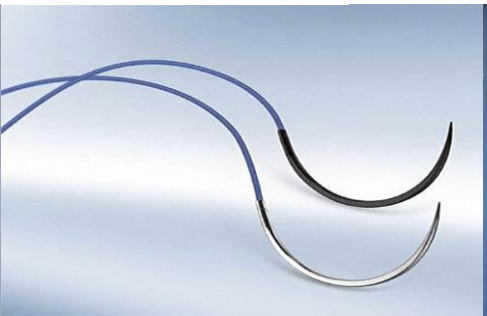


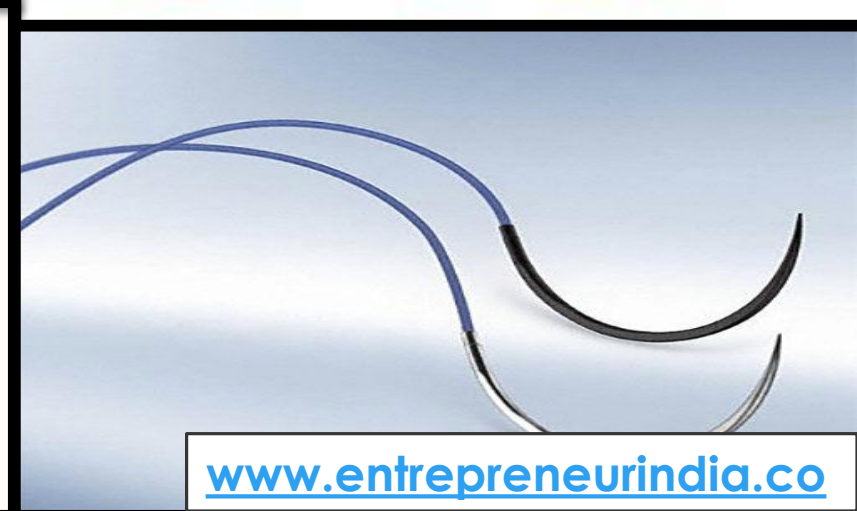


# List of Profitable Manufacturing Business Ideas,

**Projects on Surgical, Medical Plastics,  
Medical Disposables,**

**Disposable Medical Products used in  
Hospitals**





## **Introduction**

**Medical Plastics Market is the critical component for the advancing medical devices industry. Since past decade, the market has experienced a rapid upsurge in terms of technological advancements, increasing automation, and integrating the entire value chain of the industry. Rising urbanization, increasing awareness regarding the disposable devices has catalyzed the growth of medical plastics market.**

**Increasing aging population has incredibly improved the demand for medical devices and hence can be attributed as the major drivers for global medical plastics market.**

**Increasing the demand for more medical technologies, increasing number of manufacturing industries and application sectors under this market have together proved to be the key factors of growth in this market.**



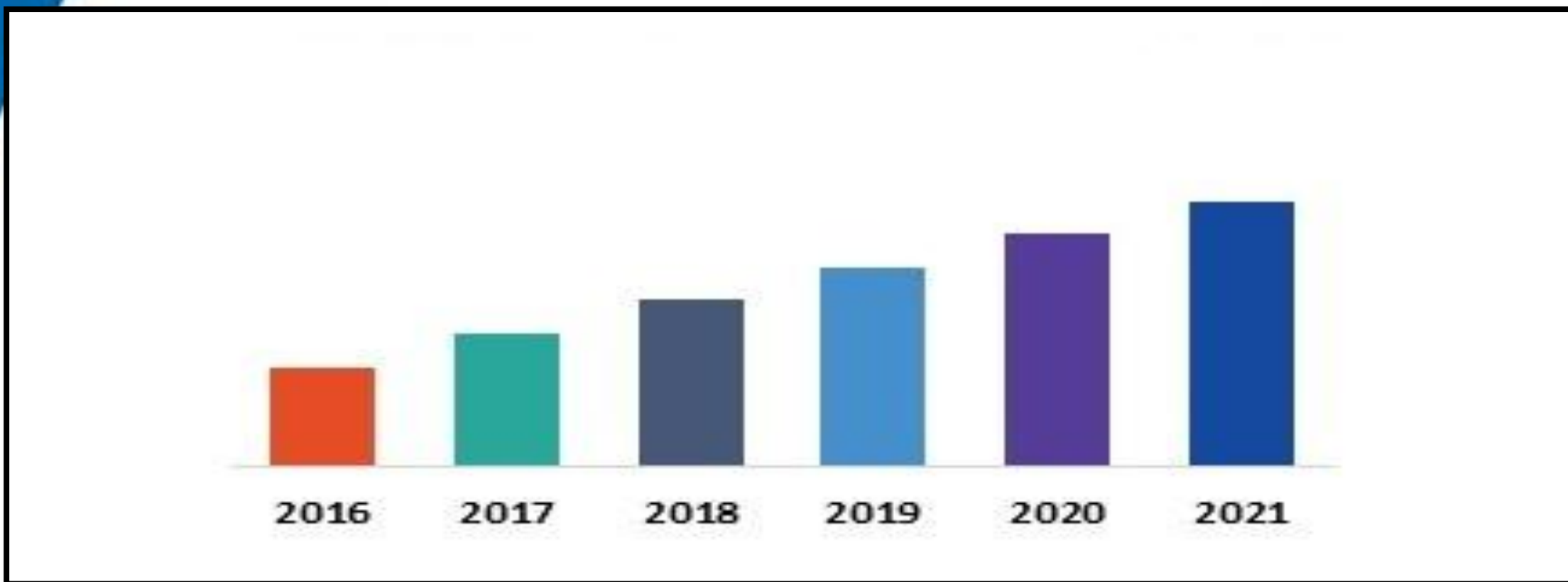
**Mergers & acquisitions along with geographic expansions are being adopted by companies many companies across the industry. Number of patents being filed for medical devices & applications by market players, have also seen an upsurge during the last decade.**

