

# HI-TECH PROJECTS

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# PROFITABLE INDUSTRIES FOR YOU

## HDPE PIPES MANUFACTURING UNIT (75MM EXTRUDER) SIZE 1 INCH TO 5 INCH OD [EIRI-1678]

Provision of drinking water supply, or in other words 'piped' water supply to urban and rural population, constitutes an important aspect of developmental programmes in many countries. Among several materials for pipes and fittings, plastics, though of recent origin, have offered vast potentialities both economical and technical, for exploitation by the engineers, architects and builders of the plastic materials. polyethylene (low and high density) and unplasticized PVC (rigid PVC) have been the prime contender, though to a fairly smaller extent, polypropylene and ABS have made their appearance in this field. A whole range of sanitary fittings and fixtures viz, taps, showers, gratings, basin and sink wastes, waste traps, float balls and valves, syphons for flushing systems, are also currently available in the market, moulded in different suitable plastics. These HDPE pipes and fittings have a high degree of corrosion resistance, are light in weight. Yet tough and durable, have excellent hydraulic properties, excellent thermal properties, weather ability. As such law & high density pipes are various fields viz. agriculture industry.

### Cost Estimation

Plant Capacity	2.50 MT/Day
Land & Building (1000 Sq.mt.)	Rs. 1.70 Cr.
Plant & Machinery	Rs. 75 Lacs
Total Capital Investment	Rs. 4.42 Cr.
Rate of Return	33%
Break Even Point	47%

## VIRGIN COCONUT OIL [EIRI-1679]

Virgin coconut oil (VCO) extracted from fresh coconut meat without chemical processes is said to be the mother of all oils. It is rich in medium chain fatty acids, particularly lauric acid and is a treasure trove of minerals, vitamins, antioxidants and is an excellent nutraceutical. It has about 50% lauric acids, having qualities similar to mother's milk thus confirming its disease-fighting ability, Where lauric acid enters human body its get converted to Monolaurin which has the ability to enhance immunity. Several studies have confirmed that this compound has the ability to kill viruses including herpes and numerous other bacteria. Its antiviral effect has the ability to considerably reduce the viral load of HIV patients. VCO is not subjected to high temperatures, solvents or refinement procedures and therefore retains the fresh scent and taste of coconuts. It is rich in vitamin E, is non-greasy, non-staining and is widely used in soaps, lotions, creams and lip balms. The health benefits of VCO are second to none; ranging from speeding up body metabolic system and providing immunity against a horde of commonly prevalent diseases.

### Cost Estimation

Plant Capacity	1000 Ltrs./Day
Land & Building (4000 Sq.mt.)	Rs. 1.59 Cr.
Plant & Machinery	Rs. 80 Lacs

W.C. for 3 Months	Rs. 1.58 Cr.
Total Capital Investment	Rs. 4.09 Cr.
Rate of Return	44%
Break Even Point	41%

## BREAD PLANT [EIRI-1680]

Modern Days are changes with the advance of scientific discovery. Due to the scarcity of time now human beings changes their food habits. No body can pay much more time for their preparation of food, every body wants to get ready made fresh food, such that human being can save their time. They do not want to loss their valuable time in the preparation of daily food. By this thining now a Days these different kind of food materials developed, like instant tea, instant coffee, instant milk, instant rice etc. On the above point of view bakery products are cheaper, largely accepted ready made food. Now the advancement of age use of bakery foods will gradually increases and utilization will be around the proportional of certain percentage of population increase.

### Cost Estimation

Plant Capacity	15,000 LOA/Day
Land & Building (4000 Sq.mt.)	Rs. 4.71 Cr.
Plant & Machinery	Rs. 84 Lacs
W.C. for 2 Months	Rs. 80 Lacs
Total Capital Investment	Rs. 6.66 Cr.
Rate of Return	29%
Break Even Point	48%

## PROTEIN FROM SOYABEAN [EIRI-1681]

Oilseeds constitute some of the most concentrated foms of food in nature and contain fairly large quantities of protein besides the oil. Among the different constituents of the seed, only the oil has so far been considered of value for human consumption and the oil cake residues left behind after extraction have been used mainly as live-stock feed and manure. Scientific research conducted during the past few decades in this country and elsewhere has shown that the oilseed meal, if properly prepared and processed, can serve as a valuable protein supplement to human dietaries and that the proteins isolated from oilseed meals are likely to find extensive use in specialised food preparations suitable for feeding infants and children. Isolated vegetable proteins have certain advantages over the parent raw materials in that the are free from: (1) insoluble and indigestible carbohydrates which may swell and interfere in the digestion and utilation of protein particularly in children, (2) odoriferous and bitter principles present in the natural materials which may affect their polatability and (3) trypsin inhibitors, phytates etc., which may affect adversely thier nutritive value. Soyabean protein isolates are the only vegetable proteins that are widely used in imitation dairy products. There has been much research to develop improved soyabean protein isoltes with goods functional properties and imported flavour. Most isoltes are derived from isoelectric precipitation so that the soyabean protein isolates have properties that

are similar to those of casein in that they are insoluble at their isoelectric point have a relatively high proportion of hydrophoric amino acid residues and are calcium sensitive. They differ from casein in that they are heat denaturable and thus heat labile.

### Cost Estimation

Plant Capacity	50 MT/Day
Land & Building (20,000 Sq.mt.)	Rs. 9.80 Cr.
Plant & Machinery	Rs. 8.50 Cr.
W.C. for 1 Months	Rs. 13.23 Cr.
Total Capital Investment	Rs. 32 Cr.
Rate of Return	45%
Break Even Point	37%

## ESSENTIAL OILS MANUFACTURING [EIRI-1682]

Importance of using super critical fluid in extraction of essential oils from flower, herbs and spices. In modern times interest is growing in solvents that are high pressure intermediate density super critical fluids. The solvent power of such fluids can be changed by varying the density and less energy is required to separate solute from solvent than with conventional vaporization of liquids.

### Cost Estimation

Land & Building (2 Acres)	Rs. 4.90 Cr.
Plant & Machinery	Rs. 2.50 Cr.
W.C. for 3 Months	Rs. 6.83 Cr.
Total Capital Investment	Rs. 14.51 Cr.
Rate of Return	58%
Break Even Point	29%

## EUCALYPTUS TREE PLANTATION [EIRI-1683]

Because of their astonishing growth characterization, climatic adaptability and usefulness, Eucalyptus are increasingly being regarded as an important tree for man's exploitation. Several species occur naturally in the land mass of Papua, New guinea and in the Ice Lands of eastern parts of Indonesia, the Filipinos, Australia and Astro-Malyan region. The genus Eucalyptus was first described and named by the Prencn botanist L Hertitier in 1788. By 1800 A.D. about 19 species of Eucalyptus had been named. This increased to 28 in 1820 and 149 by 1860. In 1934 W.F. Elakely published a "Key to the Eucalyptus" in which he described 500 species and 138 varieties. For several years, thereafter, the discussion about ability of Eucalyptus to hybridize continued. But, now information's are available about Eucalyptus which are likely to hybridize continued. But, now information are available about Eucalyptus which are likely to hybridize and those between which hybridization is impossible. L.Hertitier into seven subheners. Eucalyptus have the ability to colonise bare ground without shelter. Lignotubers enable the Eucalyptuc to survive adverse biotic and climatic conditions. Eucalyptucs plantations occupy more than four million hectares in 58 countries.

### Cost Estimation

Land & Building (6 Heactare)	Rs. 18.75 Lacs
Plant & Machinery	Rs. 12.75 Lacs
Total Capital Investment	Rs. 1.25 Cr.

# 54

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36. PUTTY AND WATER PROOFING PAINT
37. PHENOL FORMALDEHYDE RESIN
38. POLY AMIDE RESIN
39. REFRACTORY PAINT (GRAPHITE BASED)
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45. TEXTURE PAINTS
46. THINNERS
47. THINNERS (ETHYL ALCOHOL BASED)
48. THINNERS (WHITE SPIRIT BASED)
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## LEATHER SHOES & SYNTHETIC SANDALS [EIRI-1684]

The footwear sector is a very significant segment of the leather industry in India; rather it is the engine of growth for the entire Indian leather industry. India is the second largest global producer of footwear after China, accounting for 13% of global footwear production of 16 billion pairs. India produces 2065 million pairs of different categories of footwear (leather footwear - 909 million pairs, leather shoe uppers - 100 million pairs and non-leather footwear - 1056 million pairs). India exports about 115 million pairs. Thus, nearly 95% of its production goes to meet its own domestic demand. The major production centers in India are Chennai, Ranipet, Ambur in Tamil Nadu, Mumbai in Maharashtra, Kanpur in U.P., Jalandhar in Punjab, Agra, Delhi, Karnal, Ludhiana, Sonapat, Faridabad, Pune, Kolkata, Calicut and Ernakulam. About 1.10 million are engaged in the footwear manufacturing industry.

**Cost Estimation**

Plant Capacity	1000 Pairs/Day
Land & Building (1000 Sq.mt.)	Rs. 1.45 Cr.
Plant & Machinery	Rs. 50 Lacs
W.C. for 2 Months	Rs. 1.02 Cr.
Total Capital Investment	Rs. 3.06 Cr.
Rate of Return	49%
Break Even Point	41%

## ACTIVATED CARBON FROM COCONUT SHELL [EIRI-1685]

Carbon is probably the most widely distributed element in nature. It occurs in two allotropic crystalline forms viz. graphite (hexagonal system) and diamond (isomeric system), the former is soft and black while diamond is hard and transparent. Charcoal, coke and carbon black, classified as amorphous carbon; are considered by some to represent a third allotropic form. They are said to be composed of very minute crystals of graphite by others. Carbon is an essential constituent of all vegetable and animal matter in which it occurs in combination with hydrogen, nitrogen, oxygen and other elements in immense variety of compounds. In combination with hydrogen it occurs as hydrocarbons in petroleum. It is also found in carbon dioxide in air (0.03% as sodium bicarbonate in sea water, and as calcium and magnesium carbonate in sedimentary rocks such as chalk and dolomite).

**Cost Estimation**

Plant Capacity	14 MT./Day
Land & Building (1.5 Acres)	Rs. 3.50 Cr.
Plant & Machinery	Rs. 2.50 Cr.
W.C. for 2 Months	Rs. 2.46 Cr.
Total Capital Investment	Rs. 8.63 Cr.
Rate of Return	30%
Break Even Point	54%

## SEA FOOD PROCESSING INDUSTRY [EIRI-1686]

Seafood industry plays a significant role in the economic and social wellbeing of nations, as

well as in the feeding of a significant part of the world's population. Fishing and fish farming has emerged as one of the major food processing occupations of mankind. In ancient times, economically and socially backward people were employed in this profession. The advent of modern mechanized fishing vessels has brought vast changes in the attitude of the public fishing and seafood processing. From low income and socially backward communities the profession has shifted to the hands of industrialists and technologists. ToDay fishing and processing activities provide employment to millions of people around the world.

**Cost Estimation**

Plant Capacity	20 MT/Day
Land & Building (3 Acres)	Rs. 7.30 Cr.
Plant & Machinery	Rs. 9 Cr.
W.C. for 1 Month	Rs. 16.33 Cr.
Total Capital Investment	Rs. 33.47 Cr.
Rate of Return	38%
Break Even Point	40%

## GINGER & GARLIC PASTE [EIRI-1687]

Garlic & Ginger paste are very versatile products which are used extensively in Food Industries. Garlic is one of the important species coming into Allium group, whose botanical name is A. Sativum. A hardy perennial, c60 cm in height, native to Central Asia and cultivated all over India. Bulbs made up of cloves; leaves long, flat, acute, sheathing the lower half of stem; scape slender, smooth, shining, spathe long, beaked, enclosing heads bearing solid bulbils; flowers small, white, prolonged into leafy points.

**Cost Estimation**

Plant Capacity	333.33 Kg./Day
Land & Building (800 Sq.mt.)	Rs. 63.43 Cr.
Plant & Machinery	Rs. 15 Lacs
W.C. for 1 Month	Rs. 17 Lacs
Total Capital Investment	Rs. 97.77 Cr.
Rate of Return	31%
Break Even Point	56%

## HONEYCOMB PAPER PALLETS [EIRI-1688]

Honeycomb is a packaging material consisting of Kraft paper formed into continuous uniform hexagonal cell. It is then glued with facing materials to form a rigid board. The lightweight and flexible design possibilities of honeycomb made the product an environmentally friendly and competitive alternative product. Due to its manifold benefits, Honeycomb paper pallets has gained wide acceptance in Japan, China, Korea, United States, Saudi Arabia, Middle East and Europe.

**Cost Estimation**

Plant Capacity	1000 Nos./Day
Land & Building (2000 Sq.mt.)	Rs. 2.80 Cr.
Plant & Machinery	Rs. 1.60 Cr.
W.C. for 3 Months	Rs. 3.74 Cr.
Total Capital Investment	Rs. 8.31 Cr.
Rate of Return	35%
Break Even Point	41%

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## BLEACHING & DYEING OF TEXTILES IN THE HOSIERY INDUSTRY [EIRI-1689]

The bleaching of the textile is done to bring the whiteness and finishing in the fabric where as dyeing for various shades. The art lies in colouring the textiles in such a manner that the colour may be fast or may not ordinarily be removed by such operations as washing, rubbing, sunlight etc. to which the textile are usually subjected. The art of dyeing is a branch of applied chemistry in which a severe use of both physical and chemical principle is made in order to bring about a permanent union between the dyes and the fibres.

