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EDITOR :
AJAY KUMAR GUPTA
D.M.S, M.B.A.
Entrepreneurship Management

ASSOCIATE EDITOR
P. K. TRIPATHI
UDANT GUPTA

NIIR PROJECT CONSULTANCY SERVICES
AN ISO 9001:2015 CERTIFIED COMPANY
106 E, Kamla Nagar, Delhi–110 007 (India).

Tel. : 91-11- 23843955, 23845886, 23845654, Mob.: +91-9097075054, 8800733955, Fax : 91-11-23845886
E-mail : info@niir.org , npcs.india@gmail.com, Website : www.niir.org, www.entrepreneurindia.co

About Us

NPCS is a well-known technical consultancy that focuses on Project Reports Compilation, and we have been following a tight system and procedure to assure only top quality in accordance with our clients' expectations in this rapidly increasing and changing market. We've created the list of the top projects to start your own business startups.

Solar PV Power and Solar Products Handbook

(Solar Energy, Solar Lighting, Solar Power Plant, Solar Panel, Solar Pump, Solar Photovoltaic Cell, Solar Inverter, Solar Thermal Power Plant, Solar Farm, Solar Cell Modules with Manufacturing Process, Equipment Details, Plant Layout & Process Flow Chart)

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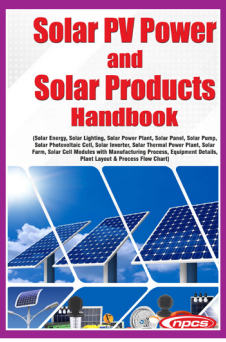


Solar energy is expanding worldwide and becoming an increasingly important part of the energy mix in many countries. Solar energy is used all over the world, but in terms of total installed solar capacity, India, China, Japan, and the United States are now top of the world. Solar panels can create power almost anywhere on the planet. However, some regions receive more sunshine than others and hence have a greater solar energy potential. It is based on insolation, which is a measurement of how much solar radiation reaches a specific area on the earth's surface.

The global solar energy installed capacity is estimated to reach 1,645 gigawatts (GW), registering a CAGR is 13.78%. The growth of the solar energy market is driven by an increase in environmental pollution and the provision of government incentives & tax rebates to install solar panels. In addition, a decrease in water footprint associated with solar energy systems has fueled their demand in power generation sectors. The demand for solar cells has gained major traction owing to a surge in rooftop installations, followed by an increase in applications in the architectural sector. Furthermore, the demand for parabolic troughs and solar power towers in electricity generation is expected to boost the demand for concentrated solar power systems.

Expanding the solar sector considerably from its current small size may result in developments that no one can predict right now. Solar deployment in the future will be highly influenced by uncertain future market conditions and public policies, including but not limited to measures aimed at mitigating global climate change.

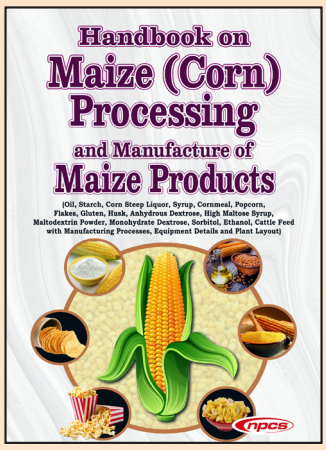
The book covers a wide range of topics connected to Solar, as well as their manufacturing processes. It also includes contact information for machinery suppliers, as well as images of equipment.

A complete guide on Solar PV Power and Solar Products manufacture and entrepreneurship. This book serves as a one-stop-shop for everything you need to know about the Solar, which is ripe with opportunities for manufacturers, merchants, and entrepreneurs. This is the only book that covers Solar PV Power and Solar Products in depth. From concept through equipment procurement, it is a veritable feast of how-to information.

Handbook on Maize (Corn) Processing and Manufacture of Maize Products

(Oil, Starch, Corn Steep Liquor, Syrup, Cornmeal, Popcorn, Flakes, Gluten, Husk, Anhydrous Dextrose, High Maltose Syrup, Maltodextrin Powder, Monohydrate Dextrose, Sorbitol, Ethanol, Cattle Feed with Manufacturing Processes, Equipment Details and Plant Layout)

₹ 1,895/- US$ 150-



In India, maize is becoming third most significant crop. Its significance stems from the fact that it is utilised not only for human food and animal feed, but also for corn starch manufacturing, corn oil production, and the generation of baby corns. Additionally, maize stover, the leaves and stalk of the maize plant, is used for forage, biofuel production, and chemical production.

Corn is also processed into a multitude of food and industrial products including:-

-Corn Starch is a yellow powder made from finely ground, dried corn, while cornstarch is a fine, white powder made from the starchy part of a corn kernel.

-High fructose corn syrup (HFCS) is a sweetener derived from corn syrup, which is processed from corn.

-Corn oil contains some healthy components like vitamin E and phytosterols, but overall it's not considered a healthy fat.

-Corn ethanol is produced from corn biomass and is the main source of ethanol fuel, mandated to be blended with gasoline in the Renewable Fuel Standard.

-Some strains of corn (Zea mays) are cultivated specifically as popping corns.

-Dextrose Anhydrous can be used as sweetener in baked goods, candies, gums, dairy products like some ice-creams and frozen yogurts, canned foods, cured meats etc.

-Maltose is a sugar that tastes less sweet than table sugar. It contains no fructose and is used as a substitute for high-fructose corn syrup.

-Maltodextrin is a white powder made from corn. To make it, first the starches are cooked, and then acids or enzymes such as heat-stable bacterial alpha-amylase are added to break it down further.

-Dextrose is the name of a simple sugar made from corn that's chemically identical to glucose, or blood sugar.

-Sorbitol, or glucitol as it is sometimes called, is a slow-metabolizing sugar alcohol derived from fruits, corn and seaweed.

The global maize market is expected to grow at a CAGR of 3.8%. The factors that affect the demand for starch mainly include population growth and industrial development of a country; specifically the food and beverage, textiles, paper and printing, pharmaceuticals and other health and beauty products, and adhesives.

The book covers a wide range of topics connected to Maize Products, as well as their manufacturing processes. It also includes contact information for machinery suppliers, as well as images of equipments.

A complete guide on Maize (Corn) Processing and Manufacture of Maize Products manufacture and entrepreneurship. This book serves as a one-stop shop for everything you need to know about the Maize manufacturing industry, which is ripe with opportunity for manufacturers, merchants, and entrepreneurs. This is the only book that covers Maize (Corn) Processing and Manufacture of Maize Products in depth. From concept through equipment procurement, it is a veritable feast of how-to information.

A Business Plan for Seaworthy Containers

Seaworthy containers are a new type of shipping container that have been designed to withstand the conditions of rough ocean-going. They are engineered to be more robust than traditional shipping containers, with thicker walls, a sturdier frame, and waterproof doors. This makes them perfect for transporting goods across the seas!

Uses and Applications

Seaworthy containers are great for storage in various environments. The containers can withstand extreme temperatures, so storing items during the winter or summer is no problem. And, if you need a little extra space, you can stack the containers on top of each other.

In addition to being durable, they're also lightweight and easy to move around. These are just some of the many uses and applications of seaworthy containers. They're great for use at home, work, or as an office desk. They can be used as personal shelter from storms and much more!

PROJECT COST ESTIMATE

CAPACITY

Standard Seaworthy Container Size: 20Ft	: 2,400 Nos. Per Annum
Plant & Machinery	: ₹ 907 Lakhs
Cost of Project	: ₹ 2040 Lakhs
Rate of Return	: 28 %
Break Even Point	: 43 %

Indian Market Outlook

The India container market size to be valued at USD 10.3 billion by 2028 and is expected to grow at a compound annual growth rate (CAGR) of 1.7% during the forecast period. The growth can be attributed to the increase in maritime shipping on account of an increase in trade agreements across nations. The market is expected to further grow over the forecast period on account of the expansion of the e-commerce industry, digitalization in container shipping, and rising demand for specialized containers.

Global Market Outlook

The global shipping container market size was valued at USD 6.41 billion in 2020 and is expected to expand at a compound annual growth rate (CAGR) of 12.0% from 2020 to 2028. A shipping container is a container with strength suitable to withstand shipment, storage, and handling.

Conclusion

As a result, more and more businesses are turning to seaworthy containers to meet their storage needs, resulting in the growth of this booming business.

Start Production of Disposable Plastic Cups, Plates & Glasses

Disposable plastic cups, plates, and glasses are made from sustainable materials such as sugarcane, bamboo, and corn-starch. This makes them biodegradable and renewable, making them much better for the environment than traditional plastic products. Disposable Plastic Cups, Plates & Glasses are lightweight containers that are free of toxic chemicals like BPA or PVC that can be found in other types of disposable products. They come in a wide variety of sizes and shapes, so they're perfect for any occasion or event where you'll be serving food or drinks!

Uses and Applications

Disposable plastic cups, plates, and glasses are ideal for a variety of different applications. From outdoor events and picnics to corporate gatherings and special occasions, these items provide a convenient, hygienic way to serve food and drinks in an environmentally friendly way.

Global Market Outlook

The global demand for Disposable Plastic Cups, Plates & Glasses will continue to grow with population growth, especially in developing nations. Not only does this industry provide convenience, but it also reduces the need for washing dishes which has an impact on water usage.

Conclusion

The disposable plastic cups, plates, and glasses business is booming for a number of reasons. Firstly, these products are easy to manufacture and distribute, making them an ideal choice for catering services and events. These factors have all helped drive the growth of this industry in recent years, making it an attractive option for many businesses.

PROJECT COST ESTIMATE

CAPACITY:

Disposable Plastic Glasses 250 ml Size	: 108,000 Th. Pcs. Per Annum
Disposable Plastic Cups 100 ml Size	: 183,600 Th. Pcs. Per Annum
Disposable Plastic Plates 12 inches Size	: 7,200 Th. Pcs. Per Annum
Plant & Machinery	: ₹ 176 Lakhs
Cost of Project	: ₹ 442 Lakhs
Rate of Return	: 26 %
Break Even Point	: 61 %

A Business Plan for Soda Ash by Solvay Process

Soda ash, also known as sodium carbonate, is a chemical compound produced when a base and an acid react with each other. Soda ash, a material used in the manufacture of glass and detergents, can be created with the Solvay process.

