

What Business to Start?



Business
Plan

21 Best Production or

Manufacturing Business in India.

Business Plans & Investment Opportunity for Entrepreneurs

(NPCS Newsletter - Issue 092018)



Today, tens of thousands of people are considering starting a business, and for good reasons. Throughout the world, small and medium scale manufacturing is considered as a profitable business for startup entrepreneurs. Some of the most lucrative industries are light engineering, paper, food processing, rubber, leather, chemical, and agrochemical industry. Apart from these household products, some construction-related products are also in high demand. Small and medium scale industries play the significant role in the GDP.

Small and medium sized enterprises play a central role in the Indian economy. They are a major source of entrepreneurial skills, innovation and employment. SME businesses are the biggest contributor to the economy of any country and the same goes with Indian economy. In fact, SME is one of the most crucial sectors of Indian economy as far as the number of employments generated from this segment. As more than 65% of Indian population lives in rural and semi-rural areas, small business becomes a major source of income for many residing in these areas. After agriculture, small business in India is the second largest employer of human resources.

Manufacturing Business ideas that you can initiate as micro, small, and medium scale basis.



Projects Covered in this Issue

- **Palm Oil**
- **Virgin Coconut Oil**
- **Industrial Gases and Speciality Gases Mixture**
- **Biodegradable Plastic Products (Bags, Plates & Glasses)**
- **LPG Cylinder Refilling Plant**
- **Curcumin**
- **High Tensile Nuts & Bolts (For Automobile Industry)**
- **Super Speciality Hospital**
- **Dehydrated Onion**
- **Thinners and Solvent Thinners (Blending and Bottling)**

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- **M S Billets**
- **Ferro Molybdenum**
- **Solar Power Plant**
- **Solar Panel**
- **Ferro Vanadium**
- **Cold Storage**
- **Red Oxide Primer from Mill Scale**
- **Hydrazine Hydrate**
- **Jute Shopping Bags**
- **PVC Conduit Pipes**
- **Craft Beer**

Detailed Project Report On Palm Oil

Palm oil is a fatty edible vegetable oil, yellowish in color, derived from the flesh and the kernel of the fruit of the oil palm tree. The oil palm tree is a tropical, single stemmed tree having feather like leaves that gains a height of around 20 meters. Palm oil is used in the manufacturing of soaps, ointments, cosmetics, detergents, and lubricants and also as cooking oil. Commercially palm oil is used in various forms such as crude palm oil, crude palmolen, refined bleached deodorized (RBD) palm oil, and RBD palmolen and palm kernel oil. The palm oil is produced by extraction from the reddish to orange pulps of the oval shaped fruits which grow on stalks in fresh fruit bunches (FFB) on the oil palms. India imported 487,147 tonnes of palm oil. [Read more](#)

Detailed Project Report On Virgin Coconut Oil

Virgin coconut oil (VCO) is the oil obtained from the fresh and mature kernel of coconut by mechanical or natural means, with or without the use of heat, without undergoing chemical refining, bleaching or deodorizing, and which does not lead to the alteration of the nature of the oil. VCO is considered a saturated fat (fat similar to animal sources), however, it has a unique composition of high percentage of medium chain triglycerides (MCTs). MCTs, unlike long chain triglycerides, are easily converted into energy by the liver and have been proven to increase the metabolic rate of an individual.

The annual coconut production in India is around 2,044 crore from 19.8 lakh hectare area. In India, Kerala is the largest producer with the contribution of around 40% of country's total coconut production. [Read more](#)

Detailed Project Report On Industrial Gases and Speciality Gases Mixture

Industrial gas is a group of materials that are specifically manufactured for use in industry and are also gaseous at ambient temperature and pressure. They are chemicals which can be an elemental gas or a chemical compound that is either organic or inorganic, and tend to be low molecular weight molecules. The known chemical elements which are, or can be obtained from natural resources and which are gaseous are hydrogen, nitrogen, oxygen, fluorine, chlorine, plus the noble gases; and are collectively referred to by chemists as the "elemental gases".

Global industrial gases market is forecast to grow from \$ 75.51 billion in 2016 to \$ 106.26 billion by 2022, exhibiting a CAGR of around 6%, in value terms, during 2017-2022, on account of rising demand from chemical & petrochemical, metal fabrication & production, [Read more](#)

Detailed Project Report On
Biodegradable Plastic Products
(Bags, Plates & Glasses)

Biodegradable plastics are mainly derived from corn, wheat and potato starch. Biodegradable plastics products are thermoplastic materials which are processed with the same machines traditionally used to process conventional plastics. Biodegradable plastic products physical and chemical properties are similar to those of traditional plastics, but it is completely biodegradable in different environments, just like pure cellulose.