**The medical device industry is driven by global population growth, increased access for consumers to healthcare services—especially in developing economies—and growing replacement of metal parts in surgical components, according to the report. In addition, the development of advanced materials with improved strength and performance will push the market forward.**



**The medical plastics market can be divided into by type of plastics used, by application they are catered to and by geography. Based on the commercially available types the market is classified as thermoplastics and engineering plastics. Engineering plastics is the fastest growing segment and is estimated to see an increase in the near future. The demand of this segment is mainly driven due to its better thermal characteristics than the more broadly used thermoplastics. Engineering plastics also have their own set of unique properties which make them adaptable for many applications. Thus, the application of engineering plastic is extensive and is growing at a very fast pace.**

***Medical Plastic Market Revenue, 2016-2021 (\$ Million)***





**The medical plastics market is projected to grow from USD 13.85 Billion in 2016 to USD 21.06 Billion by 2022, at a CAGR of 7.3% during the forecast period.**

**The industry is driven by the global population growth, increasing access to the consumers towards healthcare services, primarily in the developing economies, and growing substitution of the metal parts in surgical components. In addition, development of advanced materials with improved strength and performance is expected to benefit the market growth**

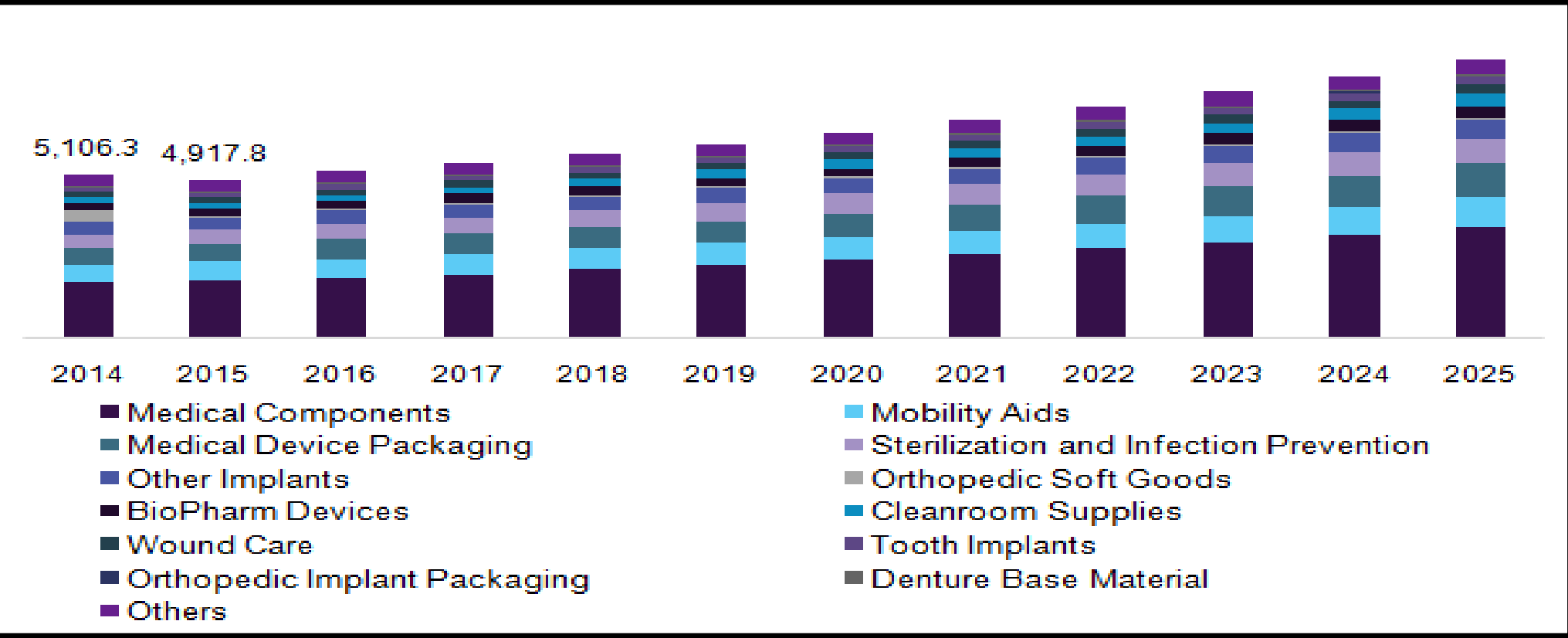
**The industry is characterized by extensive regulations enforced regarding the performance of the products in medical devices. In addition, the industry is expected to be affected by the rejection of Polyvinyl chloride due to concerns regarding the effects the product usage on human health.**

