



## *World Skill Development Institute*

### **1. Herbal products making certificate course**

#### **Course Duration – 6 Months.**

Herbal cosmetics have been into usage from time immemorial so has been the use of Ayurvedic medicines. Ayurveda which means the complete knowledge for long life has been very popular these days on account of its minimum or zero side effects with considerable power of curing. Similarly herbal cosmetics have been of great value because of the least harm they cause to the skin and the radiance they add to the skin. These days a number of beauty products that are using the herbal formulae and Ayurveda concepts have got lot of attention and have been witnessing a huge rise in demand not only nationally but on international arena. The charm of understanding herbal product is even you can use it by making certain combination at your home and get the benefits. These are economical and sure to provide alleviate the problems not only for skin but for long term health issues also.

Herbal products combine the skills of specialists in chemistry, physics, biology, medicine and herbs. These are less likely to cause any damaging effect to health. 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. 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.

#### 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 Afzas Ingredients

Invert Sugar

Coriandrum Sativum (Coriander/Dhania)

Citrullus Vulgaris (Water-melon/Tarbooz)

Santalum Album (White Sandal Wood Sandal 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 Afzas medicinal properties

Rooh Afzas soothing and refreshing properties

When to use Rooh Afza

## CHAPTER-3

A Clinical Study of Chyavanaprash produced by

Ayurveda Rasashala

Introduction

Materials and Methods

Materials used

Method

## CHAPTER-4

A Clinical assessment of effect of

Sookshma Triphala in Lipoma

Introduction:

Lipoma:

About Sookshma Triphala:

Action of Triphala:

Methodology:

## CHAPTER-5

A clinical study of Ayurvedeeya rasayana Formula viz,

Rasanik-T

Introduction:

About formula of Rasanik-T:

Methodology:

Methodology:

Storage of Itrifal

Itrifal Ustukhuddus

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

Tiryag-I-Samania

Tiryag-I-Faruq

Tiryag-I-Masana

Tiryag-I-Nazla

Tutiya-I-Kabir

Jawarishat

Jawarish Amla Sada

Jawarish Amla Ambari Ba Nuskha Kalan

Jawarish Amlalului Masih-Ui-Mulk Wali

Jawarish Anarain

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 Tursh

Jawarish Ood Shirin

Jawarish Ood Mulayyin

Jawarish Fila-Fali

Jawarish Pawakih

Jawarish Qurtum

Jawarish Kamuni

Jawarish Kamuni Akbar

Jawarish Kamuni Kabir

Jawarish Kamuni Mushil

Jawarish Mastagi Sada

Jawarish Mastagi Kalan

Jawahar Mohra

Jaohar Khusia

Jaohar Seen

Jaohar Munaqa

CHAPTER-6

Habub (Pills)