Indian economy is one of the fastest growing economies of the world and a founding member of SAARC and G4 nations. Some of the largest cities in India are Mumbai, Delhi, Bangalore, Hyderabad, Chennai, Jaipur, Ahmedabad, and Kolkata. The country has low per capita income of USD 1165 and USD 5238 in PPP terms. [Read more](#)

Detailed Project Report On LPG Cylinder Refilling Plant

LPG cylinder filling plants vary considerably in size, complexity and layout. The type and size depends on such factors as maximum potential throughput requirements, size and type of cylinder filled and the number/grades of products handled. Liquefied Petroleum Gas is a Propane/Butane mixture liquefied under normal ambient temperature and moderate pressures. It is a safe, clean burning, reliable, high calorific value fuel. In addition to its use as a domestic fuel, it is also widely used in industries, where there is a requirement of low sulphur content fuel and fine temperature controls. Demand for LPG will reach a minimum of 5.9 million metric tons by the year 2022. Almost 90% of LPG is being consumed by the household sector marketed in packed cylinders and its price is heavily subsidized by the government on supplies made by the public sector oil companies. [Read more](#)

Detailed Project Report On Curcumin

Curcumin is the main biologically active phytochemical compound of Turmeric. Molecular chemical formula of Curcumin: C₂₁H₂₀O₆. The most important constituents in organic turmeric are Curcuminoids, which is approximately 6%, and the yellow coloring principles of which Curcumin constitutes 50-60%. Curcumin is extracted from the dried root of the rhizome Curcuma Longa. The process of extraction requires the raw material to be ground into powder, and washed with a suitable solvent that selectively extracts coloring matter. Curcumin has antioxidant, anti-inflammatory, antiviral and antifungal actions. Studies have shown that curcumin is not toxic to humans. Curcumin production is mainly concentrated in India exceeding 78% of the global output. [Read more](#)

Detailed Project Report On
High Tensile Nuts & Bolts
(For Automobile Industry)

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. Nuts and Bolts are most commonly used items in the family of industrial fasteners and their demand is fast increasing due to expansion of industries in the country. Bolt is a piece of metal rod whose one end is upset and at the other end threading is done. Nut is device, which rolls on these threads. [Read more](#)

Detailed Project Report On Super Speciality Hospital

This pre-feasibility report on Speciality/ Multi-speciality hospital consists of the feasibility detailing for three models of hospitals namely 30 bedded Super speciality hospital. The Indian healthcare industry is divided into two segments - services and manufacturing. While the manufacturing segment consists of medical equipment manufacturing industry and pharma production, the services segment is basically split into direct services and indirect services. Hospitals, health insurance services and R&D services are considered as direct services, while third party insurance, claims settlement services and others, constitute the indirect services. [Read more](#)

Detailed Project Report On Dehydrated Onion

Dehydration process appears to be a variation on the air-drying process and is based on the principle of vapor pressure differentials, using air circulated around the onions at relatively low temperatures to 'sweat' the water from the food. Onion dehydration involves the use of a continuous operation, belt conveyor using fairly low temperature hot air from 38 - 104°C. The main advantages of dehydrated onions are that they are easy to store, being lighter in weight and smaller in bulk than fresh or other processed onions.

Dehydrated onion products demand has sharply increased in India after prices of onion gained in domestic markets. According to dehydrated onion players, demand has almost doubled in past three months mainly for onion powder. [Read more](#)

Detailed Project Report On
Thinners and Solvent Thinners
(Blending and Bottling)

A thinner is a solvent used to thin oil-based paints or clean up after their use. Commercially, solvents labeled "Paint Thinner" are usually mineral spirit having a flash point at about 40°C (104°F). Solvent is a chemical, which liquefies in a chemically diverse solute to make a solution. Solvent can be in liquid form but is also available in gaseous and solid form. Used in Printing inks, paints, and coatings, pharmaceuticals, adhesives & cosmetics etc.

Moderate growth is estimated for India solvents market during the forecast period 2016 to 2024, according to a report by Persistence Market Research (PMR). In terms of volume, sales of solvents in India reached 2,019,743.5 tons in 2016; by 2024 this number is expected to reach nearly 3,000,000 tons, expanding at 4.7% CAGR. [Read more](#)

Detailed Project Report On M S Billets

Billets A semi-finished product obtained by forging, rolling or continuously casting, usually square (not exceeding 125 mm×125 mm in cross-section) with rounded corners or round (not exceeding 125 mm in diameter) and are intended for further processing into suitable finished product by forging or rerolling. Mild steel 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.