**Increasing demand for medical grade plastics owing to superior properties such as overall device weight reduction coupled with the development of premium grade plastics is expected to drive the market growth over the forecast period.**

**The global population has exhibited a sustained growth over the past few years leading to an increasing demand for healthcare devices over the forecast period. The resultant growth of the industry envisages the rise in the demand for premium grade plastics for use in medical devices leading to market growth.**



**U.S. Medical Plastics Market Revenue, 2014 - 2025 (USD Million)**





**The global medical plastic market size is expected to reach USD 33.6 billion by 2025. For the last few years, the disposable market has been growing continuously and trends predict strong growth for the near future. Products with enhanced performance, infection prevention and efficacy are fuelling the demand of medical disposables globally. Demand for disposable devices is increasing in emerging economies, as these countries are modernizing their healthcare infrastructure. The growing presence of medical facilities in developing countries and growing geriatric population in developed countries are the major growth drivers for the global medical disposables market.**



**The global market for disposable medical products has experienced robust growth over the past two decades, averaging 12.5% per year. The market will be dominated by the United States, China, Japan, Russia, Germany, France, Brazil, India, Italy, and the United Kingdom, who will comprise the 10 largest national markets, combining to absorb over two-thirds of the total value of global demand in 2018. The United States is the largest market for disposable medical devices closely followed by Europe and Asia. The market in developing countries keeps growing, mainly due to economic growth; increased spending by the respective governments on healthcare and the increased purchasing power of the general public.**



Niir Project Consultancy Services (NPCS) can provide Detailed  
Project Report on Required Project

List of Profitable Manufacturing Business Ideas,  
Projects on Surgical, Medical Plastics, Medical  
Disposables,  
Disposable Medical Products used in Hospitals

## *Here are few Projects for Startup:*

### ➤ **INFUSION SET AND BLOOD TRANSFUSION SET**

**Infusion therapy is a type of medical treatment in which medication is delivered directly into the body via a blood vessel, the spinal cord, or a muscle. This type of treatment took place on an inpatient basis, with the patient staying in the hospital and being monitored during the course of the treatment. [Read more](#)**





## ➤ **BLOOD BAGS**

**Blood bag is a disposable bio-medical device used for collection, storage, transportation and transfusion of human blood and blood components. The system consists of a single or multiple bag connecting with tubing, needle, needle cover, clamp etc. [Read more](#)**



## ➤ **DISPOSABLE NEEDLES**

**Disposable needles are widely used by doctors for injection purpose with the help of syringes. With the increase in population in our country, requirement of medicine and injections has increased. For more strength of people more number of needles is required with syringes. [Read more](#)**



## ➤ **SURGICAL BLADE & DISPOSABLE SCALPEL**

**A scalpel is a small but extremely sharp knife used for surgery, anatomical dissection, and various arts and crafts. Scalpels may be disposable or re-usable. Scalpel blades are usually of hardened and tempered steel. Surgical scalpels consist of two parts, a blade and a handle. [Read more](#)**



