HI-TECH PROJECTS

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

> JANUARY 2018 Issue (E-copy)



ENGINEERS INDIA RESEARCH INSTITUTE

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PROFITARI

MATCH BOX INDUSTRY (AUTOMATIC PLANT) [EIRI/3181] The origin of the safety match industry in India goes back to the beginning of this century. Around 1910 immigrant Japanese families who settled in Calcutta began making matches with simple hand- and power-operated machines. Local people soon learned the necessary skills and a number of small match factories sprang up in and around Calcutta. These small match factories could not meet the total requirements of the country however, and India began to import matches from Sweden and Japan. During the First World War, when Swedish matches could not be imported, the Indian market was fed mainly by imported matches from Japan and by the locally made ones which followed the Japanese pattern introduced in Calcutta. After the war, factories in Calcutta were unable to compete with imports, and handmade match production shifted to southern India, especially in the Ramanathapuram and Tirunelveli districts of Tamil Nadu State. This shift was due to the pioneering efforts of P. Iya Nadar and A. Shanmuga Nadar who went to Calcutta to learn the process from Purna Chandra Ray, a local businessman, who had learned the trade in Germany. The Nadars set up a number of manual match production units in extremely poor regions of Tamil Nadu, where a combination of the dry climate, cheap labour and availability of raw materials from nearby Kerala created ideal conditions for match production.

COST ESTIMATION

Plant Capacity 1,50,000	Match Box/Day
Land (1200sq.mt.)	Rs. 2.14 Cr.
Plant & Machinery	Rs. 1.48 Cr.
W.C. for 1 Month	Rs. 15 Lacs
Total Capital Investment	Rs. 3.88 Cr.
Rate of Return	23%
Break Even Point	60%

MANUFACTURING SHOES (SAFETY BOOTS & SCHOOL SHOES) USING RUBBER POWDER [EIRI/3182]

Safety Boots are wide term and are sub divided into differet types of boots like combat boots, Jungle boots, high altitude boots etc. The requirement is increasing day by day. In addition to this boots with or without deviation are used by mines and steel workers. Police and Para Military forces, as such, there is wide scope for marketing this product. School shoes are used for protecting the children foot from injuries due to stones nails, broken glass pieces infection from dust diet, mud, water and to feel conform during different climatic condition. Children shoes in particular are very important in order to save the foot. School shoes are very common part of school uniform introduced by many Government and Public School.

Canvas shoes are used as footwear by all groups of people. It is made of thick cloth and sole of soft rubber sheets. Large number of variations in quality of canvas sheet and sole materials are used for different purposes and selling price. Canvas shoes are available in different sizes and designs suitable according to one's need and liking. COST ESTIMATION

Plant Capacity	500 Pairs/Day
Land (1500 sq.mt.)	Rs. 1.66 Cr.
Plant & Machinery	Rs. 40 Lacs
W.C. for 2 Months	Rs. 48 Lacs
Total Capital Investment	Rs. 2.64 Cr.
Rate of Return	20%
Break Even Point	31%
********	************

WALNUT PROCESSING PLANT (EIRI/3183)

Georgia is considered one of the primary centers of the origin of walnut. There are great prospects for its development. Walnut is characterized with high productivity in mountain areas of East and west Georgia on the elevation of 500-900 m from see level, as well as in high area of Ratcha-Lechkhumi and East Caucasus pre-mountain areas. Despite the significantly suitable natural and soil conditions for walnut growing in Georgia demand on local market is more 4-8 thousand tons than the in-shell walnut production. That is why an amount of walnut is imported from other countries in high market prices. Therefore study and testing of the local germplasm, selection

of high productive varieties and their extension in farms have great importance for filling this deficit. This article describes the materials of walnut germplasm study for Georgia. Prospective varieties and advanced selections are distinguished to each ecological zones of Georgia. Several walnut selections of lateral type and semidwarf growth are bread from Georgian walnut breeding program. The biological, agricultural and pomological description of selected varieties and new selections are also mentioned

COSTESTIMAT	
Plant Capacity	15 Tons/Day
Land & Building (2 Acres)	Rs. 1.94 Cr.
Plant & Machinery	Rs. 2.63 Cr.
W.C. for 1 Month	Rs. 21.39 Cr.
Total Capital Investment	Rs. 26.32 Cr.
Rate of Return	45%
Break Even Point	33%

DICALCIUM PHOSPHATE (FROM SULPHURIC ACID) CAP: 6TPD [EIRI/3184]

Dicalcium phosphate is the calcium phosphate with the formula CaHPO4 and its dihydrate. The "di" prefix in the common name arises because the formation of the HPO42- anion involves the removal of two protons from phosphoric acid, H3PO4. It is also known as dibasic calcium

phosphate or calcium monohydroger phosphate. Dicalcium phosphate is used as a food additive, it is found in some toothpastes as a polishing agent and is a biomaterial. Dibasic calcium phosphate is produced by the neutralization of calcium hydroxide with phosphoric acid, which precipitates the dihydrate as a solid. At 60°C the anhydrous form is precipitated: H3PO4 + Ca(OH)2 ? CaHPO4. To prevent degradation that would form hydroxyapatite, sodium pyrophosphate or trimagnesium phosphate octahydrate are added when for example, dibasic calcium phosphate dihydrate is to be used as a polishing agent in toothpaste. In a continuous process CaCl2 can be treated with (NH4)2HPO4 to form the dihydrate: CaCl2 + (NH4)2HPO4 ? CaHPO4•2H2O. A slurry of the dihydrate is then heated to around 65-70°C to form anhydrous CaHPO4 as a crystalline precipitate, typically as flat diamondoid crystals, which are suitable for further processing.

COST ESTIMATION Plant Capacity 6 Ton/Day Land & Building (8000sq.mt.) Rs. 4.50 Cr. Rs. 4 Cr. Plant & Machinery W.C. for 2 Months Rs. 93 Lacs Total Capital Investment Rs. 9.69 Cr. Rate of Return 16% Break Even Point 67%

RECYCLING OF SYNTHETIC MOTOR LUBRICATION OIL [EIRI/3185]

Used oil is exactly what its name implies: any petroleum-based or synthetic oil that has been used. Oil keeps our cars, lawnmowers, and many other machines running smoothly. However, during normal use, impurities such as dirt, metal scrapings, water, or chemicals, can get mixed in with the oil, so that in time, the oil no longer performs well. Eventually, this used oil must be replaced with virgin or rerefined oil to do the job correctly. If you are one of the many people who change their own motor oil, you too need to know how to properly manage the used oil.

COST ESTIMATION

r	Plant Capacity	10 KL/Day
	Land (2000 sq.mt.)	Rs. 2.40 Cr.
	Plant & Machinery	Rs. 1.50 Cr.
	W.C. for 2 Months	Rs. 1.94 Cr.
	Total Capital Investment	Rs. 5.94 Cr.
	Rate of Return	21%
,	Break Even Point	59%

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Top Industries to Start

ELECTRICAL SWITCHES AND ACCESSORIES (POLY

CARBONATE BASED) [EIRI/3186] Switches are the most prominent electrical accessory that we see in a house Technically a switch is an electrical component that can break electrical circuit by interrupting the current or diverting it from one conductor to another. There are different types of electrical switches based on Current (Ampere) rating varying for 6A to 32A. Today modular switches are available in different colours and designs to go with our modular home or office Switches are broadly categorized into two main categories -Fixed Configuration. Modular and Fixed Configuration switches are switches with a fixed number of ports and are typically not expandable. This category is discussed in further detail below. Cisco Catalyst 2K, 3K and the Cisco 300/500 series are good examples of Fixed Configuration switches. Specially designed polycarbonate switches with sleek design offers an excellent quality to

customers.	
COST ESTIN	IATION
Plant Capacity	5000 Pieces/Day
Land (1500 sq.mt.)	Rs. 1.68 Cr
Plant & Machinery	Rs. 70 Lacs
W.C. for 2 Months	Rs. 35 lacs
Total Capital Investment	Rs. 2.82 Cr
Rate of Return	42%
Break Even Point	45%

ALUMINIUM COMPOSITE PANELS (ACP) [EIRI/3187]

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 Mirror Finish Aluminium Composite Panel We supply mirror finish aluminium composite panel in order to interior decoration material demand in the market. COST ESTIMATION

Plant Capacity	2000 sq.mt./Day
Land (6000 sq.mt.)	Rs. 5.20 Cr.
Plant & Machinery	Rs. 2.03 Cr.
W.C. for 2 Months	Rs. 4.36 Cr.
Total Capital Investment	Rs. 12.15 Cr.
Rate of Return	60%
Break Even Point	39%
*****	******

BABY SOAP [EIRI/3189]

One of the most important things to help your baby stay healthy is to keep its skin clean, and baby soaps play a vital role in Especially formulated for the this. sensitive skin of babies, babies soaps are cruelty-free, and contain no animal fats, toxins, preservatives, or dyes. Gentle, sophisticated and natural, baby soaps are made using quality essential oils, herbs, fragrances, and other natural ingredients that can gently clean the skin of baby without irritating or drying it. Toxic free and good for baby's skin, these soaps are generally fortified with vitamin E, saponified olive, palm kernel, coconut, and food-grade vegetable oils. Herbal extracts, spices, butters, sweet milk, goat's milk and buttermilk can also be found in some of the baby soaps that makes a luxurious, rich, thick lather, which is dense and perforating, with character and richness in every soap bar. Parents are constantly concerned with getting the best products in the market and doing everything right so that their child is safe and sound. COST ESTIMATION

Plant Capacity	800 Kg./Day
Land & Building (1000sq.mt.)	Rs. 1.21 Cr.
Plant & Machinery	Rs. 25 Lacs
W.C. for 2 Months	Rs. 1.28 Cr.
Total Capital Investment	Rs. 2.80 Cr.
Rate of Return	16%
Break Even Point	63%
********	*****

GRANITE CUTTING AND POLISHING UNIT [EIRI/ 3190]