### Cost Estimation

Plant Capacity	5 MT./Day
Land & Building (4000 Sq.mt.)	Rs. 2.10 Cr.
Plant & Machinery	Rs. 55 Lac
W.C. for 3 Months	Rs. 64 Lac
Total Capital Investment	Rs. 3.34 Cr.
Rate of Return	44%
Break Even Point	42%

## BALL POINT PEN, REFILLS AND INK [EIRI-1690]

In recent years ball point pens are becoming more and more popular from top executives to school going boys. The prices are very economical in comparison with fountain pens. The ball pen refill is being stocked by big stationery merchants, general merchants and road side small shops. The demand is picking up every Day. Ball pens are manufactured generally from plastic in different varieties with demand of different classes of people. Majority of people in India like medium class Ball pens. Writing stationery in used today include such writing tools as fountain pens, ball pens etc. Now-a-Days ball pens are more convenient and popular because these are most suitable and preferred by all to make duplicate or triplicate copies of bills etc. The main part of ball point pen is refills which are made of high viscous liquid.

### Cost Estimation

Plant Capacity	8000 NOS/Day
Land & Building (400 Sq.mt.)	Rs. 30.50 Lac
Plant & Machinery	Rs. 3 Lac
W.C. for 1 Month	Rs. 3.88 Lac
Total Capital Investment	Rs. 37.92 Lac
Rate of Return	46%
Break Even Point	43%

## INTERLOCKING CONCRETE BLOCK [EIRI-1691]

Interlocking Concrete Block Pavement (ICBP) has been extensively used in a number of countries for quite sometime as a specialized problem-solving technique for providing pavement in areas where conventional types of construction are less durable due to many operational and environmental constraints. ICBP technology has been introduced in India in construction, a decade ago, for specific requirement viz. footpaths, parking areas etc. but now being adopted extensively in different

uses where the conventional construction of pavement using hot bituminous mix or cement concrete technology is not feasible or desirable. The paper dwells upon material, construction and laying of concrete block pavement as a new approach in construction of pavement using Interlocking Concrete Paver Blocks.

### Cost Estimation

Plant Capacity	1,00,000 Nos/Day
Land & Building (4000 Sq.mt.)	Rs. 1.39 Cr.
Plant & Machinery	Rs. 1.67 Cr.
W.C. for 2 Months	Rs. 3.23 Cr.
Total Capital Investment	Rs. 6.43 Cr.
Rate of Return	69%
Break Even Point	33%

## UREA FERTILIZER PLANT [EIRI-1692]

All living beings requires certain essential nutrition for its survival & growth. Plants & other vegetation are no doubt living beings & thus, they also requires certain foods to grow. The fertilizers are that materials which are added to the soil, to supply nutrients for the survival & formal growth of plants. The fertilizers promote growth of plants. The fertilizers promote their growth fruitfully. The elements that constitute these essential plant foods are as follows:- (i) Nitrogen, (ii) Phosphorous, (iii) Potassium, (iv) Calcium, (v) Magnesium, (vi) Sulfur, (vii) Iron, (viii) Manganese, (ix) Copper, (x) Zinc, (xi) Boron, (xii) Molybdenum.

### Cost Estimation

Plant Capacity	50 MT/Day
Land & Building (10 Acres)	Rs. 21.50 Cr.
Plant & Machinery	Rs. 37.50 Cr.
W.C. for 3 Months	Rs. 8.38 Cr.
Total Capital Investment	Rs. 71.23 Cr.
Rate of Return	14%
Break Even Point	70%

## DRY MORTAR MIX [EIRI-1693]

Dry Mortar Mix is gaining eminence in modern times owing to its versatile superiority in regard to characteristics over the conventional in-situ mortars viz. better performance easy to uses easy to set and the quality of leaving no cracks and voids. Besides it has preferably better and wider field of application as patching & repairing materials for plastering purposes and other construction works viz. internal/external plastering masonry work etc. It is a very good substitute for conventional in-situ mortars. Various types of Ready mix dry mortar comprise internal plaster mortar, external plaster mortar masonry mortar, quick setting mortar high strength mortar repair mortar self leaving flooring mortar pre-mix RCC mortar etc.

### Cost Estimation

Plant Capacity	25 Days/Month
Land & Building (20,000 Sq.mt.)	Rs. 9.80 Cr.
Plant & Machinery	Rs. 11.50 Cr.
W.C. for 1 Month	Rs. 3.96 Cr.
Total Capital Investment	Rs. 25.74 Cr.
Rate of Return	31%
Break Even Point	49%

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## RICE FLAKES, CORN FLAKES, & WHEAT FLAKES [EIRI-1694]

Breakfast is one of the most important meals of the Day as it replenishes our body's energy after an all-night fast. A healthy breakfast significantly improves mental and physical performance of both children & adults. Essentially Breakfast should be low in fat, cholesterol and high in vitamins & minerals.

### Cost Estimation

Plant Capacity	6.60 Ton./Day
Land & Building (3500 Sq.mt.)	Rs. 1.27 Cr.
Plant & Machinery	Rs. 1.47 Cr.
Total Capital Investment	Rs. 1.19 Cr.
Rate of Return	25%
Break Even Point	56%

# Start Your Own Industry

## ALUMINIUM PRESSURE DIE CASTING [EIRI-1695]

Die casting is a popular manufacturing process for casting metal products. There are two main die casting process types and several variations in process design. When molten metal is forced into mold cavities at high pressure, it is known as die casting. The process is best suited for speedy production of bulk metallic parts that require minimal post-production machining. Die Casting is the shortest route from molten metal to the finished product. Zinc die casting process is one of the most versatile, economic and rapid methods available for manufacture of metal components. Generally for most of the metal components, there are several possible production methods but in the case of Zinc, the die casting process is the most well established route by now. It is also the well accepted method to produce a large volume of cast products. Though other production methods as well as competing materials do pose some threats, zinc die casting will continue to maintain its shares especially in the non -automotive segments like electrical, appliance etc., and also make inroads into newer markets such as construction, electronics etc.

## CHELATED ZINC EDTA & CHELATED COPPER EDTA [EIRI-1696]

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	3 MT/Day
Land & Building (1500 Sq.mt.)	Rs. 2.13 Cr.
Plant & Machinery	Rs. 80 Lacs
W.C. for 1 Month	Rs. 1.63 Cr.
Total Capital Investment	Rs. 4.65 Cr.
Rate of Return	42%
Break Even Point	38%

## POLYURETHANE RIGID FOAMS (CONTINUOUS AND DISCONTINUOUS SANDWICH PANEL) [EIRI-1697]

The polyurethane foam world is very large and diverse - chances are good you are sitting on some kind of flexible polyurethane foam right now - but the useful products for composite-

core applications are rigid foams. The term "rigid polyurethane foam" comprises two polymer types: Polyisocyanurate formulations, and polyurethane formulas. There are distinct differences between the two, both in the manner in which they are produced, and in the performance of the results.

### Cost Estimation

Plant Capacity	2000 KGS/Day
Land & Building (2 Acres)	Rs. 3.31 Cr.
Plant & Machinery	Rs. 1.30 Cr.
W.C. for 3 Months	Rs. 2.28 Cr.
Total Capital Investment	Rs. 7.08 Cr.
Rate of Return	53%
Break Even Point	33%

## AYURVEDIC COLLEGE WITH HOSPITAL [EIRI-1698]

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 humoral medical system, diseases are understood as an imbalance between the body's three humors, Vata (nerve energy), Pitta (catabolic fire energy) and Kapha (anabolic nutritive energy). Natural herbs and minerals are used for preparing medicines. Apart from herbs, purification and detoxification, dietary changes, body massages and meditation are used to promote health and prevent and treat illness. Ayurvedic medicines are rapidly gaining acceptance all over the world as they have no side effects and is found to have cures for even rare ailments. Check out the link Ayurveda to know more about the system. In the year 1978, CCRIMH was split into four separate councils, one each for Ayurveda & Siddha, Unani, Yoga & Naturopathy and Homoeopathy. The Central Council for Research in Ayurveda & Siddha, an autonomous organization formed under the Ministry of Health & Family Welfare, is engaged in research in various fundamental & applied aspects of Ayurveda. EIRI have recently prepared the Detailed Project Report.

### Cost Estimation

Plant Cap.	3000 Samples Testing/Annum
Land & Building (5 Acres)	Rs. 21.46 Cr.
Plant & Machinery	Rs. 1.73 Cr.
W.C. for 3 Months	Rs. 17 Lacs
Total Capital Investment	Rs. 23.78 Cr.
Rate of Return	17%
Break Even Point	60%

## FAST FOOD RESTAURANT [EIRI-1699]

A fast food restaurant, also known as a quick service restaurant (QSR) within the industry, is a specific type of restaurant characterized both by its fast food cuisine and by minimal table service. Food served in fast food restaurants typically caters to a "meat-sweet diet" and is offered from a limited menu; is cooked in bulk in advance and kept hot; is finished and packaged to order; and is usually available ready to take away, though seating may be provided. Fast food restaurants are typically part of a restaurant chain or franchise operation, which provisions standardized ingredients and/or partially prepared foods and supplies to each restaurant through controlled supply channels. The term "fast food" was recognized in a dictionary by Merriam-Webster in 1951. Arguably, the first fast food restaurants originated in the United States with A&W in 1919 and White Castle in 1921. ToDay, American-founded fast food chains such as McDonald's and KFC are multinational corporations with outlets across the globe.

### Cost Estimation

Land & Building (2000 Sq.Ft)	On Rent Basis
Plant & Machinery	Rs. 7.18 Lacs
W.C. for 1 Month	Rs. 5.8 Lacs
Total Capital Investment	Rs. 19.26 Lacs
Rate of Return	76%
Break Even Point	59%

## PAN MASALA AND CHEWING TOBACCO [EIRI-1700]

Pan masala tobacco is the refined tobacco with catechu, chuna, flavouring agents and perfumery compounds etc. It refreshes the mouth and gives the feeling of cold in throat when taken in small amount. Panmasala tobacco is chewed either with pan or directly without any other thing. Zarda of various grades, specified by different numbers, constitutes different proportions of zarda in tobacco. The higher the grade number of zarda panmasala, the higher it will contain zarda content. Zarda if taken in high dose is injurious to health and gives the feeling of laziness and unconsciousness. Kimam is the sweetened masala, usually taken by peoples who are not in regular routine of chewing tobacco. It is generally a mouth freshener and believed to increase appetite by improving digestion system.

### Cost Estimation

Plant Capacity	650 KGS/Day
Land & Building (1200 Sq.Mt.)	Rs. 1.97 Cr.
Plant & Machinery	Rs. 38 Lacs
W.C. for 3 Months	Rs. 2.53 Cr.
Total Capital Investment	Rs. 5.09 Cr.
Rate of Return	50%
Break Even Point	36%

## Patrons, deposit amount in EIRI Account

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# Top Industries to Start

## CORN CHIPS [EIRI-1701]

A corn chip is a snack food made from cornmeal fried in oil or baked, usually in the shape of a small noodle or scoop. Corn chips are thick, rigid and very crunchy. Corn chips have the strong aroma and flavor of roasted corn, and are often heavily dusted with salt. In the US, Fritos is one of the oldest and most widely recognized brands of corn chips. While corn chips and tortilla chips are both made from corn, the corn in tortilla chips is subjected to the nixtamalization process, resulting in a milder flavor and aroma, and a less rigid texture. Tortilla chips also tend to be larger, thinner, and less salty than corn chips. Corn chips are usually eaten alone or with a chip dip. They are a common ingredient in homemade and commercial party mix. In the Southwestern US, a popular dish, Frito pie, is made with corn chips and chili. In some areas, it is popular to pour the chili into a bag of corn chips and eat the mixture directly from the bag.

### Cost Estimation

Plant Capacity	2 MT/Day
Land & Building (1200 Sq.mt.)	Rs. 1.67 Cr.
Plant & Machinery	Rs. 1.10 Cr.
W.C. for 3 Months	Rs. 84.41 Lacs
Total Capital Investment	Rs. 3.72 Cr.
Rate of Return	48%
Break Even Point	39%

## MONO CALCIUM PHOSPHATE (ANIMAL FEED GRADE -IP GRADE) [EIRI-1702]

Inorganic feed phosphates (IFP) are inorganic salts of phosphoric acid. The use of inorganic feed phosphates is necessary to meet the phosphorus requirements for animal production: to ensure optimal growth, fertility and bone development. Feed phosphates are of great importance among the feed materials produced for intensification of livestock farming. They are produced and applied in relatively large quantities, although for several years, both their production and use were often characterized by an unfavorable opinion resulting from the potentially adverse impact on the environment.

### Cost Estimation

Plant Capacity	20 TON/Day
Land & Building (10,000 Sq.mt.)	Rs. 8.96 Cr.
Plant & Machinery	Rs. 4.56 Cr.
W.C. for 2 Months	Rs. 5.76 Cr.
Total Capital Investment	Rs. 20.38 Cr.
Rate of Return	23%
Break Even Point	52%

## GOLD POTASSIUM CYANIDE (GPC) BY ALKALI METHOD [EIRI-1703]

Gold is normally electro deposited from a solution containing essentially a double cyanide of Gold and an alkali metal, additional alkali cyanide (free cyanide) and other alkaline compounds. This solution is usually produced from gold potassium cyanide or sometimes from gold cyanide or gold potassium cyanide.

For electro-plating process anodes used are usually that stainless steel (alkaline process), platinized titanium or carbon (acid process) or gold (acid and alkaline process).

### Cost Estimation

Plant Capacity	250 gm./Day
Land & Building (400 Sq.mt.)	Rs. 54 Lacs
Plant & Machinery	Rs. 20 Lacs
W.C. for 1 Month	Rs. 1.26 Cr.
Total Capital Investment	Rs. 2.02 Cr.
Rate of Return	49%
Break Even Point	32%

## PARTICLE BOARD FROM BAGASSE AND RICE HUSK [EIRI-1704]

Development of particle and fibre board has been consequential to man's quest for optimum utilization of timber and wood wastes which earlier were used mainly as fuel. Initial development of particle board took place in Germany during the Second World War when its timber supplies were practically cut-off from the supplying countries. Particle board plants were set up in postwar West Germany to meet the demand for reconstruction. In the fifties particle board manufacturing plants were set up in Europe and USA. The industry has now developed throughout the world. The origin of fibre board can be traced back to the beginning of 20th century in England and USA. It received a fillip in 1934 as a Swedish engineer developed the defibrator process or thermo mechanical pulping process. This led to the development of modern medium density fibre board industry. First MDF plant was set up in USA in 1966. Other products in the category of reconstituted panel are insulation board, wafer board, oriented strand board etc.