Uses and Applications

Soda ash, or sodium carbonate, is a chemical compound that can be used to make glass and soap, as well as industrial cleaners. It's also used in toothpaste as an abrasive. Though soda ash has been around for centuries, the reason it's on the upswing again comes down to one thing: fracking. The process of hydraulic fracturing (commonly called fracking) which is being used to extract natural gas from underground rock formations has led to increasing demand for chemicals like soda ash.

Benefits of starting Soda Ash by Solvay process business.

Starting a business in the Soda Ash by Solvay process industry has many benefits. Not only can businesses capitalize on the growing demand for this product, but they can also benefit from the cost-effectiveness and efficiency of the process. In addition, Soda Ash by Solvay process businesses have the opportunity to access new markets, as the product is becoming increasingly popular in countries around the world.

Indian Market Outlook

The India soda ash market is expected to exhibit a CAGR of 1.82% during 2022-2027. The India soda ash market is primarily driven by the increasing product demand from the soap and detergent industry.

Conclusion

Soda Ash by Solvay process is an innovative, cost-effective method of manufacturing soda ash, which is a key ingredient in many industries such as glass, detergents, and paper production. This process has become increasingly popular in recent years due to its ability to produce a higher quality soda ash than other methods. The Solvay process is relatively simple and cost effective, using salt, limestone, and ammonia to produce soda ash. The process is also highly efficient, producing a high yield of soda ash with minimal energy input and waste.

PROJECT COST ESTIMATE

CAPACITY:

Soda Ash (Na2CO3)	: 200,000 MT Per Annum
Ammonium Chloride (NH4Cl)	: 200,000 MT Per Annum
Plant & Machinery	: ₹ 143 Cr.
Cost of Project	: ₹ 210 Cr.
Rate of Return	: 26 %
Break Even Point	: 67 %

Setup Extraction of Salt from Sea Water Plant

Extraction of salt from sea water is a process by which salt is removed from the seawater. Salt extraction has been used for centuries, but it has become increasingly popular as more people have become aware of its many benefits. Not only is salt an essential ingredient in our food and culinary applications, but it is also an essential component in industrial processes and products.

Benefits of Salt Extraction

The benefits of extracting salt from sea water are plentiful. For one, it provides an alternative to traditional mining of salt deposits, which can be costly and damaging to the environment. With salt extraction from sea water, there is no need to disturb land or use potentially hazardous chemicals during the mining process.

Indian Market Outlook

India ranks third in the production of salt in the world next to USA and China. The Average annual production is about 20.31 million tonnes against the average annual world production of 240-250 million tonnes. Worldwide about 25 million tons of salt are used for edible purposes and rest is used for non-edible and industrial purpose.

PROJECT COST ESTIMATE

CAPACITY:

Iodized Salt	: 30,000 MT Per Annum
Industrial Salt	: 30,000 MT Per Annum
Plant & Machinery	: ₹ 1156 Lakhs
Cost of Project	: ₹ 2776 Lakhs
Rate of Return	: 29 %
Break Even Point	: 41%

Global Market Outlook

The global salts market size was estimated at USD 15.3 billion in 2021 and it is expected to reach around USD 26.8 billion by 2030, poised to grow at a compound annual growth rate (CAGR) of 6.43% over the forecast period 2022 to 2030.

Conclusion

The extraction of salt from sea water is a booming business because it provides a much-needed resource for many different industries and individuals, it is environmentally friendly, and it is cost-effective.

Disposable Plastic Syringes with Needles

Manufacturing Plant

Disposable plastic syringes with needles are a type of medical device used to inject fluids into or draw fluids from the body. These syringes come pre-filled with medication and are often used for injections, IVs, and other treatments. This type of syringe is becoming increasingly popular due to its ease of use and affordability. Disposable plastic syringes with needles are generally made of plastic, rubber, and metal components, and are designed to be used once and then disposed of.

Benefit and Uses of Disposable Plastic Syringes with Needles

The benefits of disposable plastic syringes with needles are numerous. They provide a sterile environment for administering treatments, as they are sealed and sanitized before use. This reduces the risk of cross-contamination and infections.

Indian Market Outlook

India Disposable Syringes market was valued at USD888.40 million in FY2020 and is forecast to grow at a CAGR of 13.28% in value terms to reach USD 1,828.20 million by FY2026. India Disposable Syringes market is expected to witness rapid growth during the forecast period owing to the growing prevalence of various chronic diseases that require treatment using disposable syringes and increasing demand for vaccines around the world.

Global Market Outlook

The global disposable syringes market size was valued at USD 13.45 billion in 2021 and is expected to expand at a compound annual growth rate (CAGR) of 6.12% from 2022 to 2030. The growth is attributed to the growing prevalence of chronic disorders, increasing adoption of safety syringes, and a growing number of surgeries globally.

Conclusion

The business of disposable plastic syringes with needles is booming due to their increased safety, affordability, and ease of use. This booming business has led to an increased demand for these products and has created opportunities for businesses that specialize in supplying them.

PROJECT COST ESTIMATE

CAPACITY:

Disposable Plastic Syringes with Needle 1 ml Size)	: 80,000 Nos Per Day
Disposable Plastic Syringes with Needle 2 ml Size)	: 80,000 Nos Per Day
Disposable Plastic Syringes with Needle 3 ml Size)	: 80,000 Nos Per Day
Disposable Plastic Syringes with Needle 5 ml Size)	: 80,000 Nos Per Day
Disposable Plastic Syringes with Needle 10 ml Size)	: 80,000 Nos Per Day
Plant & Machinery	: ₹ 2533 Lakhs
Cost of Project	: ₹ 5405 Lakhs
Rate of Return	: 29 %
Break Even Point	: 36 %

Ethyl Acetate from Ethanol

Business Plan

Ethyl acetate is a chemical compound that is used in a variety of industrial processes. It is commonly derived from ethanol, or ethyl alcohol, which is produced by fermentation of sugars or starches. Ethanol itself is a valuable commodity in many industries, and the production of ethyl acetate is an important part of the value chain.

Uses and Applications

Ethyl Acetate is used in a wide variety of applications, ranging from food and beverage flavorings to industrial solvents. The demand for Ethyl Acetate has been steadily increasing due to its versatility and affordability. It is used in the production of cosmetics, paints, lacquers, adhesives, printing inks, pharmaceuticals, perfumes, and nail polishes. Additionally, it is used as an ingredient in food flavoring, perfumes, and alcoholic beverages.

Indian Market Outlook

India Ethyl Acetate Market was valued US$ 645.44 Mn. in 2021 and is expected to reach US$ 1200.88 Mn. by 2029, at a CAGR 8.07% during a forecast period. Ethyl acetic acid is an ester complex which is synthesized from esterification of ethanol and acetic acid in the presence of a strong acid. It is utilized as a solvent for varnishes, finishes, cleaning, and nitrocellulose.

PROJECT COST ESTIMATE

CAPACITY

Ethyl Acetate	: 6,000 MT. Per Annum
Plant & Machinery	: ₹ 1131 Lakhs
Cost of Project	: ₹ 2054 Lakhs
Rate of Return	: 25 %
Break Even Point	: 44 %

Global Market Outlook

The global ethyl acetate market size was valued at USD 4.7 billion in 2020 and is expected to expand at a compound annual growth rate (CAGR) of 8.8% from 2021 to 2028. The global market for Ethyl Acetate from Ethanol is booming. This is due to the increasing demand from the food and beverage, cosmetics, and pharmaceutical, and automotive sector.

Conclusion

Ethyl Acetate is an important chemical compound derived from ethanol that has become increasingly popular in recent years. Its versatile applications across multiple industries and its affordability have made it a sought-after commodity. As a result, the demand for Ethyl Acetate from ethanol business has been steadily increasing and will continue to do so in the coming years.

A Business Plan for Surgical Sutures (Assembling)

Surgical sutures are a vital part of the medical industry and are used in numerous medical procedures. Sutures are used to close wounds, hold tissue together, reduce scarring, and promote healing. They can be made of a variety of materials such as nylon, polyester, silk, or absorbable material.

Uses and Applications

Surgical sutures are a vital tool used by surgeons and medical professionals in a variety of different procedures. From simple stitching to complex surgeries, sutures are essential for ensuring the safety and successful healing of a patient.

Indian Market Outlook

The India surgical sutures market is expected to exhibit a CAGR of 8.01% during 2022-2027. The rising cases of numerous chronic diseases, along with the increasing number of surgeries across India, are primarily driving the market growth.

PROJECT COST ESTIMATE

CAPACITY

Surgical Sutures	: 450,000 Boxes Per Annum
Plant & Machinery	: ₹ 169 Lakhs
Cost of Project	: ₹ 877 Lakhs
Rate of Return	: 27 %
Break Even Point	: 63 %

Global Market Outlook

The global surgical sutures market size was valued at USD 4.2 billion in 2021 and is expected to expand at a compound annual growth rate (CAGR) of 5.8% from 2022 to 2030. The North American region dominated the market for surgical sutures with a revenue share of over 40.0% owing to the presence of local and key players, high cost of sutures as compared to other regions, supportive reimbursement scenario, rising government programs, and developed healthcare infrastructure.

Conclusion

With this increased demand, surgical suture assembly businesses have become a lucrative and viable business opportunity. The potential profits from providing this service can be quite high, especially if the company provides services to multiple medical practices or clinics.

Floral Foam (Phenolic Foam) with Resin Manufacturing Business

Floral foam, also known as phenolic foam, is a lightweight, highly porous foam material used to hold and hydrate flower stems and other elements of a flower arrangement. Floral foam is typically shaped into a brick, disc or wreath form, and can also be found in specialty forms like crosses and hearts. The foam is then soaked in water to make it easier to work with and ensure that the flowers are properly hydrated.

Uses of Floral Foam (Phenolic Foam) with Resin

Floral foam, or phenolic foam, is a highly absorbent foam material used in floral arrangement and craft. This foam is designed to help hold flowers in place, make it easier to manipulate the shape of an arrangement, and also provide a protective covering for delicate stems and petals. The foam is waterproof and can be cut, trimmed, and shaped to fit any design.