Granite Slab and Tiles are used in building for the purpose of wall paneling and for the decoration of walls. So we focus as the development of building as well as industrial or residential. Moving across the should purposes of a glorious past enriched with tradition and skill, India has emerged as nation devoted to industrial development on sound modern lines India's industrial progress present a wide spread pattern dotted all over by scores of modern industries covering wide areas of industrial activities and pulsating with modern know how and research the wide spread popularity of granite tile usually more evident in major public monumental building of traditional or conservative design. The new users of granite tile are also steadily appearing. So far, for exterior granite is used both structurally and as a

veneer, for certain walls, column facing trim, for interior, its uses is even more diversified, for nearly every type of practical and aesthetic need. A brief listing of interior uses would include floor, stairs wall facing, and column toilet, bathroom etc. and as decorative for many purposes In all these areas granite is unexcelled for end using beauty and low maintenance The granite slab and tiles of different sizes having dimension for slap (i) 30cm > 30cm, 40cm x 40cm, 60 x 40cm, 80cm > 40cm, 90cm x 40cm and for tiles dimension is 15cm x 10cm, 20cm x 10cm, 30cm x 10cm and the thickness for slab should be in range of 18mm to 20mm for tiles thickness is 7/8mm. It is also used in the construction of forts temples, palaces and other building in South India Ancient forts such as the Janjore Fort in Tamil Nadu the Golkonda Fort near Hyderabad and Chitradurga and Bellar Forts in Karnataka are important examples of the use of granite. The slatue of Sri Gomateshwari (Bahubali) a shravanbelgoola in Karnataka is an outstanding work-piece in granite. COST ESTIMATION

Plant Capacity800 sq.mt./DayLand & Building (3 Acres)Rs. 2.20 Cr.Plant & MachineryRs. 1.04 Cr.W.C. for 2 MonthsRs. 5 LacsTotal Capital InvestmentRs. 3.89 Cr.Rate of Return29%Break Even Point59%

BANANA PRODUCTS

MANUFACTURE [EIRI/3191]

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 crops 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

COST ESTIMATION

Plant Capacity	3 Ton/Day
Land & Building (3000sq.mt.)	Rs. 2.53 Cr.
Plant & Machinery	Rs. 2 Cr.
W.C. for 2 Months	Rs. 1.41 Cr.
Total Capital Investment	Rs. 6.09 Cr.
Rate of Return	24%
Break Even Point	58%
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Start Your ()wn Inducti	
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LEAD ACID BATTERY

Lead-Acid Battery comprises number of cells in a container. These cells contain positive (PbO2) and negative (Pb) electrodes or plates separators to keep the plate apart and sulphuric acid electrolyte. The electrochemical system is highly reversible and sulphuric acid electrolyte. The electrochhemical system is highly reversible and can be discharged and charge repeatedly before failure of some sort causes the chargocyde to be impractical. There are numerous battery designs. The most widely used secondary battery is the lead acid type. This battery is available in many sizes and capacities, and the weight can vary from 100g to several tons. There on three principal categories. The material used for containers used depends on the application e.g. polypropylene and vulcanized rubber for automotive batteries, polystyrene for stationery batteries, polycarbonate for a large single cell. Cost Estimation

 Plant Capacity
 200 Nos./Day

 Land & Building (1000 sq.mt.)
 Rs. 1.02 Cr.

 Plant & Machinery
 Rs. 93 Lacs

 W.C. for 2 Months
 Rs. 5.47 Cr.

 Total Capital Investment
 Rs. 7.62 Cr.

 Rate of Return
 49%

 Break Even Point
 39%

CHANACHUR, BHUJIA,

GANTHIA (AUTOMATIC PLAN Dal Moth, Chanachur & Bhujia are the important names enhancing the flavour & taste as processed foods. These are food products having no historical background & becomes in market and in social & cultural synonym as the society became more advanced. Initially in longlong ago, people did not heard the name of Dal moth, chur or Bhujia like food products. But now a days it is well known not in India but world wide. These are mainly consumed during breakfast period & are very much during social & cultural periods. These are used as tasty & flavored food as well as in medicinal way, however, a little it may be, according to ayurveda) because of their carminative stimulative digestive properties. India produces almost all these types of salty processed food products of grains all these types of salty processed food products of grains like Grams . Pulses etc.

Cost Estimation

1 Ton./Day

Rs. 82 Lacs

Plant Capacity Land & Building (600 sq.mt.) Plant & Machinery W.C. for 2 Months Total Capital Investment Rate of Return Break Even Point

> MANGANESE ORE JIGGING PLANT

Manganese is one of the most important W.C. for 1 Months strategic minerals, being the one which the greatest tonnages are required, and also the one in which the United States has had a limited Break Even Point

production, Manganese is an absolute necessity in the steel industry, as this industry uses about 14 pounds of manganese in every ton of steel produced. Annual statistics show that over 90 percent of the annual amount of manganese consumed in the United States goes into the production of steel. From this it can therefore be seen that the stability and accessibility of a steady supply of manganese ore is a controlling factor in the maintenance of the steel industry. The remaining 10 percent of the manganese consumed yearly in the United States is used in the manufacture of dry batteries, chemicals, glass, tile and brick. One of the outstanding characteristics of the utilization of manganese in steel making is that in the process of being used, most of the metal is dissipated into the slag in a form not readily susceptible to subsequent recovery as a secondary metal. In fact, the amounts that are returned to use in this way are so small as to be practically negligible and the full requirements for each year must be net from Rs. 1.02 Cr. new mine production.

acs	Cost Estimation	
Cr.	Plant Capacity	100 MT./Day
Cr.	Land & Building (20,000 sq.mt.)	Rs. 1.04 Cr
9%	Plant & Machinery	Rs. 1.46 Cr
9%	W.C. for 2 Months	Rs. 1.88 Cr.
****	Total Capital Investment	Rs. 4.46 Cr
	Rate of Return	28%
-	Break Even Point	59%
<u>1)</u>	**************	******

SODA ASH PLANT (FROM SOLUTION BRINE)

Sodium carbonate is a common inorganic industrial chemical, also known as soda ash (Na2CO3). It is widely used in the manufacture of glass, chemicals, such as sodium silicates and sodium phosphates, the pulp and paper industries, the manufacture of detergents and for the treatment of water. Soda ash manufacture by Solvay technology is a very complex process. The natural sodium chloride solution (brine) is extracted and purified (removal of solid impurities by filtration and removal of calcium and magnesium ions by precipitation). The discovery of the chemistry of the ammonia-soda process can be traced back to the early 1800s. A few British and French plants operated in 1840-1860, but without success. The ammonia-soda process is usually called the Solvay process because in 1865 Ernest Solvay started the first really successful plant at couillet in Belgium. In 1874

Rs. 43 Lacs Rs. 43 Lacs Rs. 44 Lacs Rs. 1.79 Cr. 51% 42% throughout the world, hence this process is selected for production of soda ash.

 Cost Estimation

 Plant Capacity
 1666.67 MT./Day

 Land & Building (60 Acres)
 US\$ 1.67 Cr.

 Plant & Machinery
 US\$ 57.63 Lacs

 W.C. for 1 Months
 US\$ 8.88 Cr.

PLASTIC EXTRUSION AND EXTRUDER BASED INDUSTRIES B O P P FILM COLOUR MASTER BATCHES FOR VARIOUS PLASTICS DOUGH MOULDING COMPOUND (DMC) BULK MOULDING COMPOUND (BMC), SHEET MOULDING COMPOUND (SMC) EXPANDED CELLULAR POLYETHYLENE SHEET 5. H.D.P.E/P.P. BOX STRAPINGS HDPE/PP WOVEN SACKS (BAGS) HDPE FISHING NET H D P F AND FITTING PIPES 8 HDPE PIPES AND PIPE FITTINGS 9

- 9. HDPE PIPES AND PIPE FITTINGS 10. INJECTION & BLOW MOULDED
- 0. INJECTION & BLOW MOULDED PLASTIC PRODUCTS
- 11. LAMINATION OF CO-EXTRUSION MULTI LAYER FILM IN ROLL FORM
- 12. MULTI LAYER CO-EXTRUSION, 3 LAYER - FILM WITH LAMINATION & PRINTING
- 13. NYLON GRANULES FROM NYLON
- WASTE 14. NYLON NET FOR GIVING SHADE TO TEA PLANT IN NURSERY
- 15. PET GRANULES (DANA)
- 16. PLASTIC INJECTION MOULDING

PRODUCTS

- 17. PLASTIC MAT
- 18. PLASTIC MOULDED FURNITURE
- 19. P.V.C. PIPES AND FITTINGS
- 20. PLASTIC FILMS AND SHEETS WITH PRINTING (FLEXO AND ROTO) LDPE/ HDPE/PP/HM/PVC
- 21. PLASTIC GRANULES FROM FRESH RESIN
- 22. PLASTIC ROPE
- 23. PLASTIC CORRUGATED SHEET & BOX
- 24. PLASTIC TOOTH PICK
- 25. POLY-VINYL FLOORING
- 26. PLASTIC TARPAULIN
- 27. POLYTHENE BAGS
- 28. PLASTTIC SUTLI OR POLYPROPYLENE SUTLI
- 29. PVC EXTRUSION PROFILES (WIRING CHANNELS)
- 30. POLY CARBONATE SHEET
- 30. POLY CARBONATE SHEET 31. PVC/PLASTICS (SOFT/RIGID) FILMS/ SHEFT

32. POLYSTER FILM

- 33 PVC FLEXIBLE PIPES
- 34 PVC NON-WOVEN MAT
- 35. P.V.C. CONDUIT PIPES
- 36. POLYESTER ZIP FASTENERS
- 37. POLYPROPYLENE & MULTIFILAMENT SPINNING YARN
- 38. PLASTIC DOORS AND WINDOWS
- 39. TEFLON COATED ELECTRIC CABLES
- 40. uPVC DOORS & WINDOWS PROFILES

41. X-RAY FILM

Each Project Report covers in this CD contains Introduction, Uses, Market, Process with Product Formulae, Suppliers of Plant & Equipments and Raw Materials, Cost Economics with Profitability Analysis, BEP, Resources of Finance etc.

