



## Entrepreneur India

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## Select & Start Your Own Industry (4th Revised Edition)

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### Description

Entrepreneurship is one of the critical decisions to be made. It involves number of risk and has its own advantages also. But the charm of being a master of you is always above any other form of work. To start you own venture you have to decide on many things. Making a choice of the right project is a difficult decision for an entrepreneur and is an imperative decision. For the reason that rest of the challenges for setting up a business is based on the type of the product that an entrepreneur decides. Getting thorough knowledge is a must.

## Startup India Stand up

Our Prime Minister unveiled a 19-point action plan for start-up enterprises in India. Highlighting the importance of the Standup India Scheme, Hon'ble Prime minister said that the job seeker has to become a job creator. Prime Minister announced that the initiative envisages loans to at least two aspiring entrepreneurs from the Scheduled Castes, Scheduled Tribes, and Women categories. It was also announced that the loan shall be in the ten lakh to one crore rupee range.

A startup India hub will be created as a single point of contact for the entire startup ecosystem to enable knowledge exchange and access to funding. Startup India campaign is based on an action plan aimed at promoting bank financing for start-up ventures to boost entrepreneurship and encourage startups with jobs creation.

Startup India is a flagship initiative of the Government of India, intended to build a strong ecosystem for nurturing innovation and Startups in the country. This will drive sustainable economic growth and generate large scale employment opportunities. The Government, through this initiative aims to empower Startups to grow through innovation and design.

## What is Startup India offering to the Entrepreneurs?

Stand up India backed up by Department of Financial Services (DFS) intends to bring up Women and SC/ST entrepreneurs. They have planned to support 2.5 lakh borrowers with Bank loans (with at least 2 borrowers in both the category per branch) which can be returned up to seven years.

PM announced that "There will be no income tax on startups' profits for three years"

PM plans to reduce the involvement of state government in the startups so that entrepreneurs can enjoy freedom.

No tax would be charged on any startup up to three years from the day of its establishment once it has been approved by Incubator.

Starting your own business is one of the few remaining paths to wealth. You do not need to be a genius to run a successful business, but you do need some help. And that is exactly what this book is, a guide into the stimulating world of business ownership. Entrepreneurship helps in the development of nation. A successful entrepreneur not only creates employment for himself but for hundreds. Deciding on a right project can lead you to the road to success. To help budding entrepreneurs this book contains more than 350 project profiles with project capacity, cost of project, rate of return etc.

Identification, the first stage of the project cycle, is a crucially important process leading to the initial screening of projects. This book serves useful purpose for Project identification and helpful to project consultants, engineers, chartered accountants, corporates, individuals including entrepreneurs, financiers, contractors, investors and those who wish to gather at a glance information on the various projects.

## **Content**

### 1. Project Identification and Selection

Business Opportunity

Principles of Investment

What is Investment or a Project

Sources of Project Ideas

Important Factors to Identify a Project

Market Research

Reaching Consumers

Sought After Product/Service

Importance of Project Identification

### 2. How to Initiate the Project Identification Process with the Help of This Book

### 3. Activated Carbon

Activated Carbon from Coconut Shell

Activated Carbon from Coconut Shell by Continuous Rotary Kiln Activated Carbon from Bamboo

### 4. Adhesives and Glues

Adhesive (Fevicol Type)

Glue from Leather Waste Adhesives

## 5. Alcoholic Beverages

Beer Plant

Beer & Wine

Rice Beer

Indian Made Foreign Liquor

## 6. Aluminium and Aluminium Products

Aluminium Extrusion Plant

Aluminium Secondary Billet Casting Plant Alumina from Bauxite Aluminium Pilfer Proof Caps

## 7. Automobile

Fastener (Automatic Cold Forge Process)

Tyres and Tubes for Bicycle and Rickshaw

U-Bolts and Centre Bolts

Bicycle Tubes and Motorcycle Tubes

Plastic Injection Moulding Plant for Auto Parts

Brake Fluid

Lube Oil Bleding Plant (Engine Oil, Gear Oil & Grease)

Automotive Tyre Plant

Peelable Coating for Automobile and Construction Industry

Radial Tyres for Cars & Trucks Automobile Brake Shoes Coolant (Automotive) & Grease (Ctb/Axle) Rivets (Clutch Facing/Brake Linings) Automobile Piston Rings

## 8. Bakery & Confectionery Products

Bakery Unit (Rusk & Cookies)

Hard Boiled Candy Chewing Gum Chocolate & Confectionery Biscuit Plant

## 9. Banana Products

Banana Powder

Banana Chips

## 10. Biotechnology

Biopesticides (Trichoderma Harzianum, Pseudomonas Fluorescens, Beauveria Bassiana) Enzymes

