Herbal perfumes and cosmetics have been into usage from time immemorial and are made using natural herbs and ingredients that are healthier and beneficial for the skin. These are less likely to cause any damaging effect and the radiance they add to the skin. These days a number of beauty products that are using the herbal formulae have got lot of attention and have been witnessing a huge rise in demand not only nationally but on international arena. Bath and beauty products use herbs for both their scents and therapeutic qualities. Herbal products are replacing the synthetics products because of its harsh nature. To exploit the knowledge that has got the genesis in our country the book aims to provide recourse of pragmatic formulae of diversified herbal perfumes and cosmetics. Over all, the book contains formulae, processes, technicalities which are immensely innovative and profoundly utilitarian for new entrepreneur as well as motivate the existing units in quality improvement and cost reduction.

The major contents of the book are creation of herbal perfumes, blending of fragrances, principle of manufacture, infrared spectra of pure herbal products, application of herbal products in body care, facial care, hair care, list of raw materials used for the creation of perfumery, manufacturing procedures for the preparation of toilet products, formulas of different types of perfumery, list of perfumes and cosmetics, photographs and details of machineries, toiletries manufactures and machinery suppliers in directory section. The book is highly recommended to new entrepreneurs, existing units who wants to diversify from synthetic to herbal products, research centers, professionals and libraries.

Contents

1. Introduction of Perfumery
   Terminology
   Scientific and Medical Aspects
   Perfumes and the skin
   Technological Aspects
   How Does Perfume Appeal?
   Choosing a Perfume
   An International Industry

2. History of Fragrance
   The Ancient World
   Orientalia
   The Middle Ages
Influence of the Spice Trade
The Americas
Scents and "Sophistication"
The Modern World

3. The Sense of Smell
How the Brain Processes Odour
Essential Oil Absorption through the Skin
Fragrance and Health
Olfactory Deprivation
Odour and Eros

4. Scent and Psyche
Further Therapeutic Applications
Anxiety And Stress
Stimulation
Scent and Soul

5. Classification of Odours and Odorants

6. Creating a Herbal Perfume
Working within a Framework
Price
Packaging
Inspiration
The Practical Foundation
Inspiration : Response to Stimuli
Trial and error
Colours
Jeancard on Composition
Limitations of Published Formulae
The Perfumer's Knowledge of Chemistry
The Method of Carles
Analysing the Properties of Odours
Tone
Volatility
Intensity
Volume
Atmosphere
Tenacity
Fixation
Systematic Recording of Data