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HI-TECH PR	HI-TECH PROJECTS				
From IV (See Rule 8)					
Place of Public	cation Delhi				
Periodicity of Publication:	Monthly				
Printer's Name :	Sudhir Kumar Gupta				
Whether Citizen of India:	Yes				
Address :	4449 Nai Sarak,				
	Delhi- 6				
Publisher's Name :	Sudhir Kumar Gupta				
Whether Citizen of India:	Yes				
Address :	4/35, Roop Nagar,				
	Delhi- 7				
Editor's Name :	Sudhir Kumar Gupta				
Whether Citizen of India:	Yes				
Address :	4/35, Roop Nagar,				
	Delhi- 7				
Name & Address :	Engineers India				
	Research Institute,				
	4449, NaiSarak,				
	Delhi - 6				

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TECHNICAL TEXTILES

Technical textiles are textile material and products manufactured primarily for their performance and functional properties rather then aesthetic or decorative purpose. Aesthetic properties are not much important for the Technical Textiles. The performance and functional properties are in sense with the agri to aerospace application. Based on the end uses, fibre selection to the method of processing are the keys to new product development in the textile arena. Over all growth rates of Technical Textiles in the world are about 4.0% per annum but the apparel and home textiles are at the rate of 1.0%. Technical textiles application cycle is shown in the figure 1, it gives a vivid picture on the divisions of the technical textiles, which is a self-explanatory

Cost Estimation

	(All Fig.	in Thousand	R	upe	es)
0	Duilding	(E0 000 ag m	+ \	Do	E	101

Land & Building (50,000 Sq.i	III.) NS. 0.49 Lau
Plant & Machinery	Rs. 12.92 Lac
W.C. for 1 Months	Rs. 2.85 Lac
Total Capital Investment	Rs. 21.44 Lac
Rate of Return	15%
Break Even Point	68%
*****	******

M.S. BILLET CASTING FROM SCRAP AND SPONGE IRON USING INDUCTION FURNACE

The Induction furnace based on mini steel plant is a versatile installations where provisions are available for producing a range of steel products by Alloying and casting into various shape. The products of steel plants are in the form of Ingots, Billets, Sheets etc. These Induction furnace based steel casting units are suitable for small scale industries and medium scale industries and yet have the capability to

complete in the internal as well as international market at all counts. In mini Billets are the basic Land products of steel from which different types of Plant steel products are made such as sheets. W.C Angles, Channels, Rods, etc. Mild steel Billets Total are the basic raw material for manufacturing Rate various types of re-rolled products. Mild steel Break billets are used for mechanical engineering works such as manufacturing machines and their parts. Steel billets are used for production of plate, sheets, strips, rod etc. by hot Rolling and cold Rolling process. It is the commercial forms of steels mill products which are directly used in the Engineering Industries. However is the steel billets is the first form of steel for producing other shapes by rolling, forging or extrusion process. The Industries of this type in SSI or medium scale have a wide spread immediate and future uses and applications which can at certain occasions reduce to some extent but can not be eliminated come what may plastics are certainly trying every best to replaced steel strips/sheets and of course, have succeeded in certain Areas to be considered a substitute but it has always been from just a few counted angles. If it is looked upon in every details it will be found that steels have substitute in wider senses so far.

 Cost Estimation

 Plant Capacity
 50 MT./Day

 Land & Building (1500 sq.mt.)
 US\$ 3.82 Lacs

 Plant & Machinery
 US\$ 1.18 Lacs

 W.C. for 3 Months
 US\$ 20.56 Lacs

iant a maoninory	000 1.10 Euo
V.C. for 3 Months	US\$ 20.56 Lacs
otal Capital Investment	US\$ 25.92 Lacs
Rate of Return	27%
Break Even Point	46%
*******	******

RUBBER PLANTATION

Rubber is traditionally grown in India in the hinterlands of the South West Coast comprising of the state of Kerala and adjoining Kanyakumari District of Tamilnadu. This tract is, however, now reaching a level of saturation for rubber cultivation and the scope of further expansion of the crop is very much limited. Considering this fact, the expansion of rubber cultivation, which is of prime importance for setting up rubber production, has to take place mainly in non-traditional areas. Non-traditional areas so far identified as almost fully or marginally suitable for rubber cultivation are Arunachal Pradesh, Assam, Manipur, Iower reaches of hills of Meghalava Mizoram Nagaland and Tripura excluding the other state of India. Although the North Eastern Region lies far outside the traditional rubber growing zone, the agro-climatic conditions obtained here are unique in as much as near tropical features are experienced in most parts owing to low elevations, exposure to monsoons and other moderating influences. Public Sector Corporations set up later joined rubber planting endeavours on extensive scales. Thus while in Assam and Tripura, Public Sector Corporations are leading in the rubber plantation sector, in Meghalaya, Manipur, Mizoram and Arunachal Pradesh the role has played by the State Forest and Soil Conservation Departments. Individual growers are also contributing to fast growth of rubber cultivation in this region.

Cost Estimation			
& Building (1000 Acres)	Rs. 31.22 Cr.		
& Machinery	Rs. 12 Lacs		
for 3 Months	Rs. 30 Lacs		
Capital Investment	Rs. 31.71 Cr.		
ofReturn	7%		
Even Point	70%		

CP BATH FITTINGS

This project proposes to manufacture chrome plated sanitary fittings eg., Bib cocks, Pillar cocks, stop cocks, Bottle trap, Basin waste Basin mixer, Angular stop cock, showers Introducer, and ceramic Disc with Quarter-turr fittings in single lever, etc. These are products of ordinary to sophisticated types. The Govt. of India has reserved this project for SSI Units in order to protect entrepreneurs from competition with large scale manufacturers. All the plant and machinery required for the project are indigenously available. These products are used as fittings in any Sanitary system. There is a large demand of chrome-plated bathroom fittings in all modern houses, offices, Hotels Railway Stations, Aerodromes & so on all over India.

Cost Estimation

oost Estimation		
Plant Capacity	1667 Nos./Day	
Land & Building (1012 sq.mt.)	Rs. 1.02 Cr	
Plant & Machinery	Rs. 28 Lacs	
Total Capital Investment	Rs. 1.92 Cr	
Rate of Return	45%	
Break Even Point	48%	
*******	******	

STEEL TRANSMISSION LINE TOWER AND ROLLING MILL TO <u>PRODUCE STEEL SECTIONS</u>

The transmission line towers are comparatively light structures and the maximum wind pressure is the main criterion for their design The concurrence of earth quake & intensified wind pressures may also be considered in the earth quake - prone areas for design of the overhead transmission line towers. These towers are fabricated by means of bolted joints only. The structural steels of well specified quality only are used in construction of transmission line towers to ensure the permissible stresses and other design details. Practices followed in material selection design fabrication, testing and must suit the field conditions of this country. Various design considerations are adopted in the design of self-supporting steel lattice towers for overhead transmission lines, including loads combination of loads, permissible stresses wind pressures likely to be experienced during service and atmospheric corrosion intensity. Cost Estimation (All Fig. in Lacs Rupees)

Plant Capacity 500 MT./Day Land & Building (5 Acres) Rs. 434 Lac Plant & Machinery Rs. 1,098 Lacs W.C. for 2 Months Rs. 11,183 Lacs Total Capital Investment Rs. 12,939 Lacs Rate of Return 79% Break Even Point 21% STATE BANK OF INDIA CA-30408535340 (RTGS/NEFT/IFSC Code: SBIN0001273)

Top Industries to Start

FERRO SILICON (FROM MINERAL INGREDIENTS)

Ferro alloys are used in making alloy steels and castings of different special types as addition agents. Ferro alloys are usually made in electric-are furnaces. Alloy steel have often greater limitations on tramp element concentrations than plain carbon steels Municipal ferrows scraps is largely used as part of the furnace charge to produce ferro alloys. Incinerated scrap is preferred because all of the consuminats are eleminiated though this source leaves a significant proportion of tin & copper impurities, yes due to the fact that ferro alloy is typically only a small addition to the final steel, the dilution of impurities, contained in the ferro alloy, results in acceptable concentrations. In steel making, various elements are added to the molten metal to effect various properties, eg. deoxidasion grain controly improvement of mechanical/thermal/ corrosion properties etc. Chemicals added into steels in the bath consists of iron and the elements intended to be incorporated, hence called ferroalloys. These ferro alloys are produced in electric & many other types of furnaces. A number of ferro alloys produced today contain very little of iron. Ferro alloys are, thus, a special class of addition agents.

Cost Estimation 200 MT./Day Plant Capacity Land & Building (1,00,000 sq.mt.) Rs. 1.99 Cr Plant & Machinery Rs. 6.62 C W.C. for 2 Months Rs. 68.71 C Total Capital Investment Rs. 78.21 C Rate of Return 71 Break Even Point 709

CATIONIC SOFTENER (STEARIC ACID BASED)

Softening agents are surface active agents with a long hydrophobic chain and a shorter hydrophilic water-solubilizing group. The former determines the softening character and generally differs in properties from those of detergents. The type of ionic charge on a softening agent exerts a great influence on its orientation on textile material. Softening of textile materials was probably carried out in prehistoric times and has continued till today. Most of the Softening agents are derived from straight chain fatty radicals containing 12 to 18 carbon atoms. In textile finishing articles, the past decade can be considered "the age of the acrylics" and the era of the multipurpose finish. Numerous polymers farmed from acrylic monomers have been specially 'Tailored' to meet the finisher exacting requirements. Multipurpose finished have been big property wise & economy wise

Cost Estimation		
Plant Capacity	5 Tons/Day	
Land & Building (5000 sq.mt.)	Rs. 5.19 Cr.	
Plant & Machinery	Rs. 82 Lacs	
W.C. for 3 Months	Rs. 2.97 Cr.	
Total Capital Investment	Rs. 9.50 Cr.	
Rate of Return	46%	
Break Even Point	37%	

PEPPERMINT CULTIVATION & PROCESSING

Consists of menthol (not less than 50%) extens of menthol pinene, limonene, cineole, menthone etc. It is derived by distilling the leaves and flavoring tops of the peppermint plant. The commercial cultivation of the plants known as peppermint and spearmint, members of the genus Mentha and the extraction, processing and shipment of their oils, includind menthol crystals, constitute an industry involving over \$100 million in transaction each year. The mint plsnts are perennials veilding aromatic oils which are increasingly importance and have indeed long been amongst the world's most valuable flavouring materials. Mint is probably the world's third most important flavour, being exceeded in popularity only by vanilla and citrus flavours. The oils obtained by the relatively simple process of steam distillation belong to a chemical class of plant products variably referred to as essential, volatile or ethereal oils, whose chemical composition consists almost entirely of hydrocarbon and oxygenated compounds known as terpenoids.

