NEW PROJECTS FOR ENTREPRENEURSHIP

Most Profitable Small & Medium

Businesses To Start



Welcome to the World of Entrepreneurship

"Entrepreneurship" is the practice of starting new organizations or revitalizing mature organizations, particularly new businesses generally in response to identified opportunities.



Entrepreneurship is one of the critical decisions to be made and 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.



Entrepreneurship is more than simply "starting a business." It is a process through which individual identify opportunities, allocate resources, and create value.



The first step to initiate planning is to identify a suitable project. To start your 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.

There are no set rules to identify a suitable project, though this is one decision on which the success of your entire venture hinges. So, don't take hasty decisions.



Most prospective entrepreneurs tend to display the herd tendency and go for a project, which people have already ventured into. This is not a healthy attitude as success of one in a particular field does not guarantee success of the other. While identifying a suitable project, you should make a SWOT analysis of your own strengths and weaknesses. The next step, after you have selected your project, is to collect all information about it.



The most important information is about the potential market of the items you selected. This book aims at providing a thorough understanding and analysis of the 50 highly profitable industrial projects that you can start. It describes formulae, properties, raw materials used and manufacturing processes of different products. Undoubtedly, this book is a gateway leading you to become your own boss.



The important projects described in the book are Linear Alkyl Benzene, Soy Flour & Milk Processing, Urea Formaldehyde Resin Adhesive, Toothpaste Production, Gypsum Board, Surgical Absorbent Cotton, Starch Derivatives Production, Wet - blue leather, PVC paste Resin, Saccharin, Sodium Chlorite, Phosphate Fertilizer, Tomato Paste, Paint, Autoclaved Aerated Concrete (AAC Blocks), Carbon Black, Caffeine, Sodium hydrosulfite, Magnesium Sulphate (Fertiliser Grade), TMT Bar, Glass Fibre, Plastic (P.V.C.) Laminated Collapsible Tubes, Complex fertilizers, Copper Powder By Electrolysis Process,



Atomized Metal powder, Electro Plating, Activated Carbon from Wood, Rubber Powder from Waste Tyres, Precipitated Calcium Carbonate, PVC Flex Banner Production, Reclamation of Used Engine Oil, Edible Corn Oil, Malt Production, Ethyl Oleate, Wheat Flour Mill, Instant Noodles, Zinc, Castor Oil & Pomace, Garlic Oil and Powder, Silica from Rice Husk, Thermocol Cups, Glass and Plates, Match Box (Automatic Plant), Camphor,



LDPE/LLDPE Pouch Films, E-waste recycling, Cattle Feed, Saw Pipe, Polyethylene Wax, Disposable Plastic Syringes, Cement.

It will be a standard reference book for professionals and use by everyone who wants to start-up as entrepreneur.

See more:

http://goo.gl/H4DM6i



TABLE OF CONTENTS

1. HOW TO START AN INDUSTRY SUCCESSFULLY

Choose an Industry or Location Conduct Your Feasibility Studies Sources of Project Ideas

- (a) Analysis of Industries' Performance
- (b) Analysis of Inputs and Outputs of Industries
- (c) Analysis of Imports and Exports



- (d) Government's Guideline to Industries, Published Annually is Available
- (e) Suggestions of Financial Institutions and Developmental Agencies
- (f) Survey of Local Resources
- (g) Analysis of Economic and Social Trends
- (h) New Technologies
- Create Your Business Plan
- Finance Your Business
- Cash Flow



Collateral

Commitment

Character

Make a Good Impression with Your Lenders

Market Research

2. PROJECT IDENTIFICATION

How This Book Helps You to Identify the Project?



