







### Plastic Products Manufacturing:

### Profitable Plastic Industries

(Spectacle Frames, P.V.C. Rexine Cloth, Plastic Granules from Scraps/Waste, P.V.C. Hand Gloves, H.D.P.E. Tarpaulins, P.V.C. Bottles, Tooth Brush, H.D.P.E. Films/Sheets, Fibre Reinforced Plastics, Pet Bottles/Containers, Plastic Syringes, Needles, Polyester Resin, Cooler Body, Plastic Cups and Glass)



#### **Introduction**

Plastic has brought immense benefits to the society in a number of ways. A number of industries have been benefitted by plastic. In actuality, plastic has helped aeronautics technology take massive steps forward over the past 50 years, including advancements in satellites, shuttles, aircraft, and missiles. In addition, pharmaceuticals industry, the building and construction, electronics, packaging, and transportation industries have all benefited greatly from plastic.



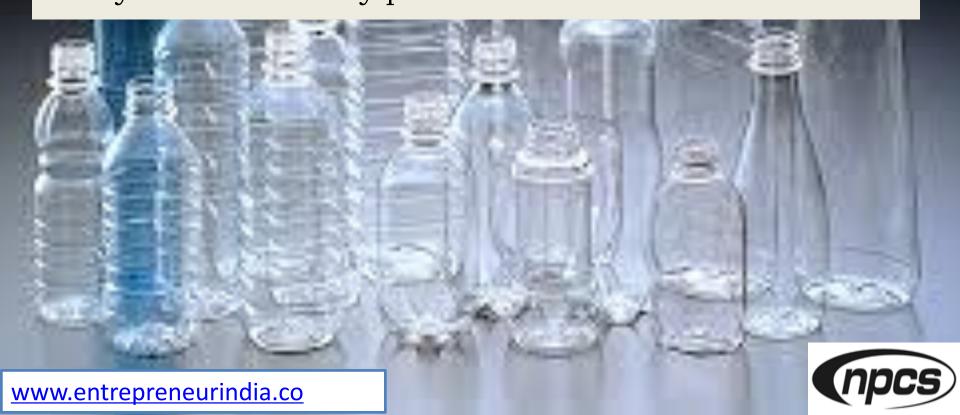
Plastic is superior, light, sturdy and economical to produce. There are numerous benefits of using plastic. It does not decay but it can instead be recycled. Unlike aluminium cans, plastic bottles can be reused and stored for a longer period of time.

The plastics industry manufactures polymer materials commonly called plastics-and offers services in plastics important to a range of industries, including packaging, building and construction, electronics, aerospace, and transportation.

It is part of the chemical industry. In addition, as mineral oil is the major constituent of plastics, it is regarded a part of the petrochemical industry.



Besides plastics production, plastics engineering is an important part of the industrial sector. The latter field is dominated by engineering plastic as raw material because of its better mechanical and thermal properties than the more widely used commodity plastics.

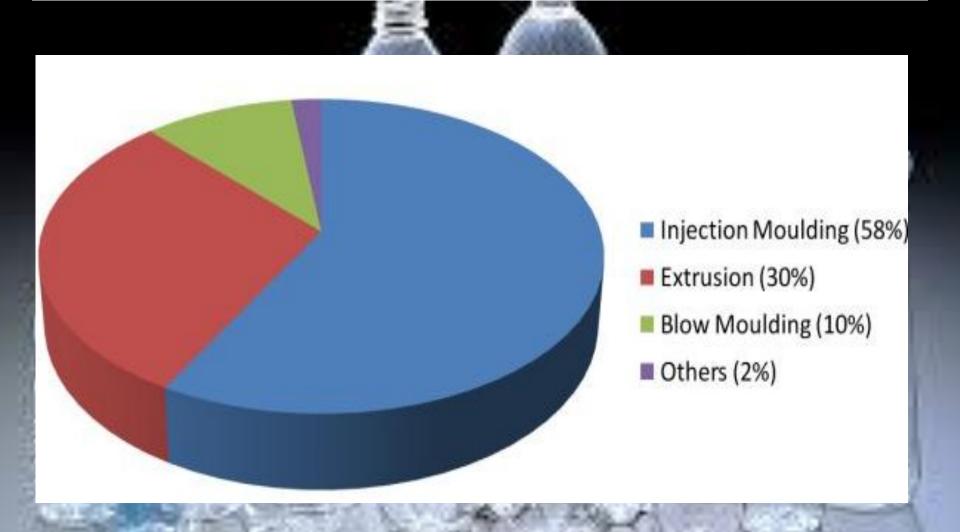


#### **Market Outlook**

Indian plastics industry is set to buck the global trend of sluggish growth by emerging as one of the fastest growing markets with 12 percent growth rate this year. By 2020, plastics consumption of the country is expected to increase from the current 12 million metric tonnes per annum (MMTPA) to 20 MMTPA.