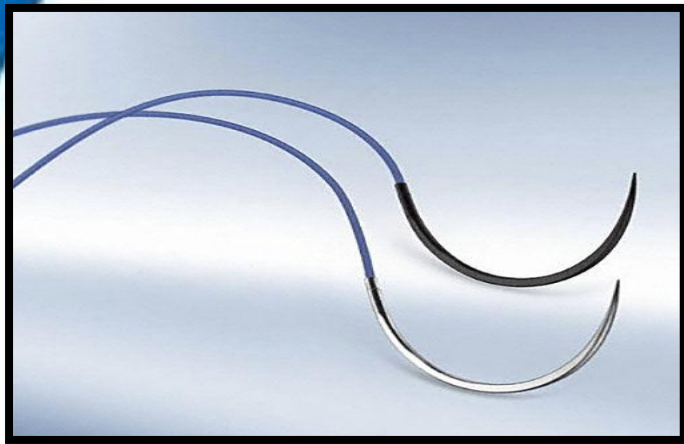
## ➤ **SURGICAL COTTON**

**Surgical cotton is also known as absorbent cotton or cotton wool. It is mainly used for medical purposes in hospitals, nursing homes, dispensaries at home (for first aid) etc. because of its high fluid absorbency. It is better known among masses as absorbent cotton. [Read more](#)**



➤ **IMPLANTABLE SURGICAL SUTURE (BIOMEDICAL TEXTILE)**

**A fibrous protein comprising most of the white fibre in the connective tissue of animals and man, especially in the skin muscles and tendons. The most abundant amino acid in the animal kingdom, it is rich in proline and hydroxyproline collagen is found in connective tissue and also in bones. [Read more](#)**





## ➤ SURGICAL COTTON & BANDAGES (EOU)

Surgical cotton Industry is mainly limited to small and cottage scale units. Bengal chemical & pharmaceutical works Ltd. is the key manufacture of surgical cotton and Bandages. [Read more](#)



## ➤ **BLACK BRAIDED SILK SURGICAL SUTURE**

**There are so many fibers available which has property of non-absorbing among those fibers are nylon, Terelene, Polyester etc. are synthetic fiber and silk is one of the natural fibres which has no side effect on the body and costly items. [Read more](#)**



## ➤ **SURGICAL GLOVES**

**The powder-free and synthetic disposable latex gloves market is anticipated to thrive in the next three to five years due to increased healthcare spending and greater number of people being covered by insurance. The global market for disposable medical gloves generated \$3 billion revenues in 2011. [Read more](#)**



## ➤ **DISPOSABLE PLASTIC SYRINGES**

**Disposable syringes are a great innovation in the field of medical equipment. They are used for intramuscular and intravenous injections and are disposed of immediately after usage. The major advantages of using disposable syringes is that no infection is transmitted since the injection is disposed of immediately after use. [Read more](#)**



## ➤ **SANITARY NAPKINS**

**Sanitary Napkins is one of the item of non-woven textile. It may come under speciality textile group. According to industry observers, India's health care industry is expected to grow around 13 % per annum. The product has very good export potentiality. [Read more](#)**





## ➤ IV CANNULA (INTRAVENOUS CANNULA) AND BUTTERFLY NEEDLES

**A Cannula is a tube that can be inserted into the body, often for the delivery or removal of fluid. An intravenous cannula is a flexible tube which when inserted into the body is used either to withdraw fluid or insert medication. [Read more](#)**



## ➤ **COTTON BALL (HOSPITAL AND COSMETIC USE)**

**A cotton ball is a ball of soft fiber that is primarily used for medical or cosmetic purposes, but can be used for other purposes such as arts and crafts or cleaning. They originate from the cotton plant, which is a shrub that is found in sub-tropical and tropical regions throughout the world. [Read more](#)**





## Tags

Production of Disposable Medical Devices, How to Manufacture Disposable Products, Disposable Medical Production, Medical Devices Production, Producing Disposable Medical Devices, Medical Device Manufacturing, Manufacture of Medical Disposables, Medical Disposable Manufacturing Company, Disposable Medical Products, Medical Device Manufacturing Plant, Medical Disposable and Surgical Disposable, Medical Disposables Industry, Production of Disposable Medical Instruments, Medical Disposables Manufacture, Medical Disposable Manufacturing Unit, Surgical Products Manufacture, Medical Device Manufacturing Industry, Disposable Medical Devices Manufacture, Medical Disposable Products Production, Medical Plastics Manufacture, Medical Plastic Manufacturing Unit, Manufacturing of Medical Plastics, Medical Component Manufacturing Industry, Production of Infusion Set and Blood Transfusion Set, Production of Surgical Sutures Materials (Surgical Gut, Polyglactin, Polyglycolic Acid, Poliglecaprone, Polydioxanone, Nylon, Polypropylene, Polyester), Blood Bags Production Plant, Disposable Needles Manufacturing Business, Production of Surgical Hand Gloves, Surgical Blade & Disposable Scalpel Production Plant,