3. LINEAR ALKYL BENZENE

Uses

Properties

Typical Property of Linear Alkyl Benzene

Raw Materials Required

Process Description

Flow Diagram

Environmental Exposure

Occupational Exposure



4. SOY FLOUR & MILK PROCESSING

Physical Characteristics & Chemical

Composition of the Soybean Chemical

Composition Representative Proximate

Composition Uses

Raw Material For Soy Flour For Soy Milk Process

Description

- 1. Soy Flour Process Description
- 2. Soy Milk Process Description

Process Flow Diagram



Soy Flour
Machinery Required for Soy Flour
Soy Milk
Machinery Required for Soy Milk

5. UREA FORMALDEHYDE RESIN ADHESIVE

Uses of Urea Formaldehyde Resin Properties of Urea Formaldehyde Resin Raw Material Process Description

Process Flow Diagram for Urea Resin



Adhesive Plant Machinery Required Equipment

6. TOOTHPASTE PRODUCTION

Toothpaste Composition and Ingredient

Functionality

Typical Toothpaste Ingredients Process Description

Storing and Filling the Finished Toothpaste Process

Flow Diagram



7. GYPSUM BOARD

Characteristics of Gypsum Board

Uses

Raw Material

Gypsum Board Constituents

Process Description

Transportation

Installation

Flow Diagram



Gypsum Drying Section
Gypsum Calcining Section
Forming and Drying Section
Utility Section

8. SURGICAL ABSORBENT COTTON

Properties of Absorbent Cotton Raw Material Process

Description Based On Before Carding Method

- (1) Opening and Cleaning
- (2) Filling



- (3) Bleaching
- (4) Hydro-extracting
- (5) Opening, Drying, Opening and Reserving
- (6) Carding
- (7) Winding, Cutting and Packing
 Process Flow Sheet for Absorbent Cotton
 Making Machinery Required
- 9. STARCH DERIVATIVES PRODUCTION
 Uses



Some Important Definitions

Raw Material

Process Description

General Process Flow for Starch-Derived Sweeteners

(Corn/Glucose Syrups, High Fructose Syrups,

Dextrose, Fructose, Maltodextrins and Syrup Solids)

1. Glucose Syrup

Dextrose Syrup

Sorbitol



10. WET - BLUE LEATHER

Raw Material

The Process

Soaking Chemicals

Liming Chemicals & Use Condition

Chemicals

Conditions

Machinery Required

11. PVC PASTE RESIN

PVC Resin Suspension Grade PVC



Emulsion Grade PVC Bulk Polymerised PVC Copolymer PVC K Value Rar Material and Utilities Process Description VCM Receiving & Storage VCM Recovery VCM Purification Dispersion Process Polymerization Process Drying Process Flow Diagram Machinery Required

12. SACCHARIN

Properties of Saccharin
Uses in Foods and Other Products



Process Description

Chlorosulfonic Acid Synthesis Process

Sulfonation

Amination and Refining

Oxidation Process

Concentration and Crystallization

Drying and Packing Process

Recovery of Oxidizing Agent and Catalyst

Raw Material

Flow Diagram



13. SODIUM CHLORITE

Uses

Raw Materials

Process Description

Sodium Chlorite Manufacturing Process

Diagram Machinery Required

14. PHOSPHATE FERTILIZER

P is Essential for Plant Nutrition Types of

Phosphorus Fertilizer Raw Material Process

Description



- (a) Superphosphate
- (b) Fused Phosphate
- (c) Fused and Superphosphate Complex

