

HI-TECH PROJECTS

(An Industrial Monthly Magazine on New Project Opportunities and Industrial Technologies)

DECEMBER 2019 Issue
(E-copy)



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JUST PREPARED NEW PROJECTS FOR YOU

PLASTIC RECYCLING AND PLASTIC PRODUCTS PLANT (TANKS, BUCKETS, MUGS, JUGS, DUSTBIN, ROAD DIVIDER ETC.) [CODE NO.3341]

Plastic recycling is the process of recovering scrap or waste plastic and reprocessing the material into useful products. Since the vast majority of plastic is non-biodegradable, recycling is a part of global efforts to reduce plastic in the waste stream, especially the approximately eight million tons of waste plastic that enter the Earth's ocean every year. This helps to reduce the high rates of plastic pollution. Plastic recycling includes taking any type of plastic, sorting it into different polymers and then chipping it and then melting it down into pellets. After this stage, it can then be used to make items of any sort such as plastic chairs and tables. Soft plastics are also recycled such as polyethylene film and bags. This closed-loop operation has taken place since the 1970s and has made the production of some plastic products amongst the most efficient operations today. Compared with lucrative recycling of metal and similar to the low value of glass, plastic polymers recycling is often more challenging because of low density and low value. There are also numerous technical hurdles to overcome when recycling plastic. A macro molecule interacts with its environment along its entire length, so total energy involved in mixing it is largely due to the product side stoichiometry. Heating alone is not enough to dissolve such a large molecule, so plastics must often be of nearly identical composition to mix efficiently.

COST ESTIMATION

Plant Cap: PLASTIC RECYCLING &
PRODUCTS PLANT

Land & Building (10000 SqMt)	Rs.5 Cr
Plant & Machinery	Rs. 2 Cr
Working Capital 2 Months	Rs.6 Cr
Total Capital Investment	Rs.14 Cr
Rate of Return	37%
Break Even Point	50%

STAINLESS STEEL PIPES MANUFACTURING [CODE NO.3334]

Stainless steels are iron-based alloys usually containing at least 11.5% chromium. Other elements, nickel being the most important, may be added in combination with chromium to obtain special properties. Stainless steels are highly resistant to corrosive attack and to oxidation at high temperatures. In general, resistance to corrosion and oxidation increases progressively, though not proportionately, with the increase in chromium content. Stainless steel pipe and tubing are used for a variety of reasons: to resist corrosion and oxidation, to resist high temperatures,

for cleanliness and low maintenance costs, and to maintain the purity of materials which come in contact with stainless. The inherent characteristics of stainless steel permits the design of thin wall piping systems without fear of early failure due to corrosion. The use of fusion welding to join such piping eliminates the need for threading. Type 304 stainless is the most widely used analysis for general corrosive resistant tubing and pipe applications, it is used in chemical plants, refineries, paper mills, and food processing industries. Type 304 has a maximum carbon content of .08%. It is not recommended for use in the temperature range between 800° F and 1650° F due to carbide precipitation at the grain boundaries which can result in intergranular corrosion and early failure under certain conditions. Type 304L is the same as 304 except that .03% maximum carbon content is maintained which precludes carbon precipitation and permits the use of this analysis in welded assemblies under more severe corrosive conditions. Type 316 is much more resistant to pitting than other chromium nickel alloys due to the addition of 2% to 3% molybdenum. It is particularly valuable wherever acids, brines, sulphur water, seawater or halogen salts are encountered. Type 316 is widely used in the sulphite paper industry and for manufacturing chemical plant apparatus, photographic equipment, and plastics.

COST ESTIMATION

Plant Capacity	4 MT/Day
land & Building (8000 Sq.Mtrs)	Rs. 5 Cr
Plant & Machinery	Rs. 2.28 Cr
Working Capital 2 Months	Rs. 4.49 Cr
Total Capital Investment	Rs.12.Cr
Rate of Return	32%
Break Even Point	47%

KITCHEN MASALAS (SPICES) [EIRI/3250]

Spices which are basically plant products, have a definite role to play in enhancing the taste flavour, relish or piquancy of any food, most of the spices are fragrant, aromatic and pungent. They comprise seeds, barks, rhizome, leaves fruits and other parts of plants, which belong to variegated species and genera since time immemorial, India is renowned to be the home of spices. Most important spices like black pepper (king of spices) cardamom (queen of spices) ginger, chillies and turmeric, which are produced in India import it great reputation, and these constitute.

COST ESTIMATION

Plant Capacity	3 Ton/Day
Land & Building (1600 sq.mt.)	Rs. 1.88 Cr.
Plant & Machinery	Rs. 90 Lacs
W.C. for 1 Month	Rs. 2.47 Cr.
Total Capital Investment	Rs. 5.33 Cr.
Rate of Return	32%
Break Even Point	48%

NAMKEEN INDUSTRY [EIRI/3251]

India is one of the few countries that continues to see brisk growth in spite of the ongoing economic slow-down at a global level. A 7.6% growth in Fiscal 2017 has been forecast by the RBI. It is expected that with the revival of industrial activity, introduction of policies favourable to industries, "Make in India" promotions, and low energy costs the actual growth may be higher than predicted. The large population and the increasing number of youth in the country are fuelling the demand for various products, which is infusing liquidity in the market. With a large population, the food market in India is seeing large investments. The current Indian foods market is estimated at 22,700 billion and is expected to grow at a CAGR of 11%. The food industry has received FDI of about USD 6.7 billion in the last 15 years with a further potential to receive over USD 33 billion in the next ten years.

COST ESTIMATION

Plant Capacity	8 Ton/Day
Land (2000 sq.mt.)	Rs. 2.24 Cr.
Plant & Machinery	Rs. 1.25 Cr.
W.C. for 2 Months	Rs. 3.84 Cr.
Total Capital Investment	Rs. 7.45 Cr.
Rate of Return	43%
Break Even Point	38%

CANDY MANUFACTURING [EIRI/3252]

Candy making is the preparation of candies and sugar confections. Candy is made by dissolving sugar in water or milk to form syrup, which is boiled until it reaches the desired concentration or starts to caramelize. The type of candy depends on the ingredients and how long the mixture is boiled. Candy comes in a wide variety of textures, from soft and chewy to hard and brittle. A chocolatier is a person who prepares confectionery from chocolate, and is distinct from a chocolate maker, who creates chocolate from cacao beans and other ingredients. Cotton candy is a form of spun sugar often prepared using a cotton candy machine. Making candy can be hazardous due to the use of boiled sugar and melted chocolate. Boiling sugar often exceeds 150°C (302°F) hotter than most cooked foods and the sugar tends to stick to the skin, causing burns and blisters upon skin contact. Worker safety programs focus on reducing contact between workers and hot food or hot equipment, and reducing splashing, because even small splashes can cause burns.

COST ESTIMATION

Plant Capacity	12 Ton/Day
Land (2000 sq.mt.)	Rs. 2.32 Cr.
Plant & Machinery	Rs. 1.72 Cr.
W.C. for 2 Months	Rs. 3.11 Cr.
Total Capital Investment	Rs. 7.32 Cr.
Rate of Return	31%
Break Even Point	50%

Best Industries to Start and Grow

MANGO, BANANA, HONEY, COCONUT & VEGETABLE PROCESSING PLANT [CODE NO 3329]

India is the second largest producer of vegetables in the world (surpassed only by China), accounting for about 10 per cent of the world's production. In 2002, India produced 78.2 million tons from 5.73 million ha of land. Indian farmers grow an amazing number that is 175 different vegetables but potato, tomato, onion, cabbage and cauliflower account for 60 per cent of total production. It is projected that the domestic vegetable requirements will rise from current levels of 83-91 million tons to 151-193 million tons by 2030. Indian farmers today cannot meet the high domestic demand for vegetables, as India imports approximately \$678 million of vegetables annually. To increase domestic vegetable production, improvements are first needed in the vegetable seed industry. There are now more than 50 seed companies developing new vegetable varieties, with increased emphasis on high-yielding hybrids. The Indian Council of Agricultural Research has three major institutes for conducting research on vegetables: Indian Institute of Horticultural Research (IIHR) in Bangalore, Indian Institute for Vegetable Research (IIVR) at Varanasi, and Indian Agriculture Research Institute (IARI) in New Delhi. Almost all agricultural universities and the State Department of Agriculture are involved in vegetable research and development. Among the 25,000 plant scientists in India, at least 1,000 are conducting research on vegetables. To increase year-round vegetable consumption, the seasonality of production must be reduced. Processing can make vegetables more accessible year-round, but less than 7 per cent of India's vegetable production is processed. Another factor that limits consumption is post-harvest damage. Currently 20-25 per cent of vegetables produced are lost due to poor post-harvest handling, and in the case of tomato and cabbage, Post-harvest losses are as high as 60 per cent. To remedy these losses, special cold storage vegetable markets and supermarkets are emerging in metropolitan areas. Specialized vegetable marketing centers are organized in strategic locations and vegetables farmers receive assistance to transport and systematically market their produce. Banana is a globally important fruit crop with 97.5 million tones of production. In India it supports livelihood of million of people. With total annual production of 16.91 million tones from 490.70 thousand ha., with national average of 33.5 T/ha. Maharashtra ranks first in production with 60 T/ha. Banana contributes 37% to total fruit production

in India. Banana is one of the major and economically important fruit crop of Maharashtra. Bananas occupy 20% area among the total area under crop in India. Maharashtra ranks second in area and first in productivity in India. Jalgaon is a major Banana growing district in Maharashtra which occupy 50,000 hectares area under Banana. But most of Banana is grown by planting suckers. The technology development in agriculture is very fast, it results in developing Tissue Culture Technique. Banana is highly nutritious and easily digestible than many other fruits. Digestion time of banana fruit is less (105 min) than apple (210 min). Bananas are popular for aroma, texture and easy to peel and eat, besides rich in potassium and calcium and low in sodium content.

