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.
CHAPTER-1
Medicinal Plants
Introduction
Science and Technology
Tie-up Programme
Market Potential
The unique composition of Rooh Afza

CHAPTER-2
The Properties of Rooh Afza’s Ingredients
Invert Sugar
Coriandrum Sativum (Coriander/Dhania)
Citrullus Vulgaris (Water-melon/Tarbooz)
Santalum Album (White Sandal Wood Santal Safed)
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)
Cichorium Intybus (Endiver/Kasni)
Vitis Vinifera (Dried Grapes/Munnaqqa)
Vetiveria Zizanioides (Khus Khus Grass/Khas Hindi)
Onosma Bracteatum (Burge Gaozaban)

Rooh Afza in a nutshell
Rooh Afza as nutrient
Rooh Afza for essential electrolytes
Rooh Afza for retention of body water
Rooh Afza’s medicinal properties
Rooh Afza’s soothing and refreshing properties
When to use Rooh Afza

CHAPTER-3
A Clinical Study of Chyavanaprash produced by Ayurveda Rasashala
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Materials and Methods
Materials used
Method

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A Clinical assessment of effect of Sookshma Triphala in Lipoma
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Lipoma:
About Sookshma Triphala:
Action of Triphala:
Methodology:

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A clinical study of Ayurvedic rasayana Formula viz, Rasanik-T
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Methodology:
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\* Itrifal Aftimun
\* Itrifal-I-Deedan
\* Itrifal-I-Zamani
\* Itrifal Sanai
\* Itrifal Shahtra
\* Itrifal Saghir
\* Itrifal Ghudaddi
\* Itrifal Fauladi
\* Itrifal Kabir
\* Itrifal Kishmishi
\* Itrifal Kishneezi
\* Itrifal Mundi
\* Al-Ahmar
\* Anqaruya-i-Kabir
\* Baslivun Kabir
\* Bakhor Dama
\* Barsesha
\* Barud-I-Kafuri
\* Banadiq-Al-Bazur
\* Tiryaq-I-Samania
\* Tiryaq-I-Faruq
\* Tiryaq-I-Masana
\* Tiryaq-I-Nazla
\* Tutiya-I-Kabir
\* Jawarishat
\* Jawarish Amla Sada
\* Jawarish Amla Ambari Ba Nuskha Kalan
\* Jawarish Amlalului Masih-Ul-Mulk Wali
\* Jawarish Anaran
\* Jawarish Basbasa
\* Jawarish-E-Tamr Hindi
\* Jawarish Jalinus
\* Jawarish Zarishk
\* Jawarish Zarâ€™uni Sada
\* Jawarish Zarâ€™uni Ambari Ba Nuskha Kalan
\* Jawarish Zanjibil
\* Jawarish Safar-Jali Qabiz
\* Jawarish Safar Jali Mushil
\* Jawarish Shahi
\* Jawarish Shahinshahi Ambaren
\* Jawarish Shehr Yaran
\* Jawarish Tabashir
\* Jawarish Ood Turch
\* Jawarish Ood Shirin
\* Jawarish Ood Mulayyn
\* Jawarish Fila-Fali
\* Jawarish Pawakih