Hab Awaz Kusha

Hab Ahmar

Hab Azraqi

Hab Asgand

Hab Ashkhar

Hab-I-Ayarij

Ayarij Fiqra

Hab-I-Ayarij

Hab Banafsha

Hab Bawasir Badi

Hab Bawasir Khuni

Hab Papeeta

Hab Pachlauna

Hab Paichish

Hab Tap Balghami

Hab Tursh Mushtahi

Hab Jalinus

Hab Jadwar

Hab Jund

Hab Jawahar

Hab Hiltit

Hab Hamal

Hab Humma

Hab Khas

Hab Khubs-ul-hadid

Hab Dad

Hab Diq-ul-Atfal

Hab Dabba Atfal

Hab Ral

Hab Rasaut

Hab Zehar Mohra

Hab Surkh Chashm

Hab Surfah

Hab Saqmunia

Hab Sumaq

Hab Soranjan

Hab Siyah Chashm

Hab Seen

Hab Shabyar

Hab Shafa

Hab Shahiqa

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

Hab Mumsik Ambari

Hab Momiai Sada

Hab MIA™A

Hab Narkachur

Hab Nazia

Hab Nashat



Hab Yarqan

## CHAPTER-7

Halway

Halwa-I-Badam

Halwa-I-Baiza-I-Murgh

Halwa-I-Saâ€™™lab

Halwa-I-Supari Pak

Halwa-i-Gazar Maghzsar-i-Kunjashkwala

Hal]wa-I-Ghaikwar

## CHAPTER-8

Khamiray

Khamira Abresham Hakim Arshadwala

Khamira Abresham Sada

Khamira Abresham Shira-I-Unabwala

Khamira, Abresham Ood Mastagiwala

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

Khamira Marwarid

Khamira Marwarid Khas

Khamira Marwarid ba Nuskha-I-Kalan

Khamira Nazli Jawahar Wala

## CHAPTER-9

Dawa-ul-Shifa

Dawa-ul-Karim Kabir

Dawa-ul-Misk Barid Jawahardar

Dawa-ul-Misk Barid Sada

Dawa-UI-Misk Har Jawahardar

Dawa-UI-Misk Har Sada

Dawa-ul-Misk Motadil Sada

## CHAPTER-10

Dawa-I-Abzan

Dawa-I-Aswad

Dawa-I-Ishal-I-Itfal

Dawa-I-Aoja

Dawa-I-Kharish Jadid

Dawa-I-Khas

Dawa-I-Dipti Saheb

Dawa-I-Subuk

Dawa-I-Sang

Dawa-I-Siyah Paichish

Dawa-I-Siyah Kabutar Wali

Dawa-i-Siyah Mushil

Dawa-i-Sandal

Dawa-i-Gharghara

Dawa Karhaiwali

Dawa-i-Gulu

Dawa-i-Mazmaza

Dayaquza

Zarurat

Zarur Chhalon Wala

Zarur-e-Mujaffif

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Rubub

The Hamdard Steam Method for 'Rub'

Manufacture

Rub-e-Anarain

Rub-e-Angur

Rub-e-Bihi

Rub-e-Toot Siyah

Rub-e-Jamun

Rub-e-Saib Shirin

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Ruhain

Ruh-e-Ajwain

Rue-e-Ilaichi

Ruh-E-Badiyan

Ruh-E-Baid Mushk

Ruh-E-Podina

Ruh-E-Keora

Ruh-E-Gaozaban

Ruh-E-Gulab

Ruh-E-Mako

CHAPTER-13

Roghaniyaat

Roghan Amla Khas

Roghan Ajwain

Roghan Erandi

Roghan Afsantin

Roghan Anaf

Roghan Aujaâ€™™ khas

Roghan Babunah

Roghan Badam Talkh

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

Roghan Kafur

Roghan Kahu

Roghan Kuchla

Roghan Kaddu

Roghan Kishneez

Roghan Kalan

Roghan Kamila

Roghan Gul

Roghan Gul Akh

Roghan Labub Subaa

Roghan Laung

Roghan Malkangni

Roghan Mahi

Roghan Mastagi

Roghan Mom

Roghan Nargis

Roghan Neem

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Sirkay (Vinegars)

Sirka Anguri

Sirka Jamun

Sirka Desi

CHAPTER-15

Sufufat

Sufuf Asal-Us-Sus

Sufuf-ul-Amlah

Sufuf Andari Julab

Sufuf Andari Julab

Sufuf Bars

Sufuf Barq

Sufuf Burg hina wala

Sufuf Basbasa

Sufuf Chutki

Sufuf Cheb Gaz Wala

Sufuf Habis

Sufuf Khas

Sufuf Dama

Sufuf Surkh

Sufuf Suranjan

Sufuf Suzak

Sufuf Shahtarah

Sufuf Shora Qalmi

Sufuf Shirin

Sufuf Sandal

Sufuf Tabashir

Sufuf Tehal

Sufuf Teen

Sufuf Fizzah

Sufuf Fauladi

Sufuf Qinnab

Sufuf Kushta Qalai

Sufuf Kishneezi

Sufuf Kalan

Sufuf Lodh

Sufuf Longa

Sufuf Muhafiz Janeen

Sufuf Muzeed-C-Sheer

Sufuf Mushil

Sufuf Musaffi Khas

Sufuf Muqliyasa

Sufuf Mulliyin

Sufuf Muallif

Sufuf Moya

Sufuf Muhazzil

Sufuf Na'Na

Sufuf Namak Sulaimani

Sufuf Namak Shaikh-Ur-Rais

## CHAPTER-16

Sikanjbin

Sikanjbin Bazuri

Sikanjbin Sada

Sikanjbin Limun

Sikanjbin Na€™Na

## CHAPTER-17

Sununat

Sunun poast Mughilan

Sunun Tambaku

Sunun Khas

Sunun Zard

Sunun Supari

Sunun Kalan

Sunun Mujalli

Sunun Missi

Sunun Muqawwi-E-Dandan

## CHAPTER-18

Sharbat

Sharbat Alu Balu



Sharbat Alu Bokhara  
Sharbat Abresham  
Sharbat Ahmad Shahi  
Sharbat Arzani  
Sharbat Ustukhuddus  
Sharbat Aijaz  
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-UI-As  
Sharbat Khaksi