COST ESTIMATION

Plant Cap: MANGO BANANA HONEY, COCONUT	
Land & Building (8 Acres)	Rs.13.46 Cr
Plant & Machinery	Rs. 12.80 Cr
Working Capital 3 Months	Rs. 47 Cr
Total Capital Investment	Rs. 75 Cr
Rate of Return	22%
Break Even Point	52%

HERBAL EXTRACT, ESSENTIAL OILS, SPICES AND VALUE ADDITION [CODE NO.3339]

Essential oil also called ethereal or volatile oils are volatile odoriferous bodies of an oily character derived mostly from vegetable sources. They occur in small concentrations in special cells, glands or ducts, either in one particular organ of the plant or distributed over many part e.g. leaves, barks, roots, flowers or fruits. Occasionally, they are present in combination with sugars, as glycosides, e.g. amygdalin in bitter almonds and sinigrin in mustard seeds, and are liberated when the glycosides are hydrolyzed. Essential oils are insoluble in water, but freely soluble in alcohol, ether, fatty oils and mineral oils. They are commonly liquid at ordinary temperature and some of them deposit solid matters on standing most of the essential oils are optically active, are lighter than water and possess high refractive index. They are composed of a number of chemical compounds:- Hydrocarbons, Alcohols, Ethers, Aldehydes Ketones, Oxides and lactones etc. M. Indica is found largely in the greater part of India upto an altitude of 1200 M. Its bark is dark colour and cracked. Its leaves are clustered near the ends of the branches. It is coriaceous, pubescent when young almost glabrous when mature the flowers of this tree are dense fascicles near ends of branches. They may be small, calyx, corolla tubular and fleshy. M. Indica is

found in mixed deciduous forests, usually of a somewhat dry type, often growing on rocky and sandy soil and turning on the deccan trap. It is common throughout central India, Mumbai and Andhra Pradesh. It is also common in the drier type of sal forests in Madhya Pradesh. It is much planted in the plains of northern India and Deccan peninsula when forest land is cleared for cultivation, mahua trees are carefully preserved.

Essential Oils:-

Products derived from plants in which the odoriferous characteristics are concentrated. Essential oils are also known as "Volatile" and "etheral" oils, in contradistinction to the fixed or glyceride vegetable and animal oils and the mineral oils. Essential oils have been obtained from about eighty-seven plant families, and at times different essential oils can be secured from different parts of the same plant. For instance, the flowers of the orange tree yield oil of neroli, or oil of orange flowers; the rind yields orange oil, and another essential oil is obtained from the leaves. Classification. The essential oil can be classified in several ways. According to use, essential oils are divided into three broad classes: (1) those used for perfumery, soap, and cosmetics; (2) those used for flavouring foods and beverages; and (3) those used for therapeutic purposes. According to preparation there are five principal groups of essential oils namely, oils obtained (1) by expression, (2) by distillation, (3) by solvent extraction, (4) by counter current extraction, and (5) by enfleurage. According to sources, essential oils are classified by the eighty-seven plant families mentioned above and also by the various parts of the plant which are utilized (e.g. fruits, seeds, buds and flowers, leaves and stems, roots, bark, or wood). Classification according to geographical origin is also common since superior types of essential oils are produced in specific geographical areas that have favourable soil and climatic conditions. Properties. Essential oils are generally colorless to slightly yellowish when freshly distilled but when foreign matter is present, the color may range from red to blue.

COST ESTIMATION

Plant Capacity: HERBAL EXTRACT, ESSENTIAL OILS...	
Land & Building (2000 Sq.Mt)	Rs.1.45Cr
Plant & Machinery	Rs. 2 Cr
Working Capital 2 Months	Rs. 2.11 Cr
Total Capital Investment	Rs. 5.44 Cr
Rate of Return	24%
Break Even Point	57%

POLYOL FROM PROPYLENE OXIDE [CODE NO. 1993]

Plant capacity	20 MT./day
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Start Your Own Industry

25 PVC (POLY VINYL CHLORIDE) & PVC BASED PROFITABLE PROJECTS

DEXTROSE SALINE (I.V. FLUID) [CODE NO. 3007]

Intra venous fluids, in general are used as I.V drips for patients in nursing homes and hospitals suffering from acute dehydration or considerable debilitating conditions. These I.V fluids replenish the body fluids. Though a number of I.V fluids are there, generally three types of I.V fluids are used in hospitals as I.V drips. They are as follows:- 1. Dextrose injection fluid, 2. Dextrose and sodium chloride injection fluid. Crystalloid: Balanced salt/ electrolyte solution; for msa true solution and is capable of passing through semi permeable membranes. May be isotonic, hypertonic or hypotonic. Normal Saline (0.9% NaCl), Lactated Ringer's, Hypertonic saline (3, 5, & 7.5%), Ringer's solution. However, hypertonic solutions are considered plasma expanders as they act to increase the circulatory volume via movement of intracellular and interstitial water into the intravascular space.

COST ESTIMATION (ALL FIGURES IN LACS)

Plant Capacity	655200 Bottles/day
Land & Building (32000)	Rs. 1,984 Th.
Plant & Machinery	Rs. 12,450 Th.
W.C. for 1 Month	Rs. 921.77 Th.
Total Capital Investment	Rs. 15,425 Th.
Rate of Return	25%
Break Even Point	57%

FLAME RETARDANT PAINTS

[CODE NO. 3006]

The term, "fire retardant paint," is a composition that, when applied to a flammable material, provides thermal protection for the material. In general, this may be done by reducing or perhaps even eliminating the tendency of the material to burn and/or reducing the rate of flame spread along the surface of the material. Preferably, use of the fire retardant paint, for example, on a solid material as the substrate, reduces surface burning characteristics significantly, say, at least about 10%, at least about 25%, or at least about 50%, when compared to untreated material, as tested by an appropriate test. For example, the test may be the ASTM E84 Steiner Tunnel Test. Without being bound by any theory, although it looks and applies like regular paint, its chemical composition changes drastically when introduced to heat. Thus, when heat is applied, the fire retardant paint may "foam up" to form an intact, fire-resistant "char-barrier" to protect the treated surface. As a result, fire is robbed of fuel and oxygen, generates less heat and smoke, and may in some circumstances extinguish itself. Fire retardant paint formulations can vary. Flame retardant coatings are designed

for application over a range of combustible or non-combustible surfaces.

COST ESTIMATION

Plant Capacity	1.00 Ton/day
Land & Building (7000 Sq.Mtr)	Rs. 69 Lacs
Plant & Machinery	Rs. 80 Lacs
W.C. for 1 Month	Rs. 63 Lacs
Total Capital Investment	Rs. 2.23 Cr.
Rate of Return	53%
Break Even Point	44%

NEEM OIL EXTRACTON USED FOR COATING OF FERTILIZER [CODE NO. 3005]

Neem oil is a vegetable oil pressed from the fruits and seeds of the neem (Azadirachta indica), an evergreen tree which is endemic to the Indian subcontinent and has been introduced to many other areas in the tropics. It is the most important of the commercially available products of neem for organic farming and medicines. Neem oil varies in color; it can be golden yellow, yellowish brown, reddish brown, dark brown, greenish brown, or bright red. It has a rather strong odor that is said to combine the odours of peanut and garlic. It is composed mainly of triglycerides and contains many triterpenoid compounds, which are responsible for the bitter taste. It is hydrophobic in nature; in order to emulsify it in water for application purposes, it is formulated with surfactants. Azadirachtin is the well known and studied triterpenoid in neem oil.

COST ESTIMATION

Plant Capacity	16.67 MT/day
Land & Building (10000)	Rs. 5.15 Cr
Plant & Machinery	Rs. 3.00 Cr
W.C. for 1 Month	Rs. 5.73 Cr
Total Capital Investment	14.27 Cr
Rate of Return	34%
Break Even Point	45%

BABY DIAPERS MANUFACTURING UNIT

[CODE NO. 3004]

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? To avoid all trouble they just wrap their babies with the diaper & baby may discharge whenever he feels to. It can retain the wetting for about two

1. BLISTER FILM P.V.C
2. FOAMED PVC COMPOUNDING & ITS PRODUCTS (PROFILES, BOARDS, PIPES, ETC.)
3. P.V.C. NON-WOVEN MAT
4. P.V.C. INSULATION TAPE
5. P.V.C. PIPES & FITTINGS
6. P.V.C. COMPOUNDING (FRESH)
7. P.V.C. BATTERY SEPARATOR
8. P.V.C. FLEXIBLE PIPES
9. P.V.C. FOOT WEAR
10. P.V.C. LEATHER CLOTH
11. P.V.C. WIRES AND CABLES
12. P.V.C. FILMS
13. P.V.C. GRANULES FROM PLASTIC WASTE
14. P.V.C. CONDUIT PIPES
15. P.V.C. COVER & FILES (CONFERENCE BAGS, FOLDERS, FILE COVERS, DIARY COVERS ETC.)
16. P.V.C./PLASTICS (SOFT/RIGID) FILMS/SHEET
17. P.V.C. INSULATION TAPE
18. P.V.C. STABILIZERS
19. P.V.C. EXTRUSION PROFILES (WIRING CHANNELS)
20. P.V.C. RESIN FROM CALCIUM CARBIDE
21. P.V.C. INDUSTRIAL PRODUCTS (INJECTION MOULDED)
22. P.V.C. FLUSH CISTERN
23. RIGID PVC COMPOUNDED GRANULES FOR INJECTION MOULDING MACHINE (USED FOR PIPE FITTINGS, ELBOWS, SOCKETS, NUTS, ETC.)
24. uPVC DOORS & WINDOWS
25. uPVC DOORS & WINDOWS PROFILES

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hours or so. Till then his mother finds a suitable time & place & removes the diapers, through it away & replace now one. This way it has given a lot of relief to new mothers. A disposable diaper consists of an absorbent pad sandwiched between two sheets of nonwoven fabric.

COST ESTIMATION

Plant Capacity	48000 Nos/day
Land & Building (2000)	Rs. 92.00 Lacs
Plant & Machinery	Rs. 2.27 Cr
W.C. for 1 Month	Rs. 1.53 Cr
Total Capital Investment	Rs. 4.79 Cr
Rate of Return	72%
Break Even Point	32%

Start Your Own Industry

SS PIPE, TUBES AND RECTANGULAR PIPES

[CODE NO. 3003]

ERW steel pipes & tubes find widespread usage across industries and fields. In addition to various engineering industries, they are used for water, oil and gas distribution, line pipes, fencing, scaffolding etc. They are also used for agricultural purposes, drinking water supply, thermal power, for hand pumps for deep boring wells and also as protection for cables (telecom), among others. Depending on the requirement of the end user industry, ERW steel pipes & tubes are available in various wall thicknesses, diameters, and qualities. The different types include line precision pipes, tubular poles, electric poles, lightweight galvanised pipes for sprinkler irrigation, among others. The industry has sufficient capacity to manufacture the different types of pipes & tubes. High performance ERW steel pipes & tubes possess high strength, toughness and are corrosion resistant.

COST ESTIMATION

Plant Capacity	60 MT/day
Land & Building (10000)	Rs. 16.08 Cr
Plant & Machinery	Rs. 2.88 Cr
W.C. for 2 Months	Rs. 72.28 Cr
Total Capital Investment	Rs. 92.34 Cr
Rate of Return	51%
Break Even Point	30%

ZINC OXIDE [CODE NO. 3002]

Zinc Oxide - This is by far the most important Zinc compound. Zinc Oxide is valuable both for direct application and for production of other zinc compounds. Pure zinc oxide is white at ordinary temperatures, becoming yellow when hot. Its density depends to some extent on the method of manufacture; the accepted value is 5.68 g/cm³. It does not melt, but sublimes at ordinary pressures. Zinc Oxide is the most important and widely used compound of zinc. A part from its direct uses in paint industry, it has application in glass, rubber, ceramics, coated fibres, textiles, and pharmaceutical and toilet industries. It can be the base chemical for the manufacture of most of the zinc compounds.