Cost Estimation

Peppermint oil 37,500 kg/Annum Capacity Culivated Herb 1500 Ton/Annum Menthol crystals 30,000 Kgs/Annum

De Mentholized Oil 27,000 Kgs/Annum vtracted Herb used as cattle feer

•••		Jaca o Toola
r.		2700 MT/Annui
r.	Land & Building (150 Acres)	Rs. 20.40 C
r.	Plant & Machinery	Rs. 2.31 C
6	Total Capital Investment	Rs. 23.45 C
%	Rate of Return	189

SILICON FROM RICE HUSK

Rice husk is a by product of agriculture a by product while is almost treated like waste and not seriously bothered about Consider. India's case every year about 60 million tonnes of paddy grown in the country produces upto 12 million tons of rice husk in over 900,000 rice mills spread around the country. Though, most of it is used as either a heating medium or as an animal feed. The strange fact is that 12 million tons of rice husk can have a heat value equivalent to around 20 million barrels of oil. To be more precise 3 kgs. of rice husk are equivalent to one litre of oil or 1.5 kilos of coal in heat content. Rice husk basically consists of a mixture of moisture Carbon. Volatiles. Ash and silica in ash. Its net heating value is between 3010 and 3340 kilo calories per Kg more over rice husk has low in cineration properties because of its silica cont modular shape and its light weight. In gen furnace rice husk produces heat of efficiency and in special type vertical fur it will produce heat of 95% efficiency. **Cost Estimation** Plant Capacity 5 Tons Land & Building (3000 sq.mt.) OW

RECLAMATION OF USED ENGINE OIL (BY CLAY AND VACUUM DISTILLATION PROCESS)

Now-a-days engine oil has become an important factor for automobile and other purposes and since the prices of all petroleum products have gone up. It has become extremely necessary to refine used engine oil which could be reused as original. Keeping this view Defence Research (Materials), Kanpur has developed a very simple process which envisages utilization of sulphuric acid, activated clay and filter aid as the raw materials and the suggested reclaimed economical unit for this industry is 200 tons per annum. Engine oil becomes contaminated with foreign material in service. In circulating systems, where a substantial quantity of oil is involved, it is desirable to maintain it as clean as possible to provide maximum working efficiency and to keep wear and damage of lubricated parts to a minimum.

Cost Estimation

Plant Capacity	4 KLS/Day
Land & Building (2000 sq.mt.)	Rs. 1.56 Cr.
Plant & Machinery	Rs. 46 Lacs
Total Capital Investment	Rs. 2.72 Cr.
Rate of Return	24%
Break Even Point	59%

HDPE PIPES (1 INCH TO 24 INCH OD)

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 unplastic. These HDPE pipes and fittings have a high degree of corrosion a high degree of corrosion resitance, are light in weight. Yet tough and durable, have excellent, hydraulic properties, excellent thermal properties, weatherability. As such law & high density pipes are various fields viz. agriculture industry. With their many advantages over conventional materials, plastics have revolutionized modern engineering, unlike steel and copper, plastic materials do not corrode, are much lighter and cost less

Cost Estimation

ent,	Plant Capacity	10 MT./Day
eral,	Land & Building (2 Acres)	Rs. 5.15 Cr.
65%	Plant & Machinery	Rs. 4.21 Cr.
nace	W.C. for 2 Months	Rs. 4.45 Cr.
	Total Capital Investment	Rs. 14.15 Cr.
	Rate of Return	37%
/Day	Break Even Point	47%
NED	*****	*****
acs	Patrons, deposit amount in	n EIRI Account
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Rs. 60

Rs. 2.5

Plant & Machinery

Rate of Return

Break Even Point

Total Capital Investment

Best Industries to Start and Grow

N-ACETYL THIOZOLIDINE-4-CARBOXYLIE ACID (NATCA)

N-Acetyl Thiozolidine-4-Carboxylic Acid (NATCA) is a versatile chemical, used in agriculture as a plant growth substance used as a fruit setter, bio stimulant germination enhancer. The use of plant growth substance may be caused of the most important quantitative yield yet achieved in agriculture. The principal aim of the agro chemical industry has been to provide chemicals that controls the competition to the crop. Plant growth substance on regulators are used to modify the crop by changing the rate or pattern or both, of its response to the internal and external factor, that govern all stages of crop development from germination through vegetable growth reproductive development maturity and senescance or aging as well as postharvest preservation.

Cost Estimation

Plant Capacity	700 KGS/Day
Land & Building (3000 sq.mt.)	Rs. 3.37 Cr.
Plant & Machinery	Rs. 36 Lacs
W.C. for 2 Months	Rs. 38 Lacs
Total Capital Investment	Rs. 4.38 Cr.
Rate of Return	24%
Break Even Point	52%
*********	*****

PRODUCTION OF ALL TYPES OF FANS SUCH AS AXIAL FANS. CENTRIFUGAL FANS (SMOKE EXTRACT FANS & FRESH AIR SUPPLY FANS), BATH ROOM FANS ETC.

Fans and blowers provide air for ventilation and industrial process requirements. Fans generate a pressure to move air (or gases) against a resistance caused by ducts, dampers, or other components in a fan system. The fan rotor receives energy from a rotating shaft and transmits it to the air. Difference between Fans Blowers and Compressors Fans, blowers and compressors are differentiated by the method used to move the air, and by the system pressure they must operate against.

Coot Estimatio

COSt Estimation		
Plant Capacity	40 Nos./Da	
Land & Building	US\$ 20 Lac	
Plant & Machinery	US\$ 4.65 Lac	
Total Capital Investment	US\$ 34.59 C	
Rate of Return	85%	
Break Even Point	35%	

READY MADE GARMENTS (T-SHIRT/POLO GOLFER/WOVEN **SHIRTING & SUITING FOR** UNIFORMS) AND SWEATERS MANUFACTURING

Readymade garment industry has occupied a unique place in the industrial scenario of our country by generating substantial export earnings and creating lot of employment. Its contribution to industrial production, employment and export earnings is very significant. This industry provides one of the

basic necessities of life. The employment provided by it is a source of livelihood for millions of people. It also provides maximum employment with minimum capital investment. Since this industry is highly labour-intensive, it is ideally suited to Indian condition. Readymade garments manufactured in India are well received across the overseas market and India has emerged as a preferred sourcing destination. India's including Readymade garments

Cost Estimation

Plant Capacity	4830 Nos./Day
Land & Building (8000 sq.mt.)	US\$ 10.01 Lacs
Plant & Machinery	US\$ 12.57 Lacs
W.C. for 2 Months	US\$ 12.82 Lacs
Total Capital Investment	US\$ 37.11 Lacs
Rate of Return	70%
Break Even Point	34%

PE BASED CARBON BLACK COMPOUNDS

Carbon Black is an important constituent in polyethylene compounds used in the manufacture of pressure pipes for the distribution of potable water and gas. The use of specialty P-Type carbon blacks provides for the most cost effective means of achieving the necessary level of UV stabilization without compromising the ultimate performance requirements of these pressure pipes. The Star Diagram is a visual and useful means of comparing differing types of carbon black for their relative suitability for use in pressure pipe applications. Cast Estimatio

Cost Estimation		
Plant Capacity	10 MT./Day	
and & Building (5000 sq.mt.)	US\$ 13.20 Lacs	
Plant & Machinery	US\$ 1.72 Lacs	
N.C. for 2 Months	US\$ 7.84 Lacs	
Fotal Capital Investment	US\$ 23.66 Lacs	
Rate of Return	57%	
Proak Evon Doint	34%	

ACTIVATED CARBON **FROM RICE HUSK**

The term Activated carbon, active carbon, or active charcoal is usually applied to amorphous carbons possessing higher absorption capacities than wood or animal charcoal. Many processes were developed during world war for the production of effective absorbents for use in gas masks. Industrial activated carbons in the form of pellets, granules or fine powders, and with many industrial applications, are now available in the market under different trade names. Commercial absorbent carbons may be grouped into decolorizing, gas absorbent, metal absorbent, and medicinal carbons according to their physical structure properties, and applications. Cost Estimatio

Plant Capacity
Land & Building (2000 sq.mt.)
Plant & Machinery
Total Capital Investment
Rate of Return
Break Even Point

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Start Your Own Industry

ONION DEHYDRATION

Dehvdrated vegetables are beina increasingly used as they retain their culinary quality and palatability and bring about economy in storage space and transport cost. Besides, there is optimum utilization of the product during the glut season, and saving of packaging material and tinplate. Dehydrated onion is used extensively in overseas countries as a condiment. Efforts are also being made for export of dehvdrated onions, which is being produced by several manufacturers. This standard is intended to help in the quality control of dehydrated Onion. Dehydrated Onions have been produced in small quantities since the nineteenth century is dehydrated onions were supplied to British naval expeditions in the midnineteenth century and dehydrated onions have been produced in sizable quantities during subsequent wars, primarily for consumption by armed forces, but also for civilian use.

Cost Estimation

Plant Capacity 5 Ton./D Land & Building (3000 sq.mt.) Rs. 3.67 C Plant & Machinery Rs. 1.11 C W.C. for 2 Months Rs. 3.09 C Total Capital Investment Rs. 8.42 C Rate of Return Break Even Point

STONE MINING

33

47

The quarry is the type of open pit mine, the rock or minerals are extracted from the quarry. For extracting building materials such as dimension stone, construction aggregate. riprap, sand and gravel; quarries are generally used. For the requirements for large amounts of aggregate in those materials, they are collocated with concrete and asphalt. The process of splitting the stones into usable shapes and different sizes for the process of building is known as stone quarrying. Stones from quarries have been used in all types of stone creations, and they are used in the process of constructions ranging from federal offices to farm foundations. In United States, stones quarries are classified into four major categories, they are boulder guarries, surface ledge quarries, commercial deep pit quarries, and subterranean quarries.

Cost Estimation	
Plant Capacity	2400 Tons/
Day	
Land & Building	LEASE
Plant & Machinery	Rs. 5.10 Cr.
Total Capital Investment	Rs. 8.02 Cr.
Rate of Return	81%
Break Even Point	35%

H.T. & L.T. INSULATOR, HT AIR BRAKE SWITCHES D.O. FUSE. LIGHTNING ARRESTERS

Materials having few free electrons poor conductors In fact, materials that have hardly any free electrons can be used to insulate electricity and are called insulators, as glass

mica, porcelain, rubber & paper. The function of an insulator is to insulate the line conductor from each other and from the pole or tower Three colours of insulator are used in over head lines, namely. The pin insulator gets its name from the fact that it is supported on a pin. The pin holds the insulator, and the insulator has the conductor tied on it. Pin insulators are made of either glass or porcelain The glass insulator is always one solid piece of glass, that is it is one piece insulator. The porcelain insulator is also a one piece insulator when used on low voltage lines but consists of two, three or four layers, cemented together to form a rigid until when used on higher voltage line. It is usually one piece for voltage below 23,000 volts. The use of several layers for high voltage line helps to spill the rain and provide a long, dry arc-over path. Pin insulator are seldom used on transmission lines having voltage above 4400 volts, although some 88000 volts, lines using pin insulators are in operation today.