Sharbat Khashkhash

Sharbat Dinar

Sharbat Zanjbil

Sharbat Zufah Sada

Sharbat Zufah Murrakab

Sharbat Santara

Sharbat Saib

Sharbat Shafa

Sharbat Sadar

Sharbat Sandal

Sharbat Ushbah Khas

Sharbat Unnab

Sharbat Phalsa

Sharbat Faryad Ras

Sharbat Fawakih

Sharbat Qabz Kusha

Sharbat Kasni

Sharbat Kaknaj

Sharbat Kusus

Sharbat Keora

Sharbat Gaozaban

Sharbat Gazar

Sharbat Gurhal

Sharbat Gulab

Sharbat Laukat

Sharbat Mudir

Sharbat Murakkab Musaffi Khun

Sharbat Mushil

Sharbat Mulayyan

Sharbat Mawaiz

Sharbat Naranj

Sharbat Nankhwah

Sharbat Nilofar

Sharbat Ward

CHAPTER-19

Shiyaf (Suppositories)

Shiyaf Abyaz

Shiyaf Aksir Chashm

CHAPTER-20

Zimadat (Pastes, Poultices)

Zimad Ushuq

Zimad Bars

Zimad Bawasir

Zimad Jalinus

Zimad Jarb

Zimad Rahat

Zimad Sumbul-Ut-Teeb

Zamad Sheer Shutar

Zimad Kibrit

Zimad Mohasa

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Tila

Tila-I-Almas

Tila-I-Surkh

Tila-I-Urusak

Tila-I-Mussamin

Tila-I-Mushkwala

## CHAPTER-22

Arqiyat (Aguas)

Arq Ajwain

Arq Ilaichi

Arq Ananas

Arq Badiyan

Arq Brinjasuf

Arq Bahar

Arq Baid Mushk

Arq Pan

Arq Podina

Arq Peppermint Vilayati

Arq Chiraita

Arq Dasmol

Arq Zira

Arq Shahtara

Arq Shir Murakkab

Arq Ushba

Arq Ambar

Arq Fawakeh

Arq Faulad

Arq Kafur

Arq Kasni

Arq Keora

Arq Gaozaban

Arq Gaz

Arq Gazar Sada

Arq Gazar Ambari

Arq Gulab

Arq Gilo

Arq Maul Jubn

Arq Maul Laham Ambariba Nushka Kalan

Arq Maul Laham Mako Kasniwala

Arq Murakkab Musaffi Khun

Arq Mundi

Arq Naâ€™na

Arq Nilofar

Arq Hazim

Arq Hara Bhara

Ghaza-I-Husn Afza

Faulad Sayyal

CHAPTER-23

Aqras (Tablets)

Qurs Abiaz

Qurs Asfar

Qurs Alkali

Qurs Bandish Khun

Qurs Podina

Qurs Takhmir

Qurs Tankar

Qurs Taifudia

Qurs Habis

Qurs Hilitit

Qurs Humma Jadid

Qurs Kharatin

Qurs Dawa Karhai Wali

Qurs Didan

Qurs Ziabitus

Qurs Zarishk

Qurs Sartan

Qurs Salajit

Qurs Sailan

Qurs Sailan Jadid

Qurs Suda

Qurs Tabashir Qabiz

Qurs Tabashir Mulayyin

Qurs Ood Salib

Qurs Ghafis

Qurs Fizza

Qurs Kafur

Qurs Kaknaj

Qurs Kabid Naushadri

Qurs Kahruba

Qurs Gulnar

Qurs Mussalas

Qurs Mushil

Qurs Mulayyin

CHAPTER-24

Qaturat (Eye Drops)

Qatur Ramad

Qatur Siyah

Qul'Ai

Qairuti Arad Krasna

Kafur Sayyal

CHAPTER-25

Kuhl (Collyriums)

(i) Kuhl-ul-Jawahar

Kuhl Bayaz

Kuhl Chikni Dawa

Kuhl Roshania

Kuhl Shifa

Kuhl Sadaf

Kuhl Gul Kunjad

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Kushtay

Kushta Abrak Safaid

Kushta Abrak Siyah

Kushta Abrak Kalan

Kushta Busud

Kushta Baiza Murgh

Kushta Para

Kushta Tamysar

Kushta Tamba Safaid

Kushta Tutia

Kushta Jast

Kushta Hajr-UI-Yahud

Kushta Khubs-UI-Hadid

Kushta Khar Mohra

Kushta Ras Kapur

Kushta Zamarrud

Kushta Zehar Mohra

Kushta Surb

Kushta Sam-UI-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'Al

Kushta Gaodanti

Kushta Musallas

Kushta Marjan Jawaharwala

Kushta Mirgang

Kushta Marwarid

Kushta Nuqra

Kushta Hartal Warqj

Kushta Yaqut

Kushta Yashab

Kushton kay qurs (Kushta Tablets)

Recipes for Kushta Tablets

Kushta Abrak Safaid

Kushta Abrak Siyah

Kushta Abrak Kalan

Kushta Busd

Kushta Baiza Murgh

Kushta Para

Kushta Tamysar

Kushta Tamba Safaid

Kushta Jast

Kushta Hajr-UI-Yahud

Kushta Khubs-UI-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'Al

Kushta Gaodanti

Kushta Musallas

Kushta Marjan Jawaharwala

Kushta Marjan Sada

Kushta Mirgang

Kushta Marwarid

Kushta Nuqra

Kushta Hartal Warqi

Kushta Yaqut

Kushta Yashab

Malti Basant (q.v.)