COST ESTIMATION

Plant Capacity	5 MT/day
Land & Building (5000 Sq.Mtr)	Rs. 4 Cr
Plant & Machinery	Rs. 1.01 Cr
W.C. for 3 Months	Rs. 3.20 Cr
Total Capital Investment	Rs. 8.33 Cr
Rate of Return	52%
Break Even Point	32%

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INDUSTRIAL TRAINING

INSTITUTE (ITI) [CODE NO. 3001]

As per the name suggests, Industrial training centre's/ industrial Training Institutes are set up in order to provide training to the concerned candidates in technical field. Industrial Training Centre is privately run organizations whereas the industrial Training Institutes are government made organizations. They basically provide technical training for post-schools. The basic objective of industrial Training centre is to provide training to the interested candidate and provide there access to the industries for technical manpower.

COST ESTIMATION

Plant Capacity	7000 Student/Annum
Land & Building (8000 Sq.Mtr)	Rs. 6 Cr
Plant & Machinery	Rs. 1.57 Cr
W.C. for 1 Month	Rs. 84.66 Cr
Total Capital Investment	Rs. 9.26 Cr
Rate of Return	24%
Break Even Point	72%

ENA PLANT BASED ON

SORGHUM [CODE NO. 2099]

Neutral spirit is ethanol, which will only have the characteristic taste and odour of ethanol. It is manufactured from molasses, grains and other carbohydrate raw materials. In order to classify the different types of neutral spirit according to the raw materials used for the manufacture, the value of the raw material should be prefixed as follows. Neutral spirit made from grain or malt will be named as grain neutral spirit. Similarly prefix will be used according to raw material used for manufacture. Pure Ethyl Alcohol C₂H₅O also known as absolute alcohol is a colorless mobile inflammable liquid. The term alcohol was first applied to the spirits of wine ethyl alcohol and now it refers to a series of substances with similar characteristics ethyl alcohol is the active constituent of all intoxicating liquors obtained by the fermentation of starchy materials. It is present in the days prepared in immense quantities chiefly by fermentation and finds numerous industrial uses, and is also being used as a motor fuel. Starch bearing materials potatoes, rice wheat maize sorghum etc. form another important source of alcohol potatoes were extensively used for the manufacture of alcohol in Germany before the War 1st.

COST ESTIMATION

Plant Capacity	40 KL/day
Land & Building (48000)	Rs. 28.50 Cr
Plant & Machinery	Rs. 30.00 Cr
W.C. for 1 Month	Rs. 5.53 Cr
Total Capital Investment	Rs. 65.23 Cr
Rate of Return	14%
Break Even Point	12%

WALL PUTTY CUM GRINDING

UNIT [CODE NO. 2096]

White cement based Wall Putty a plastering material to fill the holes and patches before paint primer or distemper. In general, fillers & stoppers are paste-like materials, highly pigmented, used to fill surface imperfections (fillers) and to make good gross surface defects prior to painting operations (stoppers). Caulking compounds, putties and same cements have a boiled drying oil, usually combine with resins that act as the binder putty is the thick mixture of finely powdered calcium carbonate (whiting) and acid refined linseed oil which imparts good wetting and grinding characteristics.

COST ESTIMATION

Land & Building (8000)	Rs. 2.65 Cr
Plant & Machinery	Rs. 3.50 Cr
W.C. for 2 Months	Rs. 6.10 Cr
Total Capital Investment	Rs. 12.42 Cr
Rate of Return	33%
Break Even Point	48%

NOTE BOOK & REGISTERS ETC.

[CODE NO. 2095]

A student will usually have a different exercise book for each separate lesson. Exercise book format differs from subject to subject, for the majority of subjects, the exercise book will contain lined paper with a margin, but for other subjects such as mathematics, the exercise book will be blank or contain squared paper to aid in the drawing of graphs, tables or other diagrams. On the east coast of Canada they are called "Scribblers". In India they are typically referred to as "Khatas". In some schools, exercise books can change color depending on the subject. For example, Biology might be green and Mathematics may be blue.

COST ESTIMATION

Land & Building (600)	Rs. 63.60 Lacs
Plant & Machinery	Rs. 11.25 Lacs
W.C. for 2 Months	Rs. 62.76 Lacs
Total Capital Investment	Rs. 1.40 Cr
Rate of Return	57%
Break Even Point	32%

PRE-STRESSED CONCRETE

RAILWAY SLEEPERS

[CODE NO. 2094]

Sleepers are members generally laid transverse to the rails on which the rails are supported and fixed, to transfer the loads from rails to the ballast and subgrade below.

COST ESTIMATION

Plant Capacity	600 No./day
Land & Building (8000)	Rs. 3.17 Cr
Plant & Machinery	Rs. 2.00 Cr
W.C. for 1 Month	Rs. 1.76 Cr
Total Capital Investment	Rs. 7.05 Cr
Rate of Return	34%
Break Even Point	50%

Top Industries to Start

SUGARCANE JUICE BOTTLING PLANT IN PET BOTTLES

[CODE NO. 2093]

Sugarcane juice in PET Bottles must be a demandable product as there are few units which are producing mango juice, guava juice, mixed juice and orange juice in PET Bottles but not sugar cane. PET Bottles sugar cane juice will fetch the good market as this is a new concept for our country. Preservation is done when Juice or food is kept for longer period without any deteriorated or spoils the juice by the direct contact with atmosphere. Juices are spoiled by decomposition due to aqueous content in the Juice itself and oxygen and other gases plus moisture in the atmosphere. This content provides healthy condition for micro organisms to growth which spoils the food. The oxygen present in atmosphere or air also helps the microorganisms to grow.

COST ESTIMATION

Plant Capacity	20000 BOTTLES/day
Land & Building (6000)	Rs. 3.27 Cr
Plant & Machinery	Rs. 1.35 Cr
W.C. for 3 Months	Rs. 1.23 Cr
Total Capital Investment	Rs. 6.02 Cr
Rate of Return	64%
Break Even Point	32%

DAIRY FARM (COW & BUFFALOE)

[CODE NO. 2092]

The Jersey breed originated on the Island of Jersey, a small British island in the English Channel off the coast of France. The Jersey is one of the oldest dairy breeds, having been reported by authorities as being purebred for nearly six centuries. The breed was known in England as early as 1771 and was regarded very favorably because of its milk and butterfat production. At that early date, the cattle of Jersey Island were commonly referred to as Alderney cattle although the cattle of this island were later referred to only as Jerseys.

COST ESTIMATION

Plant Capacity	600 LTR/day
Land & Building (3.5 Acre)	Rs. 29.75 Lac
Plant & Machinery	Rs. 14.15 Lacs
W.C. for 1 Month	Rs. 3.79 Lacs
Total Capital Investment	Rs. 81.24 Lac
Rate of Return	3%
Break Even Point	52%

ALUMINIUM FABRICATION (DOOR, WINDOWS, SLIDER ETC.) GLASS PLANT AND ANODIZING

[CODE NO. 2091]

Windows and doors connect the interior of a house to the outdoors, provide ventilation and daylight, and are important aesthetic elements. Windows and doors are often the architectural focal point of residential designs, yet they provide the lowest insulating value in the building

envelope. Although the efficiency of windows has improved markedly, they still represent one of the major energy liabilities in new construction. Aluminum is now widely use as the first choice for the construction of Aluminum Doors & Windows, Ventilators and Front Wall Glazing at all major construction sites such as Hotels, Offices, Complexes, Auditoriums, Hospitals, Show rooms etc. Aluminum Ladders are widely use for domestic as well as in industrial purposes and is also used for various outdoor services such as street light, multistoried buildings, industrial sheds, loco sheds and auditorium's maintenance. Aluminum fabricated items like doors, windows etc. have become that standard accepted feature in most modern buildings.

COST ESTIMATION

Plant Capacity	120 sq.mt./day
Land & Building (5000)	Rs. 3.63 Cr
Plant & Machinery	Rs. 97.50 Lacs
W.C. for 2 Months	Rs. 1.92 Cr
Total Capital Investment	Rs. 6.81 Cr
Rate of Return	21%
Break Even Point	62%

MINI SUGAR PLANT

[CODE NO. 2090]

Sugar is a universal sweetening agent and sugar - cane is the primary age - old source of it. Sugar cane is a very important industrial crop, accounting for about 60% of sugar production in the world. From the times immemorial the word "sugar" is being used variously to express delight as well as distrust sarcastically. Sugar has been used in human diet through the functions of pancreas, depending on the quantity of sugar consumed. It is must for human diet when taken directly or indirectly through various carbohydrate containing food stuffs. Sugar as sucrose is important for energy and metabolic activities.

COST ESTIMATION

Land & Building (16000)	Rs. 8.45 Cr
Plant & Machinery	Rs. 90 Cr
W.C. for 2 Months	Rs. 21.74 Cr
Total Capital Investment	Rs. 123.94 Cr
Rate of Return	10%
Break Even Point	73%

PAPER SHOPPING BAGS

[CODE NO. 2089]

Paper bags are the oldest types of packaging material and are very much prevalent in the modern days in various fields. Infact, paper bag is one of the most common and popular form of packaging. The hand made bags of paper have been a commodity of common use. However, for the manufacture of bags, the introduction of machines is of recent origin about the middle of 19th century. Since then the manufacture of paper bags has become an important industry

in itself, paper bag is the cheapest form of packaging. Such paper bags have the speciality that they are light weight, free from any contaminants like dust, and are, as well, free from shifting or 'puffing' which results in loss of contents. As for the share occupying these paper bags for general use require minimum possible space for storage and shipment, both before and after filling.