7. Raw Materials: Products of Natural Origin
Introduction : Concretes, Absolutes
Concrete Oils
Absolute Oils
Essential Oils derived from Distillation
Essential Oils obtained by Expression
Isolates, etc. from Essential Oils
Natural Odorants as Tinctures
Balsams and Resins
Concrete Oils or 'Concretes'
Absolute Oils
Floral Series: Rose Notes
Absolute Oil of Rose de Grasse
Jasmin Notes
Hyacinth Notes
Lilac and Lily
Absolute Oil of Lilac
Lily-of-the-Valley
Orangeblossom Notes
Orangeflower Absolute
Absolute oil of Orangeflower Water
Absolute Oil of Syringa
Tuberose Notes
Absolute oil of Tuberose
Absolute oil of Narcissus
Absolute oil of Jonquil
Absolute oil of Champaca
Absolute oil of Honeysuckle
Absolute oil of Lily
Violet Notes
Absolute oil of Violet
Absolute oil of Parma Violet
Absolute oil of Violet Leaves
Absolute oil of Boronia
Absolute oil of Cassie
Absolute oil of Mimosa
Absolute oil of Iris
Mignonette
Woody Series: Sandal Notes
Peppery Notes
Absolute Oil of Thyme
Caryophyllaceous Notes
Absolute oil of Carnation
Absolute oil of Cloves
Absolute oil of Tobacco Flower
Rural Series: Herbaceous Notes
Absolute oil of Flouve
New Mown Hay Absolute
Absolute Oil of Lavender
Absolute oil of Lavandin
Tea Leaf Absolute
Green Notes
Oakmoss (Mousse de Chene)
Absolute oil of Fern
Absolute Oil of Ivy
Absolute oil of Tree Moss (Mousse d'Arbre)
Vetiver Absolute
Balsamic Series: Resinous Notes
Absolute Oil of Cypress
Absolute Oil of Fir Needles
Vanilla Notes
Absolute Oil of Vanilla
Absolute Oil of Heliotrope
Fruity Series
Absolute Oil of Fig Leaves
Animal Series: Amber Notes
Ambrette Seed Absolute
Angelica Absolute
Cumin Absolute
Labdanum Absolute
Clary Sage Absolute
Maritime Notes
Seaweed Absolute
Musk Notes
Costusd Absolute
Empyreumatic Series: Tobacco Notes
Mate (Vert) Absolute
Melilot Absolute
Tobacco Leaf Absolute
Tonka Bean Absolute
Essential Oils, Terpeneless Oils
Agar
Ajowan
Almond Oil, Bitter
Ambrette Seed
Amyris
Angelica (Angelica archangelica)
Angelica
Family
Extraction
Medicinal Action
Emotional Attribute
Anise (Pimpinella amismum)
Family
Extraction
Medicinal Action
Emotional Attribute
Considerations
Associated Oils
Star Anise (Illicium verum)
Araucaria
Arnica
Artemisia (Armoise)
Atractylis
Backhousia
Basil (Ocimum basilicum)
Family
Extraction
Medicinal Action
Cosmetic/Skin Use
Emotional Attribute
Considerations
Associated Oil
Reunion Basil (O. basilicum)
East Indian Basil (O. gratissimum)
Hairy Basil (O. canum)
Bay (Laurus nobilis)
Family
Extraction
Medicinal Action
Emotional Attribute
Associated Oil
Bay Rum Tree (Pimenta racemosa)
Allspice (P. dioica)
Benzoin (Styrax benzoin)
Family
Extraction
Medicinal Action
Cosmetic/Skin Use
Emotional Attribute
Considerations
Associated Oil
Balsam of Tolu (Myroxylon balsamum)
Balsam of Peru (M. balsamum var. Pereirae)
Styrax (Liquidambar orientalis)
Bergamot (Citrus bergamia)
Family
Extraction
Medicinal Action
Cosmetic/Skin Use
Emotional Attribute
Considerations
Associated Oil
Birch (Betula lenta)
Family
Extraction
Medicinal Action
Cosmetic/Skin Use
Considerations
Associated Oil
Birch Tar Oil
White Birch (B. alba)
Wintergreen (Gaultheria procumbens)
Bellar Leaf Oil
Bois De Rose
Buchu Leaf Oil. Barosma betulina (Rutaceae)
Cabreuva. Myrocarpus spp.
Cajuput (Melaleuca cajuputi) etc.
(Myrtaceae). B.C. 3.
Calamus (Acorus calamus) (Aroideae). B.C. 4c.
Camomile
Roman camomile (Anthemis nobilis)
(Compositae). B.C. 3c.
Camphor
Cananga (Cananga odorata) (Anonaceae)
Calendula (Calendula officinalis)
Family
Extraction
Medicinal Action
Cosmetic/Skin Use
Associated Oil
Marigold (Tagetes minuta and T. patuh)
Caraway (Carum cravi)
Family
Extraction
Medicinal Action
Cosmetic/Skin Use
Emotional Attribute
Considerations
Cardamom (Elettaria cardamomum)
Family
Extraction
Medicinal Action
Cosmetic/Skin Use
Emotional Attribute
Associated Oil
Carrot Seed (Daucus carota)
Family
Extraction
Medicinal Action
Cosmetic/Skin Use
Emotional Attribute
Considerations
Caulophyllum Inophyllum
Cedarwood (Cedrus species)
Family
Extraction
Medicinal Action
Cosmetic/Skin Use
Emotional Attribute
Considerations
Associated Oil
Moroccan Cedar (C. Libani)
Atlas Cedar (C. atlantica)
Tibetan Cedarwood (C. deodara)
Thuja (Thuja occidentalis)
Celery (Apium graveolens)
Family
Extraction
Medicinal Action
Chamomile, German (Matricaria recutita, formerly M. chamomilla)
Chamomile, Roman (Chamaemelum nobile, formerly Anthemis nobilis)
Cinnamon (Cinnamomum zeylanicum)
Clary Sage (Salvia sclarea)
Clove Bud (Syzygium aromaticum, formerly Eugenia caryophyllata)
Coriander (Coriandrum sativum)
Cumin (Cuminum cyminum)
Cypress (Cupressus sempervirens)
Cassia
Citronella
Java-type citronella Oil
Cognac Oil
Copaiba Balsam Oil
Costus
Cubeb
Davana
Dill (French: Aneth) (Anethum graveolens) (Umbelliferae)
Elcampane (root) (Inula helenium) (Compositae). B.C. 1g.
Elemi Oil
Estragon
Eucalyptus (Eucalyptus globulus)
Fennel (Foeniculum vulgare)
Fir (Abies alba and other species)
Frankincense (Boswellia carterii) 1
Galbanum (Ferula galbaniflua)
Geranium (Pelargonium graveolens)
Ginger (Zingiber officinale)
Helichrysum (Helichrysum angustifolium)
Hyssop (Hyssopus officinalis)
Inula, Sweet (Inula graveolens, or I. odourata)
Jasmine (Jasminum officinale and J. grandiflorum)
Juniper (Juniperus communis)
Labdanum (Cistus labdaniferus)
Lavender (Lavandula angustifolia, previously L. vera and L. officinale)
Lemon (Citrus limon)
Lemongrass (Cymbopogon citratus)
Lovage (Levisticum officinale)
Marjoram (Origanum marjorana or Marjorana hortensis)
Melissa (Melissa officinalis)
Mimosa (Acacia decurrens var. dealbata)
Myrrh (Commiphora myrrha)
Myrtle (Myrtus communis)
Oakmoss (Evernia Prunastri)
Orange (Citrus sinensis)
Orange Blossom (Neroli) (Citrus aurantium var. amara)
Patchouli (Pogostemon cablin)
Pepper, Black (Piper nigrum)
Peppermint (Mentha piperita)
Ravensare (Ravensara aromatica)
Rose (Rosa damascena, R. gallica, and others)
Rosemary (Rosmarinus officinalis)
Rosewood (Aniba rosaeodora)
Sage (Salvia officinalis)
Sandalwood (Santalum album)
Spikenard (Nardostachys jatamansi)
Tea Tree (Melaleuca alternifolia)
Thyme (Thymus vulgaris)
Tuberose (Polianthes tuberosa)
Vanilla (Vanilla planifolia)
Vetiver (Vetiveria zizanoides)
Violet (Viola odorata)
Yarrow (Achillea millefolium)
Ylang-Ylang (Cananga odorata)
Expressed Essential Oils
Citron
Grapefruit
Lemon
Lime
Mandarin
Oranges Bitter
Orange, Sweet
Tinctures, Resins, Balsams
Tinctures
Infusions
Absolutes
Balsams and Resins
Benzoin
Copaiba
Galbanum
Labdanum
Myrrh and Frankincense
Olibanum
Opopanax
Peru Balsam
Styrax or Storax or Liquidambar
Tolu Balsam