## 11. Cereal Processing (Rice, Dall (Pulses), Wheat)

Rice Flake (Poha)

Wheat Flour Mill

Atta Chakki Plant

Roller Flour Mill (Atta, Maida & Suzi)

Integrated Unit (For Rice Mill, Rice Bran Oil Extraction with Captive Power Plant) Dall (Pulses) Mill

Kuttu (Buckwheat) Seed Dehulling

## 12. Chemicals (Organic, Inorganic and Industrial)

Precipitated Calcium Carbonate

Potassium Iodate

Glycerol Monostearate  
Glycerine  
Zinc Sulphate (33%, 21% & 12%)  
Hydrogen Peroxide  
Manganese Sulphate  
Hydrazine Hydrate  
7-Aminocephalosporanic Acid (7-ACA)  
Ethylene Oxide  
Acrylic Acid and Its Derivatives  
(Butyl Acrylate, Methyl Acrylate, Ethyl Acrylate)  
Precipitated Silica  
Sodium Silicate  
Zinc Sulphate 21% (Agriculture Grade)  
Methyl Methacrylate (Monomer) from Acrylic Scrap  
Sodium Petroleum Sulfonate  
Antiscaling/Descaling Forming Chemicals  
L-Ascorbic Acid  
Source of L-Ascorbic Acid  
Sulfuric Acid  
Ethanol from Rice/Rice Straw/ Rice Husk/Rice Bran  
Furfural Alcohol From Furfural (Hydrogenation)  
Carbon Black from Oil of Tar  
Cadmium Brightener  
Guar Hydroxy Propyl Triammonium Chloride  
Cobalt Octoate  
Soda Ash ( $\text{Na}_2\text{CO}_3$ )  
B-Naphthol Methyl Ethyl (Yara-Yara)  
Caustic Soda  
Sodium Hypochlorite (Bleach Liquor)  
Hydroxyl Amine Sulphate  
Methyl Acrylate  
Gold Potassium Cyanide  
Ephedrine Hydro Chloride  
Zeolite 4A  
Bleaching Powder  
Solid Carbon Dioxide-Dry Ice  
13. Cold Storage and Cold Chain  
Cold Chain  
Cold Storage for Potatoes & Mahua  
14. Computer Products and Information Technology (IT) Based  
Information Technology (IT) Training Centre

Online Shopping Mall  
Satellite Broadcasting T.V. Channel  
Computer Software  
Computer Assembling Unit  
15. Construction & Building Materials  
Concrete Block & Ready Mix Concrete  
Cement Plant  
Clinker Grinding for Cement  
Ready-Mix Concrete  
Artificial Sand from Stones and Waste Metals  
AAC Blocks (Autoclaved Aerated Concrete Blocks) Fly Ash Based  
Pre-Tensioned Prestressed Railway Sleepers  
Artificial Granite Tiles  
Precast Concrete Compound Wall  
Ceramic Wall and Floor Tiles  
16. Copper and Its Products Vegetable Crude Oil (Solvent Extraction Plant) Solvent  
Extraction Plant for Rice Bran  
20. Educational Institutes  
Marine Engineering College  
CBSE Primary School  
Dental College  
Medical College with Hospital  
21. Electrical & Electronic Products  
Lead Acid Battery  
Electric Energy Meter  
Electric Motor  
Set Top Box  
Electrical Control Panel  
Insulator  
Distribution Transformer  
22. Essential Oils, Phytochemicals and Aromatic Chemicals  
Patchouli Oil  
Menthol Oil, Clove Oil & Citronella Oil Extraction of Jasmine Flowers Camphor Sheet  
from Camphor Powder  
Rose Oil Extraction  
Spice (Chilli) Oleoresin  
Essential Oil from Flowers (Rose Oil)  
Essential Oil from Lily, Mogra, Nishigandha  
23. Fast Moving Consumer Goods (FMCG)  
Instant Noodles  
Mishri (Sugar Candy)

## 24. Ferrous & Non Ferrous Metals and Alloys

High Carbon Ferro Manganese

Iron ore Pelletization

Manganese Oxide (Ferrite Grade)

Reduction of Manganese Dioxide to Manganese Oxide 42%

(By Rotary Kiln)

Ferro Alloys-Ferro Manganese, Silico Manganese, Ferro Silicon Based on Aluminothermic Process

## 25. Food Processing and Agro Based Products

Caramel Colour from Sugar

Frozen Finger Chips

Stevia Extract: Stevioside

Vermicelli, Noodles and Cherry (Tooti Fruity)

Sorbitol

Furfural from Corncobs, Rice Husk & Sugarcane Bagasse

Soyabean Nuggets (Bariyani) (Automatic Plant)