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Hab Sarah
Hab Urus
Hab Ambar Momiai
Hab Fishar
Hab Fauladi
Hab Kabd Naushadri
Hab Katha
Hab Gul Akh
Hab Gul Pista
Hab Lub-ul-Khashkhash
Hab-e-Limun
Hab Mudir
Hab Marwaridi
Hab Miskeen Nawaz
Hab Mussafi Khun
Hab Maghz Badam
Hab Muqil
Hab Mumsik Surkh
Hab Mumsik Tilai
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Hab Nashat
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Halwa-i-Ghaikwar
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Khamira Abresham Sada
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Khamira Banafshah
Khamira Khashkhash
Khamira Zamarrud
Khamira Sandal Sada
Khamira Gaozaban Sada
Khamira Gaozaban Ambari
Khamira Gaozaban Ambari Jawaharwala
Khamira Gaozaban Ambari Jadwar Ood Salibwala
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Roghan Badam Shirin
Roghan Badiyan
Roghan Balsan
Roghan Banafshah
Roghan Baiza-i-Murgh
Roghan Pista
Roghan Pumba Danah
Roghan Turb
Roghan Jamalgotah
Roghan Henna
Roghan Khashkhash
Roghan Darchini
Roghan Dhatura
Roghan Zift
Roghan Zaitun
Roghan Surkh
Roghan Santara
Roghan Suranjan
Roghan Seer
Roghan Shafa
Roghan Sandal
Roghan Aqrab
Roghan Qurtum
Roghan Qust
Roghan Quba
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Roghan Kahu
Roghan Kuchla
Roghan Kaddu
Roghan Kishneez
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Roghan Kamila
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Sufuf Chutki
Sufuf Cheb Gaz Wala
Sufuf Habis
Sufuf Khas
Sufuf Dama
Sufuf Surkh
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Sufuf Suzak
Sufuf Shahtarrah
Sufuf Shora Qalmi
Sufuf Shirin
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Sharbat Aftimun
Sharbat Afsantin
Sharbat Anar Tursh
Sharbat Anar Shirin
Sharbat Anjabar
Sharbat Anjir
Sharbat Angur Tursh
Sharbat Angur Shirin
Sharbat Ananas
Sharbat Bazuri Barad
Sharbat Bazuri Har
Sharbat Bazuri Motadil
Sharbat Banafsha
Sharbat Bihi
Sharbat Belgiri
Sharbat Tamar Hindi
Sharbat Tut Siyah
Sharbat Hab-Ul-As
Sharbat Khaksi
Sharbat Khashkhash
Sharbat Dinar
Sharbat Zanjbil
Sharbat Zufah Sada
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Sharbat Santara
Sharbat Saib
Sharbat Shafa
Sharbat Sadar
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Sharbat Faryad Ras
Sharbat Fawakih
Sharbat Qabz Kusha
Sharbat Kasni
Sharbat Kaknaj
Sharbat Kusus
Sharbat Keora
Sharbat Gaozaban
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Arq Ilaichi
Arq Ananas
Arq Badiyan
Arq Brinjasuf
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Arq Baid Mushk
Arq Pan
Qurs Suda
Qurs Tabashir Qabiz
Qurs Tabashir Mulayyin
Qurs Ood Salib
Qurs Ghafis
Qurs Fizza
Qurs Kafur
Qurs Kaknaj
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Qurs Kahruba
Qurs Gulnar
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Kushta Abrak Siyah
Kushta Abrak Kalan
Kushta Busud
Kushta Baiza Murgh
Kushta Para
Kushta Tamysar
Kushta Tamba Safaid
Kushta Tutia
Kushta Jast
Kushta Hajr-Ul-Yahud
Kushta Khubs-Ul-Hadid
Kushta Khar Mohra
Kushta Ras Kapur
Kushta Zamarrud
Kushta Zehar Mohra
Kushta Surb
Kushta Sam-Ul-Far (Sankhia)
Kushta Sankh
Kushta Sang Jarahat
Kushta Sang Sarmahi
Kushta Shangraf
Kushta Sadaf
Kushta Tila Kalan
Kushta Tila Marwaridi
Kushta Aqiq
Kushta Faulad
Kushta Faulad Sard
Kushta Qarnul-Eil
Kushta Qal'AI
Kushta Gaodanti
Kushta Musallas
Kushta Marjan Jawaharwala
Kushta Mirgang
Kushta Marwarid
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Kushta Yaqut
Kushta Yashab
Kushton kay qurs (Kushta Tablets)
Recipes for Kushta Tablets
Kushta Abrak Safaid
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Kushta Para
Kushta Tamysar
Kushta Tamba Safaid
Kushta Jast
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Kushta Khubs-Ul-Hadid
Kushta Zehar Mohra
Kushta Sam-ul-Far
Kushta Sankh
Kushta Sang Jarahat
Kushta Sang Sarmahl
Kushta Shangraf
Kushta Sadaf
Kushta Tila Kalan
Kushta Tila Marwaridi
Kushta Aqiq
Kushta Faulad
Kushta Qarnul-Eil
Kushta Qal'AI
Kushta Gaodanti
Kushta Musallas
Kushta Marjan Jawaharwala
Kushta Marjan Sada
Kushta Mirgang
Kushta Marwarid
Kushta Nuqra
Kushta Hartal Warqi
Kushta Yaqut