PROJECT COST ESTIMATE

CAPACITY

Floral Foam (Phenolic Foam)	: 90,000 Kg. Per Annum
Plant & Machinery	: ₹ 84 Lakhs
Cost of Project	: ₹ 366 Lakhs
Rate of Return	: 27 %
Break Even Point	: 60 %

Global Market outlook

The global market for Floral Foam (Phenolic Foam) with Resin Manufacturing is booming due to its unique characteristics and wide range of applications. Floral Foam (Phenolic Foam) is a foam that is used to secure flowers and other materials in flower arrangements, providing a solid base to build upon and hold the shape of the arrangement. It is also widely used in craft and DIY.

Conclusion

Floral Foam (Phenolic Foam) with Resin Manufacturing is an increasingly popular option for craft, decorative arrangements, and many other creative endeavors.

Start production of E-Rickshaw and E-Loader

An E-Rickshaw is an electric vehicle used as a public transportation. It is an economical, efficient and eco-friendly way of commuting from one place to another. It is a three-wheeled motorized vehicle that runs on a battery, which makes it an environmentally friendly mode of transport.

PROJECT COST ESTIMATE

CAPACITY:

E-Rickshaw	: 6,000 Nos Per Annum
E-Loader	: 3,000 Nos Per Annum
Plant & Machinery	: ₹ 56 Lakhs
Cost of Project	: ₹ 1170 Lakhs
Rate of Return	: 34 %
Break Even Point	: 42 %

Benefits of Starting E-Rickshaw and E-Loader Business.

One of the main benefits of starting an e-rickshaw or e-loader business is that they are relatively inexpensive to set up. With minimal upfront costs, you can quickly start offering services to customers and begin turning a profit. Additionally, these vehicles are relatively easy to maintain, making them a great long-term investment.

Indian Market Outlook

The India electric rickshaw market size reached US$ 1.1 Billion in 2021. Looking forward, IMARC Group expects the market to reach US$ 2.1 Billion by 2027, exhibiting a growth rate (CAGR) of 11.34% during 2022-2027. Electric rickshaws are battery-operated three-wheelers with a better economy and lower operational and maintenance costs.

Global Market Outlook

Global E-Rickshaw Market size is expected to reach US$ 18.40 Bn. by 2027, at a CAGR of 33% during the forecast period. The E-rickshaw uses electric power to drive the rickshaw. These rickshaws usually have three wheels and they are used for passenger transportation or the goods transportation purpose.

Conclusion

The e-rickshaw and e-loader business is booming, and for good reason. In a world that is becoming increasingly focused on sustainability and reducing its environmental footprint, the electric vehicles offer an attractive solution. They are cheaper to operate than traditional gasoline-powered vehicles, they don't produce any exhaust or carbon emissions, and they help to reduce traffic congestion in heavily populated areas.

Starting Up Production of Glycerol Monostearate

Glycerol monostearate is an organic compound that is derived from glycerol and used as an emulsifier, thickener, and stabilizer in various food products. It can be found in a wide range of products such as pastries, chocolate, margarine, and ice cream. In addition to its uses in food products, glycerol monostearate is also used in the pharmaceutical industry and cosmetics as a binding agent and emollient.

PROJECT COST ESTIMATE

CAPACITY

Glycerol Monostearate	: 900 MT Per Annum
Plant & Machinery	: ₹ 93 Lakhs
Cost of Project	: ₹ 320 Lakhs
Rate of Return	: 29 %
Break Even Point	: 64 %

Uses and Application of Glycerol Monostearate

Glycerol Monostearate (GMS) is a widely used emulsifier, surfactant, and thickening agent found in many food products, cosmetics, and pharmaceuticals. GMS is derived from vegetable oils and has a wide range of applications, including as an ingredient in cakes and biscuits, a stabilizing agent in ice cream and chocolate, a preservative in jams and jellies, a binder in animal feed, and a lubricant in medicines.

Indian Market Outlook

The demand for GMS in the Indian market has been on the rise in the last few years due to its increasing usage in many different food and beverage products. This increase in demand has led to an increase in the number of companies that manufacture and supply GMS in India.

Global Market Outlook

The global Glycerol Monostearate market accounted for USD 938.3 million in 2020 and is expected to reach USD 1,147.6 million by 2028, growing at a CAGR of around 2.6% between 2021 and 2028. Asia Pacific is expected to record the fastest growth in the future.

Start Polyvinyl Alcohol Production Business

Polyvinyl Alcohol (PVOH) is a synthetic polymer created through the polymerization of vinyl acetate. It is a water-soluble synthetic resin that has a wide range of industrial applications, from textiles and paper production to oil and gas drilling. PVOH is an incredibly versatile material due to its ability to form strong, flexible gels and films.

PROJECT COST ESTIMATE

CAPACITY

Polyvinyl Alcohol	: 6,000 MT Per Annum
Plant & Machinery	: ₹ 449 Lakhs
Cost of Project	: ₹ 1193 Lakhs
Rate of Return	: 28 %
Break Even Point	: 58 %

Benefit of Starting Poduction of Polyvinyl Alcohol

Polyvinyl Alcohol, or PVA, is a versatile and affordable material that has become increasingly popular in a variety of industries. From medical applications to food packaging, the uses of PVA are becoming more and more widespread.

Global Market outlook

Polyvinyl alcohol market is forecast to reach $1.09 billion by 2025, after growing at a CAGR of 5.58% during 2019-2025. Polyvinyl alcohol (PVOH) is widely used in the construction industry due to its various properties such as enhanced water solubility and particle size, adsorption strength, the viscosity of cement porous solution and static cement slurry filtration. Construction is a diverse industry expected to experience robust growth due to the growing development of infrastructure in the Asia Pacific, particularly in China, India, and Japan.

Conclusion

The polyvinyl alcohol business has experienced a dramatic rise in recent years due to the versatile nature of the material. It is widely used in a variety of applications such as medical equipment, film and coatings, as well as for printing and other processes.

Lead Acid Battery (Maintenance Free)

Lead acid batteries are the most common large-capacity rechargeable batteries. They are very popular because they are dependable and inexpensive on a cost-per-watt base. Maintenance Free- Sealed Lead Acid (MF-SLA) batteries are available in a few different formats. Their principal manufacturing process, including number of plates and plate thickness determines its designated end user application. SLA batteries tend not to sulphate or degrade as easily as wet cells and are regarded the safest lead acid battery to use.

PROJECT COST ESTIMATE

CAPACITY

Lead Acid Battery (Maintenance Free)	: 500 Nos./Day
Plant & Machinery	: ₹ 233 Lakhs
Cost of Project	: ₹ 590 Lakhs
Rate of Return	: 29%
Break Even Point	: 60%

India lead acid battery market is projected to reach $ 7.6 billion by 2023. Anticipated growth in the market can be attributed to booming demand for automobiles, in addition to increasing focus of the government towards boosting the penetration of electric vehicles in the country. India Lead Acid Battery Market is projected to grow at a CAGR of over 9% during 2018-24. As a whole there is a good scope for new entrepreneur to invest in this business.

Setup Glass Fiber Reinforced Polymer (GFRP) Rebar Plant

Glass Fiber Reinforced Polymer (GFRP) Rebar is a type of composite material that is made from combining glass fibers with a polymer matrix. This combination creates a strong, durable and corrosion-resistant material that can be used to reinforce concrete structures.

Benefits of Starting GFRP Rebar Industry

Glass Fiber Reinforced Polymer (GFRP) Rebar is an innovative composite material made up of epoxy resin and glass fiber that offers a unique alternative to traditional steel rebar. It has been increasingly adopted in the construction industry due to its numerous advantages, such as its strength and flexibility, corrosion-resistance, light weight, and electrical insulation properties.

Global Market Outlook

The global GFRP Rebar market size is projected to grow from USD 187 million in 2021 to USD 389 million by 2027, at a CAGR of 13.0%. Increasing Application in Marine Industry and Rising Demand for Wind Energy Composites is likely to act as an opportunity for the market.

Conclusion

The increasing use of GFRP rebar in the construction industry has resulted in a booming industry for manufacturers. In addition to the aforementioned benefits of using this product, there are several other factors that have driven the growth of the GFRP rebar industry. GFRP Rebar can be easily cut, bent, and formed into any shape or size without the need for additional fabrication or specialized tools.

PROJECT COST ESTIMATE

CAPACITY

Glass Fibre Reinforced Polymer (GFRP) Bar (Size 8mm to 36 mm)	: 360,000 MT Per Annum
Plant & Machinery	: ₹ 588 Lakhs
Cost of Project	: ₹ 6097 Lakhs
Rate of Return	: 34 %
Break Even Point	: 51 %

Fruits & Vegetables Powder
(Tomato, Onion, Mango, Pomegranate and Papaya Powder)

Tomato powder is a powder derived from tomato. It is made by turning fresh tomatoes into a slurry and further spray drying the slurry, creating a fine powder of uniform consistency. It is used to add tomato flavor in various dishes, has increased its application in various food processors. On the basis of application, tomato powder is segmented such as seasoning and savories, soup mixes, snack foods, curries and gravies, baby foods and others.

Onion powder is a processed form of dehydrated onion that can add the same flavor as fresh onions in a convenient manner. As a flavoring agent, onion powder is currently being used in a number of food and non-food products like- snacks, sauces, salads, soups, gravies, appetizers, seafood, meats, etc.

PROJECT COST ESTIMATE

CAPACITY:

Tomato Powder	: 90,000 Kgs Per Annum
Onion Powder	: 36,000 Kgs Per Annum
Mango Powder	: 120,000 Kgs Per Annum
Pomegranate Powder	: 45,000 Kgs Per Annum
Papaya Powder	: 90,000 Kgs Per Annum
Plant & Machinery	: ₹ 69 Lakhs
Cost of Project	: ₹ 417 Lakhs
Rate of Return	: 27%
Break Even Point	: 57%

Mango powder is a fruity spice powder made from dried unripe green mangoes and is used as a citrusy seasoning. It is produced in India, and is used to flavor foods and add the nutritional benefits of mangoes when the fresh fruit is out of season. India is known for its exotic spices since the ancient times. These spices are mostly used for flavoring or tempering cooked food.

Pomegranate Powder is made of fresh pomegranate juices extracted by spray dried. In the production process strictly abide by the guidelines ensuring the food safety and quality. It is widely used for pharmaceutical industry, health care products, baby and infant products, snacks, solid beverage, ice-cream, all kinds of milk tea.