#### CHAPTER-27

Gulqands (Sugared Flowers)

Gulqand Seoti

Gulqand Gulab

#### CHAPTER-28

Gandhak Sayyal

#### CHAPTER-29

Lububat

Lubub-Al-Asrar

Lubub Barid

Lubub Saghir

Lubub Kabir

Lubub Mo'Tadil

#### CHAPTER-30

Laoquat (Electuaries)

Laoq Ab Tarbuz Wala

Laoq Ab Naishakar Wala

Laoq Badam

Laoq Bihdana

Laoq Hab-UI-Sanobar

Laoq Rabavi

Laoq Sapistan

Laooq Sapistan Khiyar Shambari

Laooq Zeequn-Nafs

Laooq Katan

Laooq Maseehi

Laooq MÃ²Tadil

Laooq Nazli

Maltibasant

Ma'h-UI-Zahhab

CHAPTER-31

Murabbay (Preserves)

Murabba-I-Amla

Murabba-I-Adrak (Murabba-I-Zanjibil)

Murabba-I-Ananas

Murabba-I-Bihi

Murabba-I-Belgiri

Murabba-I-Paitha

Murabba-I-Saib

Murraba-I-Gazar

Murraba-I-Nashpati

Murakkabi

Marwarid Sayyal

CHAPTER-32

Marhamain (Unguenta, Salves, Ointments)

Marham Atishak

Marham Ushaq

Marham Basliqun

Marham Bawasir Jadid

Marham Jadwar

Marham Kharish Jadid

Marham Dakhliyun

Marham Rai

Marham Rusul

Marham Zardi-i-Baiza-i-Murgh

Marham Quba

Marham Kafur

Marham Mazu

Marham Nasur

Mussafi-i-Rehem

CHAPTER-33

Ma'Junain (Confections, Electuaries)

Ma'jun Arad Khurma

Ma'jun Izaraq

Ma'jun Ispand Soakhtani

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

Ma'jun Samagh

Ma'jun Sandal

Ma'jun Ushba

Ma'jun Aqrab

Ma'jun Filasfa

Ma'jun Finjinosh

Ma'jun Fotinji

Ma'jun Qurtum

Ma'jun Kalan

Ma'jun Kalkalanj

Ma'jun Kundur

Ma'jun Masik-ul-boul

Ma'jun Mobahee Antaki

Ma'jun Murraweh-ul-Arwah

Ma'jun Mughalliz

Ma'jun Mughalliz Jawahar Wali

Ma'jun Muqil

Ma'jun Muqawwi Wa Mumsik

Ma'jun Mundi

Ma'jun Mochras

Ma'jun Musli Pak

Ma'jun Momiai

Ma'jun Muhazzil

Ma'jun Nankhwah

Ma'jun Nankhwah Mushki

Ma'jun Najah

Ma'jun Nisyan

Ma'jun Nishara-i-Aj Wali

Ma'jun Nuqra

Ma'jun Halila

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Muffarehat (Exhilirants)

Muffareh Azam

Muffareh Barid Jawaharwali

Muffareh Barid Sada

Muffareh Buqrat

Muffareh Dilkusha

Muffareh Shaikh-ul-Rais

Muffareh Kabir

Muffareh Mo'Tadil

Muffareh-Yaquti Mo'Tadil

CHAPTER-35

Namak Bawasir

Namak Mirgang

Naushdaroo

Naushdaroo-i-Sada

Naushdaroo-i-Lului

CHAPTER-36



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 qiwan :

Qiwan generally employs the following recipe :

Gil-hikmat :

Processing :

CHAPTER-37

Techniques, Standardizations, and Preservation of Medicines

Triphala Infusion

Lagenaria Siceraria Juice

Liquid Meat Extract

Ma-ul-Jaban (Yogurt)

Namakiyat (Salts)

CHAPTER-38

Pastes

Arrowroot Paste

Starch or Amylum Paste

Gelatin Paste

Acacia Arabica Gum Paste

Cochlospermum Religiosum Gum Paste

Wheat Flour Paste

## CHAPTER-39

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-40

Appendix I Preservation of Medicines

Preservation of Medicaments

Itriphals

Khamiras

Sufufs

Sharbats

Araqiyat (aquas)

Pills and tablets

Ma'juns

CHAPTER-41

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

Pyroglutamylglutamine

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*