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Marham Dakhliyun
Marham Ral
Marham Rusul
Marham Zardi-i-Baiza-i-Murgh
Marham Quba
Marham Kafur
Marham Mazu
Marham Nasur
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Ma'jun Izaraqi
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Ma'jun Anjir
Ma'jun Brahmi
Ma'jun Bussud
Ma'jun Baladur
Ma'jun Bawasir
Ma'jun Behmanain
Ma'jun Pumba Dana
Ma'jun Piyaz
Ma'jun Talkh
Ma'jun Sa'lab
Ma'jun Jalinoos Lului
Ma'jun Juzam
Ma'jun Jiryan Khas
Ma'jun Jalali
Ma'jun Jograj Gugul
Ma'jun Chob Chini
Ma'jun Chob Gazwali
Ma'jun Hajr-ul-Yahud
Ma'jun Hamal Ambari Alvi Khani
Ma'jun Khubs-ul-Hadid
Ma'jun Khadar
Ma'jun Dabeedul-Ward
Ma'jun Rah-ul-Mominin
Ma'jun Raig Mahi
Ma'jun Zabib
Ma'jun Zanjibil
Ma'jun Supari Pak
Ma'jun Sana
Ma'jun Sangdana Murgh
Ma'jun Sang-E-Sar-I-Mahi
Ma'jun Suranjan
Ma'jun Sohag Sonth
Ma'jun Seer Alvi Khan
Ma'jun Shir Bargadh Wali
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Ma'jun Sandal
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Muffareh Barid Sada
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Muffareh Dilkusha
Muffareh Shaikh-ul-Rais
Muffareh Kabir
Muffareh Mo'Tadil
Muffareh-Yaquti Mo'Tadil
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Namak Bawasir
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CHAPTER-36
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Naushdaroo-i-Sada
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CHAPTER-37
Preparation Methods
Preparation of sawdust
Roasting
Preparation of the watery extract (tarwiq)
Calcination (ihraq) :
Preparation of dana
Preparation of rice water (dhanab karna) :
Washing :
Purification:
Preparation of qiwam:
Qiwam generally employs the following recipe:
Gil-hikmat:
Processing:

CHAPTER-38
Techniques, Standardizations, and Preservation of Medicines

Triphala Infusion
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
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Sufufs
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Pills and tablets
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Chemical investigation of Symplocos racemosa Roxb
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Results and Discussion
Activity of Diospyros montana
Bark Extract on Ehrlich Ascites carcinoma in Mice
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Chemical Constituents of Dillenia indica
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Crystalline Components of the
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Aurantiamide Acetate from
Artocarpus integrifolia Linn.
Chemical Examination of Essential Oil of
Coleus aromaticus Benth
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from the leaves of Tagetes-erecta Linn.
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Terpenoids & Related Compounds : â€“
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New Triterpene from Pergularia extensa N.E. Br.
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A novel quinone from Dalbergia sissoides Grah.
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A new Saponin, from the Roots of
Streblus asper (Lour)
Chemical Investigation of Wrightia mollissima
Chemical Constituents of Eucalyptus Citriodora Roots
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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
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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

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 varies 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.