8. Natural Isolates and Reconstituted
Essential Oils
Reconstituted Essential Oils
Natural Isolates
Derivatives from Isolates
Aldehydes
Ketones
Terpene Chemicals

9. The Rose Fragrance
Historical Background
Perfumery Value
Rose Growing
Nomenclature and Isolates
Extraction Methods
Adulteration
Medicinal Properties of Rose
Economics

10. Production Economics of Jasmine Concrete
Present Position in India
Scope of Jasmine Oil Industry in Tamil Nadu
Economics

11. Fragrances through Kondakov Reaction
12. Fragrances Through Ozonisation of Terpenes

13. Carvenone

14. Infrared Spectra of Pure Herbal Fractions

15. Raw Materials: Products of Synthetic Origins
Roses Odorants
Jasmin Odorants
Orange flower and Neroli Odorants
Muguet Odorants
Green Notes
Fruity Notes
Peach
Apricot
Plum
Mirabelle
Strawberry
Raspberry
Blackcurrant
Fig
Hazel
Bitter Almond
Aniseed
The Citrus Oils
Melon
Angelica oils
Woody Notes
Empyreumatic Notes
The Salicylates
Benzyl Salicylate
Isobutyl Salicylate
Methyl Salicylate
Ethyl Salicylate
Phenylethyl Salicylate
Animal Notes
Musk, Synthetic
Civet, Synthetic
Ambergris, Synthetic
Castoreum, Synthetic
Acetates
The Fatty Alcohols, Aldehydes and Acetals
Fatty Alcohols
Fatty Aldehydes
Pseudo-Aldehydes
Acetals
Anisates
Anthranilates
Benzoates
Butyrates
Caproates
Cinnamates
Formates
Phenylacetates
Propionates
Tiglates
Valerates (Valerianates)

