

Profitable Small, Cottage & Home Industries

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The small scale sector is assuming greater importance every day. Hundreds of thousands of people start their own businesses at home every year, and untold more dream about the possibility of becoming their own bosses. Starting a business at home is the best when you do not have enough funds. While entrepreneurship has its many potential rewards, it also carries unique challenges. Making a choice of the right project is a difficult decision for an entrepreneur and is an imperative decision. In fact, before starting a business also one has to be thorough with the requirements of current line of industry. Above all taking advantage of various schemes provided by government and other financial institutions. For the reason that rest of the challenges for setting up, a business is based on the type of the product and fund to invest. 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. An entrepreneur requires a continuous flow of funds not only for setting up of his/ her business, but also for successful operation as well as regular up gradation/modernization of the industrial unit. To meet this requirement, the Government (both at the Central and State level) has been undertaking several steps like setting up of banks and financial institutions; formulating various policies and schemes, etc. All such measures are specifically focused towards the promotion and development of small and medium enterprises. In both developed and developing countries, the Government is turning to small and medium scale industries and entrepreneurs, as a means of economic development and a veritable means of solving problems. It is a seedbed of innovations, inventions and employment.

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.

Some of the major fundamentals of the book are steps in setting up an SSI, preparation of a project report, constitution of the firm, need for planning, registration/licences for SSI, resourcing, non financial, national level, state level, market survey, demand supply gap, major buying countries, plant economics, plastic granules from scraps/waste, process of manufacture to produce colourless transparent plastic granules from waste, P.V.C. hand gloves, plant & machinery suppliers, H.D.P.E. tarpaulins, fibre reinforced plastics, polyester resin, plastic cooler body, disposable plastic cups and glass etc., bleaching, dyeing & finishing of textiles, etc.

The book contains the aspects to plan any business strategy step by step. The book explains about business planning, effective marketing matters, facing the competition, resourcing, economics of plants and more aspects that will help start and maintain a new business. The identification of a suitable project within the investment limit of a new entrepreneur is very difficult. The present book strives to meet this specific entrepreneurial need. The book contains processes formulae, brief profiles of various projects which can be started in small investment without much technical knowledge at small place. This is very resourceful publication for new entrepreneurs, professionals, libraries etc.

1. Steps in Setting Up an SSI

Step 1 : Know Yourself

Step 2 : Training

Step 3: Project Identification Selection

Step 4: Location of the Enterprise

Premises Owned Vs Hired

Typical Question

Step 5: Preparation of a Project Report

Typical Questions

How is the cost project report calculated?

What is meant by 'contingencies'?

What are the expenses included under preliminary and preoperative expenses?

How does one calculate the amount of margin on Working Capital?

Step 6: Arranging Technical know how

Step 7: Constitution of the firm

Step 8: Registration

Step 9: Arranging Finance

Other Sources

Need for Planning

Margin Money

I Needn't Be Rich

Step 10: Statutory Licences/Approvals/Clearances²⁶

Step 11: Arranging Land & Building

Step 12: Procuring Plant & Machinery

Step 13: Utilities: Power Connection/Water Supply³⁵

Step 14: Recruitment of Personnel

Step 15 : Procurement of Raw Materials

Step 16 : Registration with Excise/Sales Tax Authorities

Step 17 : Trial Production

Step 18 : Commercial Production

Step 19 : Marketing

Step 20: Accountants and Record-Keeping

Step 21: Market Research

Step 22: Quality Control

Step 23: Updating Yourself

Step 24: Growth

Step 25: Avoiding Typical Pitfalls

2. Registration/Licences for SSI

Special Approvals

Pollution Control Board

3. Resourcing

(A) Non-Financial

I. National Level

II. State Level

(B) Financial

4. Plastic Spectacle Frames

Introduction

Uses and Applications

Raw Material Required

B.I.S. Specifications

Frame Spectacle Glossary

Market Survey

Demand Supply Gap

Major Buying Countries

Quality Control and Standard

Process of Manufacture

Sheet Cutting

Forming and Welding

Wire Insertion

Assembling & Buffing

Packing and Despatching

Raw Material Suppliers
Cellulose Acetate Sheet
Steel Wire or Rod
Suppliers of Plant Machineries
Forming and Welding Machine
Drilling Machine
Compression Moulding Machine
Plant Economics