COST ESTIMATION

Plant Capacity	33333 NOS./day
Land & Building (245 sq.mt.)	Rs. 32 Lacs
Plant & Machinery	Rs. 13.00 Lacs
W.C. for 2 Months	Rs. 29.77 Lacs
Total Capital Investment	Rs. 77.08 Lacs
Rate of Return	104%
Break Even Point	32%

BULK DRUGS [CODE NO. 2088]

A bulk drug also called active pharmaceutical ingredient (API) — is the chemical molecule in a pharmaceutical product (medicines we buy from the chemist) that lends the product the claimed therapeutic effect. In other words, it is the substance responsible for the product being a medicine, penicillin to give one example. As is evident from this, there are ingredients other than the API in products sold as medicines. These inactive ingredients-exipients — may or may not change from product to product, while the bulk drug would inevitably remain the same as it is the identity of the medicine. When the bulk drug is absent, the product is no longer a medicine and when it is changed, it is a new medicine. One may ask if the existence of the inactive ingredients signify anything to the patient. In the case of most of the existing bulk drugs, change of inactive ingredients don't impact the curative quality of the product, although there are exceptions. This means the drug manufacturers more or less have the liberty to "formulate" the bulk drug using excipients of his choice depending on chemical feasibility and commercial interests. The medicines in the markets in the "form" of tablets, capsules, syrups, drops, intravenous fluids etc., are therefore "formulations." In plain language, the products we refer to as medicines are formulations (of bulk drugs) and not bulk drugs per se.

COST ESTIMATION

Plant Capacity	1500 Kgs/day
Land & Building (3000)	Rs. 3.90 Cr
Plant & Machinery	Rs. 6.05 Cr
W.C. for 2 Months	Rs. 9.78 Cr
Total Capital Investment	Rs. 20 Cr
Rate of Return	53%
Break Even Point	33%

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Best Industries to Start and Grow

DAIRY PROCESSING UNIT [CODE NO. 2087]

India has the highest livestock population in the world with 50% of the buffaloes and 20% of the world's cattle population, most of which are milch cows and milch buffaloes. India's dairy industry is considered as one of the most successful development programmes in the post-Independence period. Milk processing in India is around 35%, of which the organized dairy industry account for 13% of the milk produced, while the rest of the milk is either consumed at farm level, or sold as fresh, non-pasteurized milk through unorganized channels. Dairy Cooperatives account for the major share of processed liquid milk marketed in the India. The manufacturing of milk products is obviously high in these milk surplus States. Significant investment opportunities exist for the manufacturing of value-added milk products like milk powder, packaged milk, butter, ghee, cheese and ready-to-drink milk products.

COST ESTIMATION

Plant Capacity	50000 Ltr/day
Land & Building (67786)	Rs. 1.25 Cr
Plant & Machinery	Rs. 6.35 Cr
W.C. for 1 Month	Rs. 5 Cr
Total Capital Investment	Rs. 17.25 Cr
Rate of Return	104%
Break Even Point	21%

DEXTROSE SALINE SOLUTION MANUFACTURING PLANT (USED IN HOSPITALS, NURSING HOMES AND DOCTORS ETC. TO PATIENTS FOR REPLENISHMENT OF FLUID) [CODE NO. 2086]

Intra venous fluids, in general are used as I.V drips for patients in nursing homes and hospitals suffering from acute dehydration or considerable debilitating conditions. These I.V fluids replenish the body fluids. Though a number of I.V fluids are there, generally three types of I.V fluids are used in hospitals as I.V drips. They are as follows:- 1. Dextrose injection fluid, 2. Dextrose and sodium chloride injection fluid. Crystalloid: Balanced salt/ electrolyte solution; for msa true solution and is capable of passing through semi permeable membranes. May be isotonic, hypertonic or hypotonic. Normal Saline (0.9% NaCl), Lactated Ringer's, Hypertonic saline (3, 5, & 7.5%), Ringer's solution. However, hypertonic solutions are considered plasma expanders as they act to increase the circulatory volume via movement of intracellular and interstitial water into the intravascular space. Colloid:

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High-molecular-weight solutions, draw fluid into intravascular compartment via on cotic pressure (pressure exerted by plasma proteins not capable of passing through membranes on capillary walls). Plasma expanders, as they are composed of macromolecules, and are retained in the intravascular space.

COST ESTIMATION

Plant Capacity	60000 BOTTLES/day
Land & Building (6000)	Rs. 3.69 Cr
Plant & Machinery	Rs. 12 Cr
W.C. for 2 Months	Rs. 2.6 Cr
Total Capital Investment	Rs. 18.12 Cr
Rate of Return	22%
Break Even Point	61%

RECYCLING OF LEAD [CODE NO. 2084]

Lead is a highly corrosion resistant, dense, ductile, and malleable blue-grey metal, which has been used for at least 5000 years. In some countries, however, environmental or health consequences have eliminated or reduced its use in cable sheathing, petrol additives. Solder, shot, and pigments.

COST ESTIMATION

Plant Capacity	12 MT/day
Land & Building (5000)	Rs. 4.78 Cr
Plant & Machinery	Rs. 1.31 Cr
W.C. for 2 Months	Rs. 11.45 Cr
Total Capital Investment	Rs. 17.90 Cr
Rate of Return	32%
Break Even Point	44%

E-RICKSHAW & E-LOADERS (TUK-TUK) MANUFACTURING [CODE NO. 2083]

Electric rickshaws (also known as Tuk Tuk, e-rickshaw) have been becoming more popular in some cities since 2008 as an alternative to auto rickshaws and pulled rickshaw because of their low fuel cost, and less human effort compared to pulled rickshaws. They are being widely accepted as an alternative to Petrol/Diesel/CNG auto rickshaws. They are 3 wheels pulled by an electric motor ranging from 650-1400 Watts. They are mostly manufactured in China, only a few other countries manufacture these vehicles. Battery-run rickshaws could be a low-emitter complementary transport for the low-income people, who suffer most from a lack of transport facility, if introduced in a systematic manner according to experts. Apart from E-Rickshaw, company will also make E-Rickshaw which can carry weight up to 300 kgs.

COST ESTIMATION

Plant Capacity	28 Nos/day
Land & Building (6000)	Rs. 3.65 Cr
Plant & Machinery	Rs. 1.12 Cr
W.C. for 1 Month	Rs. 4.50 Cr
Total Capital Investment	Rs. 9.54 Cr
Rate of Return	38%
Break Even Point	41%

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Start Your Own Industry

ZINC SULPHATE MONOHYDRATE (21% CRYSTAL & 33% POWDER)

[CODE NO. 2082]

Zinc sulphate is a widely used chemical and has been known under the name of "White Vitriol". Although Zinc Sulphate (mono hydrate) occurs in nature in small quantities as mineral Glosarite, this compound is normally manufactured synthetically. It is the colourless white free flowing powder. It exists in powder form of hydrates as, ZnSo4.H2O. Zinc sulphate is also found in three hydrates forms whose molecular formulas are ZnSo4.4H2O, ZnSo4.H2O. The unstable hydrates are more soluble than stable form. The solubility of the unstable hydrate is 58.7 gm in 10gm of water at 18oc while stable shows only 52.7 gm in 100 grams. The important & popular commercial form of the compound is ZnSo4.7H2O Heptahydrated (21%), & ZnSO4. H2O. In 1978 Mr. P.N. Thakar and Mr. N.S. Randhewa of Punjab Agriculture University Ludhiana worked on "Micronutrients in Indian Agriculture" and established the areas of Zinc deficiency based on soil test and crop responses. In reference to Bihar state they found that zinc deficiency varies from 25% to 75% and even more of the normal value. It was also shown that the response of zinc sulphate was good for rice potato tea in particular and for all the cereals as a whole.

COST ESTIMATION

Plant Capacity	12 MT/day
Land & Building (4000)	Rs. 2.52 Cr
Plant & Machinery	Rs. 2.57 Cr
W.C. for 2 Months	Rs.1.42 Cr
Total Capital Investment	Rs. 6.72 Cr
Rate of Return	13%
Break Even Point	72%

SOLVENT EXTRACTION METHOD FOR CURCUMIN [CODE 2081]

Curcumin (synonyms: turmeric yellow, kurkum, INS No. 100(i)) is an orange-yellow crystalline powder. Minor amounts of oils and resins naturally occurring in turmeric may be present. The origin of the plant Curcuma longa L., which belongs to Zingiberaceae family is India. The plant is distributed throughout tropical and subtropical regions of the world, being widely cultivated in southeast Asian countries. Turmeric, i.e., the ground rhizomes of Curcuma longa L., has a long history of use in food as a spice, mainly as an ingredient in many varieties of curry powders and sauces, where curcumin from turmeric is a main colouring substance. The turmeric (Curcuma longa)

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plant, a perennial herb belonging to the ginger family, is cultivated extensively in south and southeast tropical Asia. The rhizome of this plant is also referred to as the ?root and is the most useful part of the plant for culinary and medicinal purposes. The most active component of turmeric is curcumin, which makes up 2 to 5% of the spice. The characteristic yellow color of turmeric is due to the curcuminoids, first isolated by Vogel in 1842. Curcumin is an orange-yellow crystalline powder practically insoluble in water. The structure of curcumin (C 21 H 20 O 6) was first described in 1910 by Lampe and Milobedeska and shown to be diferuloylmethane. Turmeric is used as a dietary spice, coloring agent in foods and textiles, and a treatment for a wide variety of ailments. It is widely used in traditional Indian medicine to cure biliary disorders, anorexia, cough, diabetic wounds, hepatic disorders, rheumatism, and sinusitis. Turmeric paste in slaked lime is a popular home remedy for the treatment of inflammation and wounds. For centuries, curcumin has been consumed as a dietary spice at doses up to 100 mg/d. Extensive investigation over the last five decades has indicated that curcumin reduces blood cholesterol. (Aggarwal et al., 2006).

COST ESTIMATION

Plant Capacity	30.00 Kgs/day
Land & Building (1000Sq.Mt)	Rs. 1.36 Cr
Plant & Machinery	Rs. 1.20 Cr
W.C. for 2 Months	Rs. 66.89 Lacs
Total Capital Investment	Rs. 3.30 Cr
Rate of Return	25%
Break Even Point	56%

PHTHALIC ANHYDRIDE

[CODE NO. 2080]

Phthalic anhydride is an industrially important raw material for the production of anthraquinone used in the manufacture of many vat dyes and in alizarin and alizarin derivatives. It is used directly for the fluorescein, eosine, and rhodamine dyes. Several esters are made from phthalic anhydride and are largely used in th-lacquer industry as plasticizers. It is also used to manufacture alkyd resins, the glyptal and rezyl resins, dioctyl phthalate and the poly-vinyl resins. Phthalic anhydride, first discovered by Laurent in 1863, was originally prepared by the oxidation of naphthalene with chromic acid. The early methods of manufacture of phthalic anhydride involved liquid phase processes in which expensive nitric and chromic acids were used as the oxidizing agents. The growing demand for phthalic anhydride as an intermediate for dye manufacture in the latter part of the nineteenth century made it imperative that cheaper means for its production be obtained. Consequently, a method of oxidizing naphthalene by

sulfuric acid in the presence of mercury salts to form phthalic anhydride was developed. The discovery of the effectiveness of the oxides of the metals of the fifth and sixth groups of the periodic table, especially of vanadium and molybdenum oxides, in the vapor phase oxidation of naphthalene by air led to the present production. on a large commercial scale, of phthalic anhydride in either fixed or fluidized bed reactors.

