

# Handbook on Ayurvedic Medicines with Formulae, Processes & Their Uses (2nd Revised Edition)

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Ayurvedic medicine (also called Ayurveda) is one of the world's oldest medical systems. It originated in India and has evolved there over thousands of years. It is a holistic healing science. Ayurvedic practice involves the use of medications that typically contain herbs, metals, minerals, or other materials. Now-a-days people are attracted more towards Ayurvedic medicines as the allopathic medicines are costlier and have side effects. There is more and more scientific research being conducted in our country for treatment of various diseases by Ayurvedic and herbal therapy. Research on medicinal and cosmetic uses of herbs is contributing to the growth of herbal industry. A large number of ailments have Ayurvedic treatment much superior to the other system of medicines and this has been recognized world over.

Medicine has become an increasingly accepted alternative medical treatment in America during the last two decades. Up to 80% of people in India use either Ayurveda or other traditional medicines. It is believed that building a healthy metabolic system, attaining good digestion and proper excretion leads to vitality. India is said to have advantage of well recorded and well practiced knowledge of traditional herbal medicines. Herbal products are in huge demand in the developed world for health care, for the reason that they are efficient, safe and have lesser side effects.

Efforts have been made on this book to enable readers to explore details regarding medicinal plants and their processing, learn about the unique composition of Rooh Afza, a clinical study of Chyavanaprash produced by Ayurveda rasashala, a clinical assessment of effect of triphala inlipoma, formulae and processes of different types of Ayurvedic Medicines like churan, capsules, syrup, sharbat, pastes etc that are used in various ailments. It also highlights preparation and uses of every product accompanied with their formulations which offers relief from a variety of conditions, such as cold and flu symptoms, headaches, toothaches, sore throats, high cholesterol, vision problems, anxiety, depression etc. Special content on machinery equipment photographs along with supplier details has also been included.

We hope that this book will meet every individual need who has thrust to explore and enter into the field of medicinal herbs processing.

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Nymphaea Alba (White Waterlily/Gul Nilofar)

Protulaca Oleracea (Garden Purslane/Khurfa)

Protulaca Oleracea (Garden Purslane/Khurfa)

Daucus Carota (Carrot/Gajar)

Parmelia Perlata (Stone Flower/Chharrhila)

Spinacia Oleracea (Spinach/Palak)

Mentha Arvensis (Mint/Pudina)

Luffa Cylindrica (Smooth Luffa/Hara Ghia)

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Lagenaria Siceraria Juice

Liquid Meat Extract

Ma-ul-Jaban (Yogurt)

Namakiyat (Salts)

## CHAPTER-39

Pastes

Arrowroot Paste

Starch or Amylum Paste

Gelatin Paste

Acacia Arabica Gum Paste

Cochlospermum Religiosum Gum Paste

Wheat Flour Paste

## CHAPTER-10

Characteristics and Properties of Some Ingredients

Prunus amygdalus or almond oil :

Olive oil

Crocus Sativus

Cumin

Volatile Oils : 2.5-4.5%

Sago

Scammonia

Honey

Aqua Pandanus Odoratissimus

Aqua Rosa Damascena

Ambergris

Tin

Pearls

Musk

Pistacia Lentiscus gum

Ammonium Chloride

Gold Foil

Silver Foil

## CHAPTER-41

Appendix I Preservation of Medicines

Preservation of Medicaments

Itriphals

Khamiras

Sufufs

Sharbats

Araqiyat (aquas)

Pills and tablets

Ma'juns

## CHAPTER-42

Research of Medicinal Plants

Natural Products from *Ruellia tuberosa* L.

Experimental

Fraction 'A'

Fraction 'B'

Chemical Constituents of *Phyllanthus niruri* Linn.

Experimental Procedure

Isolation :  
Compound-A  
Alkaline hydrolysis of compound-A  
Compound-B  
Isolation of compounds C and D  
Compound-C  
Compound-D  
Chemical investigation of *Symplocos racemosa* Roxb  
Chemical Investigation of *Clerodendron fragrans*  
Experimental  
Results and Discussion  
Activity of *Diospyros montana*  
Bark Extract on Ehrlich Ascites carcinoma in Mice  
Experiment  
Results and Discussion  
Chemical Constituents of *Dillenia indica*  
Linn, and *Vitex negundo* Linn.  
Experimental  
Crystalline Components of the  
Roots of *Phyllanthus reticulatus*.  
Experimental  
Results and Discussion  
Aurantiamide Acetate from  
*Artocarpus integrifolia* Linn.  
Chemical Examination of Essential Oil of  
*Coleus aromaticus* Benth  
Chemical Examination of Essential Oil  
from the leaves of *Tagetes-erecta* Linn.  
A New Neoflavonoid from *Dalbergia volubilis*  
Occurrence of D7-Sterols in *Celosia cristata* Linn.  
Terpenoids & Related Compounds : "â€"  
3b-Hydroxyfriedelan-7-one, a  
New Triterpene from *Pergularia extensa* N.E. Br.  
A new isoflavone from *Ochna squarrosa* (Linn).  
A novel quinone from *Dalbergia sissooides* Grah.  
Experimental  
A New Triterpene Acid from *Heynea trijuga* Roxb.  
A new Saponin, from the Roots of  
*Streblus asper* (Lour)  
Chemical Investigation of *Wrightia mollissima*  
Chemical Constituents of *Eucalyptus Citriodora* Roots  
Alkaloids from *Doronicum Pardalianches* Linn.  
Occurrence of Two Rare Amides in  
*Medicago Polymorpha*  
A New Flavanone Glycoside from the  
Roots of *Alstomia scholaris* R.Br.  
Isolation of Trimethoxyflavanone from the  
Bark of *Macaranga peltata* Muell  
Synthesis & Hypotensive Activity of Diaboline  
Biological activity  
Experimental Procedure  
Wieland-Gumlich aldehyde (2)  
Aprenylated anthraquinone and

a flavone from the seeds of *Cassia marginata*  
Furocoumarins from *Angelica glauca* Edgw  
Glycolone : A New 2-Quinolone  
Alkaloid from *Glycosmis pentaphylla* (Retz) DC  
A short and efficient synthesis of ethyl  
(E,E)-7,12-dioxo-octadeca-8,10-dienoate  
(ostopanic acid ethyl ester)  
Isolation & Identification of a  
New Derivative of Allophanic  
Acid from the Seed Coat of  
*Butea monosperma* (Lam.) Kuntze  
Pyroglutamylglutamineâ€”  
A new diuretic principal from  
*Dolichos biflorous* seeds  
Experimental  
A New Sorboside from *Ichnocarpus frutescens*  
Dalspinosin 7-O-b-D-Glucopyranoside, a  
New Isoflavone Glycoside from the  
Roots of *Dalbergia spinosa* Roxb.  
Uncinatone, a Diterpene Hydroquinone from  
*Clerodendron fragrans* & *C. siphonenthus*

## CHAPTER-43

Machinery & Equipments

## About NIIR

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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.

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