### Cost Estimation

Plant Capacity	100 CUBIC METER/Day
Land & Building (1 Acre)	Rs. 2.25 Cr.
Plant & Machinery	Rs. 7.10 Cr.
W.C. for 3 Months	Rs. 1.19 Cr.
Total Capital Investment	Rs. 10.81 Cr.
Rate of Return	25%
Break Even Point	59%

## POWER TRANSFORMER (50 KVA TO 2000 KVA)

Over the past hundred years Transformers have played a major role in the growth of almost all industries in the world. The foundation for the ideal of a "Transformer" was laid by Micheal Faraday in the year 1931. While at that time these transformers were having moving parts the present day Transformer is basically a "Static" device in the sense that they do not have any moving parts that are continuously in motion. Due to continuous efforts of physicists and engineers in the past year, Transformers, under went many changes, to keep pace with the rapid growth of electrical industries. Now there exists a variety of transformers each differing from the other in its operation, construction, size and applications. The transformers is a device that transfers electricity or energy from one electric circuit to another

without change of frequency and usually, but not always, with a change in voltage.

### Cost Estimation

Plant Capacity	408 Nos./Annum
Land & Building (5000 sq.mt.)	US\$ 5 Lacs
Plant & Machinery	US\$ 49 Th.
W.C. for 2 Months	US\$ 3 Lacs
Total Capital Investment	US\$ 9 Lacs
Rate of Return	27%
Break Even Point	69%

## CATTLE FEED PELLETS PLANT FOR COW & BUFFALO FOR BOOSTING MILK & GROWTH

India possesses an enormous cattle (180 million) and buffalo (61 million) population but the annual milk production has reached only about 30 million tonnes. The low milk production is primarily due to the poor potential of the animal and the lack of adequate nutrition. For the fullest exploitation of their genetic potentialities, better feeding must go hand in hand with better breeding. The principal feed resources for animal consumption in the country are crop residues like straws of wheat, rice and other cereals and stovers which are very poor in feed value. Even these are in short supply. These are supplemented to some extent by relatively better quality fodders like cultivated leguminous and non leguminous fodder grasses and concentrates.

### Cost Estimation

Plant Capacity	1200 Kgs./Day
Land & Building (200 sq.mt.)	Rs. 3.50 Lacs
Plant & Machinery	Rs. 2.30 Lacs
Total Capital Investment	Rs. 9.25 Lacs
Rate of Return	64%
Break Even Point	65%

## BIODEGRADABLE/ COMPOSTABLE PLASTICS

For the last few decades, the usage of plastic increased because of its specific properties such as low cost, light weight, high strength, non-biodegradability, durability, non corrosive nature, process ability and high energy effectiveness. Hence these plastics can be used for various application which includes household articles to aeronautic sector. Now a day it's difficult to imagine a life without plastic which are mostly derived from crude oils and natural gas. Among the various polymers, polyethylene, polypropylene and polystyrene are used greatly for food packaging, biomedical field and in agriculture.

### Cost Estimation

Plant Capacity	5 MT./Day
Land & Building (1500 sq.mt.)	Rs. 1.53 Cr.
Plant & Machinery	Rs. 1.44 Cr.
Total Capital Investment	Rs. 9.85 Cr.
Rate of Return	67%
Break Even Point	29%

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## Best Industries to Start and Grow

### ACRYLIC COPOLYMER EMULSION

Acrylic emulsion polymers are used in large volumes as coatings finishes and binders for leather, inks and paper, as exterior and interior coatings in home and industry and as adhesive, laminates, elastomers, plasticizers and floor polishes. Part success and future potential stems from their inherent stability, durability pigment binding characteristics and copolymerization versatility. From this broad range, the synthesis chemist can tailor polymers composition and structure to meet customer application.

#### Cost Estimation

Plant Capacity	5000 Kgs./Day
Land & Building (1500 sq.mt.)	Rs. 1.53 Cr.
Plant & Machinery	Rs. 1.94 Cr.
W.C. for 2 Months	Rs. 1.49 Cr.
Total Capital Investment	Rs. 5.30 Cr.
Rate of Return	64%
Break Even Point	35%

### BABY NIPPLE

Silicon rubbers have been produced commercially for above 25 years the first patent being applied for in 1944. Their high cost of manufacture, the initial difficulty of achieving good physical properties and the need for special techniques were probably responsible for their technical and commercial development being, for the rubber industry on unorthodox lines. The producers did not offer the raw polymers to the rubber processor to compound himself, but rather formulated, and supplied ready - mixed materials requiring only forming, by one of the usual processes, and vulcanizing.

#### Cost Estimation

Plant Capacity	12500 Nos./Day
Land & Building (500 sq.mt.)	Rs. 41 Lacs
Plant & Machinery	Rs. 24 Lacs
Total Capital Investment	Rs. 95 Lacs
Rate of Return	52%
Break Even Point	47%

### GUTKA MANUFACTURING

Gutka is now-a-days a very common mouth freshener. Generally it is taken by the people of all age groups. Increasing liking of people for Gutka has made its common use. Gutka is the refined tobacco with cathaeu, chuna, flavouring agents and perfumery compounds etc. It refreshes the mouth and gives the feeling of cold in throat when taken in small amount. Gutka is chewed either with pan or directly without any other thing. Tobacco of various grades, specified by different numbers, constitutes different proportions. The higher the grade of gutkha the higher it will contain tobacco content. No variety is grown to any appreciable extent.

#### Cost Estimation

Plant Capacity	200 Kgs./Day
Land & Building (350 sq.mt.)	Rs. 30 Lac
Plant & Machinery	Rs. 6 Lac
Total Capital Investment	Rs. 65 Lac
Rate of Return	61%
Break Even Point	65%

### CONFECTIONERY INDUSTRY- SEMI AUTOMATIC PLANT (TOFFEE, CANDY, CHEWING GUM, BUBBLE GUM ETC.)

Confectionery or sweetmeats are preserved edible delicacies consisting of a solid or crystalline phase and a liquid or non-crystalline phase the relative proportion of which determine the type of confectionery. The principal types of confectionery are hand boiled goods, caramel and toffee, ratin goods, comfits or draggees and lozenges. Sugar is the principal ingredient of confectionery. There are about 50 important confectionery factories in the country.

#### Cost Estimation

Plant Capacity	1400 Kgs./Day
Land & Building (1100 sq.mt.)	Rs. 69 Lacs
Plant & Machinery	Rs. 52 Lacs
Total Capital Investment	Rs. 2.16 Cr.
Rate of Return	19%
Break Even Point	66%

### KATHA & KUTCH

Katha and cutch are produced from the heart wood of Acacia catechu. It is a common tree found in the tropical deciduous and thorn forests of India. Katha is mainly used in betel leaf (Pan) as masticatory and valued for its catechin content. Cutch the bye product of Katha industry is largely used for dyeing, colouring pulp in paper industry, water softening and in deep oil drilling operations. Katha is obtained mostly by crystallization in cold from the Katha and cutch are produced from the heart wood of Acacia water extractives of the heartwood of Acacia catechu Willd., fam.

#### Cost Estimation

Plant Capacity	2 Ton./Day
Land & Building (10,000 sq.mt.)	Rs. 2.62 Cr.
Plant & Machinery	Rs. 1.26 Cr.
Total Capital Investment	Rs. 4.86 Cr.
Rate of Return	46%
Break Even Point	39%

### PACKAGING OF PROCESSED MAKHANA

Packaged Processed Makhana have got tremendous demand in India and Abroad. These are food products having no historical background & becomes in market and in social & cultural synonym as the society became more advanced. The main raw materials for these products are Raw Makhana, Refined Oil, Salt, Flavours and assorted Spices. The raw material are frequency available in India in Darbhanga in Bihar and in surrounding area. This food products get abroad market in foreign countries in Central and South America, European Countries and African Countries.

#### Cost Estimation

Plant Capacity	200 Kgs./Day
Land & Building (5000 sq.ft.)	Rs. 46 Lacs
Plant & Machinery	Rs. 21 Lacs
W.C. for 3 Months	Rs. 72 Lacs
Total Capital Investment	Rs. 1.47 Cr.
Rate of Return	71%
Break Even Point	32%

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# Start Your Own Industry

## **KRAFT PAPER FROM WASTE PAPER**

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 lignin content. Most ideal raw materials for paper products is bamboo. Other sources are bagasse and hardwoods like jute stick must be developed and good quality paper pulp made by blending with bamboo fibre.

### **Cost Estimation**

Plant Capacity	25 MT./Day
Land & Building (15000 sq.mt.)	Rs. 8 Cr.
Plant & Machinery	Rs. 12 Cr.
W.C. for 3 Months	Rs. 5 Cr.
Total Capital Investment	Rs. 27 Cr.
Rate of Return	17%
Break Even Point	70%

## **PRE STRESSED CONCRETE PIPES**

Prestressed Concrete Pipe cater to intermediate pressure range for which the metallic pipes are expensive while RCC pipes would not be suitable. The strength of a P.S.C pipe is achieved by helically binding high tensile steel wire under tension around a concrete core there by putting the core into compression. When the pipe is pressurised the stresses induced relieve the compressive stress but they are not sufficient to subject the core to tensile stresses. The prestressing wire is protected against corrosion by a surround of cementitious cover coat giving at least 25mm of cover. P.S.C competes economically with steel for pipe diameters of 600 mm and above.

### **Cost Estimation**

Plant Capacity	60 Nos./Day
Land & Building (2.5 Acres)	Rs. 3 Cr.
Plant & Machinery	Rs. 1.46 Cr.
Total Capital Investment	Rs. 13 Cr.
Rate of Return	47%

## **PHARMACEUTICAL UNIT WITH CHEMICALS, TABLET, CAPSULES, SYRUPS, LOTION ETC.**

The development of Indian Drugs and pharmaceuticals Industry was not commensurate with the size of this country and the growing needs of people, when India embarked on its planned economic expansion industry has been substantial and many sides with the result that it has become one of the leading industries. India is now producing a larger quantity of varied pharmaceuticals products.

### **Cost Estimation**

Land & Building (6000 sq.mt.)	Rs. 5.20 Cr.
Plant & Machinery	Rs. 76 Lacs
W.C. for 2 Months	Rs. 1.10 Cr.
Total Capital Investment	Rs. 7.28 Cr.
Rate of Return	67%
Break Even Point	40%

## **SOLAR MODULES**

As the name, itself suggests solar cell is made from two words, solar & cell. Cell means the device to provide the direct current power supply & Solar means the device operated by the energy received from sun. The Solar Cell is the device which, converts the light energy into the electric energy. Viewing the increasing cost of fuel & coal, pollution produced by the thermal power station operated by either coal or fuel, initial capital investment for nuclear power plant & the difficulties regarding the disposal of nuclear waste, all these power generating sources are very inconvenient & trouble some for near future. One more point which diverts our attention from the thermal power plants, using coal, fuel & atomic energy as energy sources, is its limitation on the earth.

### **Cost Estimation**

Plant Capacity	14 Nos./Day
Land & Building (250 sq.mt.)	Rs. 12 Lacs
Plant & Machinery	Rs. 20 Lacs
W.C. for 3 Months	Rs. 35 Lacs
Total Capital Investment	Rs. 72 Lacs
Rate of Return	25%

## **PECTIN FROM ORANGE PEELS**

Orange peel is separated out and processed for making pectin from (Orange peel is very high in pectin), or the peel can be sold to another business that makes candied peel or marmalade. Here, in this project, The pectin is being manufactured from Orange peels. Pectin is a natural fibre which is used as a thickener in many foods and beverages. Cellulose fibril constituting plant cell wall requires certain other materials for cementing them into definite structural form of plant organs.

### **Cost Estimation**

Plant Capacity	384 Kgs./Day
Land & Building (5000 sq.mt.)	Rs. 2.23 Cr.
Plant & Machinery	Rs. 1.13 Cr.
W.C. for 3 Months	Rs. 1.26 Cr.
Total Capital Investment	Rs. 4.79 Cr.
Rate of Return	36%
Break Even Point	43%

## **G.I. PIPE**

Galvanized iron pipes (G.I. Pipes) are widely used in industry, domestic water supply lines and in many other construction purposes. These pipes play a key role in water supply to the houses. As per requirements they are obtained in various sizes and wall thickness. They are in such versatile use that they can be seen easily every where in industry and residential areas. They are made of mild steel in general and galvanized to protect from corrosion and soil attack because of their best reasonable cost and long life, they are most popular.

### **Cost Estimation**

Plant Capacity	15 Ton./Day
Land & Building (5000 sq.mt.)	Rs. 2.63 Cr.
Plant & Machinery	Rs. 1.30 Cr.
W.C. for 2 Months	Rs. 3.49 Cr.
Total Capital Investment	Rs. 7.66 Cr.
Rate of Return	38%
Break Even Point	52%

## **SILICONE OIL**

Silicone is a man-made chemical that is put to use in a staggering number of industries and applications. It is created by combining the naturally occurring element silicon with carbon, hydrogen, oxygen and various other chemical elements to yield the desired results. It is a valuable product because it offers some high-quality properties that allow it to be used where other products fail. It was first formally discovered in the 1930s, but it was ten years later that it earned the name of silicone and began to be put to use in many commercial applications.