Surgical Cotton Manufacturing Business, Implantable Surgical Suture (Biomedical Textile) Production, Surgical Cotton & Bandages (EOU) Manufacturing Plant, Black Braided Silk Surgical Suture Production, Surgical Gloves Manufacturing Industry, Production of IV Cannula, Disposable Plastic Syringes Production, Production of Sanitary Napkins, IV Cannula (Intravenous Cannula) and Butterfly Needles Manufacturing Industry, Production Process of Cotton Ball (Hospital and Cosmetic Use), Medical Plastic Manufacturing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Medical Plastic Manufacturing Based Small Scale Industries Projects, Project profile on small scale industries, How to S Surgical Cotton Manufacturing Industry in India, Medical Plastic Manufacturing Projects, New project profile on Medical Plastic Manufacturing industries, Project Report on Medical Plastic Manufacturing Industry, Detailed Project Report on Surgical Cotton Manufacturing, Project Report on Surgical Cotton Manufacturing, Pre-Investment Feasibility Study on Medical Plastic Manufacturing, Techno-Economic feasibility study on IV Cannula (Intravenous Cannula) and Butterfly Needles Manufacturing, Feasibility report on IV Cannula (Intravenous Cannula) and Butterfly Needles Manufacturing, Free Project Profile on Disposable Plastic Syringes Production, Project profile on Disposable Plastic Syringes Production, Download free project profile on Disposable Plastic Syringes Production, Industrial Project Report



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## Major Queries/Questions Answered in Our Report?

- 1. How has the industry performed so far and how will it perform in the coming years?**
- 2. What is the Project Feasibility of the Plant?**
- 3. What are the requirements of Working Capital for setting up the plant?**
- 4. What is the structure of the industry and who are the key/major players?**

- 5. What is the total project cost for setting up the plant?**
- 6. What are the operating costs for setting up the plant?**
- 7. What are the machinery and equipment requirements for setting up the plant?**
- 8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?**
- 9. What are the requirements of raw material for setting up the plant?**



10. **Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?**
11. **What is the Manufacturing Process of the plant?**
12. **What is the total size of land required for setting up the plant?**
13. **What will be the income and expenditures for the plant?**
14. **What are the Projected Balance Sheets of the plant?**

- 15. What are the requirement of utilities and overheads for setting up the plant?**
- 16. What is the Built up Area Requirement and cost for setting up the plant?**
- 17. What are the Personnel (Manpower) Requirements for setting up the plant?**
- 18. What are Statistics of Import & Export for the Industry?**
- 19. What is the time required to break-even?**

- 20. What is the Break-Even Analysis of the plant?**
- 21. What are the Project financials of the plant?**
- 22. What are the Profitability Ratios of the plant?**
- 23. What is the Sensitivity Analysis-Price/Volume of the plant?**
- 24. What are the Projected Pay-Back Period and IRR of the plant?**
- 25. What is the Process Flow Sheet Diagram of the plant?**
- 26. What are the Market Opportunities for setting up the plant?**
- 27. What is the Market Study and Assessment for setting up the plant?**
- 28. What is the Plant Layout for setting up the plant?**



## Reasons for Buying Our Report:

- **The report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **The report provides vital information on the product like it's characteristics and segmentation**
- **The report helps you market and place the product correctly by identifying the target customer group of the product**

- **The report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**



## **Our Approach:**

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**



## **Free Instant Online Project Identification and Selection Service**

**Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites.....[Read more](#)**



## **Download Complete List of Project Reports:**

### **▪ Detailed Project Reports**

**NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.**

**Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.**

**And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:**

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

**The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,**



**Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.**

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**An ISO 9001:2015 Company**



## Who are We?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*



## What do We Offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Business Plan*
- *Market Research Reports*
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- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*



## How are We Different ?

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



# Our Approach

**Requirement collection**

**Thorough analysis of the project**

**Economic feasibility study of the Project**

**Market potential survey/research**

**Report Compilation**



# Contact us

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