The papaya fruit is a large berry about 15–45 cm (5.9–17.7 in) long and 10–30 cm (3.9–11.8 in) in diameter. It is ripe when it feels soft (as soft as a ripe avocado or a bit softer) and its skin has attained an amber to orange hue. Papayas are a soft, fleshy fruit that can be used in a wide variety of culinary ways. Here we will explore more on the health benefits, uses, how to incorporate more of them into diet, and what nutritional value papayas have. Entrepreneurs who invest in this project will be successful.

Production Business of
Silicon Carbide Abrasive Nozzle Liners

Silicon Carbide Abrasive Nozzle Liners (SCANL) are the latest breakthrough in abrasive technology, and they have revolutionized the way that manufacturing companies create precision parts. This type of nozzle liner is made from a ceramic material that is extremely hard, heat resistant, and has a longer life than other materials used in this industry.

Uses and Applications of Silicon Carbide Abrasive Nozzle Liners

Silicon carbide abrasive nozzle liners are a unique and versatile tool used in various industries. They are made from silicon carbide, which is a material that has an extremely high melting point and thermal stability, making it ideal for use in applications requiring extreme temperature tolerance. Silicon carbide abrasive nozzle liners can be used to reduce wear and tear on machines, increase efficiency, and improve overall performance.

Global Market Outlook

The global abrasive blasting nozzle market size was valued at USD 189.4 million in 2019 and is expected to grow at a compound annual growth rate (CAGR) of 4.5% from 2020 to 2027. The boom in the silicon carbide abrasive nozzle liner market can be attributed to several factors.

PROJECT COST ESTIMATE

CAPACITY

Silicon Carbide Abrasive Nozzle Liner	: 10,000 Nos. Per Annum
Plant & Machinery	: ₹ 178 Lakhs
Cost of Project	: ₹ 454 Lakhs

Conclusion

Silicon carbide abrasive nozzle liners have become increasingly popular due to their efficiency, safety, environmental benefits and cost savings. As demand continues to grow, this industry looks poised to remain strong in the coming years.

Start Manufacturing of
uPVC Profiles
for Doors and Windows

Unplasticized Polyvinyl Chloride (uPVC) is a rare material that delivers all requirements comprehensively. The incredible combination of properties it has to offer has contributed to its widespread utilization. According to the British Plastics Federation (BPF), about 80% of the world's windows today are made of uPVC. The uPVC profile is basically an extruded section of a mixture of PVC with certain additives to make it suitable for making uPVC Windows and Doors.

The impressive properties of uPVC like rigidity, lightness, thermal and weather resistance, durability, and low cost of production made it a huge commercial success. It is highly recommended by builders and architects till date, for its versatility and utility, especially as a window framing material.

uPVC products are fire retardant. This is because they contain more than 70% unplasticised uPVC which turns 57% Chlorine. This contributes efficiently to the flame retardant. Further, it has very high ignition temperature 400°C against 210°C of wood and has an index of 50% against 21% for wood.

Doors are a must for everyone who likes the idea of keeping up with the time. Very elegant yet functional, these are made out of high-tech rust proof frames and rigid, extruded uPVC profiles. These doors are made as per the customer requirement. uPVC Doors have various advantage over other doors namely they are waterproof, Termite Proof, Fire Retardant, Economical, No Wharping, Maintenance free easy to install & available in various colours shades & no hassles of Painting & Polishing.

PROJECT COST ESTIMATE

CAPACITY:

uPVC Profiles	: 2,000 Kgs Per Day
Wood Laminated uPVC Profiles	: 1,570 Kgs Per Day
Plant & Machinery	: ₹ 104 Lakhs
Cost of Project	: ₹ 241 Lakhs
Rate of Return	: 26%
Break Even Point	: 75%

The UPVC window and door market is growing at a faster pace with substantial growth rates over the last few years. The global uPVC market was valued at USD 43.32 Billion in 2018 and is expected to reach USD 70.47 Billion by the year 2026, at a CAGR of 6.3%. uPVC is also known as rigid PVC or unplasticized PVC.

Lucrative Business of Steel Containers (Cargo Containers)

Containerized shipping has changed the way that goods and materials are transported, but it can also take a while to learn how it all works. Cargo containers are the most efficient form of transportation when it comes to moving bulk loads over long distances. These sturdy metal boxes may look like something out of Star Wars, but they're actually an economical and environment-friendly way to ship goods across the globe, especially when compared to transporting by road or air freight services.

The cargo container industry produces a lot of intermodal containers each and every year. They are used to transport goods all over the world. About 180 million container loads crisscross the oceans each year in about 5000 container ships. International shipping of containerized commodities is indispensable for global trading firms to thrive in the increasingly competitive economic environment.

The global Shipping Containers Market was accounted for US$ 10,350.1 Mn in terms of value and 306,324 Thousand Units in 2019 and is expected to grow at CAGR of 5.9% for the period 2020-2027. Increasing speed, reliability, and safety of containerization have compelled companies to opt for containers to ship their goods.

PROJECT COST ESTIMATE

CAPACITY

Cargo Containers (Size 20 Feet)	: 34 Nos Per Day
Plant & Machinery	: ₹ 3.21 Cr
Cost of Project	: ₹ 18.13 Cr
Rate of Return	: 28%
Break Even Point	: 52%

Start Production of Paracetamol (BP/IP/USP Grade)

India is the world's top supplier of generic pharmaceuticals. The Indian pharmaceutical industry supplies more than half of global demand for vaccines, 40% of generic demand in the United States, and 25% of all pharmaceuticals in the United Kingdom. Around 70% of India's need for bulk pharmaceuticals, drug intermediates, pharmaceutical formulations, chemicals, tablets, capsules, orals, and injectable is met by the pharmaceutical industry.

Paracetamol Powder's Applications: Fever, Discomfort relief, Osteoarthritis, Lower Back Pain, Headache Swiss, Toothache, Menstrual Period Pain, Cold/Flu Pain.

During the forecast period, India's paracetamol market is expected to rise at a rapid pace. The extensive usage of paracetamol as a first-line treatment for pain and fever relief drives the paracetamol market in India. Additionally, the drug's broad use in COVID-19 patients to reduce various symptoms of cold, cough, and fever is predicted to drive market growth through FY2026. By 2025, the Indian pharmaceutical sector is estimated to be worth US$ 100 billion, while the medical device market would be worth US$ 25 billion. In FY20, India's pharmaceutical exports totaled US$ 16.3 billion.

PROJECT COST ESTIMATE

CAPACITY:

Paracetamol Powder (IP/BP Grade)	: 50 MT Per Day
Acetic Acid (31% Conc.) By Product	: 72 MT Per Day
Plant & Machinery	: ₹ 962 Lakhs
Cost of Project	: ₹ 2887 Lakhs
Rate of Return	: 32%
Break Even Point	: 52%

Urea Fertilizer

Growing health awareness globally has driven the demand for pulses owing to their dietary protein content. Pulses can convert and utilize the atmospheric nitrogen and hence consume less volume of fertilizers compared to the other crops. Both these crops have a demand-supply gap, as their annual yield does not meet the global requirement. These factors are anticipated to increase the usage of nitrogen fertilizers for the production of oilseeds & pulses, thus leading to an annual revenue growth rate of 5.1% from 2019 to 2025 in the market. Entrepreneurs who invest in this project will be successful.

PROJECT COST ESTIMATE

CAPACITY

Urea Fertilizer	: 972.2 MT / Day
Plant & Machinery	: ₹ 4320 Lakhs
Cost of Project	: ₹ 15110 Lakhs
Rate of Return	: 27%
Break Even Point	: 56%

Biomass Briquettes from Bio Waste

Among the non-conventional forms of energy, Bio-Energy offers vast potential under Indian conditions, due to the wide spectrum of BIOMASS available in different agro-climatic regions of the country.

Worldwide, the energy stored in biomass through photosynthesis is approximately $3x10^{21J}$ (90% in trees) every year, which is nearly 10 times the world's annual energy use. Even through the total renewable biomass resource for energy far exceeds the world's total energy requirement, its volume exploitation remains limited because of the present low cost of fossil fuels, the heterogeneous nature of biomass, and the area over which the biomass must be collected for large-scale applications.

Biomass feed, especially agro-residues, is available in different forms, such as husks, straw, and stalks of various and numerous crops. Due to this heterogeneous nature, the utility of these materials for energy becomes limited, and energy conversion processes tend to become biomass specific. Biomass briquettes are a proven way of generating energy from bio-waste. Different types of waste have been utilized in order to develop biomass briquettes. Biomass briquettes derived from Mustard, Cotton, Guar, Saw Dust and Peanut shell Agro waste could result in feasible on-site fuel production.

Biomass briquettes can typically provide between 3-15 per cent of the input energy into the power plant. The objective behind the move, is to reduce air pollution caused due to burning of surplus biomass residue in fields by creating an alternate market for its large-scale utilisation in power plants as well as reduce carbon emission from coal-fired power plants.

PROJECT COST ESTIMATE

Capacity	: 20 MT Per Day
Plant & Machinery	: ₹ 52 Lakhs
Cost of Project	: ₹ 94 Lakhs
Rate of Return	: 20%
Break Even Point	: 73%

The global Biomass Briquette market is valued at 320 million US$ in 2017 and will reach 570 million US$ by the end of 2025, growing at a CAGR of 7.3% during 2018-2025. The global biomass briquettes market is segmented into North America, Latin America, Western Europe, Eastern Europe, the Middle East and Africa, and Asia Pacific. Of these regions, Europe and North America are expected to be key regions for the growth of this market over the forecast tenure. The utilization of the biomass briquettes production technologies is high to convert their biomass into useful energy sources.