Cost Estimation

	Capacity 2 Ton/Day	(HT/LT Insulator)
av	500 Nos/Day (HT Air Brake S	Switch & DO Fuse)
r.	100 Nos/Day (Li	ghtening Arrestor)
)r	Land & Building (6000 sq.mt	.) Rs. 7.60 Cr.
.r	Plant & Machinery	Rs. 1.12 Cr.
.r	W.C. for 3 Months	Rs. 1.45 Cr.
%	Total Capital Investment	Rs. 10.32 Cr.
%	Rate of Return	30%
***	Break Even Point	44%

BIO -DIESEL EXTRACTION FROM JATROPHA, SOYABEAN, SUNFLOWER, RICE BRAN, ALGE & CULTIVATION OF <u>JATROPH</u>A

The depleting sources of fossil fuel, ever increasing crude oil prices, increasing energy demand and global environmental concern are driving the world to look for alternative fuel. Biofuels, renewable liquid fuel extracted from biological raw material, have proved to be a good substitute for oil. Bio-diesel is forming a promising sustainable source of energy and is gaining world wide acceptance as a solution to problems of environmental degradation. energy insecurity and restrictive price structure. Therefore the production of Bio-diesel is becoming an increasingly important element in global energy policies. Cost Estimation

	Plant Capacity	40 MT./Da
SE	Land & Building (12,300 sq.mt.)	Rs. 3.18 C
Cr.	Plant & Machinery	Rs. 4.55 C
Cr.	W.C. for 2 Months	Rs. 7.98 C
1%	Total Capital Investment	Rs. 15.88 C
5%	Rate of Return	74%
****	Break Even Point	25%
R	***************************************	******

PVC PIPES AND FITTING

PVC pipe which is made from polymerized vinyl chloride, a synthetic resin, which when plasticized or softened with other chemicals has some rubber-like properties. Derived from acetylene and anhydrous hydrochloric acid.

PVC pipe has nominal sizes that are to be used with PVC socket fittings (schedule 40) and PVC socket or threaded fittings (schedule 80). PVC Pipe and Fittings have got tremendous demand in India as well as in abroad. To manufacture this, all the machinery and raw materials are available indigenously. A polyvinyl chloride (PVC) pipe is made from a plastic and viny combination material. The pipes are durable hard to damage, and long lasting. A PVC pipe does not rust, rot, or wear over time. For that reason, PVC piping is most commonly used in water systems, underground wiring, and sewe lines

Cost Estimation

10 MT./Day
Rs. 14.17 Cr.
Rs. 1.77 Cr.
Rs. 4.56 Cr.
Rs. 20.95 Cr.
13%
64%

PET BOTTLES IN CAP: 500ML, 1 LTR, 2 LTRS, 5 LTRS, USED FOR PACKAGED DRINKING WATER, EDIBLE OILS, ALCOHOLIC BEVERAGES

(COUNTRY LIQUOR & IMFL) ETC. While PET bottle development was proceeding in the US, a large manufacturer of injection moulding machines in Japan, was leading a project to develop a machine to make biaxially oriented PP (polypropylene) containers. They recognized that the prototype machine could be used to produce the new PET bottles and in December 1975, the One-stage ASB-150 injection stretch blow moulding machine for making the new biaxial oriented PET bottles was unveiled. All one-stage injection stretch blow moulding machines derived from this original Stretch Blow design are referred to as classic one-stage machines, as the concept has long since been extended into other PET developments

Cost Estimation

Plant Capacity	30000 Nos./Day
Land & Building (4000 sq.mt.) Rs. 5.35 Cr.
Plant & Machinery	Rs. 1.80 Cr.
W.C. for 3 Months	Rs. 3.81 Cr.
Total Capital Investment	Rs. 11.21 Cr.
Rate of Return	22%
Break Even Point	54%

HDPE PIPES & PIPE FITTINGS

Provision of drinking water supply, or in othe words 'piped' water supply to urban and rura population, constitutes an important aspect of developmental programmes in many countries. 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 cystems, are also currently available in the market.

Cost Estimation Plant Capacity 15 MT./Day Land & Building (2 Acre) Rs. 5.15 Cr

Best Industries to Start and Grow

Plant & Machinery Rs. 4.66 Cr. Total Capital Investment Rs 16 74 Cr Rate of Return Break Even Point

FAST FOOD RESTAURANT CHAIN WITH CENTRALLISED KITCHEN

This document is developed to provide the entrepreneur with potential investment opportunity in setting up and operating a medium sized fast food restaurant offering a variety of food items to the general public. This pre-feasibility gives an insight into various aspects of planning, setting up and operating a fast food restaurant for the general populace. The document is designed to provide relevant details (including technical) to facilitate the entrepreneur in making the decision by providing various technological as well as business alternatives. The document also allows flexibility to change various project parameters to suit the needs of the entrepreneur. Fast food is food which is prepared and served quickly at outlets called fast-food restaurants. It is a multi-billion dollar industry which continues to grow rapidly in many countries.

Cost Estimation

Land & Building Plant & Machinery W.C. for 1 Months Total Capital Investment Rate of Return Break Even Point

GLASS REINFORCED GYPSUM MOULDING

Rs. 1.25 Cr.

Rs. 1.49 Cr.

33%

68%

The usual construction methods are now giving way to more specialized and efficient materials and techniques for construction. Constant innovation has helped the sector to come out with new techniques that help in guick and easy realization of projects. Prefabricated construction is not new, but it has suddenly gained importance seeing the demand for housing and infrastructure rising. With the conventional methods of construction using brick and mortar time consuming and not efficient, prefab construction proves to be a better and efficient alternative. Prefabricated structures are useful for sites where normal construction is not suitable like hilly regions flyover sites, and even commercial buildings. Cost Estimation

Plant Capacity	15 MT./Day
Land & Building (20000 sq.n	nt.) US\$ 45.52 Lacs
Plant & Machinery	US\$ 66.46 Lacs
W.C. for 3 Months	US\$ 10.40 Lacs
Total Capital Investment	US\$ 1.23 Cr
Rate of Return	31%
Break Even Point	50%
*********	******

QUARTZ BASED INDUSTRIES (QUARTZ POWDER, SILICA SAND, SILICA RAMMING MASS & FUSED SILICA)

Silica. The most common occurrence of silica

(av) is in the form of quartz. Other forms which

are found in nature are tridymite, cristobalite, vitreous silica, cryptocrystalline forms (usually as pebbles in chalk), hydrated silica, and 60% diatomite. The principal sources of silica 35% used in the ceramic industry are the sandstones, quartzites, and sands. Quartzites, often called ganister, are firmly consolidated sandstones, whereas sandstones are rather lightly bonded quartz grains or sands. Silica is the primary ingredient in glass and is usually obtained from high purity sandstones or quartzites by crushing and grinding, or from high-grade sand deposits. The term glass sand may refer to a deposit of sand or, more commonly it is used to refer to the sand after it has been beneficiated from sandstones, quartzites, or natural sands.

Cost Estimation Plant Capacity 40 MT/Day Land & Building (8000 sq.mt.) Rs. 4.44 Cr. Plant & Machinery Rs 2 25 Cr W.C. for 3 Months Rs. 1.61 Cr. Rs. 8.64 Cr. Total Capital Investment Rate of Return 26% Break Even Point 59% *****

ANHYDROUS SODIUM **DITHIONITE PRODUCTION**

RENTED Sodium Hydrosulfite, also known as Sodium Rs. 21 Lacs Dithionite had been developed at the beginning of the 20th century and was first applied for textile printing. Due to structural change in the textile industry, the importance of the application for the bleaching of wood pulp in the paper industry increased continuously. Sodium Hydrosulfite is a white powder. Commercial sodium hydrosulfite contains 85% 90% sodium dithionite w/w. It is readily soluble in water and shows powerful reducing action in aqueous solutions. Sodium hydrosulfite is used as a reducing agent in dying application. It undergoes reduction reaction with waterinsoluble vat dye and sulfur dye to form watersoluble alkali metal salt of the dye so that they have affinity for the textile fiber. **Cost Estimation**

Plant Capacity 20 MT./Dav Land & Building (Area 1.5 Acres)US\$ 6.02 Lacs Plant & Machinery US\$ 28 Th US\$ 7.22 Lacs W.C. for 2 Months US\$ 14.34 Lacs Total Capital Investment Rate of Return 48% Break Even Point 49%

MAHINDRA CAR DEALERSHIP WITH AUTOMOBILE SERVICE STATION/GARAGE

A Car dealership is a business that sales new or used cars at the retail lavel based on dealership contact with Auto maker. It employs automobiles sales people to sell their automobile vehicle. It may also provide maintenance service for car sand employs automobiles technicians to stock and sells spare automobile parts and process warranty claims. Mahindra & Mahindra (M&M) was established in 1945 as Mahindra & Mohammed. Later on, after the partition of

India, one of the partners - Ghulan Mohammad - returned to Pakistan, where he became Finance Minister. As a result, the company was renamed to Mahindra & Mahindra in 1948 M&M started its operation as a manufacturer of general-purpose utility vehicles. It assembled CKD jeeps in 1949. Over the passing years, the company expanded its business and started manufacturing light commercial vehicles (LCVs) and agricultural tractors. Apart from agricultural tractors and LCVs, Mahindra & Mahindra also showed its dexterity in manufacturing army vehicles. Cost Estimation

Plant Capacity	3240 Cars/Annum
Land & Building (Area 4000) sq.mt.Rs. 2.63 Cr.
Plant & Machinery	Rs. 35 Lacs
W.C. for 1 Months	Rs. 22.15 Cr
Total Capital Investment	Rs. 25.60 Cr.
Rate of Return	58%
Break Even Point	31%

AUTO FILTERS (AIR FILTERS) OIL FILTERS & FUEL FILTERS)

Air filters and filtration equipment are ubiquitous equipment used in diverse industries and fields given the universal need to maintain particulate cleanliness to ensure efficient functioning of equipment/machinery and the growing pressure to improve urban and indoor air , quality. From residential, commercial to industrial sectors, these equipments are widely used to filter and remove atmospheric particulate matter. In clean air applications, the growing media clamor over deteriorating indoor air quality, increasing incidences of allergie respiratory disorders and growing threat of airborne infectious diseases., is triggering increased demand for air filtration and air cleaning devices.

