

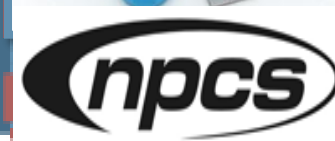
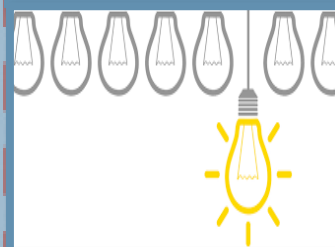
What are Good Business

Sectors to start?

20 Enterprise Ideas.

Best Industries for Starting a Business

(NPCS Newsletter - Issue 102018)



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

- **Tungsten Carbide Rod**
- **Plastic Battery Containers**
- **PET Bottle Recycling**
- **Toothbrush**
- **Optical Fiber Cable**
- **PVC Wires and Cables**
- **E-Rickshaw Assembling**
- **Grapes Packing for Exports with 100 MT Cold Storage**
- **Low Carbon Ferromanganese**
- **Gypsum Plaster Board**

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- **Nuts & Bolts (Hot Dip Galvanized)**
- **Exercise Note Book**
- **Ready Mix Concrete**
- **Red Oxide Primer from Mill Scale**
- **IV Fluids (BFS Technology)**
- **LPG Bottling Plant**
- **LPG Bottling Plant**
- **E-Waste & Lithium Battery Recycling Plant**
- **Disposable Plastic Syringes**
- **Activated Carbon from Bamboo**

Detailed Project Report On Tungsten Carbide Rod

Tungsten carbide (WC) is an inorganic chemical compound containing equal parts of tungsten and carbon atoms. In its most basic form, it is a fine gray powder, but it can be pressed and formed into shapes for use in industrial machinery, tools, abrasives, as well as. Tungsten carbide is approximately three times stiffer than steel, and is much denser than steel or titanium. Tungsten Carbide Hard Metals are primarily produced using a Powder Metallurgy process. Tungsten carbide rods, commonly used to make drill bits, PCB board micro-drill, mold thimble, die top etc.

The global tungsten carbide market, by value, is estimated to witness growth at a CAGR of 4.4% over the period 2016 to 2022. [Read more](#)

Detailed Project Report On Plastic Battery Containers

Battery containers made of molded plastic generally have internal partitions formed as integral parts of the bottom and side walls of the container and extending all the way to the top edge of the container to prevent the leakage of liquid between adjacent cells. These containers are usually formed as unitary structures in a single molding operation.

The container is the outer part of a lead acid battery which hold down all the components of a lead acid battery together. The container of a lead acid battery is to be resistant to sulfuric acid and should not deform or become porous or contain impurities which might deteriorate the electrolyte. The Indian lead-acid battery market is expected to witness a CAGR of 9.47% during the forecast period. [Read more](#)

Detailed Project Report On PET Bottle Recycling

Polyethylene terephthalate or PET (also known as PETE) is one of the most common types of plastic. Most single-serve plastic bottles, including those for water, soft drinks and juices, are made with PET. PET recycling is the process of reprocessing plastic that already has been used before and giving it some new reusable form. For instance, this could mean melting down soft drink bottles and then casting them as plastic chairs and tables.

Recycling of PET bottles has grown to become an Rs 3,500-crore industry and nearly 70 per cent of PET waste is reprocessed in the country. This positioned the market revenues at INR ~ million, which escalated in the successive year to INR ~ million, by growing at an annual growth rate of 29.9%. [Read more](#)

Detailed Project Report On Toothbrush

The toothbrush consists of a plastic handle and nylon bristles attached to the head of the brush. A toothbrush is a dental instrument used for cleaning teeth, ideally in conjunction with toothpaste or mouthwash. Toothbrushes are typically manufactured using an injection molding process. A toothbrush is a crucial tool to fight against dental diseases like gum problem and cavities.

