



Shri Shivaji Education Society's,
MAHASATEE ARTS, COMMERCE & SCIENCE COLLEGE, ULGA, KARWAR

DEPARTMENT OF BOTANY

ADD ON CERTIFICATE COURSE IN HERBAL TECHNOLOGY

Herbal technology plays a vital role in healthcare by providing natural, sustainable, and effective solutions for various health issues, while also supporting economic development and cultural preservation.

**"Harness Nature's Power
with Herbal Technology!"**



2022



ಶ್ರೀ ಶಿವಾಜಿ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಯ

ಮಹಾಸತಿ ಕಲಾ,ವಾಣಿಜ್ಯ ಹಾಗೂ ವಿಜ್ಞಾನ ಮಹಾವಿದ್ಯಾಲಯ ಉಳಗಾ,ಕಾರವಾರ-581328

ನ್ಯಾಕನಿಂದ "ಬಿ" ಮಾನ್ಯತೆ ಪಡೆದಿದೆ

ShriShivaji Education Society's,

MAHASATEE ARTS,COMMERCE& SCIENCE COLLEGE,ULGA,KARWAR,
Uttar Kannada,Karnataka-581328

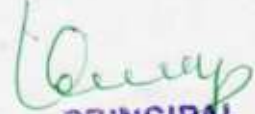
Accredited by NAAC with "B" Grade

Phone:08382-257033 E-mail:sesmahasateeuk@gmail.com Website:www.sesmacs.co.in

List of students enrolled for "HERBAL TECHNOLOGY"

Add-on Certificate course 2022-23

SL.NO	REGISTER NO.	NAME OF THE STUDENTS	CLASS	SIGNATURE
1.	20S17701	Abhay K. Baadkar	B.Sc-III	Abhay Baadkar
2.	20S17702	Abhishek A. Devadas	B.Sc-III	Abhishek A. Devadas
3.	20S17706	Girish P. Nagekar	B.Sc-III	Girish P. Nagekar
4.	20S17707	Gurunath.R.Naik	B.Sc-III	Gurunath R. Naik
5.	20S17708	Manoj P. Naik	B.Sc-III	Manoj P. Naik
6.	20S17709	Manasi U. Powar	B.Sc-III	Manasi U. Powar
7.	20S17710	Manthan D. Naik	B.Sc-III	Manthan D. Naik
8.	20S17711	Namrata A. Naik	B.Sc-III	Namrata A. Naik
9.	20S17712	Neha H. Gunagi	B.Sc-III	Neha H. Gunagi
10.	20S17714	Pankaj R. Gaonkar	B.Sc-III	Pankaj R. Gaonkar
11.	20S17715	Prajwal P. Gaonkar	B.Sc-III	Prajwal P. Gaonkar
12.	20S17719	Ritik Naik	B.Sc-III	Ritik Naik
13.	20S17720	Rohan D. Pawar	B.Sc-III	Rohan D. Pawar
14.	20S17721	Sagar G. Mirashi	B.Sc-III	Sagar G. Mirashi
15.	20S17726	Shradha D. Naik	B.Sc-III	Shradha D. Naik
16.	20S17728	Shweta G. Barsekar	B.Sc-III	Shweta G. Barsekar
17.	20S17729	Shweta C. Lolekar	B.Sc-III	Shweta C. Lolekar
18.	20S17730	Sneha A. Gunagi	B.Sc-III	Sneha A. Gunagi
19.	20S17731	Sonali S. Naik	B.Sc-III	Sonali S. Naik
20.	20S17732	Sulaksha U. Gangeputra	B.Sc-III	Sulaksha U. Gangeputra
21.	20S17733	Suvarna M. Desai	B.Sc-III	Suvarna M. Desai
22.	20S17736	Vigneshwar U. Talekar	B.Sc-III	Vigneshwar U. Talekar


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ADD ON CERTIFICATE COURSE IN HERBAL TECHNOLOGY SYLLABUS

Periods:- 30 hrs

Max.Marks:-100

Unit- I

Herbs as raw materials: Definition of herb, herbal medicine, herbal medicinal product, herbal drug preparation Source of Herbs Selection, identification and authentication of herbal materials Processing of herbal raw material

Biodynamic Agriculture: Good agricultural practices in cultivation of medicinal plants including Organic farming Pest and Pest management in medicinal plants:

Indian Systems of Medicine

1. Basic principles involved in Ayurveda, Siddha, Unani and Homeopathy
2. Preparation and standardization of Ayurvedic formulations viz Aristas and Asawas, Ghutika, Chur- na, Lehya and Bhasma.

Unit II

Nutraceuticals

General aspects, Market, growth, scope and types of products available in the market. Health benefits and role of Nutraceuticals in ailments like Diabetes, CVS diseases, Cancer, Irritable bowel syndrome and vari- ous Gastro-intestinal diseases.

Study of following herbs as health food: Alfaalfa, Chicory, Ginger, Fenugreek, Garlic, Honey, Amla, Gin- seng, Ashwagandha, Spirulina


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Herbal-Drug and Herb-Food Interactions: General introduction to interaction and classification.

Unit III

Herbal Cosmetics: Sources and description of raw materials of herbal origin used via, fixed oils, waxes, gums colours, perfumes, protective agents, bleaching agents, antioxidants in products such as skin care, hair care and oral hygiene products.

Herbal excipients: Herbal Excipients – Significance of substances of natural origin as excipients – colorants, sweeteners, binders, diluents, viscosity builders, disintegrants, flavors & perfumes.


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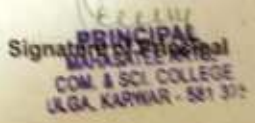
ATTENDANCE REGISTER FOR THE ACADEMIC YEAR 2022 - 2023

ADD ON CERTIFICATE COURSE IN HERBAL TECHNOLOGY SUBJECT: Herbal Technology

SEMESTER:

Admission No.	Roll	Name of the Student	Attendance																			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1		Mr. Abhishek K. Bhandari	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2		Ms. Abhishek D. Desai	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3		Mr. Gaurish P. Nayekar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4		Mr. Gaurish R. Naik	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5		Mr. Manoj P. Naik	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6		Miss Manoj V. Pawar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7		Mr. Manoj D. Naik	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8		Miss Namrata A. Naik	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9		Miss Neha H. Gungor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10		Mr. Pratik R. Gungor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11		Mr. Pratik P. Gungor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12		Mr. Ritesh P. Pawar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13		Mr. Ritik C. Naik	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14		Mr. Sagar G. Mirashi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15		Miss Shradha D. Naik	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16		Miss Shradha G. Bhandari	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17		Miss Shradha C. Lokar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18		Miss Smita A. Gungor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19		Miss Sonali S. Naik	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20		Miss Sulakha V. G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21		Miss Suvama Desai	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22		Ms. Vigneshwar Talekar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Signature of Teacher:


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ADD-ON COURSE

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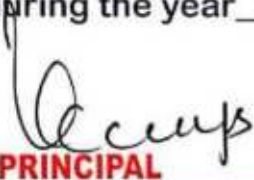
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HERBAL TECHNOLOGY

This is to certify that Mr./Ms. Pankaj. R. Goankar

Class B.Sc-IInd satisfactorily completed the course during the year 2022-2023


HOD. BOTANY


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ADD-ON COURSE

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HERBAL TECHNOLOGY

This is to certify that Mr./Ms Sneha. A. Gurgi

Class B.Sc-IIIrd satisfactorily completed the course during the year 2022-2023


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SCIENCE COLLEGE, Ulga, Karwar**