5. P.V.C. Rexine Cloth

Introduction
Polyvinyl Chloride (P V C)
Common Name - P V C
Characteristics
Uses and Applications
Market Survey
Manufacturing Process
Pigment Titanium Dioxide
Supply of Raw Material PVC Resins
Titanium Dioxide
Lead Stearate
Plastic Colours & Pigments
Suppliers of Plant & Machinery
Plant Economics

6. Plastic Granules from Scraps/Waste

Introduction
Plastic Classification
Uses and Applications
Resources of Plastic Waste
Foreign Suppliers of plastic Waste
Waste Raw Materials Suppliers
B.I.S. Specification
Process of Manufacture to Produce Colourless Transparent Plastic Granules from Waste
Sorting
Smashing
Washing
Concentration of Blending
Solvent Addition
Removal of Colour to Obtain Transparent
Granules by Activated Carbon Treatment
Filtration
Distillation
Cooling and Dehumidifying
Granulation
Manufacturing Process Flow Sheet for Plastic Granules from Plastic Scrap
Suppliers of Plant & Machinery
Reaction Vessel
Granulators
Mixer
Distillation Units
Rotary Drum Filters
Grinder

Plastic Waste Grinder & Cutter
Dryer
Baby Boilers
Tanks
Storage Tank
Packaging Machinery
Pipe & Fitting
Motors & Pumps
Suppliers of Raw Materials Dimethyl Phthalate
Ethanol
Toluene & Xylene
Activated Carbon
Plant Economics

7. P.V.C. Hand Gloves

Introduction
Properties
Uses
B.I.S. No. of Hand Gloves
Manufacturing Process
Packing Process
Process Flow Diagram
Market Survey
Production of Hand Gloves
Present Manufacturers
Plant & Machinery Suppliers
Raw Material Suppliers
Plant Economics

8. H.D.P.E. Tarpaulins

Introduction
Properties of HDPE
Uses and Application
B.I.S. Specifications
Market Survey
Export Potential
Lamination (or Sealing) By Hot Rolling
Process Flow Diagram for HDPE Woven Tarpaulines
Suppliers of Raw Materials
H.D.P.E. Granules
Plasticizers
Stabilizers
Colours
Printing Inks
Suppliers of Plant & Machinery
Plain Looms
Warping Machine
Flexographic Printing Machineries
Present Manufacturers
Plant Economics

9. Tooth Brush

Introduction

Properties of Tooth Brush
B.I.S. Specification
Uses and Application
Market Survey
Manufacturers of Tooth Brushes
Handle Making
Fibre Dressing
Filling
Trimming
Embossing of the Mark etc.
Packing
Process Flow Sheet for Tooth Brush Making
Suppliers of Raw Materials
Polystyrene
Colour
Packaging Materials
Sheets for Tooth Brush Handles
Suppliers of Plant and Machinery
Moulding Press (Hand Operated)
Other Machinery
Moulds & Dies
Plant Economics

10. H.D.P.E. Films/Sheets

Introduction
Uses & Applications of High Density
Polyethylene Sheets or Films
Properties of High Density Polyethylene Sheet
B.I.S. Specification
Market Survey
Demand Supply Gap
Manufacturing Process
Plant & Machinery Suppliers
Suppliers of Raw Material
Plant Economics

11. Fibre Reinforced Plastics

Introduction
Properties
Uses and Applications
Market Potential
Present Manufacturers
Formulation & Process of Manufacture
Catalysts and Accelerators
Colouring material & Fillers
Processing Conditions
Flow Sheet for Fibre Reinforced Glass Moulded Products
Raw Materials Suppliers
Fibre Glass
Polyester Resin
Calcium Carbonate
China Clay
Hydrated Lime

Calcium Stearate
Methyl-Ethyl Ketone Peroxide
Plant and Machinery
Plant Economics

12. Polyester Resin

Introduction
Properties and Uses
Indian Standard Specifications
Market Survey
Estimated Demand for Polyester Film
Process of Manufacture
Blending Operation
Packaging
Suppliers of Plant and Machinery
Present Manufacturers/Suppliers
Raw Materials
Maleic Anhydride
Phthalic Anhydride
Styrene
Propylene Glycol
Plant Economics