16. Principles of Manufacture
Pressing
Maceration
Digestion
Infusion
Absorption or Enfleurage Process
Distillation
Extraction by Volatile Solvents
Ripening, Preservation, Etc.

17. Essential Extracts
Floral Oils
Selection of Site
Raw Materials
Treatment of the Ingredients
Manufacture by Maceration
Concentrating the Preparations
Hastening the Process
Tier System
Another Tire Arrangement
Oil direct from the seeds
Recipes
Bela Oil
Jasmine Oil
Chameli Oil
Champaka Oil
Kantali Champaka Oil
Jahuri Champaka Oil
Dolan Champaka Oil
Nageswar Champaka Oil
Henna Oil
Gul Henna Oil
Musk Henna Oil
Janti Oil
Mallika Oil
Tuberose Oil
Rose Oil
Bakul Oil
Ketaki Oil
Kamini Oil
Lemon Flower Oil
Gandharaj Oil
Madhumalati Oil
Khus Oil
Lotus Oil
Storing
18. Essences and Ottos
Preparation Of Essences
Mode of Preparation
Floral Extracts
Classes Of Essences
Blending
Filtering And Packing
Natural Essences
Bakul
Henna
Musk Henna
Ketaki
Bela
Mallika
Gandharaj
Hasu-No-Henna
Champaka
Jahuri Champaka
Kantali Champaka
Rose
Tuberose
Chameli
Jasmine
Khus
Janti
Orange
Ambergris
Musk
Patchouli
Clove
Lavender
Pumelo
Cassia
White Rose
Orange
Bergamot
Violet
Rose Geranium
Lemon
Sandalwood
Artificial Essences
Simple Essences
Essences from Country Ottos
Handkerchief Essences
Compound Essences
Preparation of ottos
Floral Ottos
Rose
Bela
Chameli
Jasmine
Mallika
Madhumalati
Henna
Musk Henna
Champaka
Kantali Champaka
Jahuri Champaka
Dolan Champaka
Nageswar Champaka
Bakul
Ganharaj
Hasu-No-Henna
Patchouli
Tuberose
Keora
Kamini
Khus
Janti
Pumelo
Shephalica
Sandalwood
Artificial Ottos
Marketing

19. Aromatic Waters
Rose And Keora Water
Rose Water and Otto
Keora Water

20. Blending: The Perfumer's Art
Blending for Fragrance
Classifying Odours
Perfume Categories
Floral (F)
Oriental (F/M)
Chypre (F/M)
Green (M/F)
Fougere (M)
Citrus (M)
Perfume Notes
Top Notes
Middle Notes
Base Notes
Perfume Fixatives
Top, Middle and Base Notes
Aspects of Blending
Odour Intensity
Beginning Blending
Therapeutic Blending
Safety
Purpose
Application
Step-by-Step Blending
Required Suppliers
Sample Recipes
Perfume cologne
Ancient perfume formulations
Natural Ingredients in Commercial Perfumes
Perfume Formulas Throughout History
Blending with imagination

21. Body Care
The Aromatic Bath
Floating Aromatic Bath Oils
Dispersing Bath Oils
Aromatic Bath Vinegar
Aromatic Bath Salts
Aromatic Combinations for the Bath
Steam Baths
An Aromatic Bath Experience
Foot or Hand Bath
Aromatic Body Powders
Aromatic Hair Care
An Aromatic Miscellany

22. Facial Care
Beauty Techniques
Cleansers
Steaming
Exfoliates
 Masks
Toners
Aromatic Hydrosols
Fragrant Waters
Moisturizers
Herbs and Essential Oils for the Skin
Home Facial Routine
Skin Types
"Normal" Skin
Dry Skin
Oily Skin
Combination Skin
Problem Skin