COST ESTIMATION

Plant Capacity	10.00 MT./day
Land & Building (6000Sq.Mt)	Rs. 3.28 Cr
Plant & Machinery	Rs. 4.50 Cr
W.C. for 2 Months	Rs. 2.45 Cr
Total Capital Investment	Rs. 10.68 Cr
Rate of Return	14%
Break Even Point	68%

SERVICE APARTMENT

[CODE NO. 2078]

A serviced Apartment is a type of furnished, self contained apartment designed for short term stays. Serviced apartments usually come equipped with amenities that can be found in a regular home, such as a refrigerator, microwave, cutlery, washer/dryer. TV, and internet access. In addition, many offer a dining area and a dedicated work space. Prices for serviced apartments are typically lower than equivalent hotels rooms, especially when the stay is prolonged. The concept of a luxurious and sophisticated apartment in the heart of the central business district, with cleaning services and access to high class facilities and amenities is nothing new, but recently the service apartment, with its superior features and lower costs, is increasingly becoming the norm in Asia. Luckily in India, in the real estate sector this concept of "Serviced Apartment" is gaining momentum which is evident from the fact that the real estate developers in almost all the big towns of India have now started constructing serviced apartments.

COST ESTIMATION

Land & Building (1600Sq.Mt)	Rs. 21.13 Cr
Plant & Machinery	Rs. 2.75 Cr
W.C. for 2 Months	Rs. 1.03 Cr
Total Capital Investment	Rs. 26.71 Cr
Rate of Return	18%
Break Even Point	57%

INSTANT TEA [CODE NO. 2077]

Extraction may be effected by a variety of method among which counter current extraction and percolation methods have been widely used.

COST ESTIMATION

Plant Capacity	2.50 MT/day
Land & Building (4000Sq.Mt)	Rs. 1.86 Cr
Plant & Machinery	Rs. 10.00 Cr
Total Capital Investment	Rs. 15.39 Cr
Rate of Return	33%
Break Even Point	49%

Best Industries to Start and Grow

CALCIUM CHLORIDE USING LIME STONE AND HYDROCHLORIC ACID [CODE NO. 2076]

Calcium chloride is widely distributed in nature, but in small concentration, as a constituent of saline matter dissolved in sea, spring, river and lake, waters. Deposits of tachydrate calcium chloride do not occur in India. Calcium chloride is a compound of calcium and chlorine, widely used in industry as an addition in drinking water, anti-dust treatment of roads, sports ground, tennis courts, tiding trades, public squares, building yard, road stabilization etc. It can be prepared by the reaction with Hydrochloric acid and lime stone, saline water with lime stone by reaction with hydrated lime and chlorine etc. Large quantities of calcium chloride are present in the distiller waste of the ammonia soda process for soda and manufacture for every ton of soda ash produced, one ton of calcium chloride is obtained. The composition of the waste liquor varies according to the quality of brine and lime stone used, the volume of feed liquor to be distilled per ton of ash, the percentage decomposition in the towers, and the strength of milk of lime employed. Normally, 10-12 cum of waste liquor containing 85-95 g/litre. of calcium chloride are obtained per ton of soda ash.

COST ESTIMATION (US\$)

Plant Capacity	480 Ton/day
Land & Building (50,000Sq.Mt)	US\$ 48.55 Lacs
Plant & Machinery	US\$ 2.11 Cr
W.C. for 2 Months	US\$ 50.35 Lacs
Total Capital Investment	US\$ 3.14 Cr
Rate of Return	15%
Break Even Point	68%

GINGER GARLIC PASTE [CODE NO. 2075]

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, spathes long, beaked, enclosing heads bearing solid bulbils; flowers small, white, prolonged into leafy points. History and Origin:- Garlic is native to the mountainous regions of central Asia from where it spread in prehistoric times to the mediterranean region. Clay models of garlic have been excavated in Egypt. It reached China at an early age and was probably carried to the western hemisphere by the Spanish, the Portuguese, and the French. It has been

suggested that the wild ancestor of garlic was a flowering form producing seeds on aerial bulbils. Under different soil and climatic conditions, and due to different methods of cultivation in the ancient centres of civilization different varieties arose. The non-flowering varieties are thought to have arisen as a result of interference with the natural life cycle caused by storage.

COST ESTIMATION

Plant Capacity	500 Kgs/day
Land & Building (500Sq.Mt)	Rs. 54.00 Lacs
Plant & Machinery	Rs. 12.00 Lacs
W.C. for 1 Month	Rs. 9.59 Lacs
Total Capital Investment	Rs. 79.59 Lacs
Rate of Return	33%
Break Even Point	60%

S.S. NEEDLES FOR MEDICAL & OTHER USES (HYPODERMIC NEEDLES) WITH DISPOSABLE SYRINGE PLANT (ALL SIZE) [CODE NO. 2074]

Syringe is an instrument which is used for injecting any liquid into the body of human beings or of animals. It consists of a cylinder and an air tight piston. These syringes are used for injecting the medicine into the body or into the nerve of the body which are not possible to take in through mouth or takes much time in mixing with blood. These syringes are available in sizes varying from 2 C.C. to 100 C.C. Most popular and commonly used sizes are 2 C.C., and 5 C.C. Other sizes are also frequently used but upto lesser extent. Previously glass was used for making these syringes, the most commonly used glass is Pyrex glass.

COST ESTIMATION

Land & Building (3500Sq.Mt)	Rs. 5.80 Cr
Plant & Machinery	Rs. 2.68 Cr
W.C. for 2 Months	Rs. 1.83 Cr
Total Capital Investment	Rs. 10.71 Cr
Rate of Return	34%
Break Even Point	47%

WOODEN TOYS [CODE NO. 2073]

Wooden toys not only appeal to children for play, but also to adults for home and office decorations. Manufacturing wooden toys is a wonderful home based business opportunity that can be activated for peanuts and has the potential to return big profits. Marketing the toys can be accomplished by way of wholesale sales to merchants, the internet, mail-order catalogs, craft shows, mall kiosks and home shopping parties. Traditionally, popular wooden toys include trains, jigsaw puzzles, cars, numbered building blocks and wooden soldiers. But that's just the tip of the iceberg. The only limitation to the different kinds of wooden toys that can be designed and manufactured is your own imagination. Additionally, approach local building and home

improvement centers to see if they'll let you set up a mini-manufacturing facility right in their store. If this can be accomplished, it would be a great marketing tool to be able to build the toys in front of a live audience. The requirements for type of woodworking business enterprise are relatively basic, and include woodworking skills and a well-equipped woodworking shop.

COST ESTIMATION

Plant Capacity	2,50,000 Nos.
Land & Building	Rs.1.40 Cr
Plant & Machinery	Rs. 40.00 Lacs
W.C. for 2 Months	Rs. 29.87 Cr
Total Capital Investment	Rs. 2.16 Cr
Rate of Return	19%
Break Even Point	67%

ALUMINIUM COMPOSITE PANELS (ACP) WITHOUT COIL COATING [CODE NO.3317]

Aluminium Composite Panels (ACP) are mainly light-weight composite material consisting of two pre-finished aluminium cover sheets heat-bonded (laminated) to a core made of polyethylene plastic material, available in 3mm, 4mm, and 6mm thicknesses after finishing and can be curved and bent to form corners. These panels are used widely as exterior covering of commercial buildings and corporate houses. While adding to aesthetic beauty of the structure, they are also resistant to acid, alkali salt spray, pollution and provide good thermal as well as sound insulation. These Panels are widely used due easy maintenance in almost any kind of climate through normal wash with water and mild detergent that ensures long lasting performance. Aluminium Composite Panels consist of two thin sheets of aluminium continuously bonded to a polyethylene core. This polyethylene core of the aluminium composite panel is faced with two thin sheets of aluminium. The aluminium is bonded onto the core during the manufacturing process and it is virtually impossible to separate the layers of material once they have been bonded. Features Super smoothness, density, glossiness coating layer. Rigid, good anti-scratching surface. Excellent self-cleaning character. The dust in air can not stick on this panel face strongly. Even dust encloses cladding face, cleaning job is very easy, operator can use nature water to wash the panel face, dust will disappear, no scratching marks.

COST ESTIMATION

Plant Capacity	5000 Sq.mt./Day
Land & Building (6000SqMt)	Rs. 5.46 Cr
Plant & Machinery	Rs. 2.60 Cr
Working Capital 1 Month	Rs. 5 Cr
Total Capital Investment	Rs. 13.45 Cr
Rate of Return	72%
Break Even Point	34%

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- * SOYA MILK AND PANEER
- * MINERAL TURPENTINE OIL (MTO)



