

Startup:

Business Ideas for
Entrepreneurship



Distribution Transformers and Repairs

- The transformer is a device that transfers electricity or energy from one electric circuit to another without change of frequency and usually, but not always, with a change in voltage. The basic principle of a transformer is Faraday's laws of Electromagnetic Induction, which states that whenever the flux linked with a coil changes an E.M.F is induced. Using distribution transformers, the primary feeder voltage is reduced to actual utilization voltage (~415 or 460 V) for domestic/industrial use. A great variety of transformers fall into this category due to many different arrangements and connections. Since very little supervision is possible, users expect the least maintenance on these transformers. The cost of supplying losses and reactive power is highest for these transformers. The different type of faults occurs in transformers and repairing fault. When any fault occurs in a transformer heat produced in the transformer is carried out by oil which in the process expands & some amount of oil also gets vaporized.
- Due to fast industrialization and growing domestic demand of electricity there is a good scope to venture in to this field.

A4 Size Paper from Jambo Rolls

- Paper is one of the most important and widely used consumer materials with an endless ability to be transformed. It is writing paper, paper used for printing. Paper is often characterized by weight. In the United States, the weight assigned to a paper is the weight of a ream, 500 sheets, of varying "basic sizes", before the paper is cut into the size it is sold to end customers. Paper can be classified as: Printing papers, Wrapping papers, Writing paper, Blotting papers, Drawing papers, Handmade papers.
- The largest standard size paper is A0 (A zero), measuring one square meter (approx. 1189x841 mm). Two sheets of A1, placed upright side by side fit exactly into one sheet of A0 laid on its side. Similarly, two sheets of A2 fit into one sheet of A1 and so forth. Common sizes used in the office and the home are A4 and A3.
- Due to high demand of A4 Size Paper everywhere around Schools, Offices, Colleges, the entrepreneur enter in to this field will be successful.

Maize Processing Unit

(Starch, Glucose, Germs, Fibres, Gluten & Steep Water)

- The maize also called "Corn or Indian Corn" is widely cultivated in India; Maize ranks high among the four or five principal cereal crops of the world. Maize is utilized in more diversified ways than any other cereal. The grain is quite nutritious, with a high percentage of easily digested carbohydrates, fats and proteins and hardly and deleterious substances. In many underdeveloped or developing countries, including India, maize is an important food crop.
- Besides food, maize and maize products have numerous industrial uses such as in adhesives, explosives and soaps, and for textile sizing, etc. Maize starch is employed in the manufacture of asbestos, ceramics, dyes, plastics, oil cloth, linoleum, paper, and paper boards, and in textiles, mining, deep oil drilling, and cosmetic and pharmaceutical industries.
- The average yield in India is 1.68 MT/ha. About 4 million MT is used as animal feed, about 5 million MT is dry milled and 2 million MT is wet milled. Maize is cultivated in almost all states in the country. The crop is grown both in Kharif and Rabi seasons in India with a share of 85 per cent and 15 per cent, respectively.

Copper Sulphate from Metallic Scrap

Copper

- Copper is one of the most widespread materials used in the production of electronic equipment and found in multiple appliances as, e.g. circuit boards. Copper recycling has lately become more important due to the depletion of the earth copper resources and thus the increased price for raw material. The development of recycling processes is an important issue to effectively utilize the copper resources, minimize the adverse effects of hazardous materials and protect our environment. The processes used for copper recycling depend on the copper content in the raw material, its size distribution, and other constituents.
- Today, annual consumption of copper is more than nine times as large. The annual usage of copper throughout the world has doubled since the 1970's to reach almost 20 million tons in 2005, of which 70% was produced by mining and 30% by recycling.

Glass Bottles using Broken Glass (Recycling of Glass)

- Glass is an amorphous (non-crystalline) solid material that exhibits a glass transition, which is the reversible transition in amorphous materials (or in amorphous regions within semi crystalline materials) from a hard and relatively brittle state into a molten or rubber-like state. Glasses are typically brittle and can be optically transparent.
- Millions of glass bottles are created worldwide every day. It is a highly mechanized process, and bottles in use today are no longer hand blown as they were in the past.
- Worldwide, the alcohol industry is the largest user of glass packaging, which accounts for as much as 76% of all packaging of global spirits. According to Euro monitor nearly 200 billion units of glass sold in alcoholic drinks in 2012. The Indian Economy has been enjoying sustained growth for more than a decade, averaging of over 7% since 1997. Even during the 2008 global meltdown, the country had shown remarkable resilience.