The India toothbrush Market will grow at a considerable CAGR rate thus exceeding INR 26 billion by FY'2020 due to development of premium category products. Toothbrush manufacturing industry is expected to generate \$4.2 billion in 2018, up 5.4% from 2017. Over the five years to 2018, revenue has been growing at an average annual 8.6%. [Read more](#)

Detailed Project Report On Optical Fiber Cable

An optical fiber (or fiber) is a glass or plastic fiber that carries light along its length. Fiber optics is the overlap of applied science and engineering concerned with the design and application of optical fibers. Optical fibers are widely used in fiber-optic communications, which permits transmission over longer distances and at higher bandwidths (data rates) than other forms of communications. Cabling is the process of packaging optical fibers in a cable structure for handling and protection.

India optical fiber cables (OFC) market is projected to grow at a CAGR of 17% through 2023. Growth in the market is majorly expected to be backed by rising investments in OFC network infrastructure by the Indian government to increase internet penetration across the country. [Read more](#)

Detailed Project Report On PVC Wires and Cables

Cables are the source of carrying power and signal in power plants, refineries, process industries. PVC cables are extensively used for domestic home appliances wiring, house wiring and internal wiring for lighting circuits in factories, power supply for office automation, in control, instrumentation, submarine etc. PVC and polyethylene are the two main polymer types used for wire and cable insulation.

Revenues from the wires and cables industry in the India are expected to expand to INR ~ million in FY'2019 growing with a CAGR of 18.5% from FY'2014-FY'2019. The electric wire and cable market in India to grow at a CAGR of 16.18% over the period 2015-2019. The growing trend in the building construction and automobile sector is expected to keep demand high. Which facilitates the development of new technologies and ensure a high quality product. [Read more](#)

Detailed Project Report On E-Rickshaw Assembling

E-Rickshaws are three wheel battery operated vehicles, which are considered as an upgrade to conventional rickshaws, and economically better than auto rickshaws and other fuel variants, these rickshaws, since are battery powered have zero emission, and is often argued to be much better than other rickshaws as they are considered almost pollution free. Such vehicle is constructed or adapted to carry not more than four passengers, excluding the driver, and not more than forty kilograms luggage in total.

The Indian automobile industry is one of the largest growing markets of the world, and contributes highly in the country's manufacturing facilities. [Read more](#)

Detailed Project Report On
Grapes Packing for Exports
with 100 MT Cold Storage

A grape is a fruit, botanically a berry, of the deciduous woody vines of the flowering plant genus Vitis. Grapes can be eaten fresh as table grapes or they can be used for making wine, jam, juice, jelly, grape seed extract, raisins, vinegar, and grape seed oil. Table grapes are most often packaged in plastic punnets, such as clamshells. These punnets are then placed in a cardboard crate. The processes at the export packhouse include: receipt of raw material at packhouse; weighing and acceptance of produce; trimming, sorting and grading; weighing, packing and coding; pre-cooling; sulphur dioxide padding; palletization; storage (cold stores); container loading; and transportation. Grapes account for 2.7 percent of production and 1.4 percent of total fruit area in India. [Read more](#)

Detailed Project Report On Low Carbon Ferromanganese

Ferro Manganese in different grades is used in manufacturing of Welding Electrodes & also special types of stick electrodes. Low Carbon Ferro Manganese (LCFeMn) & Medium Carbon Ferro Manganese is mainly used for producing E6013 electrodes. Ferro manganese is used in producing steel for being an excellent deoxidizer and desulfurizer. Low carbon Ferro manganese is also high on affinity with sulphur in the steel and on combining produces Manganese Sulphide (MnS) which floats up to the metal surface. It is widely used in the manufacturing of tool steels, alloys steel & structural steels.

The ferro-alloys industry in India has a capacity of around 5.15 million tonnes and is accounted for nearly 10% of the world's ferroalloys production. [Read more](#)

Detailed Project Report On Gypsum Plaster Board

Gypsum Plaster Boards are constructional sheets composed of consigned Gypsum with about 15% fibre. Its outstanding contributes are fire resistance, dimensional stability, easy workability and low cost fibres are added to provide crack resistance and for fire resistance water repellent chemicals may be added to the board core. Gypsum plaster boards are selected for use according to their type, size, thickeners and edge profit. The Boards may be used for example to provided dry lining finishes to masonry walls, to ceilings etc.