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ELECTROPLATING, ANODIZING & METAL TREATMENT, POWDER COATING AND METAL FINISHING	
• Electroplating, Anodizing & Metal Treatment Handbook	1475/- 150
• The Complete Technology Book on Electroplating, Phosphating, Powder Coating and Metal Finishing (2nd Rev. Edn.)	1675/- 150
• Handbook on Electroplating with Manufacture of Electrochemicals	1695/- 150
RUBBER PROCESSING AND COMPOUNDING	
• The Complete Book on Rubber Processing and Compounding Technology (with Machinery Details) (2nd Revised Edition)	1875/- 150
• The Complete Book on Rubber Chemicals	1575/- 150
• Handbook on Rubber and Allied Products (with Project Profiles) #	2295/- 200
SURFACE COATING, PAINTS, VARNISHES & LACQUERS	
• The Complete Book on Resins (Alkyd, Amino, Phenolic, Polyurethane Epoxy, Silicone, Acrylic) Paints, Varnishes, Pigments & Additives (Surface Coating Products with Formulae) 3rd Rev. Edn	1995/- 150
• Paints, Pigments, Varnishes and Enamels Technology Handbook (With Process & Formulations) 2nd Rev. Edn.	1675/- 150
• Modern Technology of Paints, Varnishes & Lacquers (2nd Edn.)	1075/- 125
• Handbook on Paints and Enamels	1275/- 125
• Surface Coating Technology Handbook	1475/- 125
• Spirit Varnishes Technology Handbook (with Testing and Analysis)	1275/- 150
• The Testing Manual of Paints, Varnishes and Resins	1875/- 150
• Handbook on Paint Testing Methods	1575/- 150
• Manufacture of Thinners & Solvents (Properties, Uses, Production, Formulation with Machinery Details) 2nd Edn. Rev.	1875/- 150
• Manufacture of Paint Varnish & Allied Products (Industrial Paint, N.C. Thinner, Paint Industry, Infrared Reflected (IR) Paint, High Temperature Aluminium Based Paint, Paint Drier, Powder Coating Paint, Latex Paints for Roof) 3rd Edition #	1995/- 200
GUMS, ADHESIVES & SEALANTS, ROSIN & DERIVATIVES, RESINS AND OLEORESINS	
• Gums, Adhesives & Sealants Technology (with Formulae & their Applications) 2nd Rev. Edn.	1475/- 150
• Adhesives Formulary Handbook	1275/- 125
• Handbook on Speciality Gums, Adhesives, Oils, Rosin & Derivatives, Resins, Oleoresins, Katha, Chemicals with Other Natural Products	2175/- 150
• The Complete Book on Adhesives, Glues & Resins Technology (with Process & Formulations) 2nd Rev. Edn.	1675/- 150
• Phenolic Resins Technology Handbook (2nd Revised Edition)	1895/- 150
• The Complete Technology Book on Industrial Adhesives	1675/- 150
• The Complete Book on Gums and Stabilizers for Food Industry	1275/- 125
• The Complete Book on Water Soluble Gums and Resins	1675/- 150
• Handbook on Tall Oil Rosin Production, Processing and Utilization	1575/- 150
SYNTHETIC RESINS	
• Modern Technology of Synthetic Resins & Their Applications (2nd Revised Edition)	1575/- 150
• Synthetic Resins Technology Handbook	1100/- 125
• The Complete Technology Book on Synthetic Resins with Formulae & Processes	1150/- 125
• Alkyd Resins Technology Handbook	1100/- 125
• Epoxy Resins Technology Handbook (Synthesis, Epoxy Resin Adhesives, Epoxy Coatings) with Manufacturing Process and Machinery Equipment Details (3rd Revised Edition)	2275/- 200
PETROLEUM, GREASES, PETROCHEMICALS, LUBRICANTS	
• Modern Technology of Petroleum, Greases, Lubricants & Petrochemicals (Lubricating Oils, Cutting Oil, Additives, Refining, Bitumen, Waxes with Process and Formulations) 3rd Rev. Edn.	1995/- 150
• The Complete Book On Distillation And Refining of Petroleum Products (Lubricants, Waxes And Petrochemicals)	975/- 100
• Lubricating Oils, Greases and Petroleum Products Manufacturing Handbook	1475/- 150
• Manufacturing of Petroleum Products (Petroleum Waxes, Greases and Solid Lubricants, Solid Fuels, Gaseous Fuels, Gasoline, Diesel Fuel Oils, Automotive, Diesel and Aviation Fuels, Lubricating Oils and Lubricating Greases)	1675/- 150
• Petroleum & Petroleum Products Technology Handbook (Thermal Cracking of Pure Saturated Hydrocarbons, Petroleum Asphalts, Refinery Products, Blending and Compounding, Oil Refining and Residual Fuel Oils)	1875/- 150
WASTE MANAGEMENT, PRODUCTS FROM WASTE, MEDICAL, MUNICIPAL WASTE, E-WASTE, BIOMASS, MEDICAL & SURGICAL DISPOSABLE PRODUCTS	
• Products from Waste (Industrial & Agro Waste) 2nd Edition	975/- 100
• Modern Technology of Waste Management: Pollution Control, Recycling, Treatment & Utilization	975/- 100
• Handbook on Recycling & Disposal of –Hospital Waste Municipal, –Solid Waste, –Biomedical Waste, –Plastic Waste	1275/- 125
• Water and Air Effluents Treatment Handbook	1275/- 125
• The Complete Guide on Industrial Pollution Control	1275/- 125
• The Complete Book on Managing Food Processing Industry Waste	1275/- 125
• Handbook on Organic Waste for Biological Treatment, Liquid Manure into a Solid, Tomato Waste Water Treatment, Oxalic Acid from Jute Stick, Cotton Processing Waste, Fish Waste, Agro-Industrial Wastes, Bioconversion of Pretreated Wheat Straw and Sunflower Stalks to Ethanol, Agricultural Waste Treatment, Waste of Dehydrated Onion, Beef-Cattle Manure Slurry, Meat Meal and Algae for Calves, Wastes from Large Piggeries, Pig Waste, Oxytetracycline, Methane from Cattle Waste	1275/- 125
• Handbook on Medical and Surgical Disposable Products (Blood Bags, Plastic Gloves, I.V. Cannula, Infusion Set, Gowns, Masks, Catheter, Cotton and Bandage, Surgical Wear, Syringes)	1775/- 150
• Disposable Products Manufacturing Handbook (Plastic Cups, Cutlery, Paper Cups, Banana Leaf Plates, Facial Tissues, Wet Wipes, Toilet Paper Roll, Sanitary Napkins, Baby Diapers, Thermocol Products, PET Bottles)	1575/- 150
• The Complete Book on Biomass Based Products (Biochemicals, Biofuels, Activated Carbon)	1575/- 150
• The Complete Technology Book on E-Waste Recycling (Printed Circuit Board, LCD, Cell Phone, Battery, Computers) 3rd Rev. Edn.	1975/- 150
• The Complete Book on Waste Treatment Technologies (Industrial, Biomedical, Water, Electronic, Municipal, Household/ Kitchen, Farm Animal, Dairy, Poultry, Meat, Fish & Sea Food Industry Waste)	1675/- 150

PROCESS TECHNOLOGY BOOKS

NAME OF BOOKS | ₹ / US$

- Manufacture of Value Added Products from Rice Husk (Hull) and Rice Husk Ash (RHA) (Precipitated Silica, Activated Carbon, Cement, Electricity, Ethanol, Hardboard, Oxalic Acid, Paper, Particle Board, Rice Husk Briquettes, Rice Husk Pellet, Silicon, Sodium Silicate Projects) 2nd Rev. Edition..... 1400/- 150
- Medical, Municipal and Plastic Waste Management Handbook..... 1275/- 125
- The Complete Book on Biological Waste Treatment and their Utilization 1675/- 150

INFRASTRUCTURE, HOSPITALITY, MEDICAL, ENTERTAINMENT, WAREHOUSING, EDUCATION BUSINESS & REAL ESTATE PROJECTS

- Investment Opportunities in Infrastructure Projects # 2500/- 225
- Investment Opportunities In Hospitality, Medical, Entertainment, Ware Housing & Real Estate Projects (with 15 Project Profiles)# 4408/- 350
- How to Start Profitable Education Business (12 Detailed Project Profiles) (Engineering, Dental, ITI, Management, Marine Engineering, Medical, Pharmacy, Polytechnic College and Schools) 2nd Revised Edition # ...2295/- 200

WOOD AND ITS DERIVATIVES

- The Complete Technology Book on Wood and Its Derivatives.... 1100/- 125
- Bamboo Plantation and Utilization Handbook 1475/- 150

HERBAL PRODUCTS, AYURVEDIC, HERBAL & UNANI MEDICINES, DRUGS, NEEM, HERBS & MEDICINAL PLANTS CULTIVATION, COSMETICS, NATURAL PRODUCTS, JATROPHA

- Handbook on Unani Medicines with Formulae, Processes, Uses and Analysis (2nd Revised Edition) 1695/- 150
- Handbook on Herbal Drugs And Its Plant Sources..... 1000/- 100
- Herbal Foods And Its Medicinal Values 1275/- 125
- Herbal Cosmetics & Ayurvedic Medicines (Eou) (3rd Rev. Edn.).. 1475/- 150
- Handbook on Ayurvedic Medicines with Formulae, rocesses & Their Uses (2nd Rev. Edn.)..... 1475/- 150
- Herbal Cosmetics Handbook (3rd Revised Edition)..... 1875/- 150
- The Complete Technology Book on Herbal Beauty Products with Formulations and Processes 1695/- 150
- Modern Technology of Cosmetics 1100/- 100
- Handbook of Herbal Products (Medicines, Cosmetics, Toiletries, Perfumes) 2 Vols. 1500/- 220
- Herbs Cultivation & Medicinal Uses..... 975/- 100
- Herbs Cultivation & Their Utilization..... 800/- 100
- Medicinal Plants Cultivation & Their Uses..... 975/- 100
- Compendium of Medicinal Plants..... 875/- 100
- Compendium of Herbal Plants..... 975/- 100
- Cultivation And Processing of Selected Medicinal Plants..... 1175/- 125
- Aromatic Plants Cultivation, Processing and Uses 975/- 100
- Cultivation and Utilization of Aromatic Plants..... 1100/- 125
- The Complete Book on Jatropha (Bio-Diesel) with Ashwagandha, Stevia, Brahmi & Jatamansi Herbs (Cultivation, Processing & Uses) 1500/- 150
- Handbook on Medicinal Herbs With Uses..... 1075/- 125
- Aloe Vera Handbook Cultivation, Research Findings, Products, Formulations, Extraction & Processing 1275/- 125
- Handbook on Herbs Cultivation & Processing 875/- 100
- Handbook of Neem & Allied Products 975/- 100
- Handbook on Herbal Medicines..... 750/- 100
- Handbook on Cosmetics (Processes, Formulae with Testing Methods)..... 1675/- 150
- Handbook on Drugs from Natural Sources 1175/- 125