#### Main Plastics Processing Technologies in India



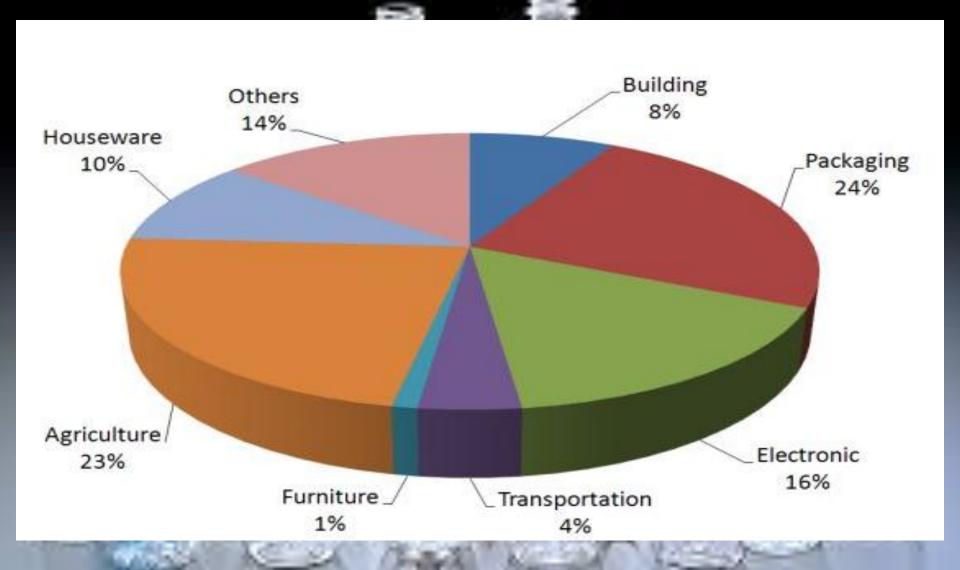


Export of plastic products from India stood at US\$ 7.64 billion in FY 2015-16.

The export of plastics finished goods is expected to nearly double from \$ 7.9 billion currently to \$15 billion in next 5 years.