Pesticides/Insecticides (Technical Grade)

- Pesticides are substances meant for attracting, seducing, destroying or mitigating any pest. They are a class of biocide. The most common use of pesticides is as plant protection products, which in general protect plants from damaging influences such as weeds, diseases or insects. Pesticides can be classified by target organism, chemical structure and physical state. Biopesticides include microbial pesticides and biochemical pesticides. Plant-derived pesticides, or "botanicals", have been developing quickly. These include the pyrethroids, rotenoids, nicotinoids, and a fourth group that includes strychnine and scilliroside.
- The global market for crop protection chemicals, in terms of active ingredient volume was estimated at 2,075.5 KT in 2011 and is expected to reach 3,136.1 KT by 2018, growing at a CAGR of 3.2% from 2013 to 2018. India produces 90,000 metric tons of pesticides a year. India's pesticide industry is the largest in Asia and the twelfth largest in the world. With over 400 million acres under cultivation and over 60% of the country's population dependent on agriculture, the country's economy depends on the agricultural sector to a substantial extent.

Corn Flakes

- Corn flakes being one of most nutritious foods and is consumed as breakfast food not only in India but-elsewhere in the world.
- Basically, it is prepared from maize; this is the main raw material. Flavours, like sugar or salt are also added. Maize, the main raw material, is itself a corn grain. Corn flakes have very good taste. Though several other breakfast cereals are also available in the market but they are still to gain popularity. Besides the good taste, crispy nature, corn flakes are also popular because of their friable texture, blend flavour and above all the ease with which it can be prepared for consumption. Corn Flakes can be manufactured either of the two white or yellow corns. The only difference is that flake formed using yellow corn is more dark in colour. From raw corn flakes (before roasting) corn syrup can be prepared. It is prepared by removing starch from maize by soaking and treating with chemicals. It is also being used by liquor industry for manufacture of beer etc.

Caramel Colour

- Caramel is a well-known Pure and simple, brown means flavor and staple commercial material. It is an amorphous, dark-brown material that has been produced by the carefully controlled heat treatment of saccharine materials such as dextrose, invert sugar, lactose, malt syrup, molasses, sucrose, starch hydrolysates and fractions thereof, etc. The heavy-bodied, almost black syrup contains colour, components that impart the amber shade found in carbonated beverages, pharmaceutical and flavoring extracts, candies, soups, bakery products, and numerous other foods.
- The global food colours market was worth an estimated \$1.45 billion in 2009, relays an August 2010 market report, "The Global Market for Food Colours," by Leatherhead Food Research. World usage of food colours is currently about 40,000-50,000 tons. From 2005-2009, the global market for natural colours increased almost 35% in value, with much future growth expected to come from natural colours and colouring foodstuffs. Foods account for some 67% of the food colouring global market, followed by soft drinks (28%) and alcoholic beverages (5%).

Instant Tea

- Instant tea is a form of tea that is derived from brewed tea. Its dried granulated form can be made into a beverage with the addition of cold or hot water. Instant tea is typically lower in antioxidants than traditional tea and comes in a variety of flavors. Instant tea may be formulated for use in making either hot or iced tea. It quickly dissolves in water. The basic process for manufacture of instant tea as a soluble powder from dry tea leaf includes extraction, concentration and drying.
- Instant tea comes in many flavors. Popular instant tea flavors include lemon, cinnamon, fruit juice and other flavorings. Green, black, chai, white and herbal teas are all available in instant form. There are four main types of tea which are, white, green, oolong, and black, all which are born from the same species of plant.
- India is both the world's largest producer of tea and the world's thirstiest consumer. Although India produces almost 30% of the world's tea it exports less than 20% of the world's supply. The industry has also been a major foreign exchange earner besides providing billions of hot cups of invigorating drink to the people of India.

