

RayatShikshan Sanstha's

D. P. Bhosale College, Koregoan

Department of Botany

VALUE ADDED COURSE-HERBAL PRODUCTS (2021-2022)

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A. P. Bhosale

Head

**Department of Botany
D. P. Bhosale College, Koregoan**

Rayat Shikshan Sanstha's
D. P. Bhosale College, Koregoan

Department of Botany

VALUE ADDED COURSE-HERBAL PRODUCTS(2021-2022)

NOTICE

Date: 26/12/2021

All the students of B. Sc. Part I, II & III are hereby informed that the Department of Botany is conducting a self-financed One-month Value Added Course "Herbal products". The interested students register their names to Dr. R.B. Patil before 10th December 2021.

R.B. Patil

Course

Co-ordinator

K. S. Patil

Head

Department of Botany

[Signature]

Principal

D. P. Bhosale College, Koregaon



Rayat Shikshan Sanstha's

D. P. Bhosale College, Koregaon

Department of Botany

VALUE ADDED COURSE-HERBAL PRODUCTS(2021-2022)

Board of Studies Panel

Sr. No.	Name of the Faculty	Expert
1.	Dr. S. M. Deshpande Head, Department of Botany, D. P. Bhosale College, Koregaon, Dist.-Satara	Internal Expert
2.	Dr. R. B. Patil , Assistant Professor, D. P. Bhosale College, Koregaon, Dist.- Satara	Internal Member
3.	Dr. U.A.Desai , Assistant Professor, D. P. Bhosale College, Koregaon, Dist. - Satara	Internal Member
4.	Dr. S.S.Patil , Assistant Professor, D. P. Bhosale College, Koregaon, Dist. - Satara	Internal Member
5.	Dr. P. P. Kamble , Assistant Professor, D. P. Bhosale College, Koregaon, Dist. - Satara	Internal Member
6.	Dr. U. S. Pawar Head, Department of Botany Amdar Shashikant Shinde Mahavidyalaya, MedhaDist. -Satara	External Expert


Head
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VALUE ADDED COURSE-HERBAL PRODUCTS(2021-2022)

1. Eligibility: XII std. Pass
2. Duration of Course: 1 Month
3. No. of Students: 15
4. Examination: Theory (50 Marks)
Practical (40 Marks)
Submission (10 Marks)
Total 100 Marks
5. Faculty: Dr. S. M. Deshpande
Dr. R. B. Patil
Dr..U.A.Desai
Dr. S.S. Patil
Dr. P. P. Kamble
6. Co-ordinator: Dr.R.B.Patil
7. Director: Principal, D. P. Bhosale College, Koregaon

K. S. Patil
Head

Department of Botany
D. P. Bhosale College, Koregaon

Department of Botany

VALUE ADDED COURSE-HERBAL PRODUCTS(2021-2022)

SYLLABUS

Unit I. Introduction **2 Hours**

Introduction to herbal products, Ayurveda and Ethnobotany.
Commercial scope of herbs and herbal products in human welfare.

Unit II. Cultivation practices in herbs. **8 Hours**

Vegetative and sexual methods of propagation.
Use of modern techniques of multiplication and disease management.

Unit III Cosmetics **8 Hours**

Herbal oil-Jaswand, Curry leaves, Amala, Onion,Coconut,Castor
Herbal facepack-Multani mitti, Chandan, Aloe, Nutmeg, Turmeric, Citrus, Cyperus, Honey.
Herbal shampoo-Ritha,Shikakai,Neem, Amla,Indigo.
Herbal lip balm-Petroleum gelly,rose,beetroot.

Unit IV Medicines **8 Hours**

Churna- Amla, Hirda, Behda
Kadha- Tulsi, Ashvagandha, Ginger, Gulvel,Turmeric, Black pepper, clove
Alepak, Gulkand
Herbal Tea-Tulsi, lavang, lemon grass, lemon, Welchi, honey, dalchini,ginger.

Practicals **8 Hours**

1. Formulation of cosmetic product Amla hair oil.
2. Formulation of cosmetic product Heena hair oil.
3. Formulation of cosmetic product Aloe vera Gel.
4. Formulation of cosmetic product Cucumber gel.