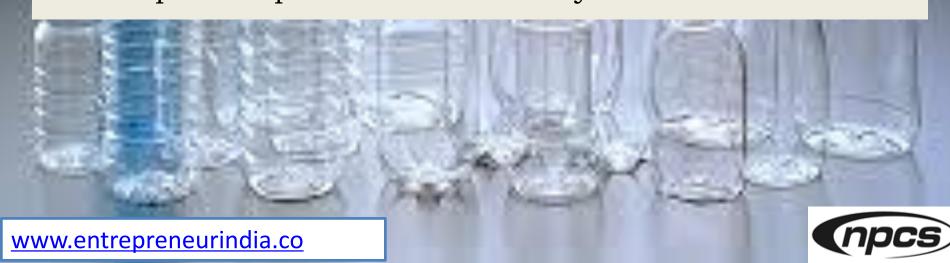


#### Plastics Consumption by Application (India)

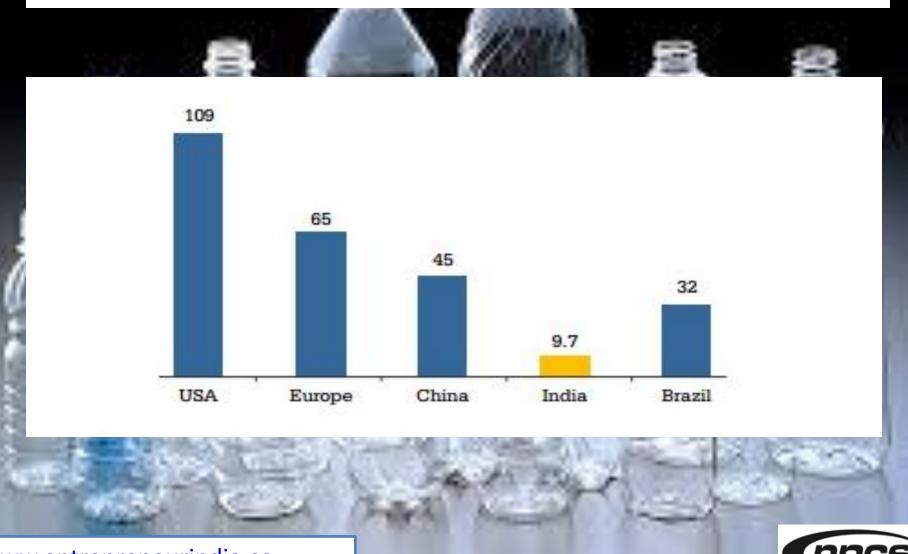




The growth rate of the Indian plastics industry is among the highest in the world, with plastics consumption growing at 16% per year (compared to 10% p.a. in China and around 2.5% p.a. in the UK). Considering a growing middle class (currently around 50 million) with low per capita consumption of plastics (currently 9.7kg per head), this high growing rate is likely to continue, as the per capital consumption of plastics will inevitably increase.



#### Per Capita Plastic Products Consumption

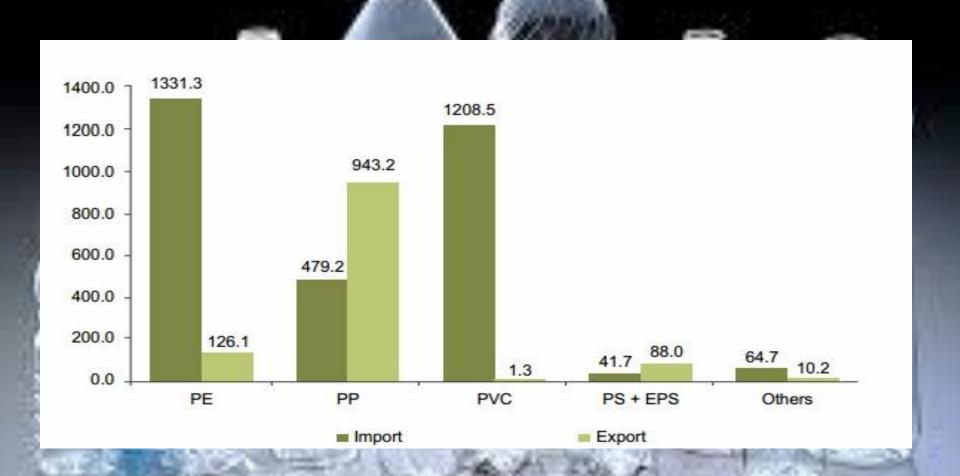




The exports of the Indian plastic industry have reached over USD 7.6 billion in 2014-2015, and aim to reach USD 10 billion by 2015-2016.



#### Import-Export Scenario of Plastics (in '000 MT), Fy14





## **Table of Contents**

- 1. PLASTIC SPECTACLE FRAMES
- 2. P.V.C. REXINE CLOTH
- 3. PLASTIC GRANULES FROM RAPS/WASTE
- 4. P.V.C. HAND GLOVES
- 5. H.D.P.E. TARPAULINS



- 6. P.V.C. BOTTLES FOR MINERAL WATER
- 7. TOOTH BRUSH
- 8. H.D.P.E. FILMS/SHEETS
- 9. FIBRE REINFORCED PLASTICS
- 10. PET BOTTLES/CONTAINERS



# 11. DISPOSABLE PLASTIC SYRINGES, NEEDLES & NEEDLE TUBE PLANT

- 12. POLYESTER RESIN
- 13. PLASTIC COOLER BODY
- 14. DISPOSABLE PLASTIC CUPS AND GLASS ETC.
- 15. ELECTROPLATING OF PLASTICS



