

Lucrative Project Investment Opportunities

(NPCS Newsletter – Issue 052016)



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Projects Covered In This Issue

- PVC Flex Banner (Frontlit, Backlit & Vinyl)
- Tannin Based Wood Adhesive
- Citric Acid
- Zarda
- Sanitary Napkins
- LED Light Assembling
- IV Fluid and Dialysis Solution
- Enzyme
- (Alkaline Protease, Amylase, Cellulase, Laccase)
- Curry Powder
- Cyanoacetic Acid
- Export House

Projects Covered In This Issue

- Naphthalene Balls
- Solid Waste Management
- Biomedical Waste Recycling
- Plastic Waste Recycling Plant
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- Freeze Dried Vegetables
- Bread Plant (Semi-Automatic)
- PVC Membrane for Waterproofing
- High Tensile Fasteners

Detailed Project Report On

PVC Flex Banner

(Frontlit, Backlit & Vinyl)

- PVC flex is made out of PVC and fabric raw material, specially designed for solvent printing industry. It is suitable for indoor and outdoor printing used in billboard, display, banners and exhibition booth decoration.
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- PVC Flex is best to all Digital printer specially designed for Indian market. Due to stable chemical character and excellent ink absorbency, PVC Flex will bring wonderful digital printing images for large format picture advertisements. In virtue of the high classic quality and best sales service, nowadays PVC Flex is playing an important role in signage & Banner Advertising industry.
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- Flex is a sheet of polythene widely used to deliver high quality digital print for outdoor hoardings and banner, mainly printed by large color plotters in CMYK mode. These prints are efficient, Low-cost and durable substitutes of hand painted hoarding and hand written banner.

Detailed Project Report On Tannin Based Wood Adhesive

- Tannin is an excellent renewable resource for replacing petroleum-derived phenolic compounds. The major wood species from which it can be obtained are mimosa, quebracho and radiata pine. It is mainly concentrated in the inner layer of the bark and has been utilized in the adhesives industry in Africa, South America and Oceania. In particular, tannin-based wood adhesives have been used industrially for quite a long time in several countries for the manufacture of exterior wood panels. There are two different types of tannin: wattle tannin composed of resorcinol A-rings and pine tannin composed of phloroglucinol A-rings with catechol or pyrogallol B-rings. The free C6 or C8 sites on the A-ring react with formaldehyde, due to their strong nucleophilicity, to form the adhesive.

Detailed Project Report On ZARDA

- Zarda is a mixture of tobacco, lime, spices, and occasionally, silver flakes is also added to pan and chewed. The tobacco industry is one of the most profitable industries in the world. Tobacco companies use their enormous wealth and influence both locally and globally to market their deadly products. Even as advocacy groups and policy makers work to combat the tobacco industry's influence, new and manipulative tactics are used by tobacco companies and their allies to circumvent tobacco control efforts. It is important for tobacco control advocates to know which companies are present in their country, how and where they operate, the types and quantity of products sold, and marketing tactics used to sell tobacco products. By being informed about all aspects of the tobacco industry within a country, advocates are better equipped to fight for effective tobacco control policies.

Detailed Project Report On Citric Acid

- Citric acid is described as “nature's acidulant”, occurring in a wide variety of plants, citrus fruits, animal tissues, micro-organisms and fluids, holding an important role in metabolism. Citric acid is in great demand as acidifying agent with great solubility nature that hardly could be substituted. It is widely used to impart tartness, pH adjustment, sourness, and also for enhancing flavors. Citric acid is widely used in food and beverage industry. Apart from this it also used in pharmaceutical products, personal care, cleaners & detergent and others. Moreover, citric acid is used for food safety and preservation, preparation of ready-to-made processed beverages and food products. In pharmaceutical industry citric acid is used as stabilizing & flavoring agent and in medical products such as soluble aspirin, antacid and also in dentifrices. Also, it is used in shampoos and conditioners, toiletries and detergents considering the personal care market.