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<ul style="list-style-type: none"> * STEEL FABRICATION * STEEL ROLLING MILL (REINFORCEMENT BAR) * ACRYLIC BATH TUB BY ACRYLIC SHEET * FABRICATION OF HEAT EXCHANGER * KITCHEN PRODUCTS MADE OF STAINLESS STEEL * ALUMINIUM BEVERAGE CAN * STEEL ROLLING MILL (BY INDUCTION FURNACE FROM STEEL SCRAP & SPONGE IRON * M.S. BILLET CASTING WITH INDUCTION FURNACE FROM STEEL SCRAP & SPONGE IRON * PROCESSING OF LOW GRADE TUNGSTEN ORE FULL BODY & CHASSIS BUS PLANT * ASSEMBLY OF AIR – CONDITIONER/CHEST FREEZER/REFRIGERATOR * G.I.LADDER & PERFORATED TRAYS * ALUMINIUM DOORS & WINDOWS (ALUMINIUM FABRICATION) * LEAF SPRINGS FOR TRACTOR DRAWN TROLLEYS & FOUR WHEELER TEMPOS * STEEL BRIGHT BARS * AUTOMOTIVE ENGINE VALVE * AUTOMOTIVE BRAKING SYSTEM * DISPLAY COOLER * ERW STEEL PIPES & TUBES * STEEL INGOTS * TMT STEEL BARS (SARIYA) * AUTOMOBILE TRACTORS * ACTIVATED ALUMINA BALLS * ALUMINIUM FOIL * STONWARE PIPE (S.W.PIPE)/ CLAY PIPE * IRON ORE PELLETIZATION * ELECTRIC CONTROL PANEL * SOLAR PV POWER PLANT * MACHINE SHOP (FOR OIL AND GAS ENGINEERING INDUSTRY, AEROSCAPE ENGINEERING INDUSTRY) * STEEL BRIGHT BARS * CEILING FAN * COPPER STRIP COILS FROM SCRAPS * PRODUCTION OF PV PANELS (SOLAR PV PANELS) * ROTARY AIR LOCKS, SCREW CONVEYOR, MOTORIZED/ PNEUMATIC DAMPER, FLAP VALVES, AIR SLIDES REQUIRED IN CEMENT PLANTS AND THERMAL POWER PLANT * ALUMINIUM EXTRUSION 	<ul style="list-style-type: none"> * ALUMINIUM COIL COATING FOR ACP AND ROOFING IND. * PAVING BLOCK * WIRE NAILS * TMT STEEL BARS * FASTENERS/NUT & BOLTS (INDUSTRIAL &AUTOMOBILE) * HYDRAULIC CYLINDERS * DISPOSABLE SYRINGES WITH NEEDLE PLANT * FABRICATION UNIT (PRESSURE VESSEL, REACTOR VESSEL & AGITATORS, HEAT EXCHANGERS) & SEAMLESS PIPES AND TUBES * COPPER POWDER FROM COPPER SCRAP * STONE CRUSHER * PRODUCTION OF ALL TYPES OF FANS SUCH AS AXIAL FANS,CENTRIFUGAL FANS (SMOKE EXTRACT FANS & FRESH AIR SUPPLY FANS), BATHROOM FANSETC. * STONE MINING * MAHINDRA CAR DEALERSHIP WITH AUTOMOBILE SERVICE STATION/GARAGE * AUTO FILTERS (AIR FILTERS, OIL FILTERS & FUEL FILTERS) * AAC & ACSR ALUMINIUM CONDUCTORS * MANGANESE ORE JIGGING * STEEL TRANSMISSION LINE TOWERS AND ROLLING MILL TO PRODUCE STEEL SECTIONS * FERRO SILICON (FROM MINERAL INGREDIENTS) STAINLESS STEEL TUBES * M.S.FASTENERS AND S.S. FASTENERS * PREFABRICATED STEEL FRAMED BUILDING MANUFACTURING PLANT * LEAD ACID BATTERY * GALVANISED WIRE * POWER TRANSFORMER (50 KVA TO 2000 KVA) * M.S. PIPE * GALVANISED IRON SHEETS * M.S.BILLETS * STEEL GRATING (GALVANISING ELECTRO FORGED STEEL GRATING) * ALLOY WHEELS PLANT * ESTABLISHMENT OF MANUFACTURING OF REFRIGERATING APPLIANCE * WELDED WIRE MESH * ALUMINIUM COLD ROLLING MILL FOR SHEETS & CIRCLES * ALUMINIUM ROLLING MILL FOR MANUFACTURING ALUMINIUM CIRCLES 	<ul style="list-style-type: none"> REQUIRED FOR PRESSURE COOKERS, NON STICK COOKWARES & CIRCLES * LPG CYLINDER * ALUMINIUM COMPOSITE PANNELS * DEEP FREEZER ENVIRONMENTAL CLEARANCE FOR EXPANSION OF INGOTS/ BILLETS PLANT * FERRO SILICON BY SMELTING PROCESS * ALUMINIUM CONDUCTOR * PRESTRESSED CONCRETE POLES * FASTENERS (NUT & BOLT) USED IN OIL AND GAS * ALUMINIUM ALLOY PLANT * STAINLESS STEEL SINKS * ALUMINIUM ALLOY PLANT * P.V.C BATTERYSEPARATOR * AUTOMOTIVE TYRE AND TUBE VALVES (VALVES MANUFACTURING) * PRESSURE COOKWARE ALUMINIUM, STAINLESS STEEL & HARD ANODIZED * ELECTRIC WATER HEATER * SOLAR WATER HEATER DOMESTIC & INDUSTRIAL * CORRUGATED COLOURED ROOFING GALVANISED IRON SHEET * PRESSURE DIE CASTING * G.I.WIRE AND BARBED WIRE * G.I.WIRE & M.S. BINDING WIRE * HOT DIP GALVANIZING PLANT FOR STRUCTURAL STEEL AND PIPES * COLD ROLLING MILL * DOOR HINGES (MILD STEEL AND STAINLESS STEEL) * PRESSURIZED AEROSOLS (LIKE BODY SPRAYS, PERFUMES, SHAVING FOAM AND SHAVING LOTIONS ETC.) * ANHYDROUS SODIUM DITHIONITE PRODUCTION (SODIUM FORMATE PROCESS) * SODA ASH PLANT (FROM SOLUTION BRINE) * SISAL FIBRE REINFORCED * CEMENT ROOFING SHEET * HIGH ALUMINA REFRACTORY BRICK PLANT * CATHETERS MANUFACTURING * SURGICAL RUBBER DISPOSABLE GOODS 	<ul style="list-style-type: none"> * POULTRY AND HATHERY FARMING * MILK PROCESSING PLANT * ROASTED, SALTED ALMONDS, PEANUTS FOR PACKING IN 25g, 50g,250g & 500g SACHET-S * BEER FROM POTATOES * GUAR GUM POWDER * AUTOMATIC WHITE BREAD MAKING PLANT * AUTOMATIC BISCUIT MAKING PLANT * FROZEN FOOD BY IOF TECHNOLOGY * WALNUT PROCESSING PLANT * WHIPPING CREAM FRUITS & VEGETABLES POWDER UNIT (EXPORTS ORIENTED UNIT) * NATURAL MEDICINE & RESEARCH INSTITUTE WITH 150 BEDS HOSPITAL * PACKAGED DRINKING WATER (PACKED IN 330 ml CUP, 500ML BOTTLE, 1500 ML BOTTLE AND 20 LTR. JAR) * COLD STORAGE (CONTROLLED ATMOSPHERE OR CA) FOR POTATO CAP: 1,00,000 BAGS (50 Kg/Bag), STORING CAP: 5000 Mt, SOLVENT EXTRACTION & REFINING (SOYABEAN) (Cap- 250mt/day & 50mt/Day oil Refining) * BOTTLING PLANT (WHISKY, BRANDY, RUM, VODKS, GIN) FROM RECTIFIED SPIRIT/ENA LUBE OIL BLENDING AND GREASES PLANT * COLD STORAGE FOR POTATO 1,00,000 BAGS (50 KG/BAG) * MAIZE FLOUR & BY PRODUCT MANUFACTURING PLANT * CUT FLOWER (GLADIOLI, MARIGOLD, STATICE, CHRYSANTHEMUM ROSE WITH GREEN HOUSE) * CATTLE FARMING AND DAIRY PRODUCTS * COLD STORAGE FORPOTATO AND OTHER HORTICULTURE PRODUCTS Cap:- 5000 Mt or 100000 Bags (50 Kg/Bag) * DEXTROSE PLANT * SBR RUBBER SHEETS AND SHOE MANUFACTURING * CASHEW NUT PROCESSING * PLYWOOD AND PLYBOARD PARTICLE BOARD AND LAMINATED PARTICLE BOARD * VENEER MAKING, PLYWOOD & PLYBOARD MAKING * WALNUT & PINUS(CHILGOZA) OIL, SHELL POWDER PROCESSING PLANT * COUNTRY LIQUOR BOTTLING PLANT (1,00,000 BOTTLES/ DAY)
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<ul style="list-style-type: none"> * PLASTIC GRANULES FROM PLASTIC WASTE * ROPE AND SUTLI MAKING PLANT * BOTTLING PLANT (COUNTRY LIQUOR) 10,000 LTRS./DAY) * I.V. FLUID (FFS OR BFS TECHNOLOGY) * TOXIN PAN MASALA, TOBACCO LESS GUTKHA AND ZARDA * RUBBER & FLAT TRANSMISSION BELT CONVEYOR BELT * UPVC DOORS & WINDOWS FABRICATING PLANT (Fixing and Installation of Door and Windows of uPVC profiles) * RUBBER & FLAT TRANSMISSION BELT CONVEYOR BELT * MUSTARD OIL PROCESSING PLANT (EXPELLER PROCESS) * MEDICAL COLLEGE WITH 750 BEDS HOSPITAL FACILITY * MICRO IRRIGATION PRODUCT MANUFACTURING PLANT * HOT DIP GALVANIZING MUSTARD OIL PROCESSING PLANT (EXPELLER PROCESS) * CEMENT TILES, CANAL LINE SLAB, KERV STONE, PAYER RCC PIPE, MANOHOLE COVER, ENTERLOCKING ETC. MANUFACTURING PLANT * MEDICAL COLLEGE (100 STUDENT INTAKE CAP. MEDICAL COLLEGE WITH 500 BED HOSPITAL) * ESTABLISHMENT OF A PRIVATE UNIVERSITY * DIGITAL INKS * GALVANIZING PROCESS PLANT FOR ELECTRICAL POLES * MAIZE PROCESSING PLANT * STARCHES / MODIFIED STARCHES/ LIQUID GLUCOSE / DEXTROSE MONOHYDRATE /GLUCOSE SYRUPS / CORN SYRUP SOLIDS / HIGH MALTOSE CORN SYRUPS / MALTO DEXTRINE POWDER / CORN GLUTEN MEAL (60%) MAIZE OIL / SORBITOL. * BABY CARE PRODUCTS * FAT LIQUOR (CHLORINATED PARAFFIN WAX) * BOTTLING OF WHISKY * UPVC DOORS & WINDOWS PROFILES * EPDM RUBBER PROFILES * FAT LIQUOR (CHLORINATED PARAFFIN WAX) * FAST FOOD RESTAURANT WITH CENTRALISED KITCHEN 	