### **Cost Estimation**

Plant Capacity	500 Kgs./Day
Land & Building (1000 sq.mt.)	Rs. 49 Lacs
Plant & Machinery	Rs. 15 Lacs
W.C. for 3 Months	Rs. 60 Lacs
Total Capital Investment	Rs. 1.28 Cr.
Rate of Return	30%

## **GALVANIZING PLANT FOR STRUCTURES (FOR TOWERS)**

Galvanizing plant for structures (for towers) comprising galvanizing angles and channels takes recourse to Hot Dip Galvanizing process, involving pickling, fluxing, spelter & galvanizing. Structural towers are commonly fabricated with four columns, although either eight or twelve columns are sometimes used, for large elevated tanks. The columns of towers are commonly made of two channels, braced top and bottom, with top cover plate and bottom lacing of a built H-section made of plates and angles or a rolled H-section.

### **Cost Estimation**

Plant Capacity	4 MT./Day
Land & Building (2000 sq.mt.)	Rs. 92 Lacs
Plant & Machinery	Rs. 48 Lacs
Total Capital Investment	Rs. 2.56 Cr.
Rate of Return	28%
Break Even Point	53%

## **SANITARY NAPKINS AND BABY DIAPERS (AUTOMATIC IMPORTED PLANT)**

Baby diaper may be a newly developed product for India, where as for European countries it has become a general necessity for newly born child caretaking. It was developed & marketed by a Swedish firm some time in the year 1958. As a matter of fact a diaper is used for wrapping the newly born or pretty young children who have not get developed the fixed routine for making water or latrine. He or she may discharge at any time which creates a lot of trouble to his mother or caretaker. Who has no convenient place or time to attend the baby while for an outing, shopping, going to movies or friends & relatives.

### **Cost Estimation**

Plant Capacity	102500 Pcs./Day
Land & Building (2000 sq.mt.)	Rs. 1.31 Cr.
Plant & Machinery	Rs. 56 Lacs
Total Capital Investment	Rs. 3.05 Cr.
Rate of Return	75%
Break Even Point	40%



# Best Industries to Start and Grow

## EXTRACTION OF APRICOT OIL (CHULLI)

Apricot stones/seeds otherwise thrown as a waste were utilized for extraction of oil for both edible and pharmaceutical purposes. Apricot fruits containing 11.7-22.2% stones with about 32% kernels give an oil yield of 46.1-47.2%.

### Cost Estimation

Plant Capacity	61 Bottles (250g)/Day
Land & Building (250 sq.mt.)	Rented
Plant & Machinery	Rs. 5 Lacs
Total Capital Investment	Rs. 9 Cr.
Rate of Return	134%

## COAL WASHING UNIT

Coal is a combustible solid, usually stratified. It is formed by the burial of partially decomposed vegetable in past geological ages. Detailed Project Report is available @ Rs. 20,000/- with EIIRI. [www.eiriindia.org](http://www.eiriindia.org)

### Cost Estimation (All Fig. in Lacs)

Plant Capacity	4000 MT./Day
Land & Building (7 Acres)	Rs. 470 Lacs
Plant & Machinery	Rs. 1226 Lacs
Total Capital Investment	Rs. 3413 Lacs
Rate of Return	71%
Break Even Point	26%

## CALCIUM CARBONATE (PRECIPITATED & ACTIVATED)

These two forms of calcium carbonate differ in respect of coating which the former does not have and later has. Both the forms of calcium carbonate are being used in various industries as filler or extender, thus assumes crucial importance in chemical and allied industries. PVC Rubber, denitrific, cigarette paper, printing ink, pharmaceutical are some of the calcium carbonate using industries. In this offer we have considered the product mix of Precipitated Grade which could cover very wide range of grades in terms of Particle Size, Shape and Distribution.

### Cost Estimation

Plant Capacity	10 MT./Day
Land & Building (4000 sq.mt.)	Rs. 3 Cr.
Plant & Machinery	Rs. 2 Cr.
Total Capital Investment	Rs. 6 Cr.
Rate of Return	27%
Break Even Point	58%

## B.P.O. AND CALL CENTRE

First of all it is necessary to understand what is outsourcing. Outsourcing encompasses a wide range of services, from a particular project to a technical domain to all activities. A successful outsourcing project is only possible if the outsourcing decision has taken into consideration all known costs and benefits associated with the project. It is also important that the contract be effectively negotiated and managed. Business Process Outsourcing (BPO) is an appropriately

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structured arrangement between an Organization and an Outsourcing supplier to perform services, which were otherwise conducted in-house.

### Cost Estimation

Land & Building (1800 sq.mt.)	Rs. 3.42 Cr.
Plant & Machinery	Rs. 6 Cr.
Total Capital Investment	Rs. 12.61 Cr.
Rate of Return	121%
Break Even Point	39%

## COPPER ROD WIRE DRAWING AND PVC WIRE & CABLES

Copper wire, having higher electrical conductivity, is mostly used in electrical and electronic appliances. Copper wire is having abundant uses such as in household wirings and electric motors. Copper is a high reactive element. It reacts with oxygen and thus oxide layer is formed on the surface and so it is corrosion-resistant. Copper is having good mechanical properties, viz. good malleability and formability which makes fabrication easy, it can be easily welded or soldered. The melting temperature of copper is 10830C hence wires of various copper base alloys can also be drawn.

### Cost Estimation (All Fig. in Lacs)

Plant Capacity	15 Ton./Day
Land & Building (6000 sq.mt.)	Rs. 332 Lacs
Plant & Machinery	Rs. 267 Lacs
W.C. for 3 Months	Rs. 5645 Lacs
Total Capital Investment	Rs. 6280 Lacs
Rate of Return	77%

## METALLIC STEARATE BY PRECIPITATION AND FUSION PROCESS

Stearates of aluminium, calcium, magnesium and zinc are known as driers and metallic soaps. It has long been established that the metal or cation of the metallic soap is the active principle which accelerates the oxidation and polymerization reactions associated with the drying of oils. As many as twenty four metals are known to have activity, but the soaps of cobalt, manganese, lead, iron, calcium, zinc and zirconium account for the major share of present-day-use. Of these cobalt, manganese, lead and iron soaps are the primary driers. Calcium, zinc and zirconium soaps alone do not promote drying. They are useful only in conjunction with one or more of the primary driers and thus are termed auxiliary driers. The organic or a main portions of the metallic soaps used as driers act as carrying and salubilizing agents. Because of their stability, excellent salability and low cost, soaps based on naphthenic acid, tall oil and 2- ethylhexoic acid account for the major portion of the driers in use today.

### Cost Estimation

Plant Capacity	10 MT./Day
Land & Building (3000 sq.mt.)	Rs. 1.38 Cr.
Plant & Machinery	Rs. 70 Lacs
Total Capital Investment	Rs. 6.70 Cr.
Rate of Return	50%
Break Even Point	32%

## COOLANT (ENGINE)

Engine Coolant is a mixture of various types of glycols and highly formulated & researched various corrosive inhibitors. De-mineralized water is mixed with the coolant as per suggestion and used in the engine-radiator cooling system to remove excess heat of engine. The purpose of Coolant is to remove excess heat produced from the engine operation, to control corrosion and scaling, antifreeze and boil over the radiator water.

### Cost Estimation

Plant Capacity	200 Ltr./Day
Land & Building (350 sq.mt.)	Rs. 17 Lacs
Plant & Machinery	Rs. 7 Lacs
Total Capital Investment	Rs. 38 Lacs
Rate of Return	28%

## SCHOOL OF FOREIGN LANGUAGES

Foreign language courses are designed to meet the fundamental objectives of learning Japanese language, namely to obtain the vocabulary and grammar of Japanese, to comprehend Japanese, to communicate in day-to-day social situations, to demonstrate one's interest in Japan - her culture, people and life and to make business contacts and friends.

### Cost Estimation

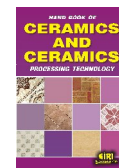
Plant Capacity	13 Class/Day
Land & Building (1000 sq.mt.)	Rs. 51 Lacs
Plant & Machinery	Rs. 50 Lacs
Total Capital Investment	Rs. 1.25 Cr.
Rate of Return	27%

## BOTTLING PLANT (IMFL & COUNTRY LIQUOR) FROM RECTIFIED SPIRIT

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 spirits.

### Cost Estimation

Plant Capacity	1000 Cases/Day
Land & Building (39000 sq.ft.)	Rs. 2.15 Cr.
Plant & Machinery	Rs. 64 Lacs
Total Capital Investment	Rs. 3.88 Cr.
Rate of Return	11%
Break Even Point	69%



Available at : [www.eiri.in](http://www.eiri.in)

## Market Survey Cum Detailed Techno Economic Feasibility Reports



- To get Loan/Finance from Banks/Finacial Institutes.
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- \* Data provided are reliable and uptodate collected from manufacturers/suppliers, plant already commissioned in India.

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### 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 & Equipments, Prices of 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 PETROLEUM (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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 working over 35 years  
 and specialized to  
 prepare all types of  
**Detailed Project Reports**  
 based on  
 clients requirements.  
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[eiritechnology@gmail.com](mailto:eiritechnology@gmail.com)

## Highly Profitable Projects for New Entrepreneurs “EIRI Market Survey Cum Detailed Techno Economic Feasibility Reports”