Detailed Project Report On Sanitary Napkins

- A sanitary napkin or a sanitary towel is an absorbent item used by a woman while she is menstruating or in any other situation where it is necessary to absorb a flow of blood. It also serves to protect clothing and furnishings. Not only must the sanitary napkin provide comfort and safety, but also enhance every woman's health and lifestyle. Thus, due to demand it is a good project for entrepreneurs to invest.
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- Sanitary Napkins are exclusively used by adult girls & Ladies around the world during for maintaining physical aid & to avoid wetting or staining of the clothes.

Detailed Project Report On LED Light Assembling

- A light emitting diode (LED) is a device which converts electrical energy in to light. LEDs are preferred light sources for short distance (local area) optical fiber network because they are inexpensive, robust and have long life (the long life of an LED is primarily due to its being a cold device, i.e. its operating temperature being much lower than that of, say, an incandescent lamp), can be modulated (i.e. switched on and off) at high speeds.
- A light-emitting diode (LED) is a two-lead semiconductor light source. It is a p–n junction diode, which emits light when activated. When a suitable voltage is applied to the leads, electrons are able to recombine with electron holes within the device, releasing energy in the form of photons. This effect is called electroluminescence, and the color of the light (corresponding to the energy of the photon) is determined by the energy band gap of the semiconductor.

Detailed Project Report On ENZYME

(Alkaline Protease ,Amylase ,Cellulase, Laccase)

- Enzymes are macromolecular biological catalysts. Enzymes accelerate, or catalyze, chemical reactions. The molecules at the beginning of the process are called substrates and the enzyme converts these into different molecules, called products. Almost all metabolic processes in the cell need enzymes in order to occur at rates fast enough to sustain life. The set of enzymes made in a cell determines which metabolic pathways occur in that cell. Enzymes are known to catalyze more than 5,000 biochemical reaction types. Most enzymes are proteins, although a few are catalytic RNA molecules. Enzymes' specificity comes from their unique three-dimensional structures.

Detailed Project Report On IV Fluid and Dialysis Solution

Intravenous therapy IV therapy is the infusion of liquid substances directly into a vein. Intravenous simply means "within vein". Therapies administered intravenously are often called specialty pharmaceuticals.

Compared with other routes of administration, the intravenous route is the fastest way to deliver fluids and medications throughout the body. The bioavailability of the medication is 100% in IV therapy.

Detailed Project Report On Cyanoacetic Acid

- Cyanoacetic acid is an organic compound. It is a white, hygroscopic solid. The compound contains two functional groups, a nitrile and a carboxylic acid. It is a precursor to cyanoacrylates, components of adhesives.
- The largest scale reaction is its esterification to give ethyl cyanoacrylate. Cyanoacetic acid is a versatile intermediate in the preparation of chemicals. it is a precursor to synthetic caffeine via the intermediacy of theophylline. It is a building block for many drugs, including dextromethorphan, amiloride, sulfadimethoxine, and allopurinol.

Detailed Project Report On Curry Powder

- Curry powder is a blend of many spices, and comes in almost infinite varieties. Each curry powder can have different component spices, in differing amounts—making each curry blend unique. Curry Powder is one of a number of mixtures of spices used in Indian cooking and (unsurprisingly) is specifically used for curry dishes. Others spice mixtures are Garam Masala, Rasam powder and Sambar powder. These all have their own uses and, although they may look similar, they should not be confused with each other.
- Curry powder is made up of numerous ingredients, and depending on the region of the world, they can change slightly, which can also alter the specific health benefits that may be derived from the powder.

Detailed Project Report On Export House

- Export means taking goods out of India to a place outside India.” Export trade in India is regulated by the Directorate General of Foreign Trade (DGFT) and its regional offices, functioning under the Ministry of Commerce and Industry, Department of Commerce. Policies and procedures required to be followed for exports from India are announced by the DGFT, from time to time.
- Export is one of the lucrative business activities in India. The government also provides various promotional schemes to the exporters for earning valuable foreign exchange for the country and for meeting their requirements for importing modern technology and essential inputs.