Cost Estimation

Plant Capacity	900 Nos./Day
Land & Building (Area 2000	sq.mt.Rs. 1.66 Cr.
Plant & Machinery	Rs. 73 Lacs
Total Capital Investment	Rs. 3.83 Cr.
Rate of Return	27%
Break Even Point	67%
**********	*****

ABSORBENT COTTON & SURGICAL BANDAGES (EOU)

Absorbent Cotton also known as Surgica Cotton or Cotton Wool is mainly used for medical purposes in hospitals, nursing homes dispensaries etc., Because of high fluid absorbency power, it is better known as absorbent cotton. The absorbent cotton should be chemically inert and soft to give maximum protection and should not cause irritation. These properties can be achieved by manufacturing the product as per standard method of manufacture.

Cost Estimation Plant Capacity 3 MT/Day Land & Building (Area 5000 sq.mt.Rs. 5.19 Cr. Plant & Machinery Rs. 2.03 Cr W.C. for 1 Months Rs. 66 Lacs Total Capital Investment Rs. 8.25 Cr Rate of Return 32% Break Even Point 50%

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COTTON (RUI) FROM WASTE

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Product, Formulations, Process Flow Sheet Diagram, Process Detail in Stages from Raw Materials to Finished Products

Raw Materials [Imported/Indigenous]

od Machineries, Suppliers of Plant and Machineries.

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

Capital Assessment, Raw Material & Consumable Stores, Staff Salaries & Wages, Utilities & Overheads, Total Cost of Project, Sources of Finance/Refinance, Break Even Point Determination



Highly Profi	table Project	s for New E	ntrepreneurs
	conomic Feas	sibility Report	riechno s"
* STEEL FABRICATION		REQUIRED FOR PRESSURE COOKERS	* POULTRY AND HATHERY
(REINFORCEMENT BAR)	* PAVING BLOCK	NON STICK COOKWARES	* MILK PROCESSING PLANT
* ACRYLIC BATH TUB BY	* WIRE NAILS	& CIRCLES	* ROASTED, SALTED ALMONDS,
ACRYLIC SHEET	* TMT STEEL BARS	* LPG CYLINDER	PEANUTS FOR PACKING IN
* FABRICATION OF HEAT	* FASTENERS/NUT & BOLTS	* ALUMINIUM COMPOSITE	25g, 50g,250g & 500g SACHET-S
		* DEEP EREEZER	* CLIAR CLIM POWDER
MADE OF STAINLESS STEEL	* DISPOSABLE SYRINGES	ENVIRONMENTAL	* ALITOMATIC WHITE BREAD
* ALUMINIUM BEVERAGE CAN	WITH NEEDLE PLANT	CLEARANCE FOR	MAKING PLANT
* STEEL ROLLING MILL (BY	* FABRICATION UNIT	EXPANSION OF INGOTS/	* AUTOMATIC BISCUIT MAKING
INDUCTION FURNACE FROM	(PRESSURE VESSEL,		PLANT
STEEL SCRAP & SPONG	REACTOR VESSEL &	SMELTING PROCESS	
* M S BILLET CASTING WITH	EXCHANGERS) & SEAMLESS	* ALUMINIUM CONDUCTOR	* WALNUT PROCESSING PLANT
INDUCTION FURNACE	PIPES AND TUBES	* PRESTRESSED	* WHIPPING CREAM FRUITS &
FROM STEEL SCRAP &	* COPPER POWDER FROM	CONCRETE POLES	VEGETABLES POWDER UNIT
SPONGE IRON	COPPER SCRAP	* FASTENERS (NUT & BOLT)	(EXPORTS ORIENTED UNIT)
* PROCESSING OF LOW	* STONE CRUSHER	* ALLIMINIUM ALLOY PLANT	* NATURAL MEDICINE &
GRADE TUNGESTEN ORE	TYPES OF FANS SUCH AS	* STAINI ESS STEEL SINKS	
BUS PLANT	AXIAL FANS.CENTRIFUGAL	* ALUMINIUM ALLOY PLANT	* PACKAGED DRINKING WATER
* ASSEMBLY OF AIR -	FANS (SMOKE EXTRACT	* P.V.C BATTERYSEPARATOR	(PACKED IN 330 ml CUP, 500ML
CONDITIONER/CHEST	FANS & FRESH AIR SUPPLY	* AUTOMOTIVE TYRE AND	BOTTLE, 1500 ML BOTTLE AND
FREEZER/REFRIGERATOR	FANS), BATHROOM FANSETC.		20 LTR. JAR)
* G.I.LADDER & PERFORATED		* PRESSURE COOKWARE	* COLD STORAGE
* ALUMINIUM DOORS &	DEALERSHIP WITH	ALUMINIUM. STAINLESS	OR CALEOR POTATO CAP
WINDOWS (ALUMINIUM	AUTOMOBILE SERVICE	STEEL & HARD ANODIZED	1,00,000 BAGS (50 Kg/Bag),
FABRICATION)	STATION/GARAGE	* ELECTRIC WATER HEATER	STORING CAP: 5000 Mt,
* LEAF SPRINGS FOR	* AUTO FILTERS (AIR FILTERS,	* SOLAR WATER HEATER	SOLVENT EXTRACTION
TRACTOR DRAWN	OIL FILTERS & FUEL FILTERS)	* CORPLICATED	& REFINING (SOYABEAN) (Cap-
	CONDUCTORS		250mt/day & 50mt/Day oli Refining)
* STEEL BRIGHT BARS	* MANGANESE ORE JIGGING	GALVANISED IRON SHEET	* BOTTLING PLANT (WHISKY
* AUTOMOTIVE ENGINE VALVE	* STEEL TRANSMISSION LINE	* PRESSURE DIE CASTING	BRANDY, RUM, VODKS, GIN)
* AUTOMOTIVE BRAKING	TOWERS AND ROLLING MILL	* G.I.WIRE AND BARBED	FROM RECTIFIED SPIRIT/ENA
SYSTEM	TO PRODUCE STEEL		LUBE OIL BLENDING AND
	* EERRO SILICON (EROM	WIRE & M.S. BINDING	
* STEEL INGOTS	MINERAL INGREDIENTS)	* HOT DIP GALVANIZING	1 00 000 BAGS (50 KG/BAG)
* TMT STEEL BARS (SARIYA)	STAINLESS STEEL TUBES	PLANT FOR STRUCTURAL	* MAIZE FLOUR & BY PRODUCT
* AUTOMOBILE TRACTORS	* M.S.FASTENERS AND	STEEL AND PIPES	MANUFACTURING PLANT
* ACTIVATED ALUMINA BALLS	S.S. FASTENERS	* COLD ROLLING MILL	* CUT FLOWER (GLADIOLI,
* ALUMINIUM FOIL		STEEL AND STAINLESS	MARIGOLD, STATICE,
(S W PIPE)/ CLAY PIPE	MANUFACTURING PLANT	STEEL)	WITH GREEN HOUSE)
* IRON ORE PELLETIZATION	* LEAD ACID BATTERY	* PRESSURIZED AEROSOLS	* CATTLE FARMING AND
* ELECTRIC CONTROL PANEL	* GALVANISED WIRE	(LIKE BODY SPRAYS,	DAIRY PRODUCTS
* SOLAR PV POWER PLANT	* POWER TRANSFORMER	PERFUMES, SHAVING	* COLD STORAGE FORPOTATO
* MACHINE SHOP (FOR OIL	(50 KVA 10 2000 KVA)	LOTIONS ETC.)	AND OTHER HORTICULTURE
	* GALVANISED IRON SHEETS	* ANHYDROUS SODIUM	or 100000 Bags (50 Kg/Bag)
ENGINEERING INDUSTRY)	* M.S.BILLETS	DITHIONITE PRODUCTION	* DEXTROSE PLANT
* STEEL BRIGHT BARS	* STEEL GRATING	(SODIUM FORMATE	* SBR RUBBER SHEETS AND
* CEILING FAN	(GALVANISING ELECTRO	PROCESS)	SHOE MANUFACTURING
* COPPER STRIP COILS FROM	FORGED STEEL GRATING)	* SODA ASH PLANT (FROM	* CASHEW NUT PROCESSING
	* ESTABLISHMENT OF	* SISAL FIBRE	
PANELS (SOLAR PV PANELS)	MANUFACTURING OF	REINFORCED	LAMINATED PARTICLE BOARD
* ROTARY AIR LOCKS, SCREW	REFRIGERATING APPLIANCE	* CEMENT ROOFING SHEET	* VENEER MAKING, PLYWOOD
CONVEYOR, MOTORIZED/	* WELDED WIRE MESH	* HIGH ALUMINA	& PLYBOARD MAKING
PNEUMATIC DAMPER, FLAP	* ALUMINIUM COLD	REFRACTORY BRICK	* WALNUT & PINUS(CHILGOZA)
	KULLING MILL FOR	* CATHETERS	UIL, SHELL POWDER
PLANTS AND THERMAI	* ALUMINIUM ROLLING	MANUFACTURING	
POWER PLANT	MILL FOR MANUFACTURING	* SURGICAL RUBBER	PLANT (1,00,000 BOTTLES/
* ALUMINIUM EXTRUSION	ALUMINIUM CIRCLES	DISPOSABLE GOODS	DAY)