Fertilizer

Superphosphate Manufacturing Process

Flow Sheet Fused Phosphate Manufacturing Process

Flow Sheet Fused and Superphosphate Fertilizer

Manufacturing Process Flow Sheet Machinery

Required Pollution Prevention and Control



15. TOMATO PASTE

Uses

Raw Material Requirements

Raw Material

Process Description

Receiving

Sorting

Juice Extraction

Evaporation

Aseptic Filling



16. *PAINT*

Raw Material Products Specifications Flow Diagram Machinery Required

17. AUTOCLAVED AERATED CONCRETE (AACBLOCKS)

Features

Raw Material

Advantages of Autoclaved Aerated Concrete Blocks

Typical AAC Product Shapes Process

Description Detailed Schematic Diagram of the

Production Process Machinery Required



18. CARBON BLACK

Uses

Raw Material

Process Description

Reaction Section

Filtration

Pneumatic Conveying

Pelleting

Drying

Storage and Shipping

Process Flow Diagram



19. CAFFEINE

General Details

Uses

Pharmacological Effects of Caffeine

Raw Material

Process

Making

Process Flow Diagram

Machinery Required

20. SODIUM HYDROSULFITE

Uses



Process of Manufacture Flow Diagram Required Machinery

21. MAGNESIUM SULPHATE (FERTILISER GRADE) PLANT

Molecular Structure

Product Specification

Physical Properties

Main Feature

Uses

Raw Material

Manufacturing Process



From Mineral Kieserite

Reaction of Magnesium Oxide and Sulfuric

Acid Composition of Magnesium Sulphate

Heptahydrate Packaging Production

Process Machinery Required

22. TMTBAR

Uses

Product Specification

Manufacturing Process

Tempering



The Cooling Process Process Flow

Diagram Machinery Required

23. GLASS FIBRE

Types of Glass Fibre

Properties

Uses

Raw Materials

Process Description

Process Flow Diagram

Schematic Diagram of Direct Melt Process



Schematic Diagram of Marble Melt Process for Continuous Filaments Machinery Required

24. PLASTIC (P.V.C.) LAMINATED COLLAPSIBLE TUBES

Uses

Raw Material Required

Process

Process Flow Diagram



25. COMPLEX FERTILIZERS

Complex Fertilizer for Vegetables

Characteristics

Component

Complex Fertilizer for Beans

Characteristics

Component

Briquette Complex Fertilizer for Forest

Characteristics



Component

Complex Fertilizer for Horticulture

Characteristics

Component

Complex Fertilizer Manufacturing

Description of NP &

NPK Granulator Drying Screening Cooling

Polishing Screens Cyclone Separators Scrubbing

Section Process Flow Diagram

Equipments in Flow Chart



26. COPPER POWDER BY ELECTROLYSIS PROCESS

Product Specifications

Uses

Raw Material

Process Description

Cleaning of Powders

Process Flow Diagram

Machinery Required

27. ATOMIZED METAL POWDER

Examples of Metal Powders



Pure Metals

Alloys

Compounds

Uses

Metal Powder Applications

Powdered Components

Thermal Surfacing

Architectural

Decorative Applications

Industrial



Process Description

Machinery Required

28. ELECTROPLATING

Uses

Process Description

Polishing

Pretreatment

Plating

After-treatment

Electroplating Process Block Diagram



29. ACTIVATED CARBON FROM WOOD

Uses of Activated Carbon

Typical Properties of Activated Carbon

Raw Materials

Manufacturing Process

Processing Steps

Flow Diagram

Machinery Required

30. RUBBER POWDER FROM WASTE TYRES

Uses of Rubber Powder



Manufacturing Process
Flow Diagram
Environmental Concerns of Tyre Recyling
Machinery Required

31. PRECIPITATED CALCIUM CARBONATE

Uses

Physical and Chemical Properties

Manufacturing Process

Flow Diagram

Required Machinery



32. PVC FLEX BANNER PRODUCTION

Process Description

Mixing

Extrusion

Tempering Rolls/Embossing Unit

Flow Diagram

Winding Station

Machinery Required

33. RECLAMATION OF USED ENGINE OIL

Uses

Process Description



Blending

Process Flow Diagram

Sludge Disposal (Pollution Control)

Machinery Required

34. EDIBLE CORNOIL

Process Description Required Machinery

35. MALT PRODUCTION

Standard Malt and Specialty Malt

Barley Conditioning

Malting

Malt Treatment



Process Flow Diagram

Machinery Required

36. ETHYL OLEATE

Properties

Oleic Acid

Uses

Process Description

Machinery Required



37. WHEAT FLOUR MILL

Composition of Wheat Properties of Wheat
Flour Flour Mill Products Manufacturing
Process Machinery Required Cleaning Section:
Machinery Milling Section: Machinery Conveying
Equipments Refrection Grinding System