23. Hair Oil and Toilet Preparations
Scented Hair Oils
Popularity of Hair Oils
Chief Constituents
Base oils
Vegetable Base Oils
Mineral Base Oils
Benzoated Oils
Floral Oils in Hair Oil Making
Incorporation of Perfumes
Manipulations
Filtration And Refining
Filtration of Thick Oils
Refining with Animal Charcoal
Coconut Oil Refining
Deodourising Coconut Oil
Refining Castor Oil
Deodourising Castor Oil
Refining Groundnut Oil
Bleaching Groundnut Oil
Addition of scents
Colouring Hair Oils
Marketing

24. Toilet Preparations
Hair Lotions
Lipsticks
Pomades
Pomade A La Rose
Vanishing Cream
Cold Cream
Face Powders
Talcum Toilet Powder
Face Lotion
Sun Burnt Lotion
Nail Polishes
Finger-Tip Colouring
Freckle Lotion
Rouge Sticks
Hair Fixative
Non-Greasy Hair Cream
Cantharides Hair Wash
Coconut Oil Shampoo
Lime Juice Cream
Lime Juice Glycerine
Wrinkle Remover
Bindi Liquid
Bindi stick
Liquid Brilliantine
Corn Salve
Stick Cosmetic
Scent Cards
Perfume Tablet
Solid Perfume

25. Toilet Waters
Lavender Water
Amber Lavender
Lily Lavender
English Lavender Water
Ambergris Lavender Water
Eau De Lavender Millefleurs
Odoriferous Lavender Water
Florida Water
Voilet Water
Eau De Cologne
26. Taral Alta
Mode of Preparation
Marketing
Rose
Sandal
Lavender
Lily
Henna
Khus
Violet
Cherry Laurel
Tuberose
Bela
Jasmine
Champaka
Bakul
Rose

27. Flower Perfumes
Rose
Red Rose
Rose damascena
Rose centifolia
Tea Rose
Rose Marechal Niel
White Rose
Jasmin
Orange flower A
Violet
Parma Violets Absolute, Art.
Violet Base
Acacia
Broom
Carnation
Cyclamen
Fougere (Fern)
Gardenia
Hawthorn
Heliotrope
Honeysuckle
Hyacinath
Iris
Lilac
Lily-of-The-Valley
Linden (Lime Blossom)
Magnolia
Mignonette (Reseda)
Mimosa
Narcissus
Nardo
New-Mown Hay
Nicotiana
Opopanax
Orchid (Orchidee)
Pansy
Peony
Phlox
Stocks
Sweet Pea
Syringa (Philadelphus)
Aldehyde G Blend
Trefle (Clover)
Tuberose
Verbena
Wallflower
Wistaria
Ylang-Ylang

28. Sophisticated or Fantasy Perfumes
   Introductory
   Curacao Base
   Floral Bouquet Perfumes
   Bouvardia Bm
   Aldehydic Perfumes
   Chypre Types
   Oriental Perfumes
   Green Perfumes
   Dominant Note Types
   The Ambergris Note
   Manufacturing Processes
   Alcoholic Strengths
   Control

29. Perfumes for Men
   Eau de Cologne
   Toilet Waters
   Modified Colognes
   Perfumes for Men

30. Perfumes for Many Purposes
   The uses of Perfumes
   Perfumes for Soaps
   Soap Perfumery Fashions
   Perfuming synthetic detergents
   Perfumed Disinfectants
   Perfuming the Air
   Incense and Fumigants
   Perfumed Candles
   Paints and Polishes
   Other Household Products
   Perfuming Cosmetics
   Adapting the perfume to the Vehicle
   Perfuming Creams
   Perfuming Powders
   Perfuming Lipstick and Nail Lacquer
Hair Preparation Perfumes
Perfumed Aerosols
In Pharmacy And Medicine
Industrial Perfumes
Perfumes for Textiles
Perfumed Ink and Paper
Masking Malodours

Perfume In Agriculture
Perfumed Insecticides
And Many Other Uses
Flavours As Perfumes

31. Fixation of Perfumes

Glossary

Directory Section
List of Perfumes, Cosmetics and Toiletries Manufactures
List of Machinery Suppliers (Indigenous)

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.


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.