#### **Tags**

Plastic Industry, How to Start Plastic Industry, Plastic Processing, Plastic Industry in India, How to Start Plastic Manufacturing Industry, Plastic Product Manufacturing Business, Starting Plastic Manufacturing Plant, Small Plastic Products Making, Plastic Products Making Small Business Ideas, Plastic Product Making Plant, Start Your Own Plastic Industry, Commercial Plastic Industry, Small Scale Manufacturing Business Ideas, Small Scale Plastic Manufacturing Industry, Small Plastic Products Manufacturing Plant, Plastics Manufacturing Industry, Plastic Business Ideas, Plastic Business Opportunities, Plastic Product Manufacturing Machinery, Plastic Packaging, Plastic Moulding Business Ideas, Plastic Packaging Product Manufacturing Industry, Plastic Packaging Manufacture, Profitable Plastic Product Manufacturing Business, Most Profitable Successful Small Plastic Molded Parts Manufacturing, Business Opportunities for Plastics Industry, Plastics Manufacturing Business, Packaging Business Opportunity, How to Start Plastic Manufacturing Business in India, Plastic Processing Industry, Manufacturing Process of Plastics, Methods of Manufacturing Plastics, Plastic Bottle Manufacturing, Plastic Bottles Manufacturing Process, Plastics Molding & Manufacturing, Manufacturing Process of Plastic Bottles, Plastic Processing and Manufacturing, Business Plan of Plastic Manufacturing, Plastic Molding Business Plan, Plastic Manufacturing Business, Plastic Bottle Manufacturing Business, Business Plan for Plastic Manufacturing, Plastic Production, Business Plan for Production of Plastics, Commercial Production of Plastics, Process of Manufacturing to Produces Colourless Transparent Plastic Granules from Waste, Manufacturing Process Flow Sheet for Plastic Granules from Plastic Scrap,



#### **Tags**

Plastic Injection Moulding Machine, Injection Moulding Machine Process, How Eyeglass Frames are Made, How to Make Plastic Glasses Frames, Plastic Spectacle Frames Business, Plastic Spectacle Frames Manufacturing Process, P. V. C Rexine Cloth Manufacturing Plant, Plastic Granules from Plastic Waste Manufacturing Plant, Plastic Granules from Plastic Waste Making Plant, Plastic Granules Manufacturing Process, Plastic Granules Plant, Plastic Granules Manufacturing Plant, P.V.C Hand Gloves Manufacture India, Glove Manufacturing Process, P.V.C. Hand Gloves Manufacturing Process, Disposable PVC Hand Gloves Manufacture, H.D.P.E Tarpaulin Production Line, Tarpaulin Manufacturing Machines, Tarpaulins Manufacturing Plant, Manufacturing, Tarpaulin Manufacturing Process, Process Tarpaulin Manufacturing Toothbrush, How Toothbrush is Made, Process of Manufacturing Toothbrush, Toothbrush Manufacturing Machine, Toothbrush Manufacturing Process, Production of Toothbrushes, Toothbrush Production, Toothbrush Manufacturing Plant, Plastic Film Manufacture, H. D. P. E. Films or Sheets Manufacturing Plant, Plastic Container Manufacturing, Plastic Container Manufacturing Process, Plastic Container Manufacturing Machine, Disposable Syringe & Needle Production, Disposable Plastic Syringes Manufacturing Plant, How to Start Manufacturing of Disposable Syringes, Disposable Plastic Syringe Manufacturing Business Plan, Start Disposable Syringes Manufacturing Business, Disposable Medical Syringe & Needle Production Plant, Plastic Air Cooler Body Manufacture, Cooler Manufacturing Process,



#### **Tags**

Disposable Glass Making Machine, Disposable Plastic Cups and Glasses Manufacturing Plant, How to Start Manufacturing Business of Disposable Products, Disposable Glass Manufacturing Process, Electroplating of Plastics, NPCS, Niir, Process Technology Books, Business Consultancy, Business Consultant, Startup, Business Guidance, Business Guidance to Clients, Startup Ideas, Startup Project Plan, Business Start-Up, Business Plan for Startup Business, Great Opportunity for Startup, Best Small and Cottage Scale Industries, Startup India, Stand Up India, Small Scale Industries, New Small Scale Ideas for Plastic Product Manufacturing Industry, Plastics Manufacturing Business Ideas You Can Start on Your Own, Indian Disposable Syringes Manufacturing Industry, Small Scale P. V. C Rexine Cloth Manufacturing, Guide to Starting and Operating Small Business, Business Ideas for Tarpaulins Manufacturing, How to Start Plastic Granules Manufacturing Business, Starting Plastic Production, Start Your Own Plastic Packaging Production Business, Cooler Manufacturing Business Plan, Business Plan for Plastic Production, Small Scale Industries in India, Plastic Granules Manufacturing Based Small Business Ideas in India, Small Scale Industry You Can Start on Your Own, Business Plan for Small Scale Industries, Set Up Toothbrush Manufacturing, Profitable Small Scale Manufacturing, How to Start Small Business in India, Free Manufacturing Business Plans, Small and Medium Scale Manufacturing, Profitable Small Business Industries Ideas, Business Ideas for Startup