Toffee, Candy & Milk Chocolate

- Chocolate is a key ingredient in many foods such as milk shakes, candy bars, cookies and cereals. Chocolate, candy and gum are some of people's best-loved treats. These sweets have been enjoyed around the world for thousands of years. Early man developed a taste for sweets by digging honey from beehives. The confectionery category includes products such as chocolate, gum, sugar confectionery, gummies/jellies, hard candy, toffee and fudge. The main reasons for purchasing are convenience, passive health, age, choice and pleasure.
- The chocolates market is estimated at around 33,000 tonnes valued at approximately Rs 8.0 bn. The counter market is estimated at about nearly Rs 2.5 to 3.5 bn and the rest is made up of chocolate bars. The demand for chocolates in India has been on the upswing in keeping with the economic boom leading to a rise in consumer spending.

Plastic Granules from Plastic Waste

- Plastic is a very common material that is now widely used by everybody in this world. Plastic is used in many ways as it is light weight and compact. Plastic can be recycled and new products can be formed from waste plastic. Though all types of plastic cannot be recycled a considerable portion can be recycled so that the environment is protected. Plastic recycling involves the process of recovering scrap plastics and these waste plastics are then reprocessed to form new materials that may be different from their original state. Plastics are divided into two distinct groups: thermoplastics and thermosets.
- The demand estimates for all polymers including engineering polymers was envisaged to increase from 7.5 mn tonne in 2006-07 and to 9.5 mn tonne in 2009-10. It was projected at close to 14 mn tonnes in 2014-15. India is one of the fastest growing polymer market in the world, and is expected to become the world's third largest polymers market, with a consumption of 12.5 mn tonne, after the US and China, by 2010.

Refining of Crude Soyabean and Palm Oil

- Soybean oil is very popular with rich value of Omega 3 and Omega 6. Those fatty acids regulate lipid and cholesterol metabolism and prevent narrowing in artery veins. In addition its high content of vitamin B makes digestion easier and by this feature it prevents chronicle digestion problem and constipation. Soybean seed contains about 19% oil. To extract soybean oil from seed, the soybeans are cracked, adjusted for moisture content, rolled into flakes and solvent-extracted with commercial hexane. The oil is then refined, blended for different applications, and sometimes hydrogenated.
- Palm oil is an edible vegetable oil derived from the mesocarp (reddish pulp) of the fruit of the oil palms, primarily the African oil palm *Elaeisguineensis*, and to a lesser extent from the American oil palm *Elaeioleifera* and the maripa palm *Attaleamaripa*. Palm oils consist mainly of glycerides and, like other oils in their crude form may consist of small and variable portions of non-glyceride components as well.

Rice Mill, Rice Bran Oil with Captive Power Plant (Integrated Unit)

- Paddy is the most important and extensively grown food crop in the World. Rice grain (*Oryza sativa*) along with hulls/husk is known as paddy. Paddy seed contains a rough, hard and woody outer covering, called husk which make paddy as such inedible. It is the staple food of more than 60 percent of the world population. The rice which is obtained after milling is called raw rice. Nearly 60% of the total rice produced in India is subjected to parboiling. Parboiling is a hydrothermal treatment of paddy followed by drying before milling for the production of milled parboiled rice.
- According to the solvent Extractor's Association of India, the total production of oil from indigenous sources amounted to 76.2 lakhs tonnes in oil year 2003-2004 and in the current oil year this is expected to rise to around 80.6 lakhs tonnes. The government estimated that the total shortfall in supply was of the order of about 6 lakhs to 7 lakhs tonnes. However, it imported about 11 lakhs tonnes last year, which is expected to go up to about 15 lakhs tonnes in the current year.

