

**Shri Sarada Education Society's
(A Linguistic Minority Educational Institute)**



**Smt Radhabai Sarada Arts, Commerce & Science College
Anjangaon Surji, Dist - Amravati, Maharashtra
NAAC Accredited 'A' with CGPA 3.21**

Department of Botany

ACADEMIC SESSION

2022-2023

REPORT ON

CERTIFICATE COURSE IN

HERBAL TECHNOLOGY

SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE
ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION : 2022-2023

Permission Letter

To
The Principal
Smt Radhabai Sarada Arts, Commerce And Science College
Anjangaon Surji

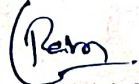
Subject: Regarding permission to conduct Certificate Course entitled "Certificate Course in Herbal Technology" during academic session 2022-2023.

Hon'ble Sir

With reference to above subject I request you to grant us permission to conduct the said course in the Department of Botany. The duration of the course will be 3 months. The syllabus of the course is enclosed herewith for your kind consideration. The course will be fruitful for the students keeping in the mind their development for agriculture and global marketing related to herbal technology.

With regards

Date: 01/12/2023


Yours faithfully

R L KULKARNI


PRINCIPAL
SMT. RADHABAI SARDA COLLEGE
OF ARTS, COMMERCE & SCIENCE
ANJANGAON SURJI

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE
ANJANGAON SURJI DIST AMRAVATI**

DEPARTMENT OF BOTANY

SYLLABUS

OF

**CERTIFICATE COURSE
IN
HERBAL TECHNOLOGY**

SESSION: 2022-2023

Name of the Certificate course: Herbal Technology

Course Objectives:

This subject gives the student the knowledge of basic understanding of herbal drug industry, the quality of raw material, guidelines for quality of herbal drugs, herbal cosmetics, natural sweeteners, nutraceutical etc. The subject also emphasizes on Good Manufacturing Practices (GMP), patenting and regulatory issues of herbal drugs

Upon completion of this course the student should be able to:

1. Understand raw material as source of herbal drugs from cultivation to herbal drug product
2. Know the WHO and ICH guidelines for evaluation of herbal drugs
3. Know the herbal cosmetics, natural sweeteners, nutraceuticals
4. Appreciate patenting of herbal drugs, GMP .

Course Learning Outcomes: Knowledge Skills

1. An appreciation of the contribution of medicinal plants to traditional and modern medicine and the importance of holistic mode of treatment of the Indian traditional systems of medicine.
2. To develop an understanding of the constraints in promotion and marketing of medicinal plants.

Professional and Practical Skills

1. Transforming the knowledge into skills for promotion of traditional medicine