India is the ninth largest producer of crude steel in the world production of 33 million MT and investment of over Rs1, 000 billion. Global steel demand will reach 1,616.1 MT in 2018, an increase of 1.8% over 2017 figures. [Read more](#)

Detailed Project Report On Ferro Molybdenum

Ferromolybdenum alloys are principally produced commercially by thermite process by which ingots or buttons of the alloy can be produced. They impart special properties to steel. The alloys provide increased resistance to corrosion; improve hardness and tensile strength at high temperature, gives wear and abrasion resistance and increases creep strength, etc.

Steel consumption is expected to grow at an average rate of 6.8 per cent to reach 104 MT by 2017 and steel production in India expected to go up to 200 MTPA by 2020. By volume, the market for Ferro manganese is predicted to expand at a 4.5% CAGR from 2014 to 2020. The growing demand for molybdenum bearings in the steel and chemical sectors is alleviating its prices. [Read more](#)

Detailed Project Report On Solar Power Plant

Solar power is one of the most promising renewables. It is reliable and less vulnerable to changes in seasonal weather patterns. Hydrogen, in the capacity of energy vector, is expected to be the optimum solution for intermittency and storage of energy produced by renewables. The basic work of Solar Power plant is to generate electricity from Solar Panels. Solar Panels generate DC (Direct Current) electricity from sunlight, Solar Inverter convert this power to AC (Alternative Current) and run your electrical home appliances and machines.

The total installed capacity of solar power plants in India stands at 13.11 GW as of June 2017. The Indian government significantly expanded its solar plans, targeting US\$100 billion of investment and 100 GW of solar capacity by 2022. [Read more](#)

Detailed Project Report On Solar Panel

A solar panel is a collection of solar cells. Solar panel refers either to a photovoltaic module, a solar thermal energy panel, or to a set of solar photovoltaic (PV) modules electrically connected and mounted on a supporting structure. A PV module is a packaged, connected assembly of solar cells. Solar panels can be used as a component of a larger photovoltaic system to generate and supply electricity in commercial and residential applications. A single solar module can produce only a limited amount of power most installations contain multiple modules. A photovoltaic system typically includes a panel or an array of solar modules, an inverter, and sometimes a battery and/or solar tracker and interconnection wiring. India is poised for a big take off in the installation of solar energy. [Read more](#)

Detailed Project Report On Ferro Vanadium

Ferro vanadium is an alloy which is formed by combining iron and vanadium. Ferrovanadium contains 35% to 85% of vanadium depending on applications of the product in end-use industry. Ferro vanadium is an alloy material that is used in manufacturing of steel. Ferrovanadium (FeV) is an alloy formed by combining iron and vanadium with a vanadium content range of 35%-85%. The production of this alloy results in a grayish silver crystalline solid that can be crushed into a powder called "ferrovanadium dust."

The steel industry accounts for around 92% of vanadium consumption. Tool, high speed and high alloy steels contain around 20% vanadium, and high strength low alloy (HSLA) steel contains less than 0.5% vanadium. [Read more](#)

Detailed Project Report On Cold Storage

A cold storage is a temperature-controlled supply chain network, with storage and distribution activities carried out in a manner such that the temperature of a product is maintained in a specified range, needed to keep it fresh and edible for a much longer period than in normal ambient conditions. This system facilitates long distance transport of various products as well as makes seasonal products available over the entire year. Cold Storage is a special kind of room, the temperature of, which is kept very low with the help of machines and precision instruments. Chilling involves reducing food temperatures to below ambient temperatures, but above -1°C . Indian cold storage market is expected to grow at a CAGR of 16.09% by 2020 driven by the growth in the organized retail, Indian fast food market, and food processing industry. [Read more](#)

Detailed Project Report On
Red Oxide Primer
From Mill Scale

Red oxide primer is a specially formulated coating used as a base coat for ferrous metals. Red-oxide primer serves a similar purpose to interior wall primers in that it prepares metal for a topcoat, but it also gives iron and steel surfaces a layer of protection. A primer is composed of Red Oxide, solvents, resins, and various additives. The pigments give the primer color; solvents make it easier to apply; resins help it dry; and additives serve as everything from fillers to anti fungicidal agents.

The Indian paint market will grow with a CAGR of around 14% during 2015-16 to 2019-20. The Indian paint industry has been growing at an average 15% per annum over the last decade. [Read more](#)

Detailed Project Report On Hydrazine Hydrate

Hydrazine N_2H_4 , a colorless liquid having an ammoniacal odor, is the simplest diamine and unique in its class because of the NAN bond. Hydrazine is produced commercially primarily as aqueous solutions, typically 35, 51.2, 54.4, and 64 wt% N_2H_4 (54.7, 80, 85, and 100% hydrazine hydrate). Anhydrous hydrazine is produced for rocket propellant and limited commercial applications.