ABS Granules

- **ABS granules stands for Acrylo Nitrile Butadyne Styrene granules. Their chemical composition render them the physical properties like hardness, rigidity and the tendency to remain tough even at low temperatures. These ABS Granules consist of particles of a rubber like toughener suspended in a continuous phase of styrene acrylo nitrile (SAN) copolymer. Generally, most of the naturally occurring ABS Granules are translucent to opaque and they can be pigmented to almost any color. The various grades of granules are meant for injection molding, extrusion, blow molding, foam molding and thermoforming.**
- **ABS demand is dominated by appliance applications, which accounted for over 32% of overall ABS volumes in 2011. However, automotive and consumer goods are fast growing applications of ABS and are expected to gain a substantial market share over the next six years.**
- **Demand for ABS in the domestic as well as global markets is increasing with massive growth opportunities in the major user segments.**

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Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

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- ⦿ Government Undertakings
- ⦿ Individual Entrepreneurs
- ⦿ NRI's
- ⦿ Foreign Investors
- ⦿ Non-profit Organizations, NBFC's
- ⦿ Educational Institutions
- ⦿ Embassies & Consulates
- ⦿ Consultancies
- ⦿ Industry / trade associations

Sectors We Cover

- ⦿ Ayurvedic And Herbal Medicines, Herbal Cosmetics
- ⦿ Alcoholic And Non Alcoholic Beverages, Drinks
- ⦿ Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- ⦿ Activated Carbon & Activated Charcoal
- ⦿ Aluminium And Aluminium Extrusion Profiles & Sections,
- ⦿ Bio-fertilizers And Biotechnology
- ⦿ Breakfast Snacks And Cereal Food
- ⦿ Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling

Sectors We Cover *Cont...*

- ◎ Bamboo And Cane Based Projects
- ◎ Building Materials And Construction Projects
- ◎ Biodegradable & Bioplastic Based Projects
- ◎ Chemicals (Organic And Inorganic)
- ◎ Confectionery, Bakery/Baking And Other Food
- ◎ Cereal Processing
- ◎ Coconut And Coconut Based Products
- ◎ Cold Storage For Fruits & Vegetables
- ◎ Coal & Coal Byproduct

Sectors We Cover *Cont...*

- ◎ Copper & Copper Based Projects
- ◎ Dairy/Milk Processing
- ◎ Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- ◎ Electrical, Electronic And Computer based Projects
- ◎ Essential Oils, Oils & Fats And Allied
- ◎ Engineering Goods
- ◎ Fibre Glass & Float Glass
- ◎ Fast Moving Consumer Goods
- ◎ Food, Bakery, Agro Processing

Sectors We Cover *Cont...*

- ① Fruits & Vegetables Processing
- ① Ferro Alloys Based Projects
- ① Fertilizers & Biofertilizers
- ① Ginger & Ginger Based Projects
- ① Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- ① Hotel & Hospitability Projects
- ① Hospital Based Projects
- ① Herbal Based Projects
- ① Inks, Stationery And Export Industries

Sectors We Cover *Cont...*

- ⦿ Infrastructure Projects
- ⦿ Jute & Jute Based Products
- ⦿ Leather And Leather Based Projects
- ⦿ Leisure & Entertainment Based Projects
- ⦿ Livestock Farming Of Birds & Animals
- ⦿ Minerals And Minerals
- ⦿ Maize Processing(Wet Milling) & Maize Based Projects
- ⦿ Medical Plastics, Disposables Plastic Syringe, Blood Bags
- ⦿ Organic Farming, Neem Products Etc.

Sectors We Cover *Cont...*

- Paints, Pigments, Varnish & Lacquer
- Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- Perfumes, Cosmetics And Flavours
- Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- Plantations, Farming And Cultivations
- Plastic Film, Plastic Waste And Plastic Compounds
- Plastic, PVC, PET, HDPE, LDPE Etc.

Sectors We Cover *Cont...*

- ◎ Potato And Potato Based Projects
- ◎ Printing And Packaging
- ◎ Real Estate, Leisure And Hospitality
- ◎ Rubber And Rubber Products
- ◎ Soaps And Detergents
- ◎ Stationary Products
- ◎ Spices And Snacks Food
- ◎ Steel & Steel Products
- ◎ Textile Auxiliary And Chemicals

Sectors We Cover *Cont...*

- ◎ Township & Residential Complex
- ◎ Textiles And Readymade Garments
- ◎ Waste Management & Recycling
- ◎ Wood & Wood Products
- ◎ Water Industry (Packaged Drinking Water & Mineral Water)
- ◎ Wire & Cable

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