<ul style="list-style-type: none"> <li>* STEEL FABRICATION</li> <li>* STEEL ROLLING MILL (REINFORCEMENT BAR)</li> <li>* ACRYLIC BATH TUB BY ACRYLIC SHEET</li> <li>* FABRICATION OF HEAT EXCHANGER</li> <li>* KITCHEN PRODUCTS MADE OF STAINLESS STEEL</li> <li>* ALUMINIUM BEVERAGE CAN</li> <li>* STEEL ROLLING MILL (BY INDUCTION FURNACE FROM STEEL SCRAP &amp; SPONG IRON</li> <li>* M.S. BILLET CASTING WITH INDUCTION FURNACE FROM STEEL SCRAP &amp; SPONGE IRON</li> <li>* PROCESSING OF LOW GRADE TUNGSTEN ORE FULL BODY &amp; CHASSISS BUS PLANT</li> <li>* ASSEMBLY OF AIR – CONDITIONER/CHEST FREEZER/REFRIGERATOR</li> <li>* G.I.LADDER &amp; PERFORATED TRAYS</li> <li>* ALUMINIUM DOORS &amp; WINDOWS (ALUMINIUM FABRICATION)</li> <li>* LEAF SPRINGS FOR TRACTOR DRAWN TROLLEYS &amp; FOUR WHEELER TEMPOS</li> <li>* STEEL BRIGHT BARS</li> <li>* AUTOMOTIVE ENGINE VALVE</li> <li>* AUTOMOTIVE BRAKING SYSTEM</li> <li>* DISPLAY COOLER</li> <li>* ERW STEEL PIPES &amp; TUBES</li> <li>* STEEL INGOTS</li> <li>* TMT STEEL BARS (SARIYA)</li> <li>* AUTOMOBILE TRACTORS</li> <li>* ACTIVATED ALUMINA BALLS</li> <li>* ALUMINIUM FOIL</li> <li>* STONWARE PIPE (S.W.PIPE)/ CLAY PIPE</li> <li>* IRON ORE PELLETIZATION</li> <li>* ELECTRIC CONTROL PANEL</li> <li>* SOLAR PV POWER PLANT</li> <li>* MACHINE SHOP (FOR OIL AND GAS ENGINEERING INDUSTRY, AEROSCAPE ENGINEERING INDUSTRY)</li> <li>* STEEL BRIGHT BARS</li> <li>* CEILING FAN</li> <li>* COPPER STRIP COILS FROM SCRAPS</li> <li>* PRODUCTION OF PV PANELS (SOLAR PV PANELS)</li> <li>* ROTARY AIR LOCKS, SCREW CONVEYOR, MOTORIZED/ PNEUMATIC DAMPER, FLAP VALVES, AIR SLIDES REQUIRED IN CEMENT PLANTS AND THERMAL POWER PLANT</li> <li>* ALUMINIUM EXTRUSION</li> </ul>	<ul style="list-style-type: none"> <li>* ALUMINIUM COIL COATING FOR ACP AND ROOFING IND.</li> <li>* PAVING BLOCK</li> <li>* WIRE NAILS</li> <li>* TMT STEEL BARS</li> <li>* FASTENERS/NUT &amp; BOLTS (INDUSTRIAL &amp;AUTOMOBILE)</li> <li>* HYDRAULIC CYLINDERS</li> <li>* DISPOSABLE SYRINGES WITH NEEDLE PLANT</li> <li>* FABRICATION UNIT (PRESSURE VESSEL, REACTOR VESSEL &amp; AGITATORS, HEAT EXCHANGERS) &amp; SEAMLESS PIPES AND TUBES</li> <li>* COPPER POWDER FROM COPPER SCRAP</li> <li>* STONE CRUSHER</li> <li>* PRODUCTION OF ALL TYPES OF FANS SUCH AS AXIAL FANS,CENTRIFUGAL FANS (SMOKE EXTRACT FANS &amp; FRESH AIR SUPPLY FANS), BATHROOM FANSETC.</li> <li>* STONE MINING</li> <li>* MAHINDRA CAR DEALERSHIP WITH AUTOMOBILE SERVICE STATION/GARAGE</li> <li>* AUTO FILTERS (AIR FILTERS, OIL FILTERS &amp; FUEL FILTERS)</li> <li>* AAC &amp; ACSR ALUMINIUM CONDUCTORS</li> <li>* MANGANESE ORE JIGGING</li> <li>* STEEL TRANSMISSION LINE TOWERS AND ROLLING MILL TO PRODUCE STEEL SECTIONS</li> <li>* FERRO SILICON (FROM MINERAL INGREDIENTS)</li> <li>* STAINLESS STEEL TUBES</li> <li>* M.S.FASTENERS AND S.S. FASTENERS</li> <li>* PREFABRICATED STEEL FRAMED BUILDING MANUFACTURING PLANT</li> <li>* LEAD ACID BATTERY</li> <li>* GALVANISED WIRE</li> <li>* POWER TRANSFORMER (50 KVA TO 2000 KVA)</li> <li>* M.S. PIPE</li> <li>* GALVANISED IRON SHEETS</li> <li>* M.S.BILLETS</li> <li>* STEEL GRATING (GALVANISING ELECTRO FORGED STEEL GRATING)</li> <li>* ALLOY WHEELS PLANT</li> <li>* ESTABLISHMENT OF MANUFACTURING OF REFRIGERATING APPLIANCE</li> <li>* WELDED WIRE MESH</li> <li>* ALUMINIUM COLD ROLLING MILL FOR SHEETS &amp; CIRCLES</li> <li>* ALUMINIUM ROLLING MILL FOR MANUFACTURING ALUMINIUM CIRCLES</li> </ul>	<ul style="list-style-type: none"> <li>REQUIRED FOR PRESSURE COOKERS, NON STICK COOKWARES &amp; CIRCLES</li> <li>* LPG CYLINDER</li> <li>* ALUMINIUM COMPOSITE PANNELS</li> <li>* DEEP FREEZER</li> <li>* ENVIRONMENTAL CLEARANCE FOR EXPANSION OF INGOTS/ BILLETS PLANT</li> <li>* FERRO SILICON BY SMELTING PROCESS</li> <li>* ALUMINIUM CONDUCTOR</li> <li>* PRESTRESSED CONCRETE POLES</li> <li>* FASTENERS (NUT &amp; BOLT) USED IN OIL AND GAS</li> <li>* ALUMINIUM ALLOY PLANT</li> <li>* STAINLESS STEEL SINKS</li> <li>* ALUMINIUM ALLOY PLANT</li> <li>* P.V.C BATTERYSEPARATOR</li> <li>* AUTOMOTIVE TYRE AND TUBE VALVES (VALVES MANUFACTURING)</li> <li>* PRESSURE COOKWARE ALUMINIUM, STAINLESS STEEL &amp; HARD ANODIZED</li> <li>* ELECTRIC WATER HEATER</li> <li>* SOLAR WATER HEATER DOMESTIC &amp; INDUSTRIAL</li> <li>* CORRUGATED COLOURED ROOFING GALVANISED IRON SHEET</li> <li>* PRESSURE DIE CASTING</li> <li>* G.I.WIRE AND BARBED WIRE</li> <li>* G.I.WIRE &amp; M.S. BINDING WIRE</li> <li>* HOT DIP GALVANIZING PLANT FOR STRUCTURAL STEEL AND PIPES</li> <li>* COLD ROLLING MILL</li> <li>* DOOR HINGES (MILD STEEL AND STAINLESS STEEL)</li> <li>* PRESSURIZED AEROSOLS (LIKE BODY SPRAYS, PERFUMES, SHAVING FOAM AND SHAVING LOTIONS ETC.)</li> <li>* ANHYDROUS SODIUM DITHIONITE PRODUCTION (SODIUM FORMATE PROCESS)</li> <li>* SODA ASH PLANT (FROM SOLUTION BRINE)</li> <li>* SISAL FIBRE REINFORCED</li> <li>* CEMENT ROOFING SHEET</li> <li>* HIGH ALUMINA REFRACTORY BRICK PLANT</li> <li>* CATHETERS MANUFACTURING</li> <li>* SURGICAL RUBBER DISPOSABLE GOODS</li> </ul>	<ul style="list-style-type: none"> <li>* POULTRY AND HATHERY FARMING</li> <li>* MILK PROCESSING PLANT</li> <li>* ROASTED, SALTED ALMONDS, PEANUTS FOR PACKING IN 25g, 50g,250g &amp; 500g SACHET-S</li> <li>* BEER FROM POTATOES</li> <li>* GUAR GUM POWDER</li> <li>* AUTOMATIC WHITE BREAD MAKING PLANT</li> <li>* AUTOMATIC BISCUIT MAKING PLANT</li> <li>* FROZEN FOOD BY IOF TECHNOLOGY</li> <li>* WALNUT PROCESSING PLANT</li> <li>* WHIPPING CREAM FRUITS &amp; VEGETABLES POWDER UNIT (EXPORTS ORIENTED UNIT)</li> <li>* NATURAL MEDICINE &amp; RESEARCH INSTITUTE WITH 150 BEDS HOSPITAL</li> <li>* PACKAGED DRINKING WATER (PACKED IN 330 ml CUP, 500ML BOTTLE, 1500 ML BOTTLE AND 20 LTR. JAR)</li> <li>* COLD STORAGE (CONTROLLED ATMOSPHERE OR CA) FOR POTATO CAP: 1,00,000 BAGS (50 Kg/Bag), STORING CAP: 5000 Mt, SOLVENT EXTRACTION &amp; REFINING (SOYABEAN) (Cap- 250mt/day &amp; 50mt/Day oil Refining)</li> <li>* BOTTLING PLANT (WHISKY, BRANDY, RUM, VODKS, GIN) FROM RECTIFIED SPIRIT/ENA LUBE OIL BLENDING AND GREASES PLANT</li> <li>* COLD STORAGE FOR POTATO 1,00,000 BAGS (50 KG/BAG)</li> <li>* MAIZE FLOUR &amp; BY PRODUCT MANUFACTURING PLANT</li> <li>* CUT FLOWER (GLADIOLI, MARGOLD, STATICE, CHRYSANTHEMUM ROSE WITH GREEN HOUSE)</li> <li>* CATTLE FARMING AND DAIRY PRODUCTS</li> <li>* COLD STORAGE FORPOTATO AND OTHER HORTICULTURE PRODUCTS Cap:- 5000 Mt or 100000 Bags (50 Kg/Bag)</li> <li>* DEXTROSE PLANT</li> <li>* SBR RUBBER SHEETS AND SHOE MANUFACTURING</li> <li>* CASHEW NUT PROCESSING</li> <li>* PLYWOOD AND PLYBOARD PARTICLE BOARD AND LAMINATED PARTICLE BOARD</li> <li>* VENEER MAKING, PLYWOOD &amp; PLYBOARD MAKING</li> <li>* WALNUT &amp; PINUS(CHILGOZA) OIL, SHELL POWDER PROCESSING PLANT</li> <li>* COUNTRY LIQUOR BOTTLING PLANT (1,00,000 BOTTLES/ DAY)</li> </ul>
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<ul style="list-style-type: none"> <li>* PLASTIC GRANULES FROM PLASTIC WASTE</li> <li>* ROPE AND SUTLI MAKING PLANT</li> <li>* BOTTLING PLANT (COUNTRY LIQUOR) 10,000 LTRS./DAY)</li> <li>* I.V. FLUID (FFS OR BFS TECHNOLOGY)</li> <li>* TOXIN PAN MASALA, TOBACCO LESS GUTKHA AND ZARDA</li> <li>* RUBBER &amp; FLAT TRANSMISSION BELT CONVEYOR BELT</li> <li>* UPVC DOORS &amp; WINDOWS FABRICATING PLANT (Fixing and Installation of Door and Windows of uPVC profiles)</li> <li>* RUBBER &amp; FLAT TRANSMISSION BELT CONVEYOR BELT</li> <li>* MUSTARD OIL PROCESSING PLANT (EXPELLER PROCESS)</li> <li>* MEDICAL COLLEGE WITH 750 BEDS HOSPITAL FACILITY</li> <li>* MICRO IRRIGATION PRODUCT MANUFACTURING PLANT</li> <li>* HOT DIP GALVANIZING MUSTARD OIL PROCESSING PLANT (EXPELLER PROCESS)</li> <li>* CEMENT TILES, CANAL LINE SLAB, KERV STONE, PAYER RCC PIPE, MANOHOLE COVER, ENTERLOCKING ETC. MANUFACTURING PLANT</li> <li>* MEDICAL COLLEGE (100 STUDENT INTAKE CAP. MEDICAL COLLEGE WITH 500 BED HOSPITAL)</li> <li>* ESTABLISHMENT OF A PRIVATE UNIVERSITY</li> <li>* DIGITAL INKS</li> <li>* GALVANIZING PROCESS PLANT FOR ELECTRICAL POLES</li> <li>* MAIZE PROCESSING PLANT</li> <li>* STARCHES / MODIFIED STARCHES/ LIQUID GLUCOSE / DEXTROSE MONOHYDRATE /GLUCOSE SYRUPS / CORN SYRUP SOLIDS / HIGH MALTOSSE CORN SYRUPS / MALTO DEXTRINE POWDER / CORN GLUTEN MEAL (60%) MAIZE OIL / SORBITOL.</li> <li>* BABY CARE PRODUCTS</li> <li>* FAT LIQUOR (CHLORINATED PARAFFIN WAX)</li> <li>* BOTTLING OF WHISKY</li> <li>* UPVC DOORS &amp; WINDOWS PROFILES</li> <li>* EPDM RUBBER PROFILES</li> <li>* FAT LIQUOR (CHLORINATED PARAFFIN WAX)</li> <li>* FAST FOOD RESTAURANT WITH CENTRALISED KITCHEN</li> </ul>	<ul style="list-style-type: none"> <li>* READY MADE GARMENT (T-SHIRT/POLO GOLFERS/ WOVEN SHIRTING &amp; SUITING FOR UNIFORMS/SWEATERS) MANUFACTURING</li> <li>* BIO-DIESEL EXTRACTION FROM JATROPHA, SOYABEAN, SUNFLOWER, RICE BRAN, ALGE &amp; CULTIVATION OF JATROPHA</li> <li>* FAST FOOD RESTAURANT CHAIN WITH CENTRALISED KITCHEN</li> <li>* GUAR SPLIT POWDER AND OTHER BY PRODUCTS</li> <li>* SOLVENT EXTRACTION PLANT (COTTON SEED)</li> <li>* RASGULLA MANUFACTURING AND CANNING</li> <li>* CULTIVATION OF RICE &amp; WHEAT COMMERCIAL &amp; MECHANISED DEVELOPMNT</li> <li>* MAIZE &amp; BY PRODUCTS PROCESSING -STARCH MODIFIED STARCHES/LIQUID GLUCOSE/DEXTROSE MONOHYDRATE/GLUCOSE SYRUPS/CORN SYRUP SOLIDS/HIGH MALTOSSE CORN SYRUPS/ MAITO DEXTRINE POWDER/CORN GLUTEN MEAL (60%) MAIZE OIL/SORBITOL</li> <li>* TEAK FARMING</li> <li>* ARTIFICIAL MARBLE (SYNTHETIC)</li> <li>* POTATO STARCH CARDANOL FROM C.N.S.L. (CASHEWNUIT SHELL LIQVID</li> <li>* INTEGRATED SCRAP YARD</li> <li>* POTATO STARCH</li> <li>* MANGO PULP (5 TON/HOUR 200 KG ASEPTIC PACKAGING)</li> <li>* 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</li> <li>* WHEAT FLOUR MILL</li> <li>* CHAKKI FLOUR MILL</li> <li>* I.V. FLUID (FFSTECHNOLOGY)</li> <li>* LIQUID GLUCOSE FROM POTATOES</li> <li>* SORBITOL FROM MAIZE STARCH</li> <li>* WALNUT PROCESSINGPLANT</li> <li>* SOLVENT EXTRACTION AND OIL REFINERY CUM PACKING OF RICE BRAN OIL</li> <li>* COTTON SEED OIL SOLVENT EXTRACTION PLANT</li> <li>* MARINE TRAINING INSTITUTE &amp; PLACEMENT SERVICE PROVIDING AGENCY</li> <li>* I.V.FLUID (FFS TECHNOLOGY)</li> <li>* CERAMIC FIBERS, CERAMIC</li> </ul>	<ul style="list-style-type: none"> <li>FIBRE BLANKET, CERAMIC FIBRE BOARD AND CERAMIC FIBRE ROPE</li> <li>* COLD SUPPLY CHAIN</li> <li>* LAMI TUBE MANUFACTURING</li> <li>* EYE DROP 3 PIECES (PLASTIC VIALS)</li> <li>* PET BOTTLES (CAMBER/ CLEAR IN COLOUR) CAP: 15ML,60ML 100ML,135ML, 200ML &amp; 500ML</li> <li>* BENZYL ALKONIUM CHLORIDE (BKC)</li> <li>* NATURAL SUGAR WAX</li> <li>* MARGARINE BUTTERFROM VEGETABLE OIL</li> <li>* GREEN HOUSE FOR CROP PRODUCTION</li> <li>* ORGANIC DAIRY FARMING</li> <li>* E-WASTE</li> <li>* BIO-DIESEL FROM ALGAE</li> <li>* VANADIUM PENT OXIDE GRAPHITE MINING AND BENEFICIATION PLANT</li> <li>* VITAMIN WATER</li> <li>* PET PREFORM CUM PET BOTTLES</li> <li>* ORGANIC DAIRY FARMING AND PRODUCING WHOLE MILK POWDER (WMP)</li> <li>* HDPE BOTTLES</li> <li>* CAUSTIC SODA FROM SODIUM CHLORIDE</li> <li>* COAL TAR PITCH</li> <li>* MOSQUITO REPELLANT</li> <li>* WRIST BAND</li> <li>* CASTOR OIL AND ITS DERIVATIVES OLEO RESIN, TURKEY RED OIL, DCO, HCO, SEBACIC ACID, 12-HYDROXY STEARIC ACID</li> <li>* PAPAIN FROM PAPAYA</li> <li>* PROCESSED CHEESE</li> <li>* MONOCHLOROBENZENE</li> <li>* EUGENOL FROM CINNAMON OIL</li> <li>* SULPHUR 80% WDG</li> <li>* CERAMIC FIBERS, CERAMIC FIBRE BLANKET, CERAMIC FIBRE BOARD AND CERAMIC FIBRE ROPE</li> <li>* SCREEN PRINTING</li> <li>* DI CALCIUM PHOSPHATE FROM ROCK PHOSPHATE &amp; HAIFA PROCESS</li> <li>* PVC FLEXIBLE PIPE</li> <li>* FLEX BANNER USED IN DIGITAL PRINTING</li> <li>* PIGMENTS BINDERS FOR TEXTILE PRINTING</li> <li>* POULTRY &amp; HATCHERY FARM</li> <li>* ALOEVEA JUICE AND GEL</li> <li>* LIME PUTTY</li> <li>* AUTOMOBILE WORKSHOP/ GARAGE</li> <li>* EGG TRAY FROM PULP</li> <li>* CARDANOL FROM C.N.S.L.</li> <li>* OXYGEN GAS</li> </ul>	<ul style="list-style-type: none"> <li>* POLYALUMINIUM CHLORIDE</li> <li>* NAMKEEN INDUSTRY (BHUIJA, CHANACHUR ETC.)</li> <li>* POLYOL USED FOR POLYURETHANES</li> <li>* POLYSTYRENE POLY PROPYLENE OXIDE</li> <li>* DIETHYL PHTHALATE</li> <li>* UREA FORMALDEHYDE AND MELAMINE</li> <li>* FORMALDEHYDE MOULDING POWDER</li> <li>* INSTANT COFFEE</li> <li>* ANNATTO SEED COLOUR EXTRACTION</li> <li>* FRUITS AND VEGETABLES DRYING BY (FREEZE DRYING METHOD)</li> <li>* BIO GAS PRODUCTION AND BOTTLING PLANT</li> <li>* JAM, JELLIES, FRUIT JUICE AND ALLIED PRODUCTS</li> <li>* MATERNITY NURSING HOME</li> <li>* CANNING &amp; PRESERVATION OF VEGETABLES</li> <li>* CURCUMIN &amp; TURMERIC OIL FROM TURMERIC</li> <li>* DETERGENT WASHING POWDER (ARIEL TYPE)</li> <li>* GRANITE SLAB AND TILES</li> <li>* TEA PACKAGING</li> <li>* PAN MASALA &amp; GUTKHA</li> <li>* PRESTRESSED CONCRETE ELECTRIC POLES</li> <li>* LEATHER SHOES</li> <li>* ROTOGRAVURE PRINTING (FOR FLEXIBLE PACKAGING)</li> <li>* AUTOCLAVED AERATED CONCRETE BLOCKS</li> <li>* OXYGEN AND NITROGEN GAS PLANT</li> <li>* MANGANESE ORE BENEFICIATION</li> <li>* MINERAL WOOL</li> <li>* CALCIUM SILICATE</li> <li>* TOUGHENED GLASS</li> <li>* HUMIC ACID</li> <li>* OFFSET PRINTING UNIT (5 COLOUR)</li> <li>* CASTOR OIL AND ITS DERIVATIVES OLEORESIN</li> <li>* TISSUE PAPER PULPING FROM SAW DUST</li> <li>* KNITTED GLOVES</li> <li>* RADIATOR COOLANT</li> <li>* LATEX FOAM RUBBER (SPONG RUBBER)</li> <li>* GARLIC OIL AND POWDER</li> <li>* ACTIVATED CARBON &amp; SODIUM SILICATE FROM PADDY/ RICE HUSK</li> <li>* TRIETHYLENE GLYCOL</li> <li>* RAMMING MASS</li> <li>* WOOD PEELING &amp; VENEER MAKING</li> <li>* PETROLEUM JELLY</li> <li>* DAIRY FARM (COW &amp; BUFFALO) TO PRODUCE</li> </ul>
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Market Survey Cum Detailed Techno Economic Feasibility Report on all Projects are available contact:

### ENGINEERS INDIA RESEARCH INSTITUTE

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## Highly Profitable Projects for New Entrepreneurs “EIRI Market Survey Cum Detailed Techno Economic Feasibility Reports”

<ul style="list-style-type: none"> <li>MILK &amp; PACKAGING IN POUCHES</li> <li>* CUTTING OIL LIQUID GOLD (IN PASTE FORM)</li> <li>* P.V.C. LEATHER CLOTH (REXINE)</li> <li>* COAL TAR DISTILLATION</li> <li>* ALUMINIUM LABEL PRINTING</li> <li>* FOLDING CARTNS/MONO CARTONS</li> <li>* SURGICAL DISPOSABLE GLOVES (DIPPED RUBBER GOODS)</li> <li>* AGRICULTURAL CHEMICAL (PLANT GROWTH PROMOTER AND PLANT GROWTH REGULATOR)</li> <li>* MENTHOL BOLD CRYSTALS FROM MENTHOL FLAKES</li> <li>* ORGANIC FARMING</li> <li>* CORRUGATED POLYCARBONATE SHEET</li> <li>* COLD STORAGE</li> <li>* FLAT PVC LAMINATED</li> <li>* SAFTY GLASS/TOUGHENED GLASS</li> <li>* PLASTIC GRANULES FROM WASTE</li> <li>* DRY WALL PUTTY (WHITE CEMENT BASED)</li> <li>* CHARCOAL BRIQUETTE</li> <li>* OXALIC ACID FROM MOLASSES</li> <li>* POTATO GRANULES</li> <li>* SANITARY NAPKINS &amp; BABY DIAPERS</li> <li>* CORRUGATED BOXES</li> <li>* PLASTER OF PARIS</li> <li>* RUBBER ROLLER FOR PRINTING MACHINE</li> <li>* LACTIC ACID</li> <li>* EMERY PAPER (SAND PAPER)</li> <li>* RUBBER RECLAIM SHEET FROM USED BUTYL TYRE AND TUBE</li> <li>* MANGO PULP</li> <li>* PARTICLE BOARD FROM BAGASSE AND RICE HUSK</li> <li>* TOILET PAPER &amp; NAPKINS</li> <li>* TENDER COCONUT WATER</li> <li>* CALCIUM CARBONATE</li> <li>* LIME CALCINATION PLANT</li> <li>* INJECTION MOULDED PLASTIC COMPONENTS</li> <li>* HYDRATED LIME</li> <li>* BLACK PEPPER</li> <li>* MULTIAXIAL GLASS FABRIC</li> <li>* LIQUID TOILET CLEANER (HARPIC TYPE)</li> <li>* LIME &amp; PRECIPITATED</li> <li>* CALCIUM CARBONATE</li> <li>* LIQUID GLUCOSE FROM BROKEN RICE</li> </ul>	<ul style="list-style-type: none"> <li>* MEDICAL DISPOSABLE PLASTIC SYRINGES</li> <li>* METAL POLISHING BAR</li> <li>* SANITARY NAPKINS &amp; BABY DIAPERS</li> <li>* PERFUMES/ATTAR</li> <li>* GEMS AND JEWELLERY</li> <li>* MULTIAXIAL GLASS FABRIC</li> <li>* ACTIVE ZINC OXIDE</li> <li>* COPPER PHTHALOCYANINE</li> <li>* TURMERIC OIL EXTRACTION FROM DRY TURMERIC</li> <li>* CNSL BASED RESIN IN LIQUID &amp; POWDER FORM</li> <li>BOPP FILM</li> <li>* BETA IONONE</li> <li>* BIO-FERTILIZER</li> <li>* ZINC &amp; COPPER SULPHATE</li> <li>* PAPER BASED PHENOLIC SHEET (FOR ELECTRICAL APPLIANCE)</li> <li>* THINNERS (WHITE SPIRIT BASED)</li> <li>* SINGLE SUPER PHOSPHATE &amp; SULPHURIC ACID</li> <li>* MONO CALCIUM PHOSPHATE &amp; DI-CALCIUM PHOSPHATE</li> <li>* FLEXIBLE P.U. FOAM</li> <li>* ASPIRIN</li> <li>* SORBITOL FROM MAIZE STARCH</li> <li>* SPICE OIL &amp; OLEORESIN</li> <li>* ANTI-FOAMING AGENT (SILICONE BASED) FOR DISTILLERY, SUGAR, PAPER PLANT ETC.</li> <li>* LAUNDRY &amp; DRY CLEANER</li> <li>* BRICKS FROM STONE DUST</li> <li>* CARBOXY METHYL STARCH</li> <li>* TITANIUM DIOXIDE</li> <li>* UNDECYENIC ACID</li> <li>* PSA BASED NITROGEN GENERATOR</li> <li>* SYNTHETIC IRON OXIDE</li> <li>* PVC INSULATION TAPE</li> <li>* TAMARIND KERNEL POWDER</li> <li>* ORGANIC CHEMICAL &amp; SOLVENTS</li> <li>* PLASTICIZERS</li> <li>* ICE PACK (SOLUTIONS TYPE, VIOLET-SEMI SOLID POLYMER TYPE)</li> <li>* GUM FROM TAMARIND</li> <li>* PEARL SUGAR CANDY (MISHRI)</li> <li>* GOAT &amp; SHEEP FARMING</li> <li>* GYPSUM PLASTIC BOARD (AUTOMATIC PLANT)</li> <li>* NON-WOVEN INDUSTRY (CARRY BAGS, SURGICAL GOWN, FACE MASK, ROUND CAPS, SHOE COVER, GLOVE)</li> <li>* COTTON SPINNING, SIZING,</li> </ul>	<ul style="list-style-type: none"> <li>YARN, DYEING &amp; WEAVING</li> <li>* CALCIUM CHLORIDE</li> <li>* AMINES &amp; ALLIED PRODUCT</li> <li>* SPINNING COTTON</li> <li>* SILICONE FROM RICE HUSK</li> <li>* ADHESIVE (FEVICOL TYPE)</li> <li>* CAUSTIC SODA FROM ELECTROLYSIS</li> <li>* CAMPHOR TABLETS</li> <li>* CERAMIC GLAZED WALL AND FLOOR TILES</li> <li>* ZINC SULPHATE MONO</li> <li>* ETHANOL (BIO FUEL) FROM RICE STRAW</li> <li>* GYPSUM MOULDING AND GYPSUM BOARD</li> <li>* SMOKELESS COAL</li> <li>* ACID (SILICA) AND BASIC RAMMING MASS</li> <li>* UNSATURATED POLYESTER RESINS</li> <li>* DAIRY (BUFFALO) FARMING</li> <li>SILICONE FROM RICE HUSK</li> <li>* N-ACETYL THIOZOLIDINE-4-CARBOXYLIC ACID (NATCA)</li> <li>* PE BASED CARBON BLACK COMPOUND</li> <li>* ONION DEHYDRATION</li> <li>* PVC PIPES &amp; FITTING</li> <li>* GLASS REINFORCED</li> <li>* GYPSUM MOULDINGS</li> <li>ABSORBENT COTTON &amp; SURGICAL BANDAGES</li> <li>* CALCIUM STEARATE BY FUSION PROCESS</li> <li>* MANGO POWDER &amp; OTHER FREEZE DRIED PRODUCTS</li> <li>* MENTHOL OIL FROM LEAVES AND MENTHOL</li> <li>* CRYSTALS (PEPPERMINT) MANUFACTURE OF CELLULOSE ACETATE</li> <li>* ANTIFOAMING / DEFOAMING AGENT</li> <li>* ALOEVEA CULTIVATION &amp; PROCESSING</li> <li>* SYNTHETIC MAGNESIUM SILICATES</li> <li>* EPHEDRINE HYDROCHLORIDE</li> <li>* ACTIVATED BLEACHING EARTH</li> <li>* TECHNICAL TEXTILES</li> <li>* FORMALIN FROM METHANOL</li> <li>* CATIONIC SOFTNER (STEARIC ACID BASED)</li> <li>* PRECIPITATED SILICA</li> <li>* PU BASED FOOT WEARS</li> <li>* FORMALDEHYDE RESIN (UREA, PHENOL, MELAMINE)</li> <li>* HDPE MONO FILAMEN NET</li> <li>* POTATO &amp; ONION FLAKES</li> </ul>	<ul style="list-style-type: none"> <li>* DUSTLESS CHALK (SCHOOL CHALK)</li> <li>* TOMATO POWDER</li> <li>* BIODEGRADABLE / COMPOSTABLE PLASTICS</li> <li>* ACRYLIC CO POLYMER EMULSION</li> <li>* ESTER GUM (FOOD GRADE)</li> <li>* PROTEIN BASED FOAMING AGENT</li> <li>* LECITHIN (SOYA BASED)</li> <li>* SOYA OIL AND CATTLE FEED FROM SOYA BEAN</li> <li>* COMPARISON BETWEEN FLY ASH AND CELLULAR LIGHTWEIGHT CONCRETE (CLC) BRICKS</li> <li>* CELL CAST ACRYLIC SHEET</li> <li>* ACRYLIC BATH TUB AND SHOWER TRAY</li> <li>* THERMOCOLE BASED DISPOSABLE PLATES</li> <li>* SODIUM SILICATE FROM RICE HUSK</li> <li>* ETHYL METHACRYLATE</li> <li>* SODIUM LAURYL ETHER SULPHATE</li> <li>* LATEX GLOVES, CONDOMS &amp; CATHETER</li> <li>* CALCIUM NITRATE</li> <li>GRAIN BASED ALCOHOL DISTILLERY</li> <li>* BULK DRUGS</li> <li>* MARBLE QUARRYING</li> <li>* CULTIVATION OF CAPSICUM IN GREEN HOUSE</li> <li>* SULPHUR 90% WDG</li> <li>* EGG POWDER</li> <li>* WOOD PLASTIC</li> <li>* COMPOSITE BOARD LINE</li> <li>* SODIUM LAURYL SULPHATE AND SODIUM LAURYL ETHER SULPHATE</li> <li>* FISH PROCESSING</li> <li>* BABY CEREAL FOOD &amp; MILK POWDERS (BABY FOOD)</li> <li>* GUR (JAGGERY)</li> <li>* DAIRY PRODUCTS</li> <li>* CHLORINATED PARAFFIN WAX (CPW)</li> <li>* HAND WASHING DETERGENT POWDER USING THE DRY MIX PROCESS INCLUDING FORMULA OF DIFFERENT TYPES QUALITIES (LOW/ MEDIUM/HIGH COST)</li> <li>* HANDWASHING DETERGENT POWDER USING THE DRY MIX PROCESS INCLUDING</li> </ul>
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<p>FORMULA OF DIFFERENT TYPES QUALITIES (LOW/MEDIUM/HIGH COST)</p> <ul style="list-style-type: none"> <li>* DIGITAL PHOTOPAPER/INKJET PHOTOPAPER</li> <li>* KAOLIN FOR ROAD MAKING</li> <li>* PEPPERMINT CULTIVATION &amp; PROCESSING</li> <li>* PEPPERMINT CULTIVATION &amp; PROCESSING</li> <li>* HDPE PIPE</li> <li>* ACTIVATED CARBON FROM RICE HUSK</li> <li>* HT &amp; LT INSULATOR, HT AIR BRAKE SWITCH D.O. FUSE, LIGHTENING ARRESTOR</li> <li>* PET BOTTLES IN CAP: 500ML, 1 LTR, 2 LTRS, 5 LTRS, USED FOR PACKAGED DRINKING WATER, EDIBLE OILS</li> <li>* ALCOHOLIC BEVERAGES (COUNTRY LIQUOR &amp; IMFL)</li> <li>* QUARTZ BASED INDUSTRIES (QUARTZ POWDER SILICA SAND SILICA RAMMING MASS FUSED SILICA)</li> <li>* BEEDI (BIDI) BY MACHINE</li> <li>* RICE SHELLER</li> <li>* FRUIT RIPENING CHAMBER</li> <li>* MINERAL WATER AND PET BOTTLING PLANT</li> <li>* DIAGNOSTIC LAB AND</li> <li>* ONLINE TRADING BUSINESS</li> <li>* CEREAL MILLING</li> <li>* MINI OIL PLANT SUITABLE FOR GROUNDNUT OIL AND COTTON SEED OIL</li> <li>* CHANACHUR, BHUJIA, GANTHIA (AUTOMATIC PLANT)</li> <li>* KHADYA SURAKSHA (FOOD SECURITY)</li> <li>* PLASTIC WATER STORAGE TANKS</li> <li>* ZINC SULPHATE, MONOHYDRATE &amp; HEPTA HYDRATE</li> <li>* CIGARETTE MANUFACTURING UNIT</li> <li>* CATTLE FEED PELLETS PLANT FOR COW &amp; BUFFALOE FOR BOOSTING MILK AND GROWTH</li> <li>* TYRE RECYCLING UNIT</li> <li>* PAPAIN EXTRACTION INDUSTRY</li> <li>* CAKE SHOP</li> <li>* BUSINESS PROCESS</li> </ul>	<p>OUTSOURCE (B.P.O.)</p> <ul style="list-style-type: none"> <li>* EMPTY HARD GELATINE CAPSULES</li> <li>* BIOFERTILIZER</li> <li>* PLASTIC MOULDING UNIT (CHAIR, TABLES &amp; VEGETABLE TRAYS)</li> <li>* GOLD POTASSIUM CYANIDE (G.P.C.)</li> <li>* HDPE, PVC &amp; CPVC PIPES AND FITTINGS</li> <li>* NO CARB PASTE (ANTICARBURIZING PASTE-WATER SOLUBLE) FOR HEAT TREATMENT</li> <li>* CONVERSION WASTE PLASTIC WITH TYRE INTO ACTIVATED CARBON AND INDUSTRIAL FUEL</li> <li>* PYROLYSIS PLANT FROM PLASTIC &amp; RUBBER</li> <li>* COMPARISON BETWEEN FLY ASH AND CELLULAR LIGHTWEIGHT CONCRETE (CLC) BRICKS</li> <li>* AGAR AGAR</li> <li>* NAIL POLISH</li> <li>* PLASTIC GRANULES FROM WASTE</li> <li>* AGARBATTI SYNTHETIC PERFUMERY COMPOUNDS &amp; AGARBATTI COMPOUNDS LIKE (CHAMPA, MOGRA, SANDAL WOOD &amp; LOBAN)</li> <li>* PET PREFORM AND PET JARS (20 LTRS CAPACITY)</li> <li>* KRAFT PAPER FROM 100% WASTE PAPER</li> <li>* PRIVATE UNIVERSITY</li> <li>* LIQUID GLUCOSE AND MALTODEXTRIN FROM BROKEN RICE</li> <li>* DRY WALL PUTTY (WHITE CEMENT BASED)</li> <li>* CONSTRUCTION CHEMICALS OT PASTE</li> <li>* FUSED SILICA FROM SILICA SAND</li> <li>* BANANA CHIPS, BANANA PULP &amp; BANANA POWDER (BANANA PRODUCTS)</li> <li>* CONFECTIONERY UNIT (TOFFEE, CANDY /LOLLIPOP CHEWING GUM, BUBBLE GUM CHOCOLATE)</li> <li>* FORMALDEHYDE RESIN (UREA, PHENOL, MELAMINE &amp; THEIR MODIFIED RESINS)</li> </ul>	<ul style="list-style-type: none"> <li>* EPDM RUBBER PROFILES (WEATHER STRIPS, INDUSTRIAL MONOSTRIPS ETC)</li> <li>* GRANITE CUTTING AND POLISHING UNIT (100% EOU)</li> <li>* SURGICAL COTTON, ROLLER BANDAGE, CREPE BANDAGE &amp; PLASTER CART (READY MADE) E.G. GYPSONA 3M CART</li> <li>* ENTERTAINMENT CLUB, HOLIDAY RESORT, 4 STAR HOTEL, AMUSEMENT PARK CUM WATER PARK, MUSHROOM &amp; ITS PRODUCTS, FISH FARMING, LAKE FOR BOATING, DEER PARK ETC.