Macaroni, Vermicelli & Noodles Manufacturing

Sesame Seed Hulling

Fish Meal

Iodised Salt Free Flowing from Sea Water

Sugar Plant with Co-Generation Power Plant and Green Field

Sugarcane Cultivation

## 26. Fruits & Vegetables and Its Products

Coconut Processing Unit (Complex)

Mango Pickles

Drumstick Powder

Dry Lemon Powder and Lemon Oil

Tomato Paste (Tomato Concentrate)

Fruit Processing

(Mango, Lychee, Pineapple, Orange & Pomelo for Concentrates, Juice in Cans)

Cashew Nut Shell Liquid & Kernel Processing

## 27. Ginger Processing and Ginger Products

Dry Ginger from Green Ginger

Ginger Powder

Ginger Paste in Pouch/Black Container

Glazing & Preservation of Ginger

Ginger Oil (Super Critical CO<sub>2</sub> Process)

Ginger (Dry, Powder, Flakes, Oil) & Garlic (Powder, Flakes, Oil)

Processing Unit

Ginger Oil

Instant Ginger Powder Drink

28. Glass and Flat Glass

Hot and Cold Fusion of Glass

Glass Sheet/Flat Glass/Float Glass Glass Density Hydrometer Glass Industry Glass Sheet Optical Lenses

29. Health Care Projects

Diagnostic Centre

Surgical Sutures Materials

I. V Cannula and Butterfly Needles

Infusion Set and Blood Transfusion Set

30. Herbs and Herbal Based Products

Herbal Cosmetics

Aloe Vera Cultivation & Extraction

Integrated Unit (Herbal Hair Oils, Herbal Cosmetic, Ayurvedic Pharmacy)

Herbs Plantation (Medicinal)

31. Hospital, Specialized (Super Specialty) Hospitals

Cancer Hospital

Hospital (200 Bedded)

32. Hotel and Hospitality Projects

Hotel Industry (5 Star)

Five Star Hotel, Business Centre (Shopping Centre), P.V.R., Health Club & Banquet Hall

33. Jute and Its Products

Jute Twine (Jute Rope) & Gunny Bag from Raw Jute

Jute Yarn, Jute Sutli & Hessian Cloth Weaving Integrated Unit Jute Garments

34. Leather, Leather Goods and Leather Tanning

Leather Tanning

Leather Garments Leather Finishing Leather Binder (Resin Based)

35. Livestock Farming & Allied Products Hydraulically Regulated Door Closer Forging on Open Die Hammers

40. Medical Disposable Products

Disposable Plastic Syringes

Blood Bags

Surgical Disposable Manufacturing Unit

41. Milk & Dairy Products

Dairy Farming for Milk

Dairy Milk Processing with Power Plant

42. Minerals

Zero Qi Pitch for Graphite

Fly Ash Bricks from Limestone Bentonite Processing

43. Mining and Quarrying

Iron Ore Mining

Coal Mining

44. Miscellaneous

Safari Park

Extraction of Pectin from Citrus

Tennis Ball (Used in Playing Cricket)

Water Softener

NPK Complex Fertilizer Plant

Hydrogen Gas from Methanol Cracking

Flexographic Inks

Batching Plant for Asphalt

Exercise Note Book and Register

Power Laundry

Coal Tar Pitch Distillation

Lube Oil Blending Based on Imported Base Oil

Hot-Dip Galvanizing Plant

Ceramic Foam Filters

Welding Electrodes

45. Non-Alcoholic Beverages

Instant Tea (Without Premix of Milk & Sugar)

Soft Drink (Aerated Water)

Instant Coffee

Flavoured Drinking Water

Canned Carrot Juice & Bottle Gourd/Long Melon (Lauki Ka Juice) in

Tetra Pack

46. Packaging Industry

Packaged Drinking Water, Soda Water and Pet Bottles

HDPE/PP Woven Sacks by Circular & Plain Looms with Lamination & Printing

Pouch Packing Automatic Plant (Flexible Packaging) Bopp Pressure Sensitive Self-Adhesive Tape

47. Paints, Pigments, Enamels, Varnishes, Solvents and Thinners

N.C.Thinner

Industrial Paints Paint Industry Water-Based Lacquers

48. Pan Masala, Guthka and Zarda

Pan Masala, Tobacco, Zarda & Kimam

Menthol Crystals

Pan Flavouring (Kashmeri Sugandh)