A. S. Patil
Head

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Department of Botany
VALUE ADDED COURSE-HERBAL PRODUCTS(2021-2022)
Departmental Meeting Notice

Date: 11.12.2021

NOTICE

The faculty from Department of Botany is hereby requested to attend departmental meeting arranged at 3.00 pm on 12.12.2021 for implication of Value Added Course "Herbal Products".

1. Distribution of the syllabus.
2. Preparation of time table.
3. Planning of conduction of value added course.

Ravopneja
Head,

Department of Botany

Dr.R.B.Patil

RBPatil

Dr.U.A.Desai

UADesai

Dr.S.S.Patil

SSP

Dr.P.P.Kamble

PPK

D. P. Bhosale College, Koregoan
Department of Botany
VALUE ADDED COURSE-HERBAL PRODUCTS
2021-22

Minutes of the meeting

Date: 12.12.2021

The meeting of faculty from department of Botany was arranged on 12.12.2021 at 3.00 pm.

The subjects discussed and decisions taken in meeting are:

- Time table and distribution of syllabus of Value-Added Course "Herbal Products" is prepared.


Head
Department of Botany
D. P. Bhosale College, Koregoan

Dr.R.B.Patil

RBPati

Dr.U.A.Desai

UADesai

Dr.S.S.Patil

SSP

Dr.P.P.Kamble

PPK

Rayat Shikshan Sanstha's

D. P. Bhosale College, Koregaon

Department of Botany

VALUE ADDED COURSE-HERBAL PRODUCTS (2021-2022)

TIME TABLE

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Theory: 10.00- 11.20 a.m.	RBP/SSP	PPK/UAD	SMD	-	-	-
Practical: 4.00-5.00 p.m.	-	-	RBP/SSP/ PPK/UAD	-	-	-

A. P. Bhosale

Head

Department of Botany

D. P. Bhosale College, Koregaon

Department of Botany

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VALUE ADDED COURSE-HERBAL PRODUCTS(2021-2022)

SYLLABUS DISTRIBUTION

Introduction to herbal products, Ayurveda and Ethnobotany. Commercial scope of herbs and herbal products in human welfare.	Dr.S.M.Deshpande
Vegetative and sexual methods of propagation. Use of modern techniques of multiplication and disease management.	Dr.R.B.Patil
Herbal oil-Jaswand, Curry leaves, Amala, Onion,Coconut,CastorHerbal facepack-Multani mitti, Chandan, Aloe, Nutmeg, Turmeric, Citrus, Cyperus, Honey.Herbal shampoo-Ritha,Shikakai,Neem, Amla,Indigo. Herbal lip balm-Petroleum gelly,rose,beetroot.	Dr.U.A.Desai
Churna- Amla, Hirda, Behda Kadha- Tulsi, Ashvagandha, Ginger, Gulvel,Turmeric, Black pepper, clove Alepak, Gulkand Herbal Tea-Tulsi, lavang, lemon grass, lemon, Welchi, honey, dalchini,ginger.	Dr.S.S.Patil/ Dr.P.P.Kamble
Practicals: 1. Formulation of cosmetic product Amla hair oil. 2. Formulation of cosmetic product Heena hair oil. 3. Formulation of cosmetic product Aloe vera Gel. 4. Formulation of cosmetic product Cucumber gel.	Dr.S.S.Patil/ Dr.P.P.Kamble

Kawapnaga
Head
Department of Botany
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Department of Botany

VALUE ADDED COURSE-HERBAL PRODUCTS(2021-2022)

WORKLOAD DISTRIBUTION

Name of the faculty	Total workload T/P allotted
Dr.S.M.Deshpande	2
Dr.R.B.Patil	8
Dr.U.A.Desai	8
Dr.S.S.Patil	8
Dr.P.P.Kamble	8

K. W. Patil
Head

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Rayat Shikshan Sanstha's

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Department of Botany

VALUE ADDED COURSE-HERBAL PRODUCTS(2021-2022)

Name list of Enrolled students

Sr. No.	Name of the Student
1.	Mahesh Dattatray Sathe
2.	Sanjivani Rajendra Bhise
3.	Suchita Dattratay Gaikwad
4.	Payal Hanumant Ghorpade
5.	Ruksar Dilawar Shikalgar
6.	Siddhi Pandurang Jadhav
7.	Aishwarya Hanumant Raut
8.	Pranali Sanjay Tambe
9.	Arati Tanaji Gaikwad
10.	Uday Yuvraj Mane
11.	Ayesha Tajuddin Shikalgar
12.	Priti Savata Raskar
13.	Shraddha Hanumant Bhosale
14.	Snehal Sandip Chavan
15.	Renuka Jadhav