Detailed Project Report On Naphthalene Balls

- Naphthalene is the single most abundant component of coal tar. Although the composition of coal tar varies with the coal from which it is produced, typically coal tar is about 10% naphthalene by weight. Naphthalene balls or moth balls are widely used as an effective household preservative of woollen clothes and as a deodorant tablet for improving the cleanliness of toilets. Naphthalene balls work as toilet air fresheners, to control odors from toilets; as well as protects and preserves woollen clothes without any damage from moths or moth larvae.
- Naphthalene $C_{10}H_8$, sometimes called 'TARCAMPHOR' is a colourless crystalline flaked solid with the familiar odour of moth balls. Naphthalene $C_{10}H_8$ is an aromatic hydrocarbon with two condensed ring aromatic compounds.

Detailed Project Report On Solid Waste Management

- Due to rapid increase in the production and consumption processes, societies generate as well as reject solid materials regularly from various sectors – agricultural, commercial, domestic, industrial and institutional. The considerable volume of wastes thus generated and rejected is called solid wastes. In other words, solid wastes are the wastes arising from human and animal activities that are normally solid and are discarded as useless or unwanted. This inevitably places an enormous strain on natural resources and seriously undermines efficient and sustainable development. One of the ways to salvage the situation is through efficient management of solid wastes.

Detailed Project Report On Biomedical Waste Recycling

- **Biomedical waste** is waste that is either putrescible or potentially infectious. Biomedical waste may also include waste associated with the generation of biomedical waste that visually appears to be of medical or laboratory origin (e.g., packaging, unused bandages, infusion kits, etc.), as well research laboratory waste containing biomolecules or organisms that are restricted from environmental release.
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- Biomedical waste may be solid or liquid. Examples of infectious waste include discarded blood, sharps, unwanted microbiological cultures and stocks, identifiable body parts, other human or animal tissue, used bandages and dressings, discarded gloves, other medical supplies that may have been in contact with blood and body fluids, and laboratory waste that exhibits the characteristics described above. Waste sharps include potentially contaminated used (and unused discarded) needles, scalpels, lancets and other devices capable of penetrating skin.

Detailed Project Report On Plastic Waste Recycling Plant

- Waste is now a global problem, and one that must be addressed in order to solve the world's resource and energy challenges. Plastics are made from limited resources such as petroleum, and huge advances are being made in the development of technologies to recycle plastic waste among other resources. Mechanical recycling methods to make plastic products and feedstock recycling methods that use plastic as a raw material in the chemical industry have been widely adopted, and awareness has also grown recently of the importance of Thermal recycling as a means of using plastics as an energy source to conserve petroleum resources.

Detailed Project Report On Bricks from Fly Ash

- Fly Ash is a burnt residue of pulverized coal (bituminous or sub-bituminous) and is siliceous in nature. In past few decades, R&D efforts were undertaken and it has been proved that this material can be utilized in number of ways in building construction products as well as in civil works with adequate durability. Major areas of fly ash utilization are Building materials such as Bricks, Blocks, Tiles, etc. Also used in Grouting, Engineered fills for low-lying land spaces for human settlement, use in Road Construction and Construction of ash dykes and embankments.

Detailed Project Report On Benzoic Acid

- Benzoic acid $C_7H_6O_2$ (or C_6H_5COOH), is a colorless crystalline solid and a simple aromatic carboxylic acid. Today, benzoic acid is produced by oxidation of toluene with air, which has displaced dichromate and nitric acid oxidation processes.
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- Benzoic acid and its derivatives are widely distributed in nature. Gum benzoin contains from 12–18% benzoic acid in free and esterified forms. Other natural products containing benzoic acid are the bark, foliage, fruits, and seeds of various plants, including cherries and prunes. Hippuric acid, found in the urine of herbivores, is a glycine derivative of benzoic acid.

Detailed Project Report On Bio-Degradable Plastic Polymer from Corn

- Polymer, that are cheaper and lighter than many materials, are being favored for industrial and commercial applications. Plastics are necessary in daily life experience, using them in household appliances, cars, packages ex. One of three of plastic raw materials being used by package sector. The main environmental problem of conventional plastics are, degrading in nature for centuries and produced by nonrenewal natural sources like petroleum, coal and natural gas. Today, being recycling and environmentally friendly facilities come into prominence for plastics.
- Biodegradable polymers based on renewable feedstock have started to replace conventional polymers produced from fossil fuel. Plastics, that are cheaper and lighter than many materials, are being favored for industrial and commercial applications. Plastics are necessary in daily life experience. We are using them in household appliances, cars, packages etc.

