIMATION

Plant Capacity	120.00 KL/day
Land & Building (45 Acres)	Rs. 36.90 Cr
Plant & Machinery	Rs 69.90 Cr
W.C. for 3 Months	Rs. 33.93 Cr
Total Capital Investment	Rs 144 Cr
Rate of Return	25%
Break Even Point	52%

****

VEGETABLE DEHYDRATION PLANT INCLUDING TOMATO POWDER [CODE NO.1871]

In India, Dehydration of fruits and vegetable has a bright prospects over other foods because India has diverse geographical and climatic conditions and produces a wide range of fruits and vegetables throughout the year. Here almost all type of fruits and vegetables are grown all over the country. These fruits and vegetables are valuable foods. They are a rich source of calcium, phosphorus, iron and vitamins. Dehydrated fruits & vegetables include a no. of articles mainly, fruit juices, dehydrated fruits and vegetables, squashes, cordials, Beverages, jam, jellies, mermalades, chutney, sauces, pickles, vinegar, pectin etc. Dehydration is at present defined industrially as drying by artificially produced heat under carefully controlled conditions of temperature, humidity, and air flow. The term `dried' is applied to all dried products regardless of the method of drying.

COST ESTIMATION

Plant Capacity	7.00 MT/day
Land & Building (3000 Sq.Mtr)	Rs. 3.76 Cr
Plant & Machinery	Rs 1.80 Cr
W.C. for 1 Month	Rs. 2.05 Cr
Total Capital Investment	Rs 7.81 Cr
Rate of Return	40%
Break Even Point	39%

****

SINGLE SIDE AND DOUBLE SIDE PRINTED CIRCUIT BOARDS (PCB) MANUFACTURING UNIT [CODE NO.1872]

A printed circuit board, or PCB, is a self-contained module of interconnected electronic components found in devices ranging from common beepers, or pagers, and radios to sophisticated radar and computer systems. The circuits are formed by a thin layer of conducting material deposited, or "printed," on the surface of an insulating board known as the substrate. Individual electronic components are placed on the surface of the substrate and soldered to the interconnecting circuits. Contact fingers along one or more edges of the substrate act as connectors to other PCBs or to external electrical devices such as on-off switches. A printed circuit board may have circuits that perform a single function, such as a signal amplifier, or multiple functions. There are three major types of printed circuit board construction: single-sided, double-sided, and multi-layered. Single-sided boards have the components on one side of the substrate. When the number of components becomes too much for a single-sided board, a double-sided board may be used. Electrical connections between the circuits on each side are made by drilling holes through the substrate in appropriate locations and plating the inside of the holes with a conducting material. The third type, a multi-layered board, has a substrate made up of layers of printed circuits separated by layers of insulation.

COST ESTIMATION

Plant Capacity	68.33 Square Mtr./day
Land & Building (2000 Sq.Mtr)	Rs. 1.72 Cr
Plant & Machinery	Rs 2.73 Cr
W.C. for 2 Months	Rs. 4.02 Cr
Total Capital Investment	Rs 9.10 Cr
Rate of Return	39%
Break Even Point	42%

****

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26. HOSPITAL (100 BEDS)	68 Cr.
27. IRON ORE MINING	302 Cr.
28. INTEGRATED UNIT OF DAIRY, FARMING MILK COLLECTION ETC.	9 Cr.
29. I M F L (WINE, BRANDY, WHISKY	41 Cr.
30. KATHA & KUTCH	5 Cr.
31. KRAFT PAPER	23 Cr.
32. KRAFT PAPER FROM BAGASSE	15 Cr.
33. MULTIPRODUCTS	1795 Cr.
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36. M.S. PIPE (WELDED)	20 Cr.
37. MEDICAL COLLEGE, HOSPITAL ETC.	17 Cr.
38. MILD STEEL SECTION MILL (ANGLES, CHANNELS, ROUND, SQUARES, ETC.)	17 Cr.
39. MONOCHLORO ACETIC ACID	23 Cr.
40. MONOCHLORO ACETIC ACID FROM ETHANOL AND CHLORINE	18 Cr.
41. MINERAL WATER CUM PET BOTTLE MANUFACTURING UNIT	10 Cr.
42. PORTLAND CEMENT PLANT	178 Cr.
43. POWER PLANT FROM BIO GAS	12 Cr.
44. PRODUCTION OF BIO-OIL	3 Cr.
45. PVC PIPE AND FITTING	3 Cr.
46. PAPER PLANT	140 Cr.
47. POWER PLANT (GAS BASED)	17Cr.
48. RESIDENTIAL COMPLEX (TOWNSHIP)	520 Cr.
49. ROLLING MILL BY TMT TECHNOLOGY	16 Cr.
50. ROLLING MILL WITH INDUCTION FURNACE	79 Cr.
51. SUGAR PLANT	90 Cr.
52. SPONGE IRON FROM IRON ORE	148 Cr.
53. SOLAR POWER (ENERGY) PLANT	105 Cr.
54. STEEL PLANT BASED ON INDUCTION FURNACE	39 Cr.
55. STEEL PLANT (BILLETS) BASED ON INDUCTION FURNACE	232 Cr.
56. STEEL TRANSMISSION LINE TOWER & HOT ROLLING MILL	60 Cr.
57. SODIUM TRIPOLY PHOSPHATE	71 Cr.
58. TYRES, TUBES & FLAP	94 Cr.
59. TUBULAR STEEL SWEDGE TYPE POLE	12 Cr.
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MUSTARD OIL EXTRACTION & REFINING PLANT [CODE NO. 1873]