49. Paper and Its Products

Carton Boxes

Paper from Waste Paper Paper Bags from Waste Printed Paper Shopping Bags

Kraft Paper from Waste Carton Boxes

Paper Napkins, Toilet Roll & Facial Paper from Tissue Paper Rolls  
Paper from Shoot of Banana Plant  
Exercise Note Book and Offset Printing  
50. Pharmaceuticals, Drugs and Fine Chemicals  
Ciprofloxacin HCl-Cipro  
Pharmaceutical Unit (Tablet, Syrup & Injectables) Gelatin Sponge Pharmaceutical  
Grade Sugar Glucose Saline  
51. Pipes and Tubes  
PPR Pipes and Fittings  
HDPE Pipes & Fittings PVC Pipes  
52. Plantation and Cultivation  
Cut-Rose (Floriculture)  
Jatropha Plantation Oil Palm Cultivation  
53. Plastics, Polymers and Resins  
Unsaturated Polyester Resin  
PVC Flex Banner (Frontlit, Backlit & Vinyl)  
Expanded Polyurethane Foam  
Plastic (HDPE) Water Storage Tanks  
Polyvinylidene Fluoride  
Rigid P.V.C. Film (For Pharma & Thermoforming Packaging)  
Biodegradable Plastic Products (Bags, Plates & Glasses)  
PVC Compounds from PVC Resin  
Bio Plastic Products  
PVC Doors  
PVC Water Storage Tanks  
Acrylic Resin (Emulsion Type)  
Coating of Titanium Dioxide on Plastic Surfaces  
Pet Bottle from Pet Resin  
Blow Moulded Containers (HM, HDPE)  
54. Potato Processing and Potato Based Products  
Modified Potato Starch  
Potato Powder, Flakes  
Potato Flakes  
Potato Powder (Automatic Plant)  
Potato Powder, Granules & Flakes  
Potato Chips  
(Different Recipe and Flavours)  
55. Power Generation  
Biomass Power Generation Plant  
Co-Generation Power Plant Based on Bagasse Gas Based Power Plant Solar  
Photovoltaic Power Plant Solar Thermal Power Plant Thermal Power Plant (5 Mw)

## 56. Printing and Allied Projects

Rotogravure Printing

Photo-Emulsion for Rotary Screen Printing

Flexographic Printing

Flexible Packaging with Gravure and Flexo Printing with Extrusion

In 3/5/7 Layers

## 57. Rice Husk Based Products

Precipitated Silica from Rice Husk Ash

Particle Board from Rice Husk Sodium Silicate from Rice Husk

## 58. Rubber and Its Products

Rubber Sheet

Butyl Rubber-Polyisobutylene Rubber

## 59. Soaps and Detergents (Cleaning Powder and Toilet Soap)

Toilet Soap

Soap and Detergent Powder

Soap Noodles

Surfactants

Dynamics of Surfactants at Interfaces

## 60. Spices and Oleoresins<sup>2</sup>

Curcumin (Turmeric); The Indian Solid Gold

Spice (100% EOU)

Whole Spices Processing (Cleaning / Grinding & Packaging)

## 61. Steel and Its Products

Reinforcement Steel Bar/Tor Bar

Butt Welded Carbon Steel Fitting and Steel Flanges

Steel Rolling Mill

Cold Rolled Stainless Steel Plant from HR to CR

Fusion Bonded Epoxy Coated TMT Rebars

TMT Bars (Sariya) Project

Steel Project (Iron, Sponge Iron to Billet to Rods)

## 62. Tamarind and Tamarind Based Products

Tamarind Pulp from Tamarind

Corrugated Carton Boxes Gum Powder (Tamarind Kernel Powder Base)

Tamarind Based Products

Extraction of Oil from Tamarind Seeds

## 63. Textile

Textile Weaving Mill

Undergarments (Men & Women)

Readymade Garments for Children & Teenage

## 64. Township and Resort

Township

Holiday Resort (Three Star Grade)

65. Waste Management and Recycling

E-Waste Recycling Plant

(Electronic waste, e-waste, e-scrap, or Waste Electrical and Electronic Equipment (WEEE))

Carbon Black from Waste Tyres (Waste Tyre Pyrolysis)

Waste Tyre Pyrolysis

Kraft Paper from Waste Cartons

Furfural from Bagasse & Corncobs

Plastic Granules from Waste

Chip Block (Compressed Wood)

Municipal Waste Treatment

Bio-Coal Briquettes from Agricultural Cellulosic Waste

66. Wire and Related Products

Rosin Cored Soft Soldering Wire

R-F Coaxial Cable

PVC Electric Wires & Cables

Stitching Wire

67. Wood and its Products

Wooden Toothpicks

Wooden Furniture

Wooden Laboratory Furniture

Pre Laminated Particle Board

## About Niir

NIIR Project Consultancy Services (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. Its various services are: Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinery, Manufacturing Process and/or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry. NPCS also publishes various technology books, directories, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists, and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureaus, consultants and consultancy firms as one of the inputs in their research.