</li> <li>* HDPE, PVC, LLDPE PIPES/TUBES AND FITTING</li> <li>* EPOXIDIZED SOYABEAN OIL (SECONDARY PLASTICIZER) USED IN PVC COMPOUND</li> <li>* POULTRY PROCESSING PLANT</li> <li>* B.O.P.P. SELF ADHESIVE TAPES</li> <li>* I.V.SET</li> <li>* MANGANESE OXIDE AND MANGANESE SULPHATE</li> <li>* ODOURLESS NYLON GRANULES FROM FIBER OF WASTE TYRE WITHOUT CHANGING PROPERTIES OF NYLON</li> <li>* PARTICLE BOARD FROM RICE HUSK OR WOOD WASTE OR SUGAR CANE BAGASSE OR MIXED OF ALL ABOVE</li> <li>* POULTRY LAYER AND BROILER FARMING</li> <li>* TOMATO, GUAVA AND MANGO PULP</li> <li>* GREEN HOUSE</li> <li>* HYDROXY PROPYL GUAR (HPG) AND CARBOXY METHYL HYDROXY PROPYL GUAR</li> <li>* BATHSOAP MANUFACTURE</li> <li>* PLASTIC MOULDED CHAIRS</li> <li>* FROZEN POTATO PATTY</li> <li>* CALCIUM ALUMINATE</li> <li>* ACTIVATED CARBON FROM COCONUT SHELL</li> <li>* RIGID PVC FILM MANUFACTURE FOR PHARMACEUTICALS BLISTER</li> </ul>	<p>PACKAGING</p> <ul style="list-style-type: none"> <li>* NYLONE 66 CURING TAPE USED IN RUBBER HOSE PIPE WRAPPING</li> <li>* ANTIFOAMING/DEFOAMING AGENT LIKE ANTAROL T-709</li> <li>* SOY AND GLUTEN BASED MOCK MEAT</li> <li>* KRAFT PAPER USING WASTE PAPER AND OLD CORRUGATED CARTONS</li> <li>* GLASS BOTTLE FOR BEER AND BEER MUG (TUMBLER)</li> <li>* DISPOSABLE SYRINGES AND NEEDLE PLANT (Single Use Syringes, Single Use Needles &amp; As Syringes)</li> <li>* DIRECT FILLED BALL PEN (USE AND THROW)</li> <li>* BENZALKONIUM CHLORIDE</li> <li>* SPINNING COTTON (COTTON SPINNING PLANT)</li> <li>* CALCIUM CHLORIDE USING LIME STONE AND HYDROCHLORIC ACID</li> <li>* RUBBER POWDER FROM WASTE TYRES</li> <li>* CALCINATION PLANT FOR PYROPHYLLITE AND DIASPORE MINERALS BY VERTICAL SHAFT KILN PROCESS</li> <li>* ONION, GARLIC &amp; GINGER DEHYDRATION PLANT</li> <li>* POTASSIUM NITRATE</li> <li>* POTASSIUM SULPHATE</li> <li>* N.P.K. FERTILIZER</li> <li>* CHICORY EXTRACT (ROASTED CHICORY GRANULES/CUBES, LIQUID EXTRACT ETC.)</li> <li>* SOLID WASTE SEGREGATION</li> <li>* LAMITUBE MANUFACTURE</li> <li>* BOARDING SCHOOL</li> <li>* CERAMIC FUSE TUBE/ BARRELS USED IN HRC FUSE</li> <li>* SODIUM POLYACRYLATE DISPERSANT FOR USE IN WATER BASED PAINT WITH DISPERSANT FOR PIGMENT</li> <li>* NAIL POLISH, LIPSTICKS, NAIL POLISH REMOVER</li> <li>* SOYA PRODUCTS (MILK, PANEER, TOFU, BUTTER, CHEESE CURD/YOGURT, ICE CREAM) WITH PACKAGING UNIT</li> <li>* GREASE MANUFACTURING</li> </ul>
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Name of Books	Name of Books	Name of Books
<ul style="list-style-type: none"> <li>* Agro Based H.B. of Plantation, Cultivation &amp; Farming</li> <li>* Agro-Based Plantation Cultivation &amp; Farming</li> <li>* Agro Chemical Industries (Insecticide &amp; Pesticides)</li> <li>* Modern Bee Keeping &amp; Honey Processing</li> <li>* Technology of Modern Rice Milling and Basmati Rice</li> <li>* Hand Book of Goat Farming</li> <li>* Floriculture Hand Book (Flowers Growing Technology)</li> <li>* Aloe Vera Cultivation, Processings, Formulations and Manufacturing Technology</li> </ul>	<ul style="list-style-type: none"> <li>* Technology of Maize &amp; Allied Corn Products</li> <li>* Technology of Food Processing Industries</li> <li>* Complete Book on Banana Cultivation, Dehydration Ripening, Processing, Products &amp; Packaging Technology</li> <li>* Agro Food Processing and Packaging Technology</li> <li>* Modern Tech. of Tomato Processing &amp; Dehydration (Ketchup, Juice, Paste, Soup &amp; Drying)</li> <li>* Technology of Food Chemicals, Pigments &amp; Food Aroma Compd.</li> <li>* Modern Technology of Agro Processing &amp; Food Packaging Products with Project Profiles</li> </ul>	<ul style="list-style-type: none"> <li>Manufacture of Cosmetics (Synthetic &amp; Herbal)</li> <li>* Hand Book of Synthetic &amp; Herbal Cosmetics</li> <li>* Technology of Herbal Cosmetics &amp; Toiletries Products with Formulae</li> </ul>
<b>DAIRY FARM, MILK PROCESSING AND ICE CREAM</b>	<b>POULTRY FARM, HATCHERY &amp; CHICKEN MEAT TECHNOLOGY</b>	<b>OILSEEDS AND FATS</b>
<ul style="list-style-type: none"> <li>* Hand Book of Dairy Formulations, Processes &amp; Milk Processing Industries</li> <li>* Milk Processing and Dairy Products Industries</li> <li>* Hand Book of Dairy Farming to Produce Milk with Packaging</li> <li>* Hand Book of Ice Cream Technology and Formulae</li> <li>* Hand Book of Milk Processing, Dairy Products and Packaging Technology</li> <li>* Dairy Farming for Milk Production Technology</li> <li>* Commercial Dairy Farming with Project Profiles</li> </ul>	<ul style="list-style-type: none"> <li>* Technology of Chicken Meat and Poultry Products</li> <li>* Poultry Farming, Hatchery &amp; Broiler Production</li> <li>* Poultry Farm &amp; Feed Formulae</li> </ul>	<ul style="list-style-type: none"> <li>* Hand Book of Oils, Fats and Derivatives with Refining &amp; Packaging Technology</li> <li>* Technology of Oilseeds Processing, Oils &amp; Fats and Refining</li> </ul>
<b>HERBS CULTIVATION/MEDICINES</b>	<b>WOOD, PLYWOOD, PARTICLE, BOARD, BAMBOO &amp; FOREST</b>	<b>ESSENTIAL OILS &amp; AROMATIC</b>
<ul style="list-style-type: none"> <li>* Herbs, Medicinal &amp; Aromatic Plants Cultivation</li> <li>* Aushidhi and Sungndhit Paudho Ka Vaysayik (Hindi)</li> <li>* Aromatic &amp; Medicinal Plants and Biodiesel (Jatropha)</li> <li>* Hand Book of Medicinal &amp; Aromatic Plants (Cultivation, Utilisation &amp; Extraction Processes)</li> </ul>	<ul style="list-style-type: none"> <li>* Modern Technology of Wood, Veneer, Plywood, Particle Board, Fibreboard, Bamboo &amp; Forest Products</li> </ul>	<ul style="list-style-type: none"> <li>* Essential Oils Manufacturing &amp; Aromatic Plants</li> <li>* Modern Technology of Essential Oils</li> <li>* Technology of Perfumes, Flavours &amp; Essential Oils</li> <li>* Essential Oils Processes &amp; Formulations</li> </ul>
<b>FOOD &amp; AGRO PROCESS, TOMATO PROCESSING, PRESERVATION, DEHYDRATION, FRUIT BEVERAGE, POTATO, MAIZE, MEAT, BANANA</b>	<b>SOAP, DETERGENT &amp; ACID SLURRY</b>	<b>PERFUMES AND FLAVOURS</b>
<ul style="list-style-type: none"> <li>* Fruits &amp; Vegetable Processing Hand Book (2nd Edn.)</li> <li>* Fruit Beverage &amp; Processing with Mango</li> <li>* Food Processing &amp; Agro Based Industries (2nd Edn.)</li> <li>* Preservation &amp; Canning of Fruits and Vegetables</li> <li>* Hand Book of Food Dehydration &amp; Drying</li> <li>* Meat Processing &amp; Meat Products Hand Book</li> <li>* Technology of Food Preservation &amp; Processing</li> <li>* Hand Book of Food Packaging Technology</li> <li>* Agro Based &amp; Processed Food Products</li> <li>* Potato &amp; Potato Processing Technology</li> </ul>	<ul style="list-style-type: none"> <li>* Household Soap, Toilet Soap &amp; Other Soap</li> <li>* Profitable Small Scale Mfr. of Soaps &amp; Detergents</li> <li>* Synthetic Detergents with Formulations (2nd Edn.)</li> <li>* Modern Technology of Acid Slurry, Surfactants, Soap and Detergents with Formulae</li> <li>* Complete Technology Book on Detergents with Formulations (Detergent Cake, Dishwashing Detergents, Liquid &amp; Paste Detergents, Enzyme Detergents, Cleaning Powder &amp; Spray Dried Washing Powder)</li> <li>* Manufacture of Washing Soap, Toilet Soap, Detergent Powders, Liquid Soap &amp; Herbal Detergents and Perfumes with Formulations</li> </ul>	<ul style="list-style-type: none"> <li>* Hand Book of Flavours &amp; Food Colourants Technology</li> <li>* H. B. of Perfumes &amp; Flavours</li> <li>* Hand Book of Perfumes with Formulations (2nd Edn.)</li> <li>* Technology of Perfumes, Flavours &amp; Essential Oils</li> <li>* H.B. of Flavours Technology</li> </ul>
<b>COSMETICS TECHNOLOGY (SYNTHETIC &amp; HERBAL)</b>	<b>SOLAR PV PANELS, ENERGY, CELLS</b>	<b>BUILDING MATERIAL &amp; CHEMICALS</b>
<ul style="list-style-type: none"> <li>* Cosmetics Processes &amp; Formulations Hand Book</li> <li>* Herbal Cosmetics &amp; Beauty Products with Formulations</li> <li>* Profitable Small Scale</li> </ul>	<ul style="list-style-type: none"> <li>* Technology Of Solar Pv Panels, Energy, Cells, Lantern, Cooler, Light System, Cfi Inverter, Photovoltaic System, Power Plant, Water Heater, Collector, Solar Cooling, Refrigeration, Solar Drying, Tractor, Home System, Dish Engine, Nanotechnology &amp; Other Solar Products Manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>* Technology of Building Materials &amp; Chemicals with Processes</li> </ul>
	<b>TEXTILE, GARMENTS, DYEING...</b>	<b>SPICES &amp; COLD STORAGE</b>
	<ul style="list-style-type: none"> <li>* Mod. Tech. of Bleaching, Dyeing, Printing &amp; Finishing of Textiles</li> <li>* Technology of Textiles (Spinning &amp; Weaving, Dyeing, Scouring, Drying, Printing and Bleaching)</li> <li>* Garments Manufacturing Technology</li> </ul>	<ul style="list-style-type: none"> <li>* Spices &amp; Packaging with Formula</li> <li>* Start Your Own Cold Storage Unit</li> </ul>
		<b>PULP &amp; PAPER TECHNOLOGY</b>
		<ul style="list-style-type: none"> <li>* H.B. of Pulp &amp; Paper, Paper Board &amp; Paper Based Technology</li> </ul>