* PLASTIC GRANULES FROM	* READY MADE GARMENT	FIBRE BLANKET, CERAMIC	* POLYALUMINIUM CHLORIDE
PLASTIC WASTE	(T-SHIRT/POLO GOLFER/	FIBRE BOARD AND CERAMIC	* NAMKEEN INDUSTRY
* ROPE AND SUTLI MAKING	WOVEN SHIRTING & SUITING	FIBRE ROPE	(BHUJIA, CHANACHUR ETC.)
PLANT	FOR UNIFORMS/SWEATERS)	* COLD SUPPLY CHAIN	* POLYOL USED FOR
* BOTTLING PLANT (COUNTRY	MANUFACTURING	* LAMI TUBE MANUFACTURING	POLYURETHANES
	* BIO-DIESEL EXTRACTION	* EYE DROP 3 PIECES	* POLYSTYRENE POLY
	FROMULATROPHA		
	SOVABEAN SLINELOW/ER	* PET BOTTI ES (CAMBER/	
	DICE DDANL ALCE &		
TOXIN PAN MASALA,			
TOBACCO LESS GUTKHA		15IVIL, OUVIL TOUIVIL, ISSIVIL,	
AND ZARDA	* FAST FOOD RESTAURANT		* FORMALDEHYDE MOULDING
* RUBBER & FLAT	CHAIN WITH CENTRALLISED		POWDER
TRANSMISSION BELT	KITCHEN	CHLORIDE (BKC)	* INSTANT COFFEE
CONVEYOR BELT	* GUAR SPLIT POWDER AND	* NATURAL SUGAR WAX	* ANNATTO SEED COLOUR
* UPVC DOORS & WINDOWS	OTHER BY PRODUCTS	* MARGARINE BUTTERFROM	EXTRACTION
FABRICATING PLANT (Fixing	* SOLVENT EXTRACTION	VEGETABLE OIL	* FRUITS AND VEGETABLES
and Installation of Door and	PLANT (COTTON SEED)	* GREEN HOUSE FOR CROP	DRYING BY (FREEZE DRYING
Windows of uPVC profiles)	* RASGULLA MANUFACTURING	PRODUCTION	METHOD)
* RUBBER & FLAT	AND CANNING	* ORGANIC DAIRY FARMING	* BIO GAS PRODUCTION AND
TRANSMISSION BELT	* CULTIVATION OF RICE &	* E-WASTE	BOTTI ING PLANT
	WHEAT COMMERCIAL &	* BIO-DIESEL FROM ALGAE	* JAM JELLIES FRUIT JUICE
	MECHANISED DEVELOPMNT		
	* MAIZE & BY PRODUCTS		
TLANT (EAPELLER PROCESS)			
150 BEDS HOSPITAL FACILITY			
[*] MICRO IRRIGATION	GLUGUSE/DEXTROSE		
PRODUCT MANUFACTURING	MONOHYDRAIE/GLUCOSE	BOTTLES	FROM TURMERIC
PLANT	SYRUPS/CORN SYRUP	* ORGANIC DAIRY FARMING	DETERGENT WASHING
* HOT DIP GALVANIZING	SOLIDS/HIGH MALTOSE	AND PRODUCING WHOLE	POWDER (ARIEL TYPE)
MUSTARD OIL PROCESSING	CORN SYRPS/ MAITO	MILK POWDER (WMP)	* GRANITE SLAB AND TILES
PLANT (EXPELLER PROCESS)	DEXTRINE POWDER/CORN	* HDPE BOTTLES	* TEA PACKAGING
CEMENT TILES, CANAL LINE	GLUTEN MEAL (60%) MAIZE	* CAUSTIC SODA FROM	* PAN MASALA & GUTKHA
SLAB, KERV STONE, PAYER	OIL/SORBITOL	SODIUM CHLORIDE	* PRESTRESSED CONCRETE
RCC PIPE, MANOHOLE	* TEAK FARMING	* COAL TAR PITCH	ELECTRIC POLES
	* ARTIFICIAL MARBLE	* MOSQUITO REPELLANT	* LEATHER SHOES
	(SYNTHETIC)	* WRIST BAND	* ROTOGRAVURE PRINTING
* MEDICAL COLLEGE (100	* POTATO STARCH CARDANOL	* CASTOR OIL AND ITS	(FOR ELEXIBLE PACKAGING)
	FROM C N S L (CASHEWNUT	DERIVATIVES OF EO RESIN	
	SHELL LIOVID		
		SEBACIC ACID 12-HYDROXY	
WITH 500 BED HOSPITAL)	INTEGRATED SCRAP TARD	SEBACICACID, 12-HTDROAT	
* ESTABLISHMENT OF A			
PRIVATE UNIVERSITY	MANGO PULP (5 TON/HOUR		MANGANESE ORE
* DIGITAL INKS	200 KG ASEP TIC PACKAGING)	* PROCESSED CHEESE	BENEFICATION
* GALVANIZING PROCESS	* BOTTLING PLANT (WHISKY,	* MONOCHLOROBENZENE	* MINERAL WOOL
PLANT FOR ELECTRICAL	BRANDY, RUM, VODKA, GIN)	* EUGENOL FROM CINNAMON	* CALCIUM SILICATE
POLES	FROM RECTIFIED SPIRIT/ENA	OIL	* TOUGHENED GLASS
* MAIZE PROCESSING PLANT	* COW DAIRY FARMING	* SULPHUR 80% WDG	* HUMIC ACID
* STARCHES / MODIFIED	(AYRSHIRE/HOLSTEIN) AND	* CERAMIC FIBERS,	* OFFSET PRINTING UNIT
STARCHES/ LIQUID GLUCOSE	MILK PROCESSING MILK/DAY	CERAMIC FIBRE BLANKET,	(5 COLOUR)
/ DEXTROSE MONOHYDRATE	CAP-50,000 LTR/DAY	CERAMIC FIBRE BOARD	* CASTOR OIL AND ITS
/GLUCOSE SYRUPS / CORN	* WHEAT FLOUR MILL	AND CERAMIC FIBRE ROPE	DERIVATIVES OLEORESIN
SYRUP SOLIDS / HIGH	* CHAKKI FLOUR MILL	* SCREEN PRINTING	* TISSUE PAPER PULPING
MALTOSE CORN SYRUPS /	* I.V. FLUID (FFSTECHNOLOGY)	* DI CALCIUM PHOSPHATE	FROM SAW DUST
	* LIQUID GLUCOSE FROM	FROM ROCK PHOSPHATE	* KNITTED GLOVES
	POTATOES	& HAIFA PROCESS	* RADIATOR COOLANT
	* SORBITOL FROM MAIZE	* PVC ELEXIBLE PIPE	* LATEX FOAM RUBBER
	STARCH		
FAI LIQUOR (CHLORINATED			
PARAFFIN WAX)			
BOTTLING OF WHISKY			SODIUM SILICALE FROM
* UPVC DOORS & WINDOWS		ALOFVEDA HUSE AND OF	PADDY/RICE HUSK
PROFILES	COTTON SEED OIL SOLVENT		I RIE I HYLENE GLYCOL
* EPDM RUBBER PROFILES	EXTRACTION PLANT		* RAMMING MASS
* FAT LIQUOR (CHLORINATED	* MARINE TRAINING INSTITUTE	^ AUTOMOBILE WORKSHOP/	* WOOD PEELING &
PARAFFIN WAX)	& PLACEMENT SERVICE	GARAGE	VENEER MAKING
* FAST FOOD RESTAURANT	PROVIDING AGENCY	* EGG TRAY FROM PULP	* PETROLEUM JELLY
WITH CENTRALLISED	* I.V.FLUID (FFS TECHNOLOGY)	* CARDANOL FROM C.N.S.L.	* DAIRY FARM (COW &
KITCHEN	* CERAMIC FIBERS, CERAMIC	* OXYGEN GAS	BUFFALO) TO PRODUCE
		l	
Market Current Current	Detailed Techno Feenamic Fee	antheilite. Demant an all Dustants	and available a successful