38. INSTANT NOODLES

Manufacturing Process

Processing and Classification of Instant

Noodles Machinery Required



39. ZINC

Uses of Zinc Process Description Process

Description Machinery Required Roasting

Process Acid Making Process Leaching

Process Electrolysis Process Casting Process

Cd Making Process CuSO4 Making Process

40. CASTOR OIL & POMACE

Uses

Agriculture

Food



Paper

Plastics & Rubber

Perfumeries

Cosmetics

Electronics & Tele-Communications

Pharmaceuticals

Aints, Inks & Adhesives

Lubricants

Process Description

Process Flow Diagram



41. GARLIC OIL AND POWDER

Composition

Uses

Process Description

Machinery Required

42. SILICA FROM RICE HUSK

Composition of Rice Husk Ash on Dry Basis

- 1. Digestion
- 2. Precipitation
- 3. Regeneration



Process Flow Diagram
Machinery Required

43. THERMOCOL CUPS, GLASS AND PLATES

Uses

Food Packaging Like

Protective and Display Packaging

Process Description

Flow Diagram for EPS (Thermocol) Plates

Flow Diagram for Expanded Poly Styrene

Cups & Glass



Machinery Required For Plates For EPS Glass & Cups

44. MATCH BOX (AUTOMATIC PLANT)

Raw Material Product Specification Process

Description Match Box Manufacturing Filling

Finishing Process Process Flow Diagram

45. CAMPHOR

Uses

Production

Machinery Required



46. LDPE/LLDPE POUCH FILMS

Uses

Raw Materials Process Description

Machinery Required

47. E-WASTE RECYCLING

Effects on Environment and Human Health Effects of

E-Waste Constituent on Health Components of E-

Waste Management Process Description Manual

Dismantling and Sorting Mechanical Shredding and

Separation Metallurgical Processes Process Flow

Diagram



48. CATTLE FEED

Raw Materials for Concentrate Feeds

Process Description

Reception of Raw Material

Storage of Raw Materials

Blending

Grinding

Process Flow Diagram

Machinery Required

49. SAW PIPE

Uses



Industries Serviced

Oil and Gas Pipeline

Power Plant

Water & Sewerage

Structural

Raw Material

Product Specification

Process Description

The Making of Spiral Weld Pipes

Ultra-Sonic Testing



X-Ray Test and Fluoroscopy

Hydro Testing

Final Inspection, Visual Checking,

Weighing and Measuring Process Flow

Manufacturing & Testing Equipment

50. POLYETHYLENE WAX

Polyethylene Wax

Characteristic Properties of PE Wax

High Molecular Weight Polyethylene Wax

Low Molecular Weight Polyethylene Wax



Raw Material

Process Description

Reaction Conditions

Flow Diagram

Machinery Required

51. DISPOSABLE PLASTIC SYRINGES

Uses

Raw Material

Process Description

Plunger, Barrel & Gasket Production by



Injection Moulding Machine Advantages of Injection Moulding Assembly of Plunger, Barrel, Gasket and Needle by Machine Process Flow Diagram Packing by Poly Bag or Blister Sterilization by EO Sterilization Chamber Machinery Required

52. CEMENT

Uses

Types of Cement

Raw Material



Process Description Mining and Crushing Raw Mill C.F. Silo and Preheater Kiln Operation Cement Grinding Process Flow Diagram Storage & Dispatch Machinery Required

See more: http://goo.gl/H4DM6i



Visit us at www.entrepreneurindia.co



Take a look at NIIR PROJECT CONSULTANCY SERVICES on #Street View

https://goo.grl/VstWkd



NIIR PROJECT CONSULTANCY SERVICES

An ISO 9001:2008 Company



Niir Project Consultancy Services

106-E, Kamla Nagar, New Delhi-110007, India.

Email: npcs.ei@gmail.com, info@entrepreneurindia.co

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

Mobile: +91-9811043595

Fax: +91-11-23841561

Website:

www.entrepreneurindia.co

Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

https://goo.gl/VstWkd



Follow Us



>https://www.linkedin.com/company/niir-project-consultancy-services



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



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



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



>https://twitter.com/npcs_in



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





For more information, visit us at:

www.entrepreneurindia.co