ESSENTIAL OILS, AROMATIC CHEMICALS, PERFUMES, FLAVOURS, FOOD COLOURS

- The Complete Technology Book of Essential Oils (Aromatic Chemicals (Reprint 2011)..... 1275/- 125
- Essential Oil Hand Book..... 975/- 100
- The Complete Technology Book on Herbal Perfumes & Cosmetics (2nd Rev Edn.)..... 1275/- 125
- Modern Technology of Perfumes, Flavours and Essential Oils 2nd Edn. 975/- 100
- Food Colours, Flavours And Additives Technology Handbook 1000/- 100
- Food Flavours Technology Handbook..... 1075/- 125
- The Complete Technology Book on Flavours, Fragrances and Perfumes..... 1675/- 150
- Perfumes and Flavours Technology Handbook with Manufacturing Formulations, Process, Machinery Equipment Details & Factory Layout..... 1995/- 200
- Handbook on Perfume, Deodorant, Air Freshener, Body Spray, Fragrances, Flavours and Essential Oil Industry with Manufacturing Formulations, Process, Machinery Equipment Details & Factory Layout..... 1775/- 150

NAME OF BOOKS | ₹ / US$

SOAPS, DETERGENTS, ACID SLURRY, TOILETRIES & DISINFECTANTS

- Modern Technology of Soaps, Detergents & Toiletries (With Formulae & Project Profiles) (4th Rev. Edn.)..... 1275/- 125
- Herbal Soaps & Detergents Handbook..... 1275/- 125
- Handbook on Soaps, Detergents & Acid Slurry (3rd Rev. Edn.)... 1575/- 150
- The Complete Technology Book on Detergents (2nd Rev. Edn.).. 1100/- 125
- The Complete Technology Book on Soaps (2nd Revised Edn.).... 1425/- 150
- Surfactants, Disinfectants, Cleaners, Toiletries, Personal Care Products Manufacturing and Formulations (Phenyl, Naphthalene Ball, Mosquito Coil, Floor Cleaner, Glass Cleaner, Toilet Cleaner, Utensil Cleaning Bar, Liquid Detergent, Detergent Powder, Detergent Soap, Liquid Soap, Handwash, Hand Sanitizer, Herbal Shampoo, Henna Based Hair Dye, Herbal Cream, Shaving Cream, Air Freshener, Shoe Polish, Tooth Paste) 3rd Revised Edition 1895/- 200
- Soaps, Detergents and Disinfectants Technology Handbook (Washing Soap, Laundry Soap, Handmade Soap, Detergent Soap, Liquid Soap, Hand Wash, Liquid Detergent, Detergent Powder, Bar, Phenyl, Floor Cleaner, Toilet Cleaner, Mosquito Coils, Naphthalene Balls, Air Freshener, Hand Sanitizer and Aerosols Insecticide) (3rd Revised Edition)..... 1595/- 150

GLASS, CERAMICS, COAL, LIGNIN & MINERALS

- The Complete Book on Glass & Ceramics Technology (2nd Revised Edition)..... 1495/- 150
- The Complete Book on Glass Technology..... 1625/- 150
- The Complete Technology Book on Minerals & Mineral Processing..... 2200/- 200
- Handbook on Rare Earth Metals and Alloys (Properties, Extraction, Preparation and Applications)..... 1875/- 150
- Hand book on Coal, Coke, Cotton, Lignin, Hemicellulose, Wood, Wood-Polymer Composites, Lignocellulosic-Plastic Composites from Recycled Materials, Wood Fiber, Rosin and Rosin Derivatives 1875/- 150

ALUMINIUM, STEEL, FERROUS, NON-FERROUS METALS WITH CASTING AND FORGING, FERROALLOYS & AUTOMOBILE COMPONENTS

- The Complete Technology Book on Hot Rolling of Steel 1575/- 150
- Steel Rolling Technology Handbook (2nd Revised Edition) 1775/- 150
- The Complete Book on Ferrous, Non-Ferrous Metals with Casting and Forging Technology..... 1575/- 150
- The Complete Technology Book on Aluminium and Aluminium Products 1450/- 150
- The Complete Technology Book on Steel and Steel Products (Fasteners, Seamless Tubes, Casting, Rolling of flat Products & others)..... 1625/- 150
- The Complete Book on Ferroalloys (Ferro Manganese, Ferro Molybdenum, Ferro Niobium, Ferro Boron, Ferro Titanium, Ferro Tungsten, Ferro Silicon, Ferro Nickel,Ferro Chrome)..... 2775/- 250
- Steel and Iron Handbook..... 1775/- 150
- Handbook on Steel Bars, Wires, Tubes, Pipes, S.S. Sheets Production with Ferrous Metal Casting & Processing..... 1775/- 150
- The Complete Book on Production of Automobile Components & Allied Products (Engine Parts, Piston, Pin, Piston Ring, Valve, Control Cable, Engine Mounting, Auto Lock, Disc Brake, Drum, Gear, Leaf Spring, Shock Absorber, Silencer, Chain, Cylinder Block, Chassis, Battery, Tyre & Flaps) 2275/- 200
- Handbook on Automobile & Allied Products (2nd Rev. Edn.) # 1495/- 150

FORMULARY (FORMULATION) BOOKS

- Selected Formulary Book on Cosmetics, Drugs, Cleaners, Soaps and Detergents (2nd Revised Edition) 1475/- 150
- Selected Formulary Book on Inks, Paints, Lacquers, Varnishes and Enamels 1475/- 150
- Selected Formulary Handbook..... 1475/- 150
- Selected Formulary Book on Petroleum, Lubricants, Fats, Polishes, Glass, Ceramics, Nitrogenous Fertilizers, Emulsions, Leather and Insecticides 2275/- 200

CONSTURCTION MATERIALS, CEMENT, BRICKS, ASBESTOS

- The Complete Book on Construction Materials..... 1475/- 150
- The Complete Technology Book on Bricks, Cement and Asbestos ... 1400/- 150
- The Complete Technology Book on Asbestos, Cement, Ceramics and Limestone..... 1875/- 150
- Handbook on Gypsum and Gypsum based Products (Mining, Processing, Transportation, Handling & Storage, Gypsum Board, Plaster of Paris with Machinery & Equipment Details) 2275/- 200

PROCESS TECHNOLOGY BOOKS

EMULSIFIERS AND OLEORESINS

- The Complete Book on Emulsifiers with Uses, Formulae and Processes. (2nd Rev. Edn.) 1400/- 150
- Handbook on Oleoresin and Pine Chemicals (Rosin, Terpene, Derivaties, Tall Oil ,Resin & Dimer Acids..... 2200/- 200

COLD STORAGE, COLD CHAIN & WAREHOUSE

- The Complete Book on Cold Storage, Cold Chain & Warehouse (with Controlled Atmosphere Storage & Rural Godowns) 5th Revised Edition..... 1650/- 150

BATTERY ASSEMBLING AND RECYCLING

- Handbook on Production, Recycling of Lithium Ion and Lead-Acid Batteries (with Manufacturing Process, Machinery Equipment Details & Plant Layout) 2995/- 250

RENEWABLE ENERGY AND SOLAR PRODUCTS

- Solar PV Power and Solar Products Handbook (Solar Energy, Solar Lighting, Solar Power Plant, Solar Panel Solar Pump, Solar Photovoltaic Cell, Solar Inverter, Solar Thermal Power Plant, Solar Farm, Solar Cell Modules with Manufacturing Process, Equipment Details, Plant Layout & Process Flow Chart) 2275/- 200

ELECTRIC VEHICLES MANUFACTURING, E- CAR, ELECTRIC BICYCLE, E- SCOOTER, E-MOTORCYCLE, ELECTRIC RICKSHAW, E- BUS, ELECTRIC TRUCK, E MOBILITY, EV INDUSTRY, AUTOMOBILE, LIGHT ELECTRIC VEHICLES, ELECTRIC VEHICLE INDUSTRY

- Handbook on Electric Vehicles Manufacturing (E- Car, Electric Bicycle, E- Scooter, E-Motorcycle, Electric Rickshaw, E- Bus, Electric Truck with Assembly Process Machinery Equipments & Layout)..... 3695/- 250

ELECTRICAL CABLE, WIRE AND WIRE PRODUCTS

- Manufacture of Electrical Cables, Wire and Wire Products Handbook (Copper Wire, Barbed Wire, Spring, Wire Nail, Wire Mesh, Fiber-Optic Cable, PVC Wire and Cable, Aluminum Wire, Steel Wire Rope, Galvanised Wire, Coaxial Cable, Litang Cable LAN/Ethernet Cable, Power Cord Cable, Submersible Cable, XLPE Cable with Machinery Equipment Details & Factory Layout)..... 2575/- 225

NIIR PROJECT CONSULTANCY SERVICES

AN ISO 9001:2015 CERTIFIED COMPANY

106 E, Kamla Nagar, Delhi–110 007 (India).

Tel. : 91-11- 23843955, 23845886, 23845654

Mob.: + 91-9097075054, 8800733955, Fax : 91-11-23845886

Website : www.niir.org www.entrepreneurindia.co

E-mail : info@niir.org , npcs.india@gmail.com

SELECTED BUSINESS IDEAS FOR RIGHT INVESTMENT

EACH DETAILED PROJECT REPORT (BUSINESS PLAN) CONTAINS

BEGINNING : Project Introduction, Brief History of the Product, Properties, BIS (Bureau of Indian Standard) Specifications & Requirements, Uses & Applications.

MARKET SURVEY : Present Market Position, Expected Future Demand, Statistics of Imports & Exports, Export Prospect, Names and Addresses of Existing Units (Present Manufactures).

PLANT & MACHINERY : List of Plant & Machineries, Miscellaneous Items and Accessories, Instruments, Laboratory Equipments and Accessories, Plant Location, Electrification, Electric Load and Water, Maintenance, Suppliers/Manufacturers of Plant and Machineries.

RAW MATERIAL : List of Raw Materials, Properties of Raw Materials, Availability of Raw Materials, Required Quality of Raw Materials, Cost/Rates of Raw Materials.