<ul style="list-style-type: none"> * READY MADE GARMENT (T-SHIRT/POLO GOLFER/ WOVEN SHIRTING & SUITING FOR UNIFORMS/SWEATERS) MANUFACTURING * BIO-DIESEL EXTRACTION FROM JATROPHA, SOYABEAN, SUNFLOWER, RICE BRAN, ALGE & CULTIVATION OF JATROPHA * FAST FOOD RESTAURANT CHAIN WITH CENTRALISED KITCHEN * GUAR SPLIT POWDER AND OTHER BY PRODUCTS * SOLVENT EXTRACTION PLANT (COTTON SEED) * RASGULLA MANUFACTURING AND CANNING * CULTIVATION OF RICE & WHEAT COMMERCIAL & MECHANISED DEVELOPMNT * MAIZE & BY PRODUCTS PROCESSING -STARCH MODIFIED STARCHES/LIQUID GLUCOSE/DEXTROSE MONOHYDRATE/GLUCOSE SYRUPS/CORN SYRUP SOLIDS/HIGH MALTOSE CORN SYRUPS/ MAITO DEXTRINE POWDER/CORN GLUTEN MEAL (60%) MAIZE OIL/SORBITOL * TEAK FARMING * ARTIFICIAL MARBLE (SYNTHETIC) * POTATO STARCH CARDANOL FROM C.N.S.L. (CASHEWNUT SHELL LIQVID * INTEGRATED SCRAP YARD * POTATO STARCH * MANGO PULP (5 TON/HOUR 200 KG ASEPTIC PACKAGING) * BOTTLING PLANT (WHISKY, BRANDY, RUM, VODKA, GIN) FROM RECTIFIED SPIRIT/ENA * COW DAIRY FARMING (AYRSHIRE/HOLSTEIN) AND MILK PROCESSING MILK/DAY CAP-50,000 LTR/DAY * WHEAT FLOUR MILL * CHAKKI FLOUR MILL * I.V. FLUID (FFSTECHNOLOGY) * LIQUID GLUCOSE FROM POTATOES * SORBITOL FROM MAIZE STARCH * WALNUT PROCESSINGPLANT * SOLVENT EXTRACTION AND OIL REFINERY CUM PACKING OF RICE BRAN OIL * COTTON SEED OIL SOLVENT EXTRACTION PLANT * MARINE TRAINING INSTITUTE & PLACEMENT SERVICE PROVIDING AGENCY * I.V.FLUID (FFS TECHNOLOGY) * CERAMIC FIBERS, CERAMIC 	<ul style="list-style-type: none"> FIBRE BLANKET, CERAMIC FIBRE BOARD AND CERAMIC FIBRE ROPE * COLD SUPPLY CHAIN * LAMI TUBE MANUFACTURING * EYE DROP 3 PIECES (PLASTIC VIALS) * PET BOTTLES (CAMBER/ CLEAR IN COLOUR) CAP: 15ML,60ML 100ML,135ML, 200ML & 500ML * BENZYL ALKONIUM CHLORIDE (BKC) * NATURAL SUGAR WAX * MARGARINE BUTTERFROM VEGETABLE OIL * GREEN HOUSE FOR CROP PRODUCTION * ORGANIC DAIRY FARMING * E-WASTE * BIO-DIESEL FROM ALGAE * VANADIUM PENT OXIDE GRAPHITE MINING AND BENEFICIATION PLANT * VITAMIN WATER * PET PREFORM CUM PET BOTTLES * ORGANIC DAIRY FARMING AND PRODUCING WHOLE MILK POWDER (WMP) * HDPE BOTTLES * CAUSTIC SODA FROM SODIUM CHLORIDE * COAL TAR PITCH * MOSQUITO REPELLANT * WRIST BAND * CASTOR OIL AND ITS DERIVATIVES OLEO RESIN, TURKEY RED OIL, DCO, HCO, SEBACIC ACID, 12-HYDROXY STEARIC ACID * PAPAINE FROM PAPAYA * PROCESSED CHEESE * MONOCHLOROBENZENE * EUGENOL FROM CINNAMON OIL * SULPHUR 80% WDG * CERAMIC FIBERS, CERAMIC FIBRE BLANKET, CERAMIC FIBRE BOARD AND CERAMIC FIBRE ROPE * SCREEN PRINTING * DI CALCIUM PHOSPHATE FROM ROCK PHOSPHATE & HAIFA PROCESS * PVC FLEXIBLE PIPE * FLEX BANNER USED IN DIGITAL PRINTING * PIGMENTS BINDERS FOR TEXTILE PRINTING * POULTRY & HATCHERY FARM * ALOEVERA JUICE AND GEL * LIME PUTTY * AUTOMOBILE WORKSHOP/ GARAGE * EGG TRAY FROM PULP * CARDANOL FROM C.N.S.L. * OXYGEN GAS 	<ul style="list-style-type: none"> * POLYALUMINIUM CHLORIDE * NAMKEEN INDUSTRY (BHUIJA, CHANACHUR ETC.) * POLYOL USED FOR POLYURETHANES * POLYSTYRENE POLY PROPYLENE OXIDE * DIETHYL PHTHALATE * UREA FORMALDEHYDE AND MELAMINE * FORMALDEHYDE MOULDING POWDER * INSTANT COFFEE * ANNATTO SEED COLOUR EXTRACTION * FRUITS AND VEGETABLES DRYING BY (FREEZE DRYING METHOD) * BIO GAS PRODUCTION AND BOTTLING PLANT * JAM, JELLIES, FRUIT JUICE AND ALLIED PRODUCTS * MATERNITY NURSING HOME * CANNING & PRESERVATION OF VEGETABLES * CURCUMIN & TURMERIC OIL BOTTLES * FROM TURMERIC DETERGENT WASHING POWDER (ARIEL TYPE) * GRANITE SLAB AND TILES * TEA PACKAGING * PAN MASALA & GUTKHA * PRESTRESSED CONCRETE ELECTRIC POLES * LEATHER SHOES * ROTOGRAVURE PRINTING (FOR FLEXIBLE PACKAGING) * AUTOCLAVED AERATED CONCRETE BLOCKS * OXYGEN AND NITROGEN GAS PLANT * MANGANESE ORE BENEFICATION * MINERAL WOOL * CALCIUM SILICATE * TOUGHENED GLASS * HUMIC ACID * OFFSET PRINTING UNIT (5 COLOUR) * CASTOR OIL AND ITS DERIVATIVES OLEORESIN * TISSUE PAPER PULPING FROM SAW DUST * KNITTED GLOVES * RADIATOR COOLANT * LATEX FOAM RUBBER (SPONG RUBBER) * GARLIC OIL AND POWDER * ACTIVATED CARBON & SODIUM SILICATE FROM PADDY/ RICE HUSK * TRIETHYLENE GLYCOL * RAMMING MASS * WOOD PEELING & VENEER MAKING * PETROLEUM JELLY * DAIRY FARM (COW & BUFFALO) TO PRODUCE
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<ul style="list-style-type: none"> MILK & PACKAGING IN POUCHES * CUTTING OIL LIQUID GOLD (IN PASTE FORM) * P.V.C. LEATHER CLOTH (REXINE) * COAL TAR DISTILLATION * ALUMINIUM LABEL PRINTING * FOLDING CARTNS/MONO CARTONS * SURGICAL DISPOSABLE GLOVES (DIPPED RUBBER GOODS) * AGRICULTURAL CHEMICAL (PLANT GROWTH PROMOTER AND PLANT GROWTH REGULATOR) * MENTHOL BOLD CRYSTALS FROM MENTHOL FLAKES * ORGANIC FARMING * CORRUGATED POLYCARBONATE SHEET * COLD STORAGE * FLAT PVC LAMINATED * SAFTY GLASS/TOUGHENED GLASS * PLASTIC GRANULES FROM WASTE * DRY WALL PUTTY (WHITE CEMENT BASED) * CHARCOAL BRIQUETTE * OXALIC ACID FROM MOLASSES * POTATO GRANULES * SANITARY NAPKINS & BABY DIAPERS * CORRUGATED BOXES * PLASTER OF PARIS * RUBBER ROLLER FOR PRINTING MACHINE * LACTIC ACID * EMERY PAPER (SAND PAPER) * RUBBER RECLAIM SHEET FROM USED BUTYL TYRE AND TUBE * MANGO PULP * PARTICLE BOARD FROM BAGASSE AND RICE HUSK * TOILET PAPER & NAPKINS * TENDER COCONUT WATER * CALCIUM CARBONATE * LIME CALCINATION PLANT * INJECTION MOULDED PLASTIC COMPONENTS * HYDRATED LIME * BLACK PEPPER * MULTIAXIAL GLASS FABRIC * LIQUID TOILET CLEANER (HARPIC TYPE) * LIME & PRECIPITATED * CALCIUM CARBONATE * LIQUID GLUCOSE FROM BROKEN RICE 	<ul style="list-style-type: none"> * MEDICAL DISPOSABLE PLASTIC SYRINGES * METAL POLISHING BAR * SANITARY NAPKINS & BABY DIAPERS * PERFUMES/ATTAR * GEMS AND JEWELLERY * MULTIAXIAL GLASS FABRIC * ACTIVE ZINC OXIDE * COPPER PHTHALOCYANINE * TURMERIC OIL EXTRACTION FROM DRY TURMERIC * CNSL BASED RESIN IN LIQUID & POWDER FORM BOPP FILM * BETA IONONE * BIO-FERTILIZER * ZINC & COPPER SULPHATE * PAPER BASED PHENOLIC SHEET (FOR ELECTRICAL APPLIANCE) * THINNERS (WHITE SPIRIT BASED) * SINGLE SUPER PHOSPHATE & SULPHURIC ACID * MONO CALCIUM PHOSPHATE & DI-CALCIUM PHOSPHATE FLEXIBLE P.U. FOAM * ASPIRIN * SORBITOL FROM MAIZE STARCH * SPICE OIL & OLEORESIN * ANTI-FOAMING AGENT (SILICONE BASED) FOR DISTILLERY, SUGAR, PAPER PLANT ETC. * LAUNDRY & DRY CLEANER * BRICKS FROM STONE DUST * CARBOXY METHYL STARCH * TITANIUM DIOXIDE * UNDECYENIC ACID * PSA BASED NITROGEN GENERATOR * SYNTHETIC IRON OXIDE * PVC INSULATION TAPE * TAMARIND KERNEL POWDER * ORGANIC CHEMICAL & SOLVENTS * PLASTICIZERS * ICE PACK (SOLUTIONS TYPE, VIOLET-SEMI SOLID POLYMER TYPE) * GUM FROM TAMARIND * PEARL SUGAR CANDY (MISHRI) * GOAT & SHEEP FARMING * GYPSUM PLASTIC BOARD (AUTOMATIC PLANT) * NON-WOVEN INDUSTRY (CARRY BAGS, SURGICAL GOWN, FACE MASK, ROUND CAPS, SHOE COVER, GLOVE) * COTTON SPINNING, SIZING, 	<ul style="list-style-type: none"> YARN, DYEING & WEAVING * CALCIUM CHLORIDE * AMINES & ALLIED PRODUCT * SPINNING COTTON * SILICONE FROM RICE HUSK * ADHESIVE (FEVICOL TYPE) * CAUSTIC SODA FROM ELECTROLYSIS * CAMPHOR TABLETS * CERAMIC GLAZED WALL AND FLOOR TILES * ZINC SULPHATE MONO * ETHANOL (BIO FUEL) FROM RICE STRAW * GYPSUM