13. Plastic Cooler Body

Introduction
Blow Moulding Machine
Extrusion
Properties
Uses
B.I.S. Specification
Manufacturing Process
Manufacturing Flow Sheet
Market Survey Report
Uses of coolers in India as Follows
Suppliers of Plant and Machineries
Injection Moulding M/c.
Raw Material Suppliers
Plant Economics

14. Disposable Plastic Cups and Glass Etc.

Introduction
Market Survey
Manufacturing Method
Thermoforming
Machine Type
Moulds
Glass
Cups
Plates
Spoons
Printing on Cups, Glasses and Plates
Roto Gravure Printing
Suppliers of Machine

Forming Machine Suppliers
Sealing Machine
Moulding Dies
Suppliers of Raw Material
Polypropylene
L.D.P.E. Film
Ethylene Oxide
Present Manufacturers
Plant Economics

15. Electroplating of Plastics

Introduction
Properties
Uses and Applications
B.I.S. Specification
Market Survey
Present Electroplaters
Pre-Plating Treatments
Plastic Moulding
Cleaning
Solvent Treatment
Conditioning
Sensitizing, Nucleation
Sensitizing
Conditions of Use
Nucleation
Electroless Plating
Operating Conditions
Electroplatings
Electroplating Process
Manufacturing Process Flow Diagram
Raw Material Suppliers
Suppliers of Plant and Machinery
Plant Economics

16. Bakelite Electrical Accessories

Introduction
Properties of Electrical Accessories
Uses & Applications
Raw Materials Required
Plant & Machine Required
Process of Manufacture
Compression Moulding
Transfer Moulding
Injection Moulding Thermoset
Manufacture of Handles for Iron
Cost Economics

17. Bleaching, Dyeing & Finishing of Textiles

Introduction
Market Survey
Raw Material Required
Plant & Machinery Required

Description of Textile Fibres
Name of Acrylic Fibres
Bleaching of Cotton Textiles
Cellulose Dyeing with Procion (Reactive) Dyes
Winch Dyeing of Cotton Knit Goods
with Procion M Dyes
Modified Methods for "Difficult" Cotton Material⁷
Modified Methods for Dyeing of "Difficult"
Cotton Materials with Procion H Dyes
on winch Machine
Procion M dyes
Jig Dyeing of Woven Cotton Piece Goods
Dyeing of cotton Piece Goods with
Procion M Dyes
Pad Jig Developed Method
Development
Pad Jig Developed Method
Dyeing of Cotton Piece Goods with
Procion H Dyes
Dyeing of Cotton & Loose Fibre
Dyeing with Procion M Dyes
Dyeing with Procion H Dyes
Dyeing of Ribbons, Tapes & Narrow
Fabric with Procion Dyes
Use of Wetting Agents in Procion H Dye
Baths for Cellulosic Materials
Wet Fastness Properties of Procion Dyeing
Dyeing of Cotton Textiles with Sulphur Black
Wash & Wear Finishes
Cost Economics

18. Acid Slurry

Introduction
Properties
Uses & Applications
Market Survey
Raw Material Required
Plant & Machinery Required
Process of Manufacture
Cost Economics

19. Ceramic Industries

Introduction
Properties & Characteristics
Uses & Applications
Market Survey
Formulations
Raw Materials Required
Plant & Machinery Required
Manufacturing Process
Manufacturing of Wares (White, Sanitary & Art)
Jiggering
Castings

Finishing
Glazing & Firing
Decoration
Manufacturing of Structural Ceramics
Manufacturing of Refractories
Drying
Burning
Manufacturing of Glass
Melting
Shaping & Forming
Annealing
Finishing
Cost Economics

20. Adhesives (Fevicol and Vamicol Etc.)

Introduction
Phenol Formaldehyde Resin
Urea Formaldehyde Resin
Thermoplastic Resin
Market Survey
Process of Manufacture
Composition of Phenol Formaldehyde Adhesive
Urea Formaldehyde Adhesives
Process Manufacture
Process
Raw Material Required
Plant & Machinery Required
Manufacturing Process
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21. Computer Ribbons

Introduction
Uses & Applications
Market Survey
Formulation of Inks
Raw Material Required
Plant & Machinery Required
Manufacturing process
Application of Ink to the Tape
Cost Economics