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Highly Profitable Projects for New Entrepreneurs				
"EIRI M	larket Survey	Cum Detailed	Techno	
	conomic Feas			
MILK & PACKAGING IN POUCHES	* MEDICAL DISPOSABLE	* CALCIUM CHLORIDE	(SCHOOL CHALK)	
* CUTTING OIL LIQUID GOLD	* METAL POLISHING BAR	* AMINES & ALLIED PRODUCT	* TOMATO POWDER	
(IN PASTE FORM)	* SANITARY NAPKINS & BABY	* SPINNING COTTON	* BIODEGRADABLE /	
* P.V.C. LEATHER CLOTH	DIAPERS			
(REXINE) * COAL TAR DISTILLATION		* CAUSTIC SODA FROM	EMULSION	
* ALUMINIUM LABEL PRINTING	* MULTIAXIAL GLASS FABRIC	ELECTROLYSIS	* ESTER GUM (FOOD GRADE)	
* FOLDING CARTNS/MONO	* ACTIVE ZINC OXIDE	* CAMPHOR TABLETS	* PROTEIN BASED FOAMING	
CARTONS	* COPPER PHTHALOCYANINE	* CERAMIC GLAZED WALL		
	* TURMERIC OIL EXTRACTION	* ZINC SULPHATE MONO	* SOYA OIL AND CATTLE	
GOODS)	* CNSL BASED RESIN IN	* ETHANOL (BIO FUEL)	FEED FROM SOYA	
* AGRICULTURAL CHEMICAL	LIQUID & POWDER FORM	FROM RICE STRAW	BEAN	
(PLANT GROWTH PROMOTER	BOPP FILM	* GYPSUM MOULDING AND	* COMPARISON BETWEEN	
AND PLANT GROWTH	* BETA IONONE			
* MENTHOL BOLD CRYSTALS	* ZINC & COPPER SUILPHATE	* ACID (SILICA) AND BASIC	(CLC) BRICKS	
FROM MENTHOL FLAKES	* PAPER BASED PHENOLIC	RAMMING MÁSS	* CELL CAST ACRYLIC	
* ORGANIC FARMING	SHEET (FOR ELECTRICAL	* UNSATURATED	SHEET	
	APPLIANCE)	* DAIRY (BLIEFALO) FARMING		
* COLD STORAGE	* THINNERS (WHITE SPIRIT	SILICONE FROM RICE HUSK	* THERMOCOLE BASED	
* FLAT PVC LAMINATED	* SINGLE SUPER PHOSPHATE	* N-ACETYL THIOZOLIDINE-	DISPOSABLE PLATES	
* SAFTY GLASS/TOUGHENED	& SULPHURIC ACID	4-CARBOXYLIC ACID (NATCA)	* SODIUM SILICATE FROM	
GLASS	* MONO CALCIUM PHOSPHATE	* PE BASED CARBON BLACK		
	& DI-CALCIUM PHOSPHATE			
* DRY WALL PUTTY (WHITE	* FLEXIBLE Ρ.U. FOAM * ΔSPIRIN	* PVC PIPES & FITTING	SULPHATE	
CEMENT BASED)	* SORBITOL FROM MAIZE	* GLASS REINFORCED	* LATEX GLOVES,	
* CHARCOAL BRIQUETTE	STARCH	* GYPSUM MOULDINGS	CONDOMS & CATHETER	
* OXALIC ACID FROM	* SPICE OIL & OLEORESIN	ABSORBENT COTTON &	* CALCIUM NITRATE	
MOLASSES * POTATO GRANULES	* ANTI-FOAMING AGENT	* CALCIUM STEARATE BY	DISTILLERY	
* SANITARY NAPKINS & BABY	DISTILLERY SUGAR PAPER	FUSION PROCESS	* BULK DRUGS	
DIAPERS	PLANT ETC.	* MANGO POWDER & OTHER	* MARBLE QUARRYING	
* CORRUGATED BOXES	* LAUNDRY & DRY CLEANER			
	* BRICKS FROM STONE DUST		HOUSE	
PRINTING MACHINE	* TITANILIM DIOXIDE	* CRYSTALS (PEPPERMINT)	* SULPHUR 90% WDG	
* LACTIC ACID	* UNDECYENIC ACID	MANUFACTURE OF	* EGG POWDER	
* EMERY PAPER (SAND PAPER)	* PSA BASED NITROGEN	CELLULOSEACETATE		
* RUBBER RECLAIM SHEET	GENERATOR			
	* SYNTHETIC IRON OXIDE	* ALOEVERA CULTIVATION &	AND SODIUM LAURYL	
* MANGO PULP	* TAMARIND KERNEL POWDER	PROCESSING	ETHER SULPHATE	
* PARTICLE BOARD FROM	* ORGANIC CHEMICAL &	* SYNTHETIC MAGNESIUM	* FISH PROCESSING	
BAGASSE AND RICE HUSK	SOLVENTS			
* TENDER COCONUT WATER	* PLASTICIZERS	HYDROCHLORIDE	* GUR (JAGGERY)	
* CALCIUM CARBONATE	TYPE VIOLET-SEMI SOLID	* ACTIVATED BLEACHNG	* DAIRY PRODUCTS	
* LIME CALCINATION PLANT	POLYMER TYPE)	EARTH	* CHLORINATED PARAFFIN	
* INJECTION MOULDED	* GUM FROM TAMARIND			
	* PEARL SUGAR CANDY		DETERGENT POWDER	
* BLACK PEPPER	(MISHRI) * GOAT & SHEEP FARMING	* CATIONIC SOFTNER	USING THE DRY MIX	
* MULTIAXIAL GLASS FABRIC	* GYPSUM PLASTIC BOARD	(STEARIC ACID BASED)	PROCESS INCLUDING	
* LIQUID TOILET CLEANER	(AUTOMATIC PLANT)	* PRECIPITATED SILICA	FORMULA OF DIFFERENT	
	* NON-WOVEN INDUSTRY		MEDIUM/HIGH COST)	
		(UREA, PHENOL, MELAMINE)	* HANDWASHING DETERGENT	
* LIQUID GLUCOSE FROM	CAPS, SHOE COVER, GLOVE)	* HDPE MONO FILAMEN NET	POWDER USING THE DRY	
BROKEN RICE	* COTTON SPINNING, SIZING,	* POTATO & ONION FLAKES	MIX PROCESS INCLUDING	
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FORMULA OF DIFFERENT	OUTSOURCE (B.P.O.)	* EPDM RUBBER PROFILES	PACKAGING			
TYPES QUALITIES (LOW/	* EMPTY HARD GELATINE	(WEATHER STRIPS,	* NYLONE 66 CURING TAPE			
MEDIUM/HIGH COST)	CAPSULES	INDUSTRIAL MONOSTRIPS	USED IN RUBBER HOSE PIPE			
* DIGITAL PHOTOPAPER/	* BIOFERTILIZER	ETC)	WRAPPING			
INKJET PHOTOPAPER	* PLASTIC MOULDING UNIT	* GRANITE CUTTING AND	* ANTIFOAMING/DEFOAMING			
* KAOLIN FOR ROAD MAKING	(CHAIR, TABLES &	POLISHING UNIT (100% EOU)	AGENT LIKE ANTAROL T-709			
PEPPERMINT CULTIVATION &	* GOLD POTASSIUM CYANIDE	BANDAGE, CREPE BANDAGE	MOCK MEAT			
PROCESSING	(G.P.C.)	& PLASTER CART (READY	* KRAFT PAPER USING WASTE			
PROCESSING	* HDPE, PVC & CPVC PIPES	MADE) E.G. GYPSONA 3M	PAPER AND OLD			
+ HDPE PIPE	AND FITTINGS	CART	CORRUGATED CARTONS			
+ ACTIVATED CARBON FROM	* NO CARB PASTE	* ENTERTAINMENT CLUB,	* GLASS BOTTLE FOR BEER			
RICE HUSK	(ANTICARBURIZING PASTE-	HOLIDAY RESORT, 4 STAR	AND BEER MUG (I UMBLER)			
* HT & LT INSULATOR, HT AIR	WATER SOLUBLE) FOR HEAT	HOTEL, AMUSEMENT PARK	* DISPOSABLE SYRINGES AND			
BRAKE SWITCH D.O. FUSE,	TREATMENT	CUM WATER PARK,	NEEDLE PLANT (Single Use			
LIGHTENING ARRESTOR	* CONVERSION WASTE	MUSHROOM & ITS	Syringes, Single Use Needles &			
* PET BOTTLES IN CAP: 500ML,	PLASTIC WITH TYRE INTO	PRODUCTS, FISH FARMING,	As Syringes)			
1 LTR, 2 LTRS, 5 LTRS, USED	ACTIVATED CARBON AND	LAKE FOR BOATING, DEER	* DIRECT FILLED BALL PEN			
FOR PACKAGED DRINKING	INDUSTRIAL FUEL	PARK ETC.	(USE AND THROW)			
WATER, EDIBLE OILS	* PYROLYSIS PLANT FROM	* HDPE, PVC, LLDPE PIPES/	* BENZALKONIUM CHLORIDE			
* ALCOHOLIC BEVERAGES	PLASTIC & RUBBER	TUBES AND FITTING	* SPINNING COTTON (COTTON			
(COUNTRY LIQUOR & IMFL)	* COMPARISON BETWEEN FLY	* EPOXIDIZED SOYABEAN OIL	SPINNING PLANT)			
* QUARTZ BASED INDUSTRIES	ASH AND CELLULAR	(SECONDARY PLASTICIZER)	* CALCIUM CHLORIDE USING			
(QUARTZ POWDER SILICA	LIGHTWEIGHT CONCRETE	USED IN PVC COMPOUND	LIME STONE AND			
SAND SILICA RAMMING MASS FUSED SILICA) * BEEDI (BIDI) BY MACHINE * RICE SHELLER * FRUIT RIPENING CHAMBER * MINERAL WATER AND PET	(CLC) BRICKS * AGAR AGAR * NAIL POLISH * PLASTIC GRANULES FROM WASTE * AGARBATTI SYNTHETIC	* POULTRY PROCESSING PLANT B.O.P.P. SELF ADHESIVE TAPES * I.V.SET * MANGANESE OXIDE AND MANGANESE OXIDE AND	HYDROCHLORIC ACID * RUBBER POWDER FROM WASTE TYRES * CALCINATION PLANT FOR PYROPHYLLITE AND DIASPORE MINERALS BY VEDTION ONLY TWO			
BOTTLING PLANT	PERFUMERY COMPOUNDS &	MANGANESE SULPHAIE	VERTICAL SHAFT KILN			
* DIAGNOSTIC LAB AND	AGARBATTI COMPOUNDS	* ODOURLESS NYLON	PROCESS			
* ONLINE TRADING BUSINESS	LIKE (CHAMPA, MOGRA,	GRANULES FROM FIBER OF	* ONION, GARLIC & GINGER			
* CEREAL MILLING	SANDAL WOOD & LOBAN)	WASTE TYRE WITHOUT	DEHYDRATION PLANT			
* MINI OIL PLANT SUITABLE	* PET PREFORM AND PET	CHANGING PROPERTIES OF	* POTASSIUM NITRATE			
FOR GROUNDNUT OIL AND	JARS (20 LTRS CAPACITY)	NYLON	* POTASSIUM SULPHATE			
COTTON SEED OIL	* KRAFT PAPER FROM 100%	PAR TICLE BOARD FROM RICE	* N.H.K. FERTILIZER			
* CHANACHUR, BHUJIA,	WASTE PAPER	HUSK OR WOOD WASTE OR	* CHICORY EXTRACT			
GANTHIA (AUTOMATIC	* PRIVATE UNIVERSITY	SUGAR CANE BAGASSE OR	(ROASTED CHICORY			
PLANT)	* LIQUID GLUCOSE AND	MIXED OF ALL ABOVE	GRANULES/CUBES, LIQUID			
* KHADYA SURAKSHA (FOOD	MALTODEXTRIN FROM	POULTRY LAYER AND	EXTRACT ETC.)			
SECURITY)	BROKEN RICE	BROILER FARMING	* SOLID WASTE SEGREGATION			
* PLASTIC WATER STORAGE	* DRY WALL PUTTY (WHITE	* TOMATO, GUAVA AND MANGO	* LAMITUBE MANUFACTURE			
TANKS	CEMENT BASED)	PULP	* BOARDING SCHOOL			
* ZINC SULPHATE,	* CONSTRUCTION CHEMICALS	* GREEN HOUSE	* CERAMIC FUSE TUBE/			
MONOHYDRATE & HEPTA	OT PASTE	* HYDROXY PROPYL GUAR	BARRELS USED IN HRC FUSE			
HYDRATE	* FUSED SILICA FROM SILICA	(HPG) AND CARBOXY	* SODIUM POLYACRYLATE			
* CIGARETTE	SAND	METHYL HYDROXY PROPYL	DISPERSANT FOR USE IN			
MANUFACTURING UNIT	* BANANA CHIPS, BANANA	GUAR	WATER BASED PAINT WITH			
* CATTLE FEED PELLETS	PULP & BANANA POWDER	* BATHSOAP MANUFACTURE	DISPERSANT FOR PIGMENT			
PLANT FOR COW &	(BANANA PRODUCTS)	* PLASTIC MOULDED CHAIRS	* NAIL POLISH, LIPSTICKS,			
BUFFALOE FOR BOOSTING	* CONFECTIONERY UNIT	FROZEN POTATO PATTY	NAIL POLISH REMOVER			
MILK AND GROWTH	(TOFFEE, CANDY /LOLLIPOP	* CALCIUM ALUMINATE	* SOYA PRODUCTS (MILK,			
TYRE RECYCLING UNIT	CHEWING GUM BUIBBI F	* ACTIVATED CARBON FROM	PANEER, TOFU, BUTTER,			
* PAPAIN EXTRACTION INDUSTRY * CAKE SHOP * BUSINESS PROCESS	GUM CHOCOLATE) * FORMALDEHYDE RESIN (UREA, PHENOL, MELAMINE & THEIR MODIFIED RESINS) TERMS /	COCONUT SHELL * RIGID PVC FILM MANUFACTURE FOR PHARMACEUTICALS BLISTER	CHEESE CURD/YOGURT, ICE CREAM) WITH PACKAGING UNIT * GREASE MANUFACTURING			
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