MANUFACTURING TECHNIQUES : Formulae DetailedProcess of Manufacture, Flow Sheet Diagram.

PERSONNEL REQUIREMENTS : Requirement of Staff & Labour, Personnel Management, Skilled & Unskilled Labour.

LAND & BUILDING : Requirement of Land Area, Rates of the Land, Built up Area, Construction Schedule, Plant Layout.

FINANCIAL ASPECTS : Cost of Raw Materials, Cost of Land & Building, Cost of Plant & Machineries, Fixed Capital Investment, Working Capital, Project Cost, Capital Formation, Cost of Production, Profitability Analysis, Break Even Point, Cash Flow Statement for 5 to 10 Years, Depreciation Chart, Conclusion, Projected Balance Sheet, Land Man Ratio.

- Prepared by highly qualified and experienced consultants and Market Research and Analyst Supported by a panel of experts and computerised data bank.
- Data provided are reliable and upto date collected from suppliers/ manufacturers, plant already commissioned in India.
- NPCS Reports are very economical and immediately available on demand where as commissioned Feasibility Studies are time consuming and costly.

FOR ASSESSING MARKET POTENTIAL, INVESTMENT DECISION MAKING CORPORATE DIVERSIFICATION PLANNING ETC.

NPCS Engineers and Consultants have prepared Market Survey Cum Detailed Techno Economic Feasibility Report on the following products which are most viable and profitable.

Market Survey Cum Detailed Techno Economic Feasibility Report on all above Businesses are Available. Contact :

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Mob.: +91-9097075054, 8800733955 Fax : 91-11-23845886

Website : www.niir.org www.entrepreneurindia.co E-mail : info@niir.org , npcs.india@gmail.com

SELECTED BUSINESS IDEAS FOR RIGHT INVESTMENT

Citrus Fruits Processing and Value Added Products, Orange, Grapefruit, Lemon, Lime, Kinnow, Sweet Oranges, Pineapple

» Contract Farming of Fruits, Citrus Fruits (Orange, Tangerine) Pineapple, Papaya, Watermelon, Passion and Mango
» Dehydration of Lime Fruit, Dried Lemon, Dry Lemon and Dehydrated Fruit
» Dry Lemon Powder and Lemon Oil
» Fruit Juice (Mango, Orange & Litchi) & Sugarcane Juice in Aseptic Packaging & Pet Bottles

» Fruit Juice in Aseptic Packaging
» Fruit Processing (Mango, Lychee, Pineapple, Orange & Pomelo for Concentrates, Juice in Cans)
» Orange Juice Plant with Cold Storage Facility and Captive Power Plant
» Pectin from Citrus, Lemon, Orange Peels & Apple Pomace
» Powder Dehydrated Beetroot Powder, Dehydrated Carrot Powder

» Pulpy Fruit Drinks (Fruit Juice with Fruit Pulp)
» Soft Drinks (Cola, Orange, Lemon, Mango Pulp, Ginger, Clear Lemon 7up Type)
» Spray Dried Fruit and Vegetables Juice Powder Vegetables and Fruit Juice Powder (Spray Dried Pineapple Juice Powder, Spray Dried Orange Juice Powder, Dehydrated Beetroot Powder, Dehydrated Carrot Powder)

Coal and Coal by Products, Coal Tar, Coal & Coke, Fossil Fuel, Charcoal, Carbon Black, Coal Washing, Coal Mining

» Activated Charcoal from Wood
» Bitumen Emulsion
» Charcoal from Bagasse
» Charcoal from Coconut Shell

» Charcoal Powder from Rice Husk
» Coal Mining
» Coal Tar Pitch
» Coal Washery Unit

» Coconut Shell Charcoal
» Low Ash Metallurgical Coke Plant
» Vacuum Distillation of Crude Coal Tar Specifically Creosote Oil

Construction & Building Materials

» AAC Blocks Autoclaved Aerated Concrete Blocks) Fly Ash Based Cement Plant
» AAC Blocks from Silica Sand & Lime Stone Powder
» Admixtures for Concrete
» Admixtures Plant (Water Retarding Admixtures for Concrete)
» Aluminium Angles, Channels, Doors & Windows
» Aluminium Extrusion
» Artificial Granite Tiles
» Artificial Marble Tiles
» Artificial Sand from Stones and Waste Metals
» Asbestos Cement Corrugated Sheet
» Asphaltic Roofing Sheet
» Autoclaved Aerated Concrete Blocks (AAC Blocks)
» Bricks from Fly Ash
» Bricks from Fume Dust
» Calcium Silicate Insulation Board
» Cement from Rice Husk
» Cement Grinding Unit
» Cement Plant
» Cement Roofing Tiles
» Cement Water Proofing Compound
» Ceramic Glazed Wall Tiles
» Ceramic Wall and Floor Tiles

» Clay and Sand Bricks Plant (Light Weight)
» CLC Blocks (Cellular Light Weight Concrete Blocks) with Steam Curing Method
» Clinker Grinding For Cement
» Concrete Admixtures (Additives)
» Concrete Block & Ready Mix Concrete
» Crushed Stone
» Epoxy Coated TMT Bars
» ERW Pipes (Black)
» Fiberglass Doors (Surrounded Wood and Inside Filled Polyurethane Foam by Injection)
» Fiberglass Wool Ceiling Tiles
» Fire Clay Bricks
» Floor Polishing Stone
» Fly Ash Bricks by Triboelectric Beneficiation Process
» Fly Ash Bricks from Limestone
» Geotextiles for Roadways
» Glazed Wall and Floor Tiles
» Granite (Marble) Polishing Batti (Bar)
» Granite Marble Cutting and Polishing Unit
» Granite Tiles, Slab and Monuments
» Gypsum (Hydrated Calcium Sulfate) Plaster Board
» Gypsum Mining for Production of Plaster of Paris Powder

» Gypsum Plaster Board (Wall and Top Ceiling)
» Gypsum Powder, Gypsum Board and PVC Laminated Gypsum Ceiling Tiles
» Hollow Blocks & Paving Tiles
» Integrated Steel Plant -TMT Bars
» Integrated Unit RMC with Stone Crusher
» Marble and Onyx
» Marble Granite Cutting & Polishing Unit
» Mini Cement Plant
» Mini Steel Plant (Steel Long Products TMT Bars, Flats, Angles, Channel & Girder)
» MS Binding Wires
» MS Hinges (Building Hardware)
» Non Glazed Ceramic Tiles
» Particle Board (Wood Base)
» Particle Board from Wheat/Rice Straw
» Plaster of Paris
» Plaster of Paris Board from Process of H-Acid Gypsum Waste
» Plaster of Paris Emulsion
» Plywood and Plyboard
» Polymer Modified Cementitious Tile Adhesives
» Portland Cement
» Pre Laminated Particle Board
» Precast Concrete Compound Wall

Market Survey Cum Detailed Techno Economic Feasibility Report on all above Businesses are Available. Contact :

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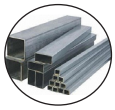
SELECTED BUSINESS IDEAS FOR RIGHT INVESTMENT

- Pre-Painted Coloured Galvanized Roofing Steel Sheet (Plain & Corrugated)
- PVC Membrane for Waterproofing
- PVC Solvent Cement
- PVC Wires and Cables
- Quartz Slabs
- Ramming Mass and Fire Bricks from Magnesite
- Ready Mix Concrete (RMC)
- Ready Mix Concrete with Concrete Blocks
- Rock Sand

- Sand Lime Bricks
- Sanitary Ware Products (Wash Basin and Bathroom Closets)
- Steel Bars (Saria) Size 6 mm to 32 mm
- Steel Hinges & Tower Bolts
- TMT (Thermo Mechanically Treated) Steel Bars, Angles and Pipes Manufacturing Business
- TMT Bars, Angles & Pipes
- UPVC Profiles for Doors and Windows
- Vitrified Floor Tiles



- Wall Putty
- Water Based Cement Primer
- Water Proofing Liquid and Powder (Concrete and Mortar Admixture)
- White Cement
- Wire Nail
- Wood Plastic Composite (WPC)
- WPC Board
- WPC Board-Best Alternate of Wood and Plywood
- WPC Profile for Building Materials like Door and Window Frame and Shutters

Coconut and Coconut Value Added Products, Coconut Oil, Coir Fibre, Pith, Mattresses, Desiccated Coconut (DC), Coconut Cream, Coconut Milk, Spray Dried Coconut Milk Powder, Coconut Shell Products, Shell Charcoal, Shell Powder, Activated Carbon from Coconut Shell, Virgin Coconut Oil (VCO), Coconut Processing Unit

- Activated Carbon from Coconut Shell
- Activated Carbon from Rice Husk, Saw Dust & Coconut Shell
- Coconut and Cashew Feni
- Coconut Based Hair Oil
- Coconut Oil from Copra
- Coconut Plantation

- Coconut Processing Unit (Complex)
- Coconut Squash Jam & Cream
- Coconut Water
- Coir Handicraft
- Coir Industry
- Copra Oil Manufacturing Industry
- Desiccated Coconut Powder

- Drying of Coconut
- Filteration and Airtight Packing of Coconut Oil
- Integrated Coconut Processing Unit
- Light & Fragrant Hair Oil with Coconut Oil & Mineral Oil
- Virgin Coconut Oil

Cold Chain, Temperature Controlled Supply Chain

- Agriculture Storage and Warehousing with Cold Storage
- Cold Chain
- Cold Chain Logistics

- Cold Chain Logistics in India (Cold Storage and Reefers)
- Cold Storage
- Controlled Atmosphere Cold Storage
- Warehouse

Cold Storage, Controlled Atmosphere Storage, Multipurpose, Multi commodity Cold Storage, Food, Vegetables & Fruits Storage, Refrigerated Warehousing, Cold Chain, Industrial Cold Rooms, Warehouse & Rural Godowns for Short Term and Long Term Storage

- Agriculture Storage and Warehousing with Cold Storage
- Cold Storage
- Cold Storage (Shrimp & Agricultural Products)
- Cold Storage for Fruits & Vegetables

- Cold Storage for Potatoes & Mahua
- Cold Storage with Ice Plant
- Controlled Atmosphere Cold Storage
- Integrated Unit Cold Storage with Food Processing