22. Coir-Foam

Introduction
Properties & Characteristics
Uses & Applications
Market Survey
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Plant & Machinery Required
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23. Cosmetics

Introduction
Classification
Properties and Characteristics
Uses & Application
Market Survey
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Plant & Machinery
Manufacturing process
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Deodorant Liquid Formulation
Baby Cream
Baby Oil
Dry Skin Cream
Moisturising Cream
Enamel Remover
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Hair Dyes
Lead Dye
Black Silver Dye
Copper Hair Dye
Hair Fixers
Lipsticks
Nail Lacquers
Talcum Powders
Shampoos
Powder Shampoos
Shampoo Sulfonated Oil-Soapless
Tooth Paste & Powder
Herbal Formulations
Extracted Flavour for Herbal Tooth Paste
Flavour Used for Tooth Paste
Herbal Tooth Powder
Herbal Hair Oil
Herbal Shampoo
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24. Electric Mixer

Introduction
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Plant & Machinery Required
Testing Instruments
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25. Hawai Chappal

Introduction
Properties & Characteristics
Uses & Applications
Market Survey
Formulations

Raw Materials
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Manufacturing Process
Manufacture of Straps
Manufacture of Sole Surface
Manufacture of Sole
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26. Greases

Introduction
Properties
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Oxidation Stability
Heat Stability
Uses & Applications
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Formulation of Greases
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Principles
Processing
Manufacturing Process of Greases in General
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27. Ferric Alum

Introduction
Properties & Characteristics
Uses & Applications
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Plant & Machinery Required
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28. Hosiery Industry

Introduction
Uses & Applications
Market Survey
Raw Material Required
Plant & Machinery Required
Manufacturing Process
Manufacture of Banyans & T-shirts
Manufacture of Underwears
Manufacturing of Sweaters
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29. Leather Garments

Introduction
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Plant & Machinery
Manufacturing Process
Vests
Caps
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30. Fruit Drinks

Introduction
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Uses & Applications
Market Survey
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Plant & Machinery
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31. Ice Cream and Ice Candy Industry

Introduction
Properties & Characteristics
Uses & Applications
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Plant & Machinery Required
Manufacturing Process
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32. Mushrooms (Dehydration & Pickling of Oyster and Paddy Straw Mushroom)

Names of Some Common Mushrooms
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Analysis of Some Common Edible Mushrooms
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Market Survey
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Processing of Mushrooms
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33. Match Box and Fire Works Making Industry

Introduction
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34. Naphthalene Balls

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35. Paints Industry

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Market Survey

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Paint Formulae

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Ready Mixed Paints

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Manufacture of Paint

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36. Reclamation of Used Engine Oil

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37. Pencil Making Industry

Introduction

Properties & Characteristics

Uses & Application

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Plant & Machinery Required

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38. Room Cooler (Desert Type)

Properties & Characteristics

Uses & Applications

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39. Soap Industry

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40. Electronic Toys

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41. Engine Coolant

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About NIIR

NIIR PROJECT CONSULTANCY SERVICES (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our various services are: Detailed Project Report, Business Plan for Manufacturing Plant, Start-up Ideas, Business Ideas for Entrepreneurs, Start up Business Opportunities, entrepreneurship projects, Successful Business Plan, Industry Trends, Market Research, Manufacturing Process, Machinery, Raw Materials, project report, Cost and Revenue, Pre-feasibility study for Profitable Manufacturing Business, Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Business Opportunities, Investment

Opportunities for Most Profitable Business in India, Manufacturing Business Ideas, Preparation of Project Profile, Pre-Investment and Pre-Feasibility Study, Market Research Study, Preparation of Techno-Economic Feasibility Report, Identification and Section of Plant, Process, Equipment, General Guidance, Startup Help, Technical and Commercial Counseling for setting up new industrial project and Most Profitable Small Scale Business.

NPCS also publishes various process technology, technical, reference, self employment and startup books, directory, business and industry database, bankable detailed project report, market research report on various industries, small scale industry and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by professionals including project engineers, information services bureau, consultants and project consultancy firms as one of the input in their research.

Our Detailed Project report aims at providing all the critical data required by any entrepreneur vying to venture into Project. 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.

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