Kawapnaja
Head

Department of Botany
D. P. Bhosale College, Koregoan

12.	Shikalgar Priti Savata Raskar	RPS	RPS	RPS	RPS	RPS	RPS	RPS	RPS	RPS	RPS	RPS	RPS
13.	Shraddha Hanumant Bhosale	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB
14.	Snehal Sandip Chavan	<u>Chavans</u>	<u>Chavans</u>	<u>Chavans</u>	<u>Chavans</u>	<u>Chavans</u>	<u>Chavans</u>	<u>Chavans</u>	<u>Chavans</u>	<u>Chavans</u>	<u>Chavans</u>	<u>Chavans</u>	<u>Chavans</u>
15.	Renuka Jadhav	RJadhav	RJadhav	RJadhav	RJadhav	RJadhav	RJadhav	RJadhav	RJadhav	RJadhav	RJadhav	RJadhav	RJadhav


Head

Department of Botany
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Department of Botany
Year: 2021-2022

Value Added Course -Herbal Products

**Question
Paper:**

Theory

Date: 25/1/2022 Day: Tuesday

Marks: 50

Time: 45 Minutes

Instructions:

All questions are Compulsory

Draw neat and labeled diagrams wherever necessary

Figures to the right indicate full marks

Q.1 Give an account of importance ofHerbal drugs and their types

20 Marks

OR

Give an account of different methods of cultivation.

Q.2. Write short notes on any three.

30 Marks

a. Herbal face pack.

b. Herbal shampoo

c. Herbal lip balm

d. Churna

e. Kadha

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Year: 2021-2022

Value Added Course -Herbal products

**Question
Paper:
Practical**

Date: 26/1/2022

Day: Wednesday

Marks: 40**Time:** 45 Minutes

Instructions:

All questions are Compulsory

Draw neat and labeled diagrams wherever necessary

Figures to the right indicate full marks

1. Identify and describe

20 Marks

a. kadha

b. churna

c. Method of propagation

d. Hair oil

2. Prepare kadha/ churna / Hair oil

20 Marks

OR

Demonstrate method of propagation.

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RESULT

Sr. No.	Name of Students	Theory Marks/50	Practical Marks/40	Submission Marks/10	Total marks/100
1.	Mahesh Dattatray Sathe	35	35	10	80
2.	Sanjivani Rajendra Bhise	40	38	10	88
3.	SuchitaDatttratay Gaikwad	39	35	10	84
4.	PayalHanumantGhorpade	38	35	10	83
5.	RuksarDilawarShikalgar	32	38	10	80
6.	Siddhi Pandurang Jadhav	35	35	10	80
7.	Aishwarya Hanumant Raut	31	36	10	77
8.	Pranali Sanjay Tambe	40	37	10	87
9.	AratiTanaji Gaikwad	40	38	10	88
10.	Uday Yuvraj Mane	38	35	10	83
11.	Ayesha Tajuddin Shikalgar	32	37	10	79
12.	PritiSavataRaskar	35	35	10	80
13.	Shraddha Hanumant Bhosale	38	35	10	83
14.	Snehal Sandip Chavan	40	38	10	88
15.	Renuka Jadhav	39	38	10	87



Head

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VALUE ADDED COURSE-HERBAL PRODUCTS(2021-2022)

OUTCOMES OF THE COURSE

Department of Botany conducted Value Added course for students on "Herbal Products".15 students are enrolled in this course. Formulation and preparation of herbal products like Churna and Hair oil are studied. The students are benefited regarding preparation of herbal products.

K. M. D. P. N. J. A.
Head

**Department of Botany
D. P. Bhosale College, Koregoan**



RAYAT SHIKSHAN SANSTHA'S

D. P. BHOSALE COLLEGE, KOREGAON

DIST-SATARA, MAHARASHTRA, INDIA-415501



Certificate/ Add-On/ Value added Certificate

2021-22

Certificate

This is to certify that, Mr./Ms./Miss.....
.....participated in the Certificate/ Add-On/ Value added Certificate on
“Add on Course in Herbal Product” Organized by Department of Botany, D.
P. Bhosale College, Koregaon, Satara (Maharashtra).

Coordinator



Principal