Indian Edible Oil Industry Vegetable oil and oil seeds are two of the essential commodities for the consumer's daily needs. India is one of the largest producers of oilseeds in the world with an area of 26.54 million hectares under cultivation producing 23-28 million tonnes of oil seeds every year depending on the monsoons. It produces nine types of oil seeds namely, Groundnut, Soybean, Rape/Mustard seed, Sunflower seed, Sesame seed, Castor seed, Niger seed, Safflower seed, Linseed. It also enjoys the position of being the third largest consumer of edible oil in the world next only to US and China owing to its growing population, rising income levels and changing eating habits. The per capita consumption has grown by 8.1 per cent over the last five years. It stood at 12.5 kg/person per annum which is considerably low as compared to the world average of 17.5 kg/ annum. Developed countries like Japan, Brazil and USA consume around 20.8 kg/annum, 21.3 kg/annum and 48.0 kg/annum respectively. The imports mainly comprise Palm oil, Soybean oil and Sunflower oil. Indonesia, Argentina and Malaysia are the key exporters of oil to India. Olive oil is mainly imported from European countries like Italy and Spain. Rapeseed oil is imported from UAE. While mustard seeds are abundantly produced in most parts of India, its milling/grinding is mostly done by the large centralized plants, which have the advantage of high efficiency and reduced costs due to economies of scale. Despite the clear advantage of large plants, the importance of tiny decentralized oil extraction units cannot be discounted as they also prove to be economic and present opportunities for self-employment in situations: where oil produced by large plants do not find its way to remote and distant places because of high transportation costs involved in wider distribution and in places where there is no oil expeller in the area and the farmers sell oil seeds to large refineries which they then buy back at high cost in the form of cooking oil but without the valuable high protein oil cake.

COST ESTIMATION

Plant Capacity	10.00 MT. REFINED OIL/day
Land & Building (5000 Sq.Mtr)	Rs. 1.91 Cr
Plant & Machinery	Rs 5.42 Cr
W.C. for 2 Months	Rs. 5.84 Cr
Total Capital Investment	Rs 13.60 Cr
Rate of Return	25%
Break Even Point	51%

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FERRO VANADIUM FROM VANADIUM SLUDGE [CODE NO 1874]

Ferro Vanadium is an alloy which is formed by combining iron and vanadium with a vanadium content range of 35%-85%. Ferro Vanadium is a universal hardener, strengthener and anti-corrosive additive for steels like high-strength low-alloy (HSLA) steel, tool steels, as well as other ferrous-based products. Ferro Vanadium was first used in the production of the Ford Model T and is still used in the automobile industry today.

COST ESTIMATION

Plant Capacity	8.00 MT/day
Land & Building (32000 Sq.Mtr)	Rs. 1.50 Cr
Plant & Machinery	Rs 45.00 Lacs
W.C. for 2 Months	Rs. 28.17 Cr
Total Capital Investment	Rs 30.44 Cr
Rate of Return	41%
Break Even Point	33%

****

FOOD PRODUCTS COMPLEX (ONION SLICE, ONION POWDER, ONION FLAKES, GARLIC POWDER, GARLIC FLAKES, GARLIC PASTE, POTATO POWDER, POTATO FLAKES/SLICE) [CODE 1876]

Potato flakes are some of the most important form of dehydrated potato products that can be used in different ways including substitution for fresh mashed potatoes. Unlike French fries and crisps whose consumption patterns and diversity is well established, little or no information can be obtained on flakes in Kenya. This study was, therefore designed to assess the diversity and characteristics of potato flakes in Nairobi and Nakuru, Kenya. Potato flakes diversity and characteristics were determined through a structured questionnaire administered to attendants in 148 retail outlets (supermarkets and shops) followed by sampling and laboratory analysis of the available brands. Of all supermarkets surveyed, only 3.4% stocked potato flakes. There were only 2 brands of flakes, one imported and another, local brand. The sales were reportedly low due to the high cost (55%) of the products, lack of public awareness of the product (35%) and inadequate supply (15%). The oil and moisture contents of potato flakes from supermarkets in Nairobi and Nakuru significantly ($P<0.05$) differed between the brands being generally lower in the imported brand compared to local brand, ranging from 0.13% to 0.32%. There were no significant ($P>0.05$) differences in levels of sodium chloride with the maximum recorded being 2.11% in imported flakes. The moisture content ranged from 8.52% to 10.51% in local and 2 imported flakes brands, respectively. The sale of potato flakes can, however, be increased if the processors produced smaller unit weight packages that are more affordable and create awareness to the general public consumer.

COST ESTIMATION

Plant Capacity	3.50 MT/day
Land & Building (1 Acre)	Rs. 1.47 Cr
Plant & Machinery	Rs 1.74 Cr
W.C. for 2 Months	Rs. 1.58 Cr
Total Capital Investment	Rs 4.95 Cr
Rate of Return	26%
Break Even Point	61%

****

Start Your Own Industry

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 to Day.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. In 1983, a thinner diaper using 4-5 grams of polymer and less fluff was marketed in Japan. The use of superabsorbent polymers revolutionized the diaper industry. Diaper manufacturers began to design diapers to take advantage of the amazing liquid retention ability of the polymer.

Cost Estimation

Plant Capacity	320 MT./Day
Land & Building (8 Acres)	Rs. 19.80 Cr.
Plant & Machinery	Rs. 16 Cr.
W.C. for 3 Months	Rs. 484.50 Cr.
Total Capital Investment	Rs. 521.45 Cr.
Rate of Return	37%
Break Even Point	28%

****

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.

Cost Estimation

Plant Capacity	720 Kg./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%

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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. Ten Cate 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. Thermoset resins are precision coated and designed to be low flow for optimal high fibre/resin content. Premix is generally known as Dough Moulding Compound (DMC), flow mix or Bulk Moulding Compound (BMC). Premix has been defined as "A fiber reinforced thermo set molding compound not requiring advancement of cure, drying of volatiles, or other processing after mixing to make it ready for use at the molding press". To this might be added "and which can be molded without reaction by products under only sufficient pressure to flow and compact the material". If the word "mixing" in the above is changed to "manufacture" the definition can apply equally to sheet molding compound.

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%

****

LIQUID SULFUR TRIOXIDE (SO3) (EIRI-1748)

Sulfur trioxide (alternative spelling, sulphur trioxide) is the chemical compound with the formula SO3. 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 SO3 is a trigonal planar molecule of D3h symmetry, as predicted by VSEPR theory. SO3 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 MT./Day
Land & Building (10,000 Sq.mt.)	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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PLASTIC EXTRUSION AND EXTRUDER BASED INDUSTRIES

1. B.O.P.P. FILM
2. COLOUR MASTER BATCHES FOR VARIOUS PLASTICS
3. DOUGH MOULDING COMPOUND (DMC), BULK MOULDING COMPOUND (BMC), SHEET MOULDING COMPOUND (SMC)
4. EXPANDED CELLULAR POLYETHYLENE SHEET
5. H.D.P.E/P.P. BOX STRAPINGS
6. HDPE/PP WOVEN SACKS (BAGS)
7. HDPE FISHING NET
8. H.D.P.E. AND FITTING PIPES
9. HDPE PIPES AND PIPE FITTINGS
10. INJECTION & BLOW MOULDED PLASTIC PRODUCTS
11. LAMINATION OF CO-EXTRUSION MULTI LAYER FILM IN ROLL FORM
12. MULTI LAYER CO-EXTRUSION, 3 LAYER - FILM WITH LAMINATION & PRINTING
13. NYLON GRANULES FROM NYLON WASTE
14. NYLON NET FOR GIVING SHADE TO TEA PLANT IN NURSERY
15. PET GRANULES (DANA)
16. PLASTIC INJECTION MOULDING PRODUCTS
17. PLASTIC MAT
18. PLASTIC MOULDED FURNITURE
19. P.V.C. PIPES AND FITTINGS
20. PLASTIC FILMS AND SHEETS WITH PRINTING (FLEXO AND ROTO) LDPE/ HDPE/PP/HM/PVC
21. PLASTIC GRANULES FROM FRESH RESIN
22. PLASTIC ROPE
23. PLASTIC CORRUGATED SHEET & BOXES
24. PLASTIC TOOTH PICK
25. POLY-VINYL FLOORING
26. PLASTIC TARPAULIN
27. POLYTHENE BAGS
28. PLASTTIC SUTLI OR POLYPROPYLENE SUTLI
29. PVC EXTRUSION PROFILES (WIRING CHANNELS)
30. POLY CARBONATE SHEET
31. PVC/PLASTICS (SOFT/RIGID) FILMS/ SHEET
32. POLYSTER FILM
33. P.V.C. FLEXIBLE PIPES
34. PVC NON-WOVEN MAT
35. P.V.C. CONDUIT PIPES
36. POLYESTER ZIP FASTENERS
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Start Your Own Industry

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.

Cost Estimation

Plant Capacity	300 Kgs./Day
Land & Building (500 Sq.mt.)	Rented
Plant & Machinery	Rs. 20 Lacs
W.C. for 1 Month	Rs. 32 Lacs
Total Capital Investment	Rs. 58 Lacs
Rate of Return	59%
Break Even Point	56%

****

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. However, that model has begun to change and a number of automotive manufacturers have shifted the focus of their franchised retailers on to branding and technology. TOYOTA has moved to create a standard look for its dealerships around the world and to introduce 'product geniuses' to liaise with customers., TOYOTA has experimented with a hi-tech showroom that allows customers to configure and experience cars on 1:1 scale digital screens, has opened city centre brand stores to showcase its vehicles has opened city centre galleries where prospective customers can view cars that can only be ordered online.

Cost Estimation

Plant Capacity	1 Car/Day
Land & Building (4000 Sq.mt.)	Own
Plant & Machinery	Rs. 57 Lacs
W.C. for 1 Month	Rs. 3.39 Cr.
Total Capital Investment	Rs. 6.61 Cr.
Rate of Return	28%
Break Even Point	63%

****

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

Onion (Allium cepa) belongs to the family Alliaceous. Onion is a vegetable crop consumed 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.mt.)	Rs. 1.05 Cr.
Plant & Machinery	Rs. 49 Lacs
W.C. for 1 Month	Rs. 36 Lacs
Total Capital Investment	Rs. 1.98 Cr.
Rate of Return	38%
Break Even Point	48%

****

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.

Cost Estimation

Plant Capacity	25 MT./Day
Land & Building (6000 Sq.mt.)	Rs. 8 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%

****

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%

****

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.mt.)	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%

****

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.

Cost Estimation

Plant Capacity	15 Tons/Day
Land & Building (2 Acres)	Rs. 1.94 Cr.
Plant & Machinery	Rs. 2.62 Cr.
Total Capital Investment	Rs. 26.32 Cr.
Rate of Return	45%
Break Even Point	32%

****

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. Kashmir has rightly been described as, the land of fruits. Its land environment and salubrious climate has provided greater facilities for horticulture industry to grow more rapidly. The apparently growing fruit industry has changed the social and economic status of our rural Kashmir and helped its people in reshaping their economy to some extent.

Cost Estimation

Plant Capacity	5000 MT.
Land & Building (2 Acres)	Rs. 4.32 Cr.
Plant & Machinery	Rs. 3.26 Cr.
W.C. for 1 Month	Rs. 12 Lacs
Total Capital Investment	Rs. 7.86 Cr.
Rate of Return	19%
Break Even Point	62%

****

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.

Cost Estimation

Plant Capacity	100 MT./Day
Land & Building (16 Acres)	Rs. 31.95 Cr.
Plant & Machinery	Rs. 51 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. Each pod is about 5-8 cm long and has on an average 6-9 small grayish-white pea shaped seeds. The pods are used as a green vegetable or as a cattle feed besides the industrial extraction of guar gum. Guar seed consists of major three portions viz. the seed coat,the endosperm and the innermost proteinacious portion,the germ.The endosperm is mechanically separated from seeds which yields 35-42% of gum(galactomannan).The left out portion, i.e., the outer seed coat and the germ together constitute guar meal.

Cost Estimation

Plant Capacity	5 TPD/Day
Land & Building (1 Acre)	Rs. 2 Cr.
Plant & Machinery	Rs. 1.12 Cr.
W.C. for 3 Months	Rs. 2.53 Cr.
Total Capital Investment	Rs. 5.75 Cr.
Rate of Return	90%
Break Even Point	25%

****

ALPHA CELLULOSE POWDER FROM COTTON WASTE [EIRI-1645]

Cellulose is a natural carbohydrate high polymer (polysaccharide) consisting of anhydro glucose units joined by an oxygen linkage to form long molecular chains. that are essentially linear cellulose exist in three form. 1. Alpha, 2. Beta, 3. Gamma. Alpha cellulose has the highest degree of Polymerization (DP). It is insoluble in strong sodium hydroxide solution. The beta and gamma form have much lower DP and are known as hemicelluloses.

Cost Estimation

Plant Capacity	2 MT/Day
Land & Building (1500 Sq.Mt.)	Rs. 2.57 Cr.
Plant & Machinery	Rs. 90 Lacs
W.C. for 3 Months	Rs. 93 Lacs
Total Capital Investment	Rs. 4.51 Cr.
Rate of Return	16%
Break Even Point	65%

****

CAST POLY PROPYLENE FILMS (CPP FILM) [EIRI-1646]

The term CPP is used in the plastics industry to describe polypropylene-based films produced by a cast extrusion process (Cast Polypropylene). Although there are some CPP films used for hygiene applications and synthetic paper (usually involving fillers and other additives), the term CPP is usually used to refer to high clarity films targeting lamination, metallization and packaging applications.

Cost Estimation

Plant Capacity	16.67 MT/Day
Land & Building (4000 Sq.Mt.)	Rs. 2.45 Cr.
Plant & Machinery	Rs. 2.80 Cr.
W.C. for 2 Months	Rs. 9.22 Cr.
Total Capital Investment	Rs. 14.77 Cr.
Rate of Return	46%
Break Even Point	34%

****

SPICES GRINDING [EIRI-1647]

Spices which are basically plant products, have a definite role to play in enhancing the taste flavour, relish or piquancy of any food, most of the spices are pagrant, aromatic and pangent. They comprise seeds, bartes, rhizome, leaves fruits and other parts of plants, which belong to varigated species and genera since time immorial, india in renamed to be the have of spices. Most important spices like black pepper (king of spices) cardamom (queen of spices) cardamon (queen of spices), ginger, chilies and turmeric, which are produced in India import it great reputation and these constitute. The major group of spices.

Cost Estimation

Plant Capacity	2 MT/Day
Land & Building (1500 Sq.Mt.)	Rs. 1.30 Cr.
Plant & Machinery	Rs. 1.15 Cr.
Total Capital Investmen	Rs. 4.40 Cr.
Rate of Return	54%
Break Even Point	49%

****

DOOR HINGES (MILD STEEL AND STAINLESS STEEL) [EIRI-1648]

Hinges have extensive applications in joining doors, windows and similar other structures requiring a movement of one flank with respect to a fixed frame. In housing, the door flanks can have an angular movement with respect to the door frames of wood or steel or aluminium. Its function is to joint one part to the other.

Cost Estimation

Plant Capacity	400 Kgs./Day
Land & Building (1000 Sq.Mt.)	Rs. 1.75 Cr.
Plant & Machinery	Rs. 48.20 Lacs
Total Capital Investment	Rs. 2.97 Cr.
Rate of Return	20%
Break Even Point	58%

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Best Industries to Start and Grow

CASHEW NUT PROCESSING [EIRI-1649]

Cashew (Anacardium occidentale L.) a native of Eastern Brazil introduced to India just as other commercial crops like Rubber, Coffee, Tea etc. by the Portuguese nearly five centuries back. The first introduction of cashew in India was made in Goa from where it spread to other parts of the country. In the beginning it was mainly considered as a crop for afforestation and soil binding to check erosions. The nuts, apple and other by products of this crop are of commercial importance. Though its commercial exploitation began from the early 60's, marginal lands and denuded forests were the areas set apart for the plantation development.

Cost Estimation

Land & Building (1000 Sq.Mt.)	Rs. 1.39 Cr.
Plant & Machinery	Rs. 58.35 Lacs
W.C. for 1 Month	Rs. 84.27 Lacs
Total Capital Investment	Rs. 2.90 Cr.
Rate of Return	32%
Break Even Point	54%

****

BIO GAS PRODUCTION & BOTTLING PLANT [EIRI-1650]

Energy is becoming a scarce and costly input in the world. Oil which accounts for a sizeable portion of our energy consumption, has been making a very heavy tax on our foreign exchange resources. Other than coal, we must also find alternate resources of energy centered around solar, wind, tidal and bio-gas. An effective bio-gas programme leads to efficient use of cow dung for gas recovery and partial supplement to plant nutrient requirement. Bio-gas programme leads to improvement in rural living including rural sanitation. Conventional bio-gas digesters set up in India were predominantly of the Khadi Village Industries Commission Model.

Cost Estimation

Plant Capacity	1500 Cubic Meter/Day
Land & Building (2000 Sq.Mt.)	Rs. 1.40 Cr.
Plant & Machinery	Rs. 1.00 Cr.
W.C. for 3 Months	Rs. 40 Lacs
Total Capital Investment	Rs. 4.86 Cr.
Rate of Return	26%
Break Even Point	50%

****

ISOBGOL PROCESSING UNIT [EIRI-1651]

Isobgol (psyllium) is a natural gift to India especially to the North Gujarat and the southern part of Rajasthan since in no other part of the world the climatic conditions are such that which are favourable for growing Isobgol crop. Isobgol is a Persian name which means horse's ear. (Isob means horse any gol means ear) The name completely suits the description of isobgol seed, as it is very much resembles horse's ear. The Isobgol seed has Two parts, the above thin white layer known as isobgol 'hush' or'sat' isobgol' and the inner red known as gola.

Cost Estimation

Plant Capacity	1 MT/Day
Land & Building (600 Sq.Mt.)	Rs. 73 Lacs
Plant & Machinery	Rs. 14.75 Lacs
W.C. for 2 Months	Rs. 22.56 Lacs
Total Capital Investment	Rs. 1.16 Cr.
Rate of Return	56%
Break Even Point	39%

****

10 MW GRID INTERACTIVE SOLAR POLYCRYSTALLINE PV POWER PLANT [EIRI-1652]

Grid interconnection of photovoltaic (PV) power generation system has the advantage of more effective utilization of generated power. However, the technical requirements from both the utility power system grid side and the PV system side need to be satisfied to ensure the safety of the PV installer and the reliability of the utility grid. Clarifying the technical requirements for grid interconnection and solving the problems are therefore very important issues for widespread application of PV systems. Grid interconnection of PV systems is accomplished through the inverter, which convert DC power generated from PV modules to AC power used for ordinary power supply for electrical equipments.

Cost Estimation

Plant Capacity	10 MEGA WATTS
Land & Building (120000 Sq.Mt.)	Rs. 5.24 Cr.
Plant & Machinery	Rs. 56 Cr.
W.C. for 2 Months	Rs. 26 Lacs
Total Capital Investment	Rs. 61.86 Cr.
Rate of Return	21%
Break Even Point	60%

****

GROUND CALCIUM CARBONATE MICRONIZATION PLANT [EIRI-1653]

Calcite is a carbonate of calcium ($CaCO_3$) containing 56% CaO and 44% CO_2. It is one of the important industrial minerals also known as 'Calc Spar'. Pure crystallised transparent variety of calcite is known as 'Iceland Spar' which is used as Nicol prism in optical instruments using polarised light. Calcite is the most abundant crystalline form of calcium carbonate ($CaCO_3$) Calcite limestone refers to a high-calcium limestone. As for hardness of calcite is concerned, pure calcite has a hardness of 3 Mohs, whereas naturally occurring limestone's lie in the range of 2-4 Mohs. Regarding the formation and occurrence of limestone/calcite mineral, this is widely distributed throughout the world in deposits of varying sizes & degrees of purity.

Cost Estimation (US DOLLAR)

Plant Capacity	30 MT/Day
Land & Building (1500 Sq.Mt.)	US$ 2.17 Lacs
Plant & Machinery	US$ 1.78 Lacs
W.C. for 2 Months	US$ 97 Th.
Total Capital Investment	US$ 6.88 Lacs
Rate of Return	24%
Break Even Point	58%

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Start Your Own Industry

SOYA MILK AND PANEER [EIRI-1654]

Soyabeans are very much popular as food crop in most of the countries all over the world where a large number of food products are prepared form soyabean seeds. As edible oil milk and milk products giving sources crop the soyabeans are getting wide acceptance. In India too since last few decades. Souyabean seeds have a high nutritional composition; and can be converted in to various states, tastes, colours, flavours and other quality substances. As far as the use of soyabean is concerned it has taken a place from soap industry to food industries like. The soya milk, in particular has been developed like a boon for human beings as large. The specialty lies in the fact that in the reasons when traditional cow milk buffalo milk is not available in sufficient quantity, this milk serves the purpose almost equitably to other animal milk type. Soybeans possess a very high nutritional value.

Cost Estimation

Plant Capacity	1 MT/Day
Land & Building	Rented
Plant & Machinery	Rs. 7 Lacs
W.C. for 1 Month	Rs. 9 Lacs
Total Capital Investment	Rs. 18 Lacs
Rate of Return	63%
Break Even Point	61%

****

COCOA BUTTER AND COCOA POWDER WITH CULTIVATION [EIRI-1655]

Cocoa Powder (Cocoa) is the food prepared by pulverizing the material remaining after the part of fat (Cocoa Powder) is removed from chocolate liquor. The V.S.chocolate standards define three types of cocos based on their fat content. These are (a) Breakfast, or high fat cocoa containing not less than 22% fat. (b) Cocoa, or medium fat cocoa containing less than 22% but more than 10%. (c) Low fat cocoa, containing less than 10% fat. Cocoa powder production toDay is an important part of the cocoa and chocolate industry, because of increased consumption of chocolate - flavoured products.

Cost Estimation

Plant Capacity	5 MT/Day
Land & Building (400 Acres)	Rs. 21.25 Cr.
Plant & Machinery	Rs. 2.29 Cr.
W.C. for 3 Months	Rs.3.36 Cr.
Total Capital Investment	Rs. 27.21 Cr.
Rate of Return	67%
Break Even Point	22%

****

AUTOMATIC LINE FOR PROCESSING FRESH GINGER INTO DRY GINGER, GINGER, OIL, PASTE, POWDER & GINGER JUICE [EIRI-1656]

A genus of rhizomatous herbs distributed in the tropics of the old world, chiefly in India, East Asia and Malaysia. Fourteen, species are reported to occur in India Z-official, which is the main source of ginger, is cultivated on a large scale in India. Bangladesh, Taiwan, Jamaica, Nigeria and Sieria, Leone, from which it is exported to other countries the world and ginger is cultivated also for internal consumption in Sri Lanka (Ceylon) and several East Asiatic countries and the crop has been introduced into Queens hand in Australia mainly for pickling. Ginger is mentioned in the early literature of China and India as a spice. Thus it is one of the earliest of known spices. In the 16th century, the Spaniards introduced it into the West Indies and Mexico.

Cost Estimation

Land & Building (2.5 Acres)	Rs. 5.75 Cr.
Plant & Machinery	Rs. 2.50 Cr.
Total Capital Investment	Rs. 16.93 Cr.
Rate of Return	36%
Break Even Point	39%

****

INSTANT FOOD MIX (IDLI MIX, DOSA MIX, SAMBAR MIX, VADA MIX GULABJAMUN MIX, DHUKLA MIX ETC.) [EIRI-1657]

Modern age has evolved an immense relish for fast food items which have become quite prevalant in view of their variety and palatability. Their demand is also enhancing at a tremendous pace. Among such food item, Dhokla, Dosa, Sambar, Gulab Jamun, Vada mix etc. constitute. Instant food mix. Their speciality owes to the significant progress in food technology. One great speciality is the facile availability of these food items at various shapes, vendors, and mobile food snacks parlours & these are very economical items.

Cost Estimation

Plant Capacity	600 KGS/Day
Land & Building (6000 Sq.Mt.)	Rs. 50 Lacs
Plant & Machinery	Rs. 12 Lacs
Total Capital Investment	Rs. 95.99 Lacs
Rate of Return	98%
Break Even Point	29%

****

PLASTIC MOULDED CHAIRS (P.P.) [EIRI-1658]

Due to the very low consumption as compared to developed countries and even in India, a large gap is to be filled by introducing new and cost effective products. Customers with low purchasing power don't have any option other than plastic furniture. Middle and lower classes in Pakistan is major buyer and these classes are 65% of total population. Also there are very few players in this business. The business of Molded Furniture has marked its place in the country through growth during the last ten years. This growth has opened up new opportunities. The prime reason for this is awareness about the product. Along with that, companies are offering conditional warranty of plastic chairs minimizing risk of customer. Molded Furniture is basically produces in developed countries to be used as Lawn Furniture and outdoor restaurants. As trends are from developed countries, it was introduced in Pakistan around 1984-1985 by a Karachi based firm. Then a factory was installed in Gujranwala and then with the passage of time now there are some main 7units producing plastic chairs, tables, baby products, etc Day and nights. Due to low purchasing power people in Pakistan found this product cheap, associated with warranty covering the risk of consumers. Customer bank is increasing Day by Day with the penetration of companies, by introducing new and economical models, variety of colors, exports to Afghanistan etc.

Cost Estimation

Plant Capacity	400 Nos./Day
Land & Building (Existing)	Rs. 25 Lacs
Plant & Machinery	Rs. 1.50 Cr.
W.C. for 1 Month	Rs. 7 Lacs
Total Capital Investment	Rs. 1.87 Cr.
Rate of Return	9%
Break Even Point	73%

****

KURKURA AND NAMKEEN [EIRI-1659]

Namkeen products are in demand from over many years in India and are being exporting to many countries. Dal Moth, Chanachur & Bhujia are the important names inhancing the flavour & taste as processed foods. These are food products having no historical background & becomes in market and in social & cultural synonym as the society became more advanced. Initially in long-long ago, people did not heard the name of Dal moth, chur or Bhujia like food products. But now Days it is well known not in India but world wide. These are mainly consumed during breakfast period & are very much during social & cultural periods. These are used as tasty & flavored food as well as in medicinal way, however, a little it may be, according to ayurveda) because of their carminative stimulative digestive properties. India produces almost all these types of salty processed food products of grains all these types of salty processed food products of grains like Grams, Pulses etc. It aid in digestion and adsorption of food possesses anthelmintic and antiseptic properties. The main raw materials for these products are Gram pulses & spices. The various food additives & colours may be used to provide sophistications in the products. the raw material are frequency available in India. These salty food products get a broad market in foreign countries. These products are very much popular not only in India but also overseas countries.

Cost Estimation

Plant Capacity	20 MT/Day
Land & Building (2000 sq.mt.)	Rs. 3.60 Cr.
Plant & Machinery	Rs. 1.75 Cr.
W.C. for 1 Month	Rs. 4.70 Cr.
Total Capital Investment	Rs. 10.20 Cr.
Rate of Return	47%
Break Even Point	36%

Top Industries to Start

SORBITOL FROM CORN
[EIRI-1660]

Sorbitol, a polyol (sugar alcohol), is a bulk sweetener found in numerous food products. In addition to providing sweetness, it is an excellent humectant and texturizing agent. Sorbitol is about 60 percent as sweet as sucrose with one-third fewer calories. It has a smooth mouthfeel with a sweet, cool and pleasant taste. It is non-cariogenic and may be useful to people with diabetes. Sorbitol has been safely used in processed foods for almost half a century. It is also used in other products, such as pharmaceuticals and cosmetics. D-Soribitol, CH2OH (CHOH) 4CH2OH (D-glucitol, L-gulitol), is a hexahydric alcohol with a 6-carbon atom straight-chain that contains six hydroxyl gropups, and has a molecular weight of 182.17.

Cost Estimation

Plant Capacity	20 MT/Day
Land & Building (4 Acres)	Rs. 6 Cr.
Plant & Machinery	Rs. 17 Cr.
W.C. for 3 Months	Rs. 7.98 Cr.
Total Capital Investment	Rs. 31.69 Cr.
Rate of Return	16%
Break Even Point	68%

****

POLYTHENE ROLLED SHEET
[EIRI-1661]

Over 60 million tons of poly(ethene), often known as polyethylene and polythene, is manufactured each year making it the world's most important plastic. Its uses include film, packaging and containers, from bottles to buckets. Polyethylene is a thermosetting white solid high temperature resistance excellent resistance to chemical and to creep, high impact and tensile strength. The density of polyethylene is effected by the shape and spacing of the molecular chain, low density material, have highly branched and widely spaced chain, whereas high density materials have comparatively straight and closely aligned chain. Polyer of the latter type are called linear.

Cost Estimation

Plant Capacity	5 Ton/Day
Land & Building (1000 Sq.Mt.)	Rs. 1.44 Cr.
Plant & Machinery	Rs. 42 Lacs
W.C. for 1 Month	Rs. 1.19 Cr.
Total Capital Investment	Rs. 3.12 Cr.
Rate of Return	49%
Break Even Point	37%

****

SUPERABSORBENT POLYMER (POLY ACRYLIC ACID BASED)
[EIRI-1662]

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 super absorbent 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 primarypolymer employed for superabsorbent polymers. 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. In 1983, a thinner diaper using 4-5 grams of polymer and less fluff was marketed in Japan.

Cost Estimation

Plant Capacity	10 MT/Day
Land & Building (1 Acrer)	Rs. 2.40 Cr.
Plant & Machinery	Rs.1.90 Cr.
W.C. for 2 Month	Rs. 10.12 Cr.
Total Capital Investment	Rs. 14.70 Cr.
Rate of Return	38%
Break Even Point	36%

****

BISCUIT (ASSORTED) AUTOMATIC PLANT
[EIRI-1663]

Around the world Biscuits is the principal food and provides more nutrients than any other single food source. The value of grain in the world used for human consumption is over 2, 3 times of the value of the world iron and steel production. Although only 14% of the grain in the world is handled through international channels, cereal grains make up more than half of all the goods in overseas trade. The same Biscuit is made up form the word 'BIS' Which means twice and 'Cut' means Balled suggesting that product should be twice balled. The Biscuit were originally developed to meet the requirement of longer life of the barley products and for this, purpose, the dough were made up and twice balled to make them moisture free to improve their keeping qualities. The Biscuit manufacturing was started a century ago mainly to meet the requirement of European Travelers.

Cost Estimation

Plant Capacity	5 MT/Day
Land & Building (1000 Sq.Mt.)	Rs. 1.47 Cr.
Plant & Machinery	Rs. 82.75 Lacs
W.C. for 1 Month	Rs. 53.93 Lacs
Total Capital Investment	Rs. 2.98 Cr.
Rate of Return	63%
Break Even Point	43%

****

SYNTHETIC PEARL COATING ON POLYSTYRENE BEADS
[EIRI-1664]

Pearl is one of the highly elegant variety of gem among others. Though the availability of pearl (natural) is limited in market. This is so costly that only limited number of people can purchase the same. For general categories of people it is the synthetic pearl which is largely available and used by the people. The plastic beads of suitable size is manufactured by plastic manufactures, which are either dip coated or spray coated by suitable coating material giving the same pearly effect on it. It gives same shining like natural pearl. It can be prepared in various shades depending on the addition of requisite dyes in the pearl coating compound.

Cost Estimation

Plant Capacity	4 Ton/Day
Land & Building (1000 Sq.Mt.)	Rs. 1.20 Cr.
Plant & Machinery	Rs. 50 Lacs
W.C. for 1 Month	Rs.1.08 Cr.
Total Capital Investment	Rs. 2.89 Cr.
Rate of Return	70%
Break Even Point	29%

****

SODIUM SULPHIDE
[EIRI-1665]

Sodium sulphide, Na2s, is an organic chemical that has attained as very important position in the organic chemical industry. It is an important sulphide of sodium. It is widely used in leather industry for removing hairs from the hide. It finds extensive applications in textile and also synthetics of sulphur dyes and reduction of amino compounds. It is also used in paper industry, lothogrraphy and engraving manufacture of sulphur black dyes etc. There was no production of sodium sulphide in India before the war, all the requirements being met from imports. Arrangements for the import of sodium sulphide failed and considerably difficulty was experienced by the textile and terming industries in meeting the requirements of the defense serious for textiles and leather.

Cost Estimation

Plant Capacity	50 MT/Day
Land & Building (2 Acres)	Rs. 4.30 Cr.
Plant & Machinery	Rs.1.85 Cr.
W.C. for 3 Months	Rs. 5.08 Cr.
Total Capital Investment	Rs. 11.45 Cr.
Rate of Return	51%
Break Even Point	35%

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SORBITOL FROM CORN
[EIRI-1666]

Sorbitol, a polyol (sugar alcohol), is a bulk sweetener found in numerous food products. In addition to providing sweetness, it is an excellent humectant and texturizing agent. Sorbitol is about 60 percent as sweet as sucrose with one-third fewer calories. It has a smooth mouthfeel with a sweet, cool and pleasant taste. It is non-cariogenic and may be useful to people with diabetes. Sorbitol has been safely used in processed foods for almost half a century. The product has got great deand in future.

Cost Estimation

Plant Capacity	5 MT/Day
Land & Building (4000 sq.mt.)	Rs. 1.83 Cr.
Plant & Machinery	Rs. 3.41 Cr.
W.C. for 3 Months	Rs. 1.54 Cr.
Total Capital Investment	Rs. 6.88 Cr.
Rate of Return	50%
Break Even Point	41%

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

Market Survey Cum Detailed Techno Economic Feasibility Reports

- **To get Loan/Finance from Banks/Finacial Institutes.**
- **To set up your own Industry/Unit**
- **To have Detailed & Exhaustive Data on any Project.**

* EIRI Project Reports are prepared by highly qualified & experienced consultants & Market Research and Analysis supported by a panel of Experts and Computerised.

* Data provided are reliable and uptodate collected from manufacturers/suppliers, plant already commissioned in India.

A complete List of Industrial Project Reports are given on www.eiribooksandprojectreports.com

EACH DETAILED PROJECT REPORT CONTAINS:

☛**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.

For assessing Market Potential, Corporate Diversifications, Planning, Investment Decision Making and to start your own setup, Entrepreneurs and Industrialists are most welcome to contact EIRI.

EIRI Technocrats and Engineers have just prepared
"MARKET SURVEY CUM DETAILED TECHNO ECONOMIC FEASIBILITY REPORTS"
on following lucrative products which are most viable and profitable and having bright future scope

* 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)

EIRI is an expert ***Industrial Consultant*** *working over 35 years and specialized to prepare all types of* ***Detailed Project Reports*** *based on clients requirements. Do Contact Today at: eiritechnology@gmail.com*

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"EIRI Market Survey Cum Detailed Techno Economic Feasibility Reports"

* 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
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* 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
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* 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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FORMULA OF DIFFERENT TYPES QUALITIES (LOW/ MEDIUM/HIGH COST)
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* 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)
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* EPDM RUBBER PROFILES (WEATHER STRIPS, INDUSTRIAL MONOSTRIPS ETC)
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* SURGICAL COTTON, ROLLER BANDAGE, CREPE BANDAGE & PLASTER CART (READY MADE) E.G. GYPSONA 3M CART
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* EPOXIDIZED SOYABEAN OIL (SECONDARY PLASTICIZER) USED IN PVC COMPOUND
* POULTRY PROCESSING PLANT
* B.O.P.P. SELF ADHESIVE TAPES
* I.V.SET
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* TOMATO, GUAVA AND MANGO PULP
* GREEN HOUSE
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* 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
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* 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

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