The 60%-85% segment is projected to be the fastest-growing concentration level segment of the market between 2017 and 2022. The 60%-85% concentration level hydrazine hydrate is used as a propellant in emergency power units (EPU) on the F16 and other single engine aircraft. Hydrazine Hydrate Market is anticipated to reach USD 531.23 Million by 2023. [Read more](#)

Detailed Project Report On Jute Shopping Bags

Jute fabrics are strong, durable, light, color fast, attractive and cheaper than most fabrics made from other fibers. There is very simple sewing machine and cutting machine required for making jute bags. There is very good demand of jute bags. Demand of jute bag is meet up by our own growth. Jute bags has very good export potentiality. Raw materials required for making jute bags are cotton threads and jute fiber cloth. It can be packed in the plain box and transport it.

The global jute bag market reached a value of US\$ 1.4 Billion in 2016, exhibiting a CAGR of around 11% during 2009-2016. The market is projected to reach a value of US\$ 2.6 Billion by 2022. . Indian jute carry and shopping bags exporters are shipping over millions of bags every year & trends show that the numbers are likely to keep rising rapidly.

[Read more](#)

Detailed Project Report On PVC Conduit Pipes

PVC material is difficult to ignite and self-extinguishing (when flame removed) property/characteristic make it important thermoplastic. PVC Conduit pipes are produced by extrusion process followed by calibration to ensure maintenance of accurate internal dia with smooth internal boxes. These pipes generally come in lengths of 6 meters. A wide range of injection molded fittings, including tees, elbows, reducers, caps, pipes saddles, inserts and threaded adaptors for pipe sizes 15-150 mm are available.

The India PVC pipes and fittings market will grow at a double digit CAGR over the period FY'2014-FY'2019 and is projected to reach INR 391 billion by FY' 2019. [Read more](#)

Detailed Project Report On Craft Beer

A microbrewery or craft brewery is a brewery that produces small amounts of beer (or sometimes root beer). The main raw material are Malt, yeast, water. Some additives for yeast growth eg ammonium phosphate, ammonium sulphate, potassium meta sulphate for preservation of beer. For craft beer some vegetable and fruit extract are added to enhance the flavor.

India's alcoholic drinks market, we expect to see strong growth in beer consumption over our forecast period. In volume terms, beer sales will rise at CAGR of 7.5 per cent between 2017 and 2021." The craft beer market in India is pegged at Rs. 280 crore and may grow to Rs. 4,400 crore by 2020. Thus, due to demand it is best to invest in this project.

[Read more](#)

Tags

Palm Oil, Virgin Coconut Oil, Industrial Gases and Speciality Gases Mixture, Biodegradable Plastic Products (Bags, Plates & Glasses), LPG Cylinder Refilling Plant, Curcumin, High Tensile Nuts & Bolts (For Automobile Industry), Super Speciality Hospital, Dehydrated Onion, Thinners and Solvent Thinners (Blending and Bottling), M S Billets, Ferro Molybdenum, Solar Power Plant, Solar Panel, Ferro Vanadium, Cold Storage, Red Oxide Primer from Mill Scale, Hydrazine Hydrate, Jute Shopping Bags, PVC Conduit Pipes, Craft Beer, Highly Profitable Business Ideas, Secret to Making Money by Starting Business, Small Business Ideas with Small Capital, Top Best Business Ideas for Beginners, How to Start Business in India, Top Business Ideas in India for Starting Your Own Business, Top Small and Medium Business Ideas in India, Small scale industries projects ideas, Project profile on small scale industries, Industrial Project Report, Project consultant, Project report for bank loan, Project report for bank finance, Project report format for bank loan in excel,

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Our Approach

Requirement collection



Thorough analysis of the project



Economic feasibility study of the Project



Market potential survey/research



Report Compilation

Who do we Serve?

- *Public-sector Companies*
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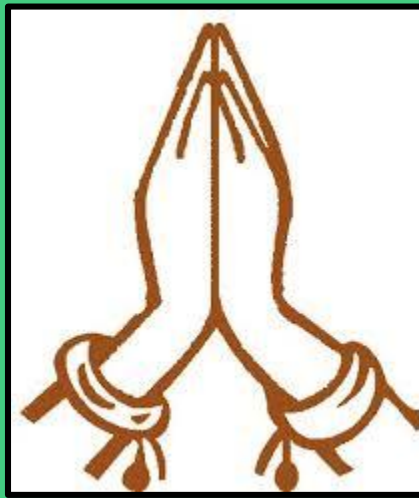
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