The Indian market for Gypsum Plaster Board is expected to reach about 333.64 million m2 by 2021 from 221.75 million m2 in 2016, The Gypsum plasterboard global market size is estimated to grow from USD 18.07 Billion in 2016 to USD 23.85 Billion by 2021, at a CAGR of 5.7% between 2016 and 2021. [Read more](#)

Detailed Project Report On

Nuts & Bolts

(Hot Dip Galvanized)

Nuts and Bolts are available in various sizes and shapes. The kind of the classification of bolts and nuts may broadly be those made by the cold and hot process plant. Nuts and Bolts are used by the existing industries, repair workshops etc. Hot Dip Galvanizing is a process in which an adherent, protective coating of zinc and zinc compounds is developed on the surfaces of iron and steel products by immersing them in a bath of molten zinc. Hot Dip Galvanized Fasteners is extensively used to join heavy-duty components together.

India is expected to increase from 88.4 million tonnes (MT) in 2017 to 128.6 MT by 2021. The analysts forecast global industrial fasteners market to grow at a CAGR of 4.05% during the period 2016-2020. [Read more](#)

Detailed Project Report On Exercise Note Book

Exercise books are widely known & vastly used as day-to-day products. Notebooks are available in the market in various sizes, shapes & pages and having various types of covers paper bound, board and Rexene bound etc. Writing pads, exercise notebooks and ring books are made from paper sheet layers which are commonly ruled, stitched or glued and used for writing. They are composed of pages, often ruled, made out of paper, used for purposes including recording notes or writing, drawing and similar activities.

The demand for notebooks is projected to reach 2,250 tons and 3,155 tons by the year 2017 and 2022. India exercise notebook market is expected to reach Rs. 334.6 billion by FY'2020. [Read more](#)

Detailed Project Report On Ready Mix Concrete

Ready mix concrete is a modern trend of introduction in the Asian Countries. It is already introduced long before in the European Countries. It is new concept of use concrete in the construction area. Ready mix concrete has advantages in the area where immediate requirement of concrete mixture like in the preparation of bridge overhead roads on or the road construction. The good quality concrete is a homogeneous mixture of water, cement, aggregates and other admixtures.

India is the second largest producer of cement in the world after China. It is followed by Japan and the USA. Cement consumption is very closely linked to the performance of the construction industry; the growth of RMC in India has in the past been predominantly driven by demand from the metro cities. [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. 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

IV Fluids

(BFS Technology)

Intravenous fluids are fluids which are intended to be administered to a patient intravenously, directly through the circulatory system. These fluids must be sterile to protect patients from injury, and there are a number of different types available for use.

Intravenous fluids can also be used as a route of medication administration. If a doctor wants to deliver a small amount of medication over an extended period of time, it can be dissolved in a bag of intravenous fluids and set on an infusion pump which delivers the medicated fluid directly into the blood.

The Indian pharmaceutical industry is the fourth largest in the world in terms of volume of output and thirteenth in domestic demand. [Read more](#)

Detailed Project Report On LPG Bottling 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 (LPG), popularly known as cooking gas, is a mixture of hydrocarbons which are gaseous at normal temperature, but can be liquified at moderate pressure, and can be stored in cylinders as a liquid under pressure, and is drawn out and used as gas.

The average growth rate in demand has settled down to around 10% from a high of 18% during early 1990s. Apart from commercial and industrial establishments, 94 mn households use LPG. [Read more](#)

Detailed Project Report On Cashew Nut Processing Unit

The cashew nut is a popular dessert nut, eaten out of hand, with other mixed nuts and used in baking and confections. Sixty percent of cashews are consumed as salted nuts. The cashew apple is generally processed and consumed locally. The raw cashew nut is the main commercial product of the cashew tree, though yields of the cashew apple are eight to ten times the weight of the raw nuts.