- Mango Pulp with Cold Storage
- Potato Powder, Flakes & Granules with Cold Storage
- Warehouse

Market Survey Cum Detailed Techno Economic Feasibility Report on all above Businesses are Available. Contact :

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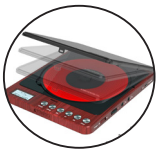
SELECTED BUSINESS IDEAS FOR RIGHT INVESTMENT

Computer Products and Information Technology (IT) Based

- CD Players
- Composite Cans from Paper Tube
- Computer Assembling Unit
- Computer Keyboard
- Computer Software



- Computer Stationery
- Cyber Cafe (Internet Browsing Centre)
- Digital Cinema Projector Equipment and Software Development
- E-Commerce

- Information Technology (IT) Park
- Information Technology (IT) Training Centre
- Laptop, Computers
- Nylon Coating on Zinc Wire (Wire "O" Wire)
- Recycling of Waste Computer
- UPS and Invertors

Construction Chemicals

- Admixtures Plant (Water Retarding Admixtures for Concrete)
- Asphalt Additives
- Bituminous Felts for Water Proofing and Damp Proofing
- Concrete Admixtures (Additives)
- Flame Retardants
- Flooring Chemicals
- Fusion Bonded Epoxy Coating (FBE) on TMT Bars
- Geotextiles for Road Construction
- Geotextiles for Roadways

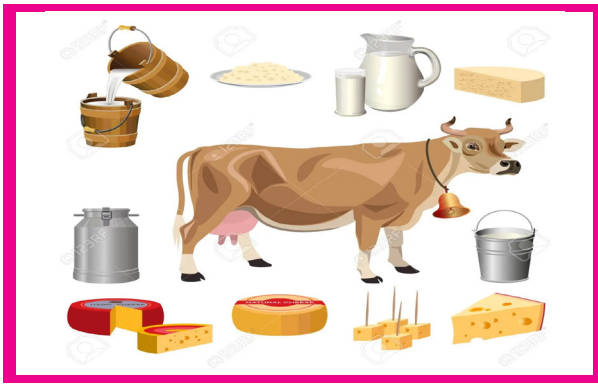
- Gypsum (Hydrated Calcium Sulfate) Plaster Board
- Polymer Modified Cementitious Tile Adhesives
- Ready Mix Concrete (RMC)
- Sealants & Adhesives
- Shrinkage Reducing Agents
- TMT Bars

Copper and Copper Products

- Brass and Copper Tube
- Continuous Copper Rod (CCR) from Copper Scraps
- Copper Cathode Production from Copper Scrap
- Copper Flats and Copper Tubes
- Copper Foil
- Copper Ingot Copper Ash from Copper Ore

- Copper Melting and Copper Ingot Rolling with Copper Wire Drawing
- Copper Powder
- Copper Powder by Electrolytic Process
- Copper Rod Casting, Wire Drawing and Enamelling
- Copper Strip Coils from Scraps
- Copper Sulphate

- Copper Sulphate from Copper Scrap, Copper Ash, Industrial Waste Containing Copper Content
- Copper Sulphate from Metallic Scrap Copper
- Copper Wire Drawing (From Higher Size to Very Thin Size used in Electrical Cables)
- Enameled Copper Wire
- Inner Grooved Copper Tube
- Power Cable



Cow Products, Cow Milk, Cow Dung, Panchagavya & Cow Urine Based Products

- Biogas Power Plant from Cow Dung
- Bricks from Cow Dung
- Cattle Breeding and Dairy Farm to Produce Milk
- Cattle Farming (500 Cows)
- Cow and Buffalo Milk Uht Plant
- Cow Urine (Gomutra) Processing and Packing

- Cow Urine Distillate Concentrate. Gau Mutra Ark (Kamdhenu Ark)
- Dairy Agro Farming (Cow, Goat & Broiler Farm)
- Dairy Farming
- Dairy Farming & Dairy Products (Pasteurised Milk & Curd)
- Dairy Farming (500 Cows)

- Dairy Farming (Cow)
- Dairy Farming and Dairy Products (Pasteurised Milk, Butter, Ghee, Paneer and Butter Milk)
- Dairy Farming with Power Plant Based on Dung
- Dairy Farming, Milk Products with Cow Urine Processing and Biogas Plant

Market Survey Cum Detailed Techno Economic Feasibility Report on all above Businesses are Available. Contact :

NIIR PROJECT CONSULTANCY SERVICES

AN ISO 9001:2015 CERTIFIED COMPANY

106 E, Kamla Nagar, Delhi–110 007 (India). Tel. : 91-11- 23843955, 23845886, 23845654
Mob.: +91-9097075054, 8800733955 Fax : 91-11-23845886
Website : www.niir.org www.entrepreneurindia.co E-mail : info@niir.org , npcs.india@gmail.com

SELECTED BUSINESS IDEAS FOR RIGHT INVESTMENT

Cosmetics, Perfumery Compounds, Flavours & Essential Oils, Essential Perfume Oil, Cosmetics Fragrances, Perfumes & Fragrances, Aromatic Oils, Chemicals, Attar, Essences, Toiletries, Nail Polish, Hair Care, Personal Care, Skin Care, Makeup, Beauty Products

- Aerosol Spray [Rose Flavour Tube, Night Queen, Jasmin]
- Amla (Indian Gooseberry) Hair Oil Based on Vegetable Oil
- Aromatic Herbal Shampoo
- Aromatic Perfumery Compound
- Bindiya (Shilpa Type)
- Bleach Liquor
- Cosmetics Perfume Gel, Nail Polish Remover Liquid, Hair Gel, Face Wash Gel, Face Cream, Talcum Powder, After Shave Lotion Liquid, Shaving Cream Gel and Hand Wash Gel
- Cotton Buds
- Cresols
- Essential Oil from Flowers (Rose Oil)
- Essential Oil from Lily, Mogra, Nishigandha
- Extraction of Essential Oil and Packing of Ground Spices
- Extraction of Neem Oil
- Fractional Distillation Unit (For Lemongrass, Palmarosa and Citronella)
- Ginger (Dry, Powder, Flakes, Oil) & Garlic (Powder, Flakes, Oil) Ginger Oil (Super Critical Co2 Process)
- Hair Dye Henna Based (Black, Burgundy, Chasetnut & Special Brown Colours)
- Herbal Body Care Beauty Products (Herbal Body Wash, Shampoo, Hair Conditioners, Soaps, Lotions and Scrubs)
- Herbal Cosmetics (Shampoo, Conditioner, Face Wash, Body Wash, Massage Oil, Hair Oil, Face Cream, Massage Cream, Lip Balm)
- Herbal Hair Oil (Banphool Type)
- Light & Fragrant Hair Oil with Coconut Oil & Mineral Oil
- Menthol Crystals
- Perfumery Chemicals (Synthetic & Natural)
- Perfumery Compounds (Fragrance Oil)
- Petroleum Jelly
- Plastic Collapsible Tubes for Tooth Paste, Cream, Gel, Cosmetics & Pharmaceutical
- Resin for Nail Polish (Polycondensation Resin (Polyester, Alkyds), Epoxy Tosylamide Resin, Solvent Based Acrylic Resin)
- Shampoo & Creams
- Shaving Cream
- Shoe Polish
- Sindur Roli Bindi & Gulal
- Sorbitol
- Steel Safety Pins
- Talc Manufacture from Talc Ore (Cosmetic Grade)
- Talcum and Compact Face Powder
- Toothpaste
- Xanthan Gum (Food and Oil Drilling Grade)

Start Investing in Fastest Growing Industries

Start
Automated Vehicle Scrapping and Recycling Unit Business

Vehicles that are no longer roadworthy are scrapped, deconstructed, crushed, and recycled with the help of automated scrapping and recycling machinery. They're frequently made to order by bespoke manufacturers and rented out to companies who don't have the capacity to develop their own.

The deconstruction of automobiles for spare parts is known as vehicle recycling. Vehicles have value as a source of replacement components as they reach the end of their useful lives, which has given rise to the car dismantling industry. Commercial outlets in the business are often referred to as "wrecking yards," "auto dismantling yards," "vehicle replacement parts providers," and, more recently, "auto or vehicle recycling."

India, being the world's third-largest steel production, has tremendous auto-recycling potential. Auto recycling in India can give a host of benefits to the country, ranging from a boost to the automotive sector to fuel savings and employment development, due to the fact that it is largely unorganized. The recycling industry is betting big on the government's efforts. Based on 25% (7 million vehicles) of all automobiles that could be discarded, it is anticipated to generate business worth USD 2.9 billion (approximately INR 190 billion) at first. These figures are expected to climb in the coming years.

PROJECT COST ESTIMATE

CAPACITY

Spare Parts	:	375 Units Per Day
Waste Oil	:	450 Units Per Day
Waste Tyre	:	2250 Units Per Day
Engines	:	50 Units Per Day
Steel Scrap	:	60000 Units Per Day
Rubber Scrap	:	200 Units Per Day
Alloy Wheel	:	250 Units Per Day
Battery	:	1,500 Units Per Day
Plant & Machinery	:	₹ 10 Cr
Cost of Project	:	₹ 51 Cr
Rate of Return	:	32%

Manufacturing Business of
IV Fluids (BFS Technology)

Intravenous fluids are fluids that are given to a patient intravenously (via the veins) or directly through the circulatory system. To prevent patients from damage, these fluids must be sterile, and there are various options. Many companies manufacture pre-packaged intravenous fluids and other things that can be added with sterile water to form an intravenous solution.

PROJECT COST ESTIMATE

CAPACITY

IV Fluids (500 ml Size Pack)	:	78,000 Packs Per Day
Plant & Machinery	:	₹ 576 Lakhs
Cost of Project	:	₹ 1190 Lakhs
Rate of Return	:	27%
Break Even Point	:	50%

Two types of intravenous fluids are available. Crystalloids contain a solution of water-soluble molecules, such as saline solutions. Colloids are formed composed of particles that aren't soluble in water and produce a high osmotic pressure, which draws fluid into blood vessels.

In 2015, the global intravenous (IV) solutions market was worth USD 6.9 billion, and it is expected to increase at a CAGR of 7.8% over the next five years. The rise of this market can be ascribed to the rapidly rising geriatric population as well as the high frequency of malnutrition among the elderly and children.

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