MOULDING AND GYPSUM BOARD * SMOKELESS COAL * ACID (SILICA) AND BASIC RAMMING MASS * UNSATURATED POLYESTER RESINS * DAIRY (BUFFALO) FARMING SILICONE FROM RICE HUSK * N-ACETYL THIOZOLIDINE-4-CARBOXYLIC ACID (NATCA) * PE BASED CARBON BLACK COMPOUND * ONION DEHYDRATION * PVC PIPES & FITTING * GLASS REINFORCED * GYPSUM MOULDINGS ABSORBENT COTTON & SURGICAL BANDAGES * CALCIUM STEARATE BY FUSION PROCESS * MANGO POWDER & OTHER FREEZE DRIED PRODUCTS * MENTHOL OIL FROM LEAVES AND MENTHOL * CRYSTALS (PEPPERMINT) MANUFACTURE OF CELLULOSE ACETATE * ANTIFOAMING / DEFOAMING AGENT * ALOEVERA CULTIVATION & PROCESSING * SYNTHETIC MAGNESIUM SILICATES * EPHEDRINE HYDROCHLORIDE * ACTIVATED BLEACHNG EARTH * TECHNICAL TEXTILES * FORMALIN FROM METHANOL * CATIONIC SOFTNER (STEARIC ACID BASED) * PRECIPITATED SILICA * PU BASED FOOT WEARS * FORMALDEHYDE RESIN (UREA, PHENOL, MELAMINE) * HDPE MONO FILAMEN NET * POTATO & ONION FLAKES 	<ul style="list-style-type: none"> * DUSTLESS CHALK (SCHOOL CHALK) * TOMATO POWDER * BIODEGRADABLE / COMPOSTABLE PLASTICS * ACRYLIC CO POLYMER EMULSION * ESTER GUM (FOOD GRADE) * PROTEIN BASED FOAMING AGENT * LECITHIN (SOYA BASED) * SOYA OIL AND CATTLE FEED FROM SOYA BEAN * COMPARISON BETWEEN FLY ASH AND CELLULAR LIGHTWEIGHT CONCRETE (CLC) BRICKS * CELL CAST ACRYLIC SHEET * ACRYLIC BATH TUB AND SHOWER TRAY * THERMOCOLE BASED DISPOSABLE PLATES * SODIUM SILICATE FROM RICE HUSK * ETHYL METHACRYLATE * SODIUM LAURYL ETHER SULPHATE * LATEX GLOVES, CONDOMS & CATHETER * CALCIUM NITRATE GRAIN BASED ALCOHOL DISTILLERY * BULK DRUGS * MARBLE QUARRYING * CULTIVATION OF CAPSICUM IN GREEN HOUSE * SULPHUR 90% WDG * EGG POWDER * WOOD PLASTIC * COMPOSITE BOARD LINE * SODIUM LAURYL SULPHATE AND SODIUM LAURYL ETHER SULPHATE * FISH PROCESSING * BABY CEREAL FOOD & MILK POWDERS (BABY FOOD) * GUR (JAGGERY) * DAIRY PRODUCTS * CHLORINATED PARAFFIN WAX (CPW) * HAND WASHING DETERGENT POWDER USING THE DRY MIX PROCESS INCLUDING FORMULA OF DIFFERENT TYPES QUALITIES (LOW/ MEDIUM/HIGH COST) * HANDWASHING DETERGENT POWDER USING THE DRY MIX PROCESS INCLUDING
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<p>FORMULA OF DIFFERENT TYPES QUALITIES (LOW/ MEDIUM/HIGH COST)</p> <ul style="list-style-type: none"> * DIGITAL PHOTOPAPER/ INKJET PHOTOPAPER * KAOLIN FOR ROAD MAKING * PEPPERMINT CULTIVATION & PROCESSING * PEPPERMINT CULTIVATION & PROCESSING * HDPE PIPE * ACTIVATED CARBON FROM RICE HUSK * HT & LT INSULATOR, HT AIR BRAKE SWITCH D.O. FUSE, LIGHTENING ARRESTOR * PET BOTTLES IN CAP: 500ML, 1 LTR, 2 LTRS, 5 LTRS, USED FOR PACKAGED DRINKING WATER, EDIBLE OILS * ALCOHOLIC BEVERAGES (COUNTRY LIQUOR & IMFL) * QUARTZ BASED INDUSTRIES (QUARTZ POWDER SILICA SAND SILICA RAMMING MASS FUSED SILICA) * BEEDI (BIDI) BY MACHINE * RICE SHELLER * FRUIT RIPENING CHAMBER * MINERAL WATER AND PET BOTTLING PLANT * DIAGNOSTIC LAB AND * ONLINE TRADING BUSINESS * CEREAL MILLING * MINI OIL PLANT SUITABLE FOR GROUNDNUT OIL AND COTTON SEED OIL * CHANACHUR, BHUJIA, GANTHIA (AUTOMATIC PLANT) * KHADYA SURAKSHA (FOOD SECURITY) * PLASTIC WATER STORAGE TANKS * ZINC SULPHATE, MONOHYDRATE & HEPTA HYDRATE * CIGARETTE MANUFACTURING UNIT * CATTLE FEED PELLETS PLANT FOR COW & BUFFALOE FOR BOOSTING MILK AND GROWTH * TYRE RECYCLING UNIT * PAPAIN EXTRACTION INDUSTRY * CAKE SHOP * BUSINESS PROCESS 	<p>OUTSOURCE (B.P.O.)</p> <ul style="list-style-type: none"> * EMPTY HARD GELATINE CAPSULES * BIOFERTILIZER * PLASTIC MOULDING UNIT (CHAIR, TABLES & VEGETABLE TRAYS) * GOLD POTASSIUM CYANIDE (G.P.C.) * HDPE, PVC & CPVC PIPES AND FITTINGS * NO CARB PASTE (ANTICARBURIZING PASTE-WATER SOLUBLE) FOR HEAT TREATMENT * CONVERSION WASTE PLASTIC WITH TYRE INTO ACTIVATED CARBON AND INDUSTRIAL FUEL * PYROLYSIS PLANT FROM PLASTIC & RUBBER * COMPARISON BETWEEN FLY ASH AND CELLULAR LIGHTWEIGHT CONCRETE (CLC) BRICKS * AGAR AGAR * NAIL POLISH * PLASTIC GRANULES FROM WASTE * AGARBATTI SYNTHETIC PERFUMERY COMPOUNDS & AGARBATTI COMPOUNDS LIKE (CHAMPA, MOGRA, SANDAL WOOD & LOBAN) * PET PREFORM AND PET JARS (20 LTRS CAPACITY) * KRAFT PAPER FROM 100% WASTE PAPER * PRIVATE UNIVERSITY * LIQUID GLUCOSE AND MALTODEXTRIN FROM BROKEN RICE * DRY WALL PUTTY (WHITE CEMENT BASED) * CONSTRUCTION CHEMICALS OT PASTE * FUSED SILICA FROM SILICA SAND * BANANA CHIPS, BANANA PULP & BANANA POWDER (BANANA PRODUCTS) * CONFECTIONERY UNIT (TOFFEE, CANDY /LOLLIPOP CHEWING GUM, BUBBLE GUM CHOCOLATE) * FORMALDEHYDE RESIN (UREA, PHENOL, MELAMINE & THEIR MODIFIED RESINS) 	<ul style="list-style-type: none"> * EPDM RUBBER PROFILES (WEATHER STRIPS, INDUSTRIAL MONOSTRIPS ETC) * GRANITE CUTTING AND POLISHING UNIT (100% EOU) * SURGICAL COTTON, ROLLER BANDAGE, CREPE BANDAGE & PLASTER CART (READY MADE) E.G. GYPSONA 3M CART * ENTERTAINMENT CLUB, HOLIDAY RESORT, 4 STAR HOTEL, AMUSEMENT PARK CUM WATER PARK, MUSHROOM & ITS PRODUCTS, FISH FARMING, LAKE FOR BOATING, DEER PARK ETC. * HDPE, PVC, LLDPE PIPES/ TUBES AND FITTING * EPOXIDIZED SOYABEAN OIL (SECONDARY PLASTICIZER) USED IN PVC COMPOUND * POULTRY PROCESSING PLANT * B.O.P.P. SELF ADHESIVE TAPES * I.V.SET * MANGANESE OXIDE AND MANGANESE SULPHATE * ODOURLESS NYLON GRANULES FROM FIBER OF WASTE TYRE WITHOUT CHANGING PROPERTIES OF NYLON * PARTICLE BOARD FROM RICE HUSK OR WOOD WASTE OR SUGAR CANE BAGASSE OR MIXED OF ALL ABOVE * POULTRY LAYER AND BROILER FARMING * TOMATO, GUAVA AND MANGO PULP * GREEN HOUSE * HYDROXY PROPYL GUAR (HPG) AND CARBOXY METHYL HYDROXY PROPYL GUAR * BATHSOAP MANUFACTURE * PLASTIC MOULDED CHAIRS * FROZEN POTATO PATTY * CALCIUM ALUMINATE * ACTIVATED CARBON FROM COCONUT SHELL * RIGID PVC FILM MANUFACTURE FOR PHARMACEUTICALS BLISTER 	<p>PACKAGING</p> <ul style="list-style-type: none"> * NYLONE 66 CURING TAPE USED IN RUBBER HOSE PIPE WRAPPING * ANTIFOAMING/DEFOAMING AGENT LIKE ANTAROL T-709 * SOY AND GLUTEN BASED MOCK MEAT * KRAFT PAPER USING WASTE PAPER AND OLD CORRUGATED CARTONS * GLASS BOTTLE FOR BEER AND BEER MUG (TUMBLER) * DISPOSABLE SYRINGES AND NEEDLE PLANT (Single Use Syringes, Single Use Needles & As Syringes) * DIRECT FILLED BALL PEN (USE AND THROW) * BENZALKONIUM CHLORIDE * SPINNING COTTON (COTTON SPINNING PLANT) * CALCIUM CHLORIDE USING LIME STONE AND HYDROCHLORIC ACID * RUBBER POWDER FROM WASTE TYRES * CALCINATION PLANT FOR PYROPHYLLITE AND DIASPORE MINERALS BY VERTICAL SHAFT KILN PROCESS * ONION, GARLIC & GINGER DEHYDRATION PLANT * POTASSIUM NITRATE * POTASSIUM SULPHATE * N.P.K. FERTILIZER * CHICORY EXTRACT (ROASTED CHICORY GRANULES/CUBES, LIQUID EXTRACT ETC.) * SOLID WASTE SEGREGATION * LAMITUBE MANUFACTURE * BOARDING SCHOOL * CERAMIC FUSE TUBE/ BARRELS USED IN HRC FUSE * SODIUM POLYACRYLATE DISPERSANT FOR USE IN WATER BASED PAINT WITH DISPERSANT FOR PIGMENT * NAIL POLISH, LIPSTICKS, NAIL POLISH REMOVER * SOYA PRODUCTS (MILK, PANEER, TOFU, BUTTER, CHEESE CURD/YOGURT, ICE CREAM) WITH PACKAGING UNIT * GREASE MANUFACTURING
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TERMS AND CONDITIONS

Ask for the quotation for the required project report at
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