India is the third largest consumer of cashew nuts in the world & India stands first in Cashew Nut Processing. India processes around 1.59 million tons of cashew nuts every year though it produces only around half of the quantity that it processes. India's cashew industry might have to increase domestic production to over 2 million tonnes by the year 2025, it is expected to achieve a target of 2.14 MT of raw cashew nut production in India, against the estimated demand of 2.19 MT by the year 2025. [Read more](#)

Detailed Project Report On E-Waste & Lithium Battery Recycling Plant

Electronic Waste – or e-waste – is the term used to describe old, end-of-life electronic appliances such as computers, laptops, TVs, DVD players, mobile phones, mp3 players etc. Technically, electronic "waste" is the component which is dumped or disposed or discarded rather than recycled, including residue from reuse and recycling operations.

Recycling of used lithium batteries has primarily focused on extracting active metal cobalt (Co) and lithium (Li).

According to E-Waste Market in India 2015-2019 research, the need to prevent biological hazards is one of the major trends upcoming in this market. Indians become richer and spend more on electronic items and appliances, computer equipment accounts for almost 70% of e-waste material, followed by telecommunication equipment (12%), electrical equipment (8%) and medical equipment (7%). [Read more](#)

Detailed Project Report On Disposable Plastic Syringes

Disposable Syringes are made of plastic material and are used in the field of medical and veterinary science. Due to their availability in sterilized condition, ready to use, and cost effectiveness, disposable syringes are fast replacing the age-old glass syringes. Disposable Syringes are being used by doctors to inject medicines through intravenous or intramuscular ways for the treatment of diseases & also by research & development personnel.

The effective result of the above factors of influence on the market – along with a few others – for disposable syringes is expected to translate to a CAGR of 5.6% from 2015 to 2023. India is witnessing a rapid growth across all segments and categories of medical products. [Read more](#)

Detailed Project Report On Activated Carbon from Bamboo

Activated carbon is a non-graphite form of carbon and is micro crystalline in nature. It is extensively used in various industries as a very good adsorbent for odour or colour. Activated carbon is an important component of filter material for the removal of hazardous components in exhaust gases for the purification of drinking water and for waste water treatment. Bamboo can be converted into charcoal and activated carbon via carbonisation followed by activation.

In recent years, there has been a rising expansion of the activated carbon (AC) global market. According to the Transparency Market Research (TMR), the product transactions reached, in 2012, 1.913 billion dollars and the predictions are that at the end of 2019 the numbers surpass the mark of 4.180 billion, presenting an annual increase rate of 11.9% in the 2013-2019 period. [Read more](#)

Tags

Tungsten Carbide Rod Manufacturing, Production of Plastic Battery Containers, PET Bottle Recycling, Production of Toothbrush, Optical Fiber Cable Manufacturing Business, Production of PVC Wires and Cables, E-Rickshaw Assembling, Grapes Packing for Exports with 100 MT Cold Storage, Low Carbon Ferromanganese, Production of Gypsum Plaster Board, Nuts & Bolts (Hot Dip Galvanized), Exercise Note Book Production, Ready Mix Concrete Plant, Red Oxide Primer from Mill Scale, Production of IV Fluids (BFS Technology), LPG Bottling Plant, E-Waste & Lithium Battery Recycling Plant, Production of Disposable Plastic Syringes, Production of Activated Carbon from Bamboo, Highly Profitable Business Ideas, 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

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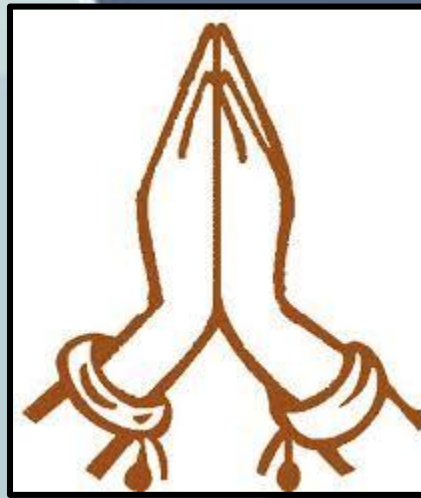
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