# Niir Project Consultancy Services (NPCS) can provide Process Technology Book on

#### Plastic Products Manufacturing: Profitable Plastic

#### **Industries**

(Spectacle Frames, P.V.C. Rexine Cloth, Plastic Granules from Scraps/Waste, P.V.C. Hand Gloves, H.D.P.E. Tarpaulins, P.V.C. Bottles, Tooth Brush, H.D.P.E. Films/Sheets, Fibre Reinforced Plastics, Pet Bottles/Containers, Plastic Syringes, Needles, Polyester Resin, Cooler Body, Plastic Cups and Glass)

#### See more

https://goo.gl/NPQV4s https://goo.gl/arXHp1 https://goo.gl/QkjtBX





www.entrepreneurindia.co





https://goo.gl/VstWkd

Locate us on

Google Maps

https://goo.gl/maps/BKkUtq9gevT2



#### **OUR CLIENTS**

Our inexhaustible Client list includes public-sector companies, Corporate Houses, Government undertaking, individual entrepreneurs, NRI, Foreign investors, non-profit organizations and educational institutions from all parts of the World. The list is just a glimpse of our esteemed & satisfied Clients.

Click here to take a look <a href="https://goo.gl/G3ICjV">https://goo.gl/G3ICjV</a>



# Free Instant Online Project Identification & Selection Search Facility

Selection process starts with the generation of a product idea. In order to select the most promising project, the entrepreneur needs to generate a few ideas about the possible projects.

Here's we offer a best and easiest way for every entrepreneur to searching criteria of projects on our website <a href="https://www.entrepreneurindia.co">www.entrepreneurindia.co</a> that is "Instant Online Project Identification and Selection"



NPCS 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.

#### Click here to go

http://www.entrepreneurindia.co/project-identification



#### Contact us

**Niir Project Consultancy Services** 

106-E, Kamla Nagar, Opp. Spark Mall,

New Delhi-110007, India.

Email: <u>npcs.ei@gmail.com</u>, <u>info@entrepreneurindia.co</u>

Tel: +91-11-23843955, 23845654, 23845886, 8800733955

Mobile: +91-9811043595

Website: <u>www.entrepreneurindia.co</u>, <u>www.niir.org</u>

Take a look at NIIR PROJECT CONSULTANCY SERVICES on

**#StreetView** 

https://goo.gl/VstWkd





An ISO 9001:2008 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



We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.



We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.



#### What do we offer?

- Project Identification
- Detailed Project Reports/Pre-feasibility Reports
- Business Plan
- Industry Trends
- Market Research Reports
- Technology Books and Directory
- Databases on CD-ROM
- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
- O 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**



Thorough analysis of the project

**Economic feasibility study of the Project** 

Market potential survey/research

**Report Compilation** 



#### Who do we serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- O NRI's
- Foreign Investors
- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations



#### **Sectors We Cover**

- O Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- O Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- O Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- O Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling



- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- O Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct



- Copper & Copper Based Projects
- Dairy/Milk Processing
- O Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- O Electrical, Electronic And Computer based Projects
- O Essential Oils, Oils & Fats And Allied
- Engineering Goods
- O Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- O Food, Bakery, Agro Processing



- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- O Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitability Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries



- Infrastructure Projects
- Jute & Jute Based Products
- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- Maize Processing(Wet Milling) & Maize Based Projects
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- Organic Farming, Neem Products Etc.



- O Paints, Pigments, Varnish & Lacquer
- Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- O Perfumes, Cosmetics And Flavours
- O Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- O Plantations, Farming And Cultivations
- O Plastic Film, Plastic Waste And Plastic Compounds
- O Plastic, PVC, PET, HDPE, LDPE Etc.



- Potato And Potato Based Projects
- Printing And Packaging
- O Real Estate, Leisure And Hospitality
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- O Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals



- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral

Water)

Wire & Cable



#### Contact us

**Niir Project Consultancy Services** 

106-E, Kamla Nagar, Opp. Spark Mall,

New Delhi-110007, India.

Email: <u>npcs.ei@gmail.com</u>, <u>info@entrepreneurindia.co</u>

Tel: +91-11-23843955, 23845654, 23845886, 8800733955

Mobile: +91-9811043595

Website: <u>www.entrepreneurindia.co</u>, <u>www.niir.org</u>

Take a look at NIIR PROJECT CONSULTANCY SERVICES on

**#StreetView** 

https://goo.gl/VstWkd



#### **Follow Us**







>https://www.facebook.com/NIIR.ORG



> https://www.youtube.com/user/NIIRproject



> https://plus.google.com/+EntrepreneurIndiaNewDelhi



**<u>https://twitter.com/npcs\_in</u>** 



https://www.pinterest.com/npcsindia/