Detailed Project Report On Freeze Dried Vegetables

- Most foods contain very high percentage of water. Microorganisms thrive when there is water, spoiling the food and altering its taste. Removing water keeps food from spoiling for long periods of time. Also removing water makes the food lighter, making it easy to package and transport. Yet, removing water, must not alter the composition of the food. Its basic structure and composition of its nutrients must remain intact.
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- Freeze-drying, technically known as Lyophilization, is a process of sublimation where water molecules in a solid phase are directly converted to vapor phase. Since Lyophilization is the most complex and expensive form of dehydration, its use is usually restricted to delicate and heat-sensitive high value materials.

Detailed Project Report On Bread Plant (Semi-Automatic)

- Bread is a staple foodstuff, which is made and eaten in most countries around the world. Bread products have evolved to take many forms, each based on quite different and distinctive characteristics. Over the centuries craft bakers have developed our traditional bread varieties using their accumulated knowledge as to how to make best use of their available raw materials to achieve the desired bread quality. In some countries the nature of bread making has retained its traditional form while in others it has changed dramatically. The proliferation of bread varieties derives from the unique properties of wheat proteins to form gluten and from the bakers' ingenuity in manipulating the gluten structures formed within the dough. The rubbery mass of gluten with its ability to deform, stretch, recover shape and trap gases is very important in the production of bread and all fermented products. Of all the cereals, wheat is almost unique in this respect.

Detailed Project Report On PVC Membrane for Waterproofing

- The sheet of polyvinyl chloride is used as waterproof barrier in construction for all types of roofs, terraces, walls also in civil engineering in vertical, tunnels or small hydraulic works and water tanks lining (metallic or concrete), ornamental lakes, ponds, pools, golf courses etc.
- PVC sheets are manufactured with or without UV protection according to the intended application, if the application requires that the film is exposed to the sun apply UV resistant) if instead the sheet will be covered with another material so that is not exposed to sunlight
- PVC membrane is a cost-effective alternative to traditional roofing systems and can be produced in a multitude of colors to coordinate with individual building project needs.

Detailed Project Report On High Tensile Fasteners

- Industrial fasteners have a vital contribution for the growth of almost all sectors of industry. It is a wonderful manifestation which joins & secures materials together for any productive uses. A fastener is a connective mechanism that mechanically joins or affixes two or more objects together. A bolt is an externally threaded fastener designed for insertion through holes in assembled parts, and is normally intended to be tightened or released by torquing a nut. A nut is a type of hardware fastener with a threaded hole. Nuts are almost always used opposite a mating bolt to fasten a stack of parts together. The two partners are kept together by a combination of the friction of their threads, a slight stretch of the bolt, and compression of the parts. High tensile nuts and bolts find wide application in joining part where continuous rotation and wear and tear of the nuts and bolts occurs.

Detailed Project Report On Aerosol Cans

- The aluminium aerosol can has been one of the most popular packaging materials for cosmetics, pharmaceutical and household items for decades. In addition to its ability for recycling in 100%, this modern packaging material meets all relevant European Standards. The indisputable advantage of the aluminium aerosol can is that it is light and strong at the same time; it excludes the possibility of corrosion and its packaging provides hermetical protection for the completed products. Besides its unique technical properties, the aluminium aerosol can ensures varied range of lithographical printings as well as special shaping options for achieving best ornamental performance of the completed product.

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- Project Identification
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- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
- Entrepreneur India (An Industrial Monthly Journal)

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- We have two decades long experience in project consultancy and market research field
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- We help catalyze business growth by providing distinctive and profound market analysis
- We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors
- We use authentic & reliable sources to ensure business precision

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

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- 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...*

- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitality Projects
- Hospital Based Projects
- Herbal Based Projects
- 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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