**LIST OF PUBLICATIONS/BOOKS PUBLISHED BY: ENGINEERS INDIA  
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Name of Books	Name of Books	Name of Books
<b>NON WOVEN TECHNOLOGY</b>	<b>MINERAL AND MINERALS</b>	<b>PRODUCTS FROM WASTE</b>
* Complete Tech. of Nonwovens Fabrics, CarryBags, Composite, Geotextiles, Medical Textiles, Fibres, Felts, Apparels, Spunlace and Absorbent Nonwoven	* Hand Book of Minerals and Minerals Based Industries	* Technology of Products from Wastes (Industrial, Agriculture, Medical, Municipality, Organic & Biological) By Panda
<b>PHARMACEUTICALS &amp; DRUGS</b>	<b>RUBBER CHEMICALS, COMPOUNDS &amp; RUBBER INDUSTRIES</b>	* Products from Waste Technology Hand Book
* Pharmaceuticals and Drugs Technology with Formulations	* Rubber Chemicals & Processing Industries	<b>WINE PRODUCTION</b>
<b>LEATHER &amp; LEATHER PRODUCTS</b>	* Modern Rubber Chemicals, Compounds & Rubber Goods Technology	* Technology of Wine Production and Packaging
* Hand Book of Leather & Leather Products Technology	* Technology of Rubber & Rubber Goods Industries	<b>ORGANIC FARMING &amp; FOOD/NEEM</b>
<b>BIOTECHNOLOGY</b>	<b>AYURVEDIC MEDICINES</b>	* Hand Book of Organic Farming and Organic Foods with Vermi-Composting & Neem Product
* Hand Book of Biotechnology	* Ayurvedic & Herbal Medicines with Formulaes	<b>FISH FARMING &amp; FISHERY PRODUCTS</b>
<b>CERAMICS &amp; CERAMIC PROCESS</b>	* Hand Book of Ayurvedic Medicines with Formulations (A Complete Hand Book of Ayurvedic & Herbal Medicines)	* Hand Book of Fish Farming and Fishery Products
* H.B.of Ceramics & Ceramics Processing Technology	<b>STAINLESS STEEL, NON FERROUS METALS, BILLETS &amp; ROLLING MILL</b>	<b>TEXTILE AUXILIARY &amp; CHEMICALS</b>
<b>TREE FARMING</b>	* Modern Technology of Non Ferrous Metals and Metal Extraction	* Textile Auxiliaries and Chemicals with Processes & Formulations
* Hand Book of Tree Farming	* Processing Technology of Steels and Stainless Steels	* Technology of Textile Chemicals with Formulation
<b>MUSHROOM PROCESSING</b>	* Modern Technology of Rolling Mill, Billets, Steel Wire, Galvanized Sheet, Forging & Castings	* Modern Technology of Textile Auxiliary and chemicals with formulations
* Hand Book of Mushroom Cultivation, Processing & Packaging	* Manufacturing Technology of Non-Ferrous Metal Products	* Textile Processing Chemicals, Enzymes, Dye Fixing Agents and Other Finishes with Project Profiles
<b>BIOFERTILIZERS &amp; VERMICULTURE</b>	<b>FOOD ADDITIVES/CHEMICALS AND SWEETENERS &amp; FOOD EMULSIFIERS</b>	<b>DISINFECTANTS, CLEANERS, PHENYL, DEODORANTS, DISHWASHING DETERGENTS ETC.</b>
* Biofertilizers & Vermiculture	* Modern Technology of Food Additives, Sweeteners and Food Emulsifiers	* Manufacture of Disinfectants, Cleaners, Phenyl, Repellents, Deodorants, Dishwashing Detergents & Aerosols with Formulations
<b>BIODEGRADABLE PLASTICS AND POLYMERS</b>	* Technology of Food Chemicals, Pigments and Food Aroma Compounds	<b>COFFEE &amp; COFFEE PROCESSING</b>
* Modern Technology of Biodegradable Plastics and Polymers With Processes (Bio-Plastic, Starch Plastics, Cellulose Polymers and Others)	<b>DISPOSABLE MEDICAL PRODUCTS</b>	* Start Your Own Coffee & Coffee Processing
* Production of Biodegradable Plastics and Bioplastics Technology	* Technology of Disposable Medical Products	<b>CASTING TECHNOLOGY</b>
<b>FROZEN FOOD AND FREEZE DRYING</b>	<b>SOYA MILK, TOFU &amp; SOY PRODUCTS</b>	* Casting Technology Hand Book
* Complete Hand Book on Frozen Food Processing & Freeze Drying Technology	* Technology of Soya Milk, Tofu, Hydrolyzate, Allied Soyabean Products with project Profiles	<b>ONION DEHYDRATION</b>
* Modern Technology of Frozen Food Products	* Technology of SOYBEAN Products with Formulae	* Onion Cultivation, Dehydration, Flakes, Powder, Processing & Packaging Technology

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

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<b>MULTIPLE PROJECT REPORTS IN CD-ROM AT ECONOMY COSTS</b>	<b>MULTIPLE PROJECT REPORTS IN CD-ROM AT ECONOMY COSTS</b>	<b>MULTIPLE PROJECT REPORTS IN CD-ROM AT ECONOMY COSTS</b>
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	58. 43 Iron, Steel, Casting Fabrication, Wire Drawing & Rolling Mills Projects
2. 6 Agarbatti and Allied Projects	34. 24 Soap & Detergents	59. 44 Textile, Garments, Hosiery & Allied Products
3. 6 Lucrative Project on Thinners	35. 25 Ayurvedic/Herbal Pharmacy and Cosmetic Products	60. 45 Profitable Chemicals and Allied Projects
4. 7 Power Based Projects	36. 25 PVC (Polyvinyl Chloride) & PVC Based Profitable Projects	61. 45 InfoTech/IT, Hospitality, Hospital, College, School, Medical, Entertainment Club, Ware Housing & Real Estate Projects
5. 8 Mango and Mango Based Projects	37. 26 New Educational Projects (Schools, Colleges, Training/ Management Institutes, Hostels etc.	62. 46 Projects on Infrastructure, Real Estate, Hotels, Hospitals, Hospitality
6. 9 Poultry Farming, Chicken Processing and Hatchery Projects	38. 28 Fruit Juices, Food Dehydration & Allied Projects	63. 50 Electrical, Electronic & Computer/IT Based Industries
7. 9 Tea Plantation & Processing Based Industries	39. 28 Multi Crores Profitable Projects (10 Cr. to 50 Cr.)	64. 52 Cosmetics (Herbal & Synthetics) Projects
8. 9 Wheat and Wheat Projects	40. 28 Profitable Multicrores Projects (2 Cr. to 8 Cr.)	65. 52 Food, Dairy, Bakery, Confectionery & Snacks Projects
9. 10 Coconut & Coconut By Products	41. 28 Multicrore Lucrative Projects (100 Cr. to 300 Cr.)	66. 52 Small Scale 25 to 50 Lacs Investment Projects
10. 10 Leather Tanning, Garments, Footwear, Chemicals Industries	42. 28 Surgical & Disposable Projects	67. 54 Paints, Varnish, Solvent Lacquers, Resins, Enamel Powder Coating Projects
11. 10 Maize & Corn Processing Projects	43. 29 New Profitable (1.5 Cr. to 3 Cr.) Projects	68. 55 Profitable Products from Agro & Other Industries Wastes
12. 10 Molasses Based Lucrative Projects	44. 30 Chemicals, Mechanicals, Packaging & Other Profitable Projects	69. 56 Agro Based & Food Processing Projects
13. 11 InfoTech/IT Lucrative Projects	45. 31 Essential Oils, Perfumes, Flavours & Aromatic Perfumery	70. 57 Small Scale 50 Lacs to 1 Crore Investment Projects
14. 11 Solar & Solar Based Products	46. 31 Profitable Plantation, Cultivation and Farming Projects	71. 63 Multi Crores Profitable Project (2 Cr. to Rs. 2500 Cr.)
15. 12 Mosquitoes Preventive Projects	47. 33 Sweets, Namkeen, Snacks etc.	72. 63 Packaging & Allied Projects
16. 13 Fish Farming & Fishery Projects	48. 35 Gums, Adhesives & Resins Projects	73. 67 Rubber & Rubber Goods Industry
17. 14 Potato & Potato based Projects	49. 35 Profitable New Industries	74. 75 Entertainment, Infotech, Educational, Management
18. 14 Roasted/Salted Cashew Nuts, Almonds, Namkeens, Spices	50. 36 Printing & Allied Projects	75. 83 Exports Oriented Units Projects
19. 15 Profitable 1 to 1.5 Cr. Projects	51. 37 Aluminium & Aluminium Industry	76. 92 New Lucrative Projects
20. 16 Multi Crores Profitable Projects (Above 50 Cr Projects)	52. 38 Biofertilizer, Biofuel, Enzyme, Organic Farming & Manure, Protein & Allied Lucrative Projects	77. 99 Printing & Packaging Projects
21. 16 Food Processing & Pharma	53. 41 Plastic Extrusion and Extruder Based Industries	78. 100 Food Processing and Agro Based Profitable Projects
22. 19 Multi Crores Profitable Projects (From 1-10 Cr. Projects)	54. 42 Electroplating, Anodizing Projects	79. 100 Plastic, Polymer & Allied Projects
23. 19 Rice Husk, Bagasse & Molasses Based Profitable Projects	55. 42 Hospitality, Building Materials, Power, Steels, Alcohol & Food	80. 160 New Exports Oriented Units and Most Profitable Projects
24. 20 Automotives, Refrigerators/Air Conditioners, Display Coolers, Kitchen Products, Rolling Mills	56. 42 Paper & Pulp, Paper Board & Paper Converting Industries	81. 212 Highly Demandable Profitable Projects
25. 20 Copper & Copper Based Industry	57. 43 Automobile Parts, Gears, Polish, Petrol Pump, Components, Service	
26. 21 Bakery & Allied Projects		
27. 22 Alcohol, Beer, IMFL, Country Liquor, Wine & Other Related Projects		
28. 23 Canning, Dehydration, Dairy, Jatropa, Fish & Other Projects		
29. 23 Dairy Farming, Dairy Products & Other Milk Processing Industry		
30. 23 Injection Moulded Plastic Products		
31. 23 Profitable Construction Projects		
32. 24 Fruits/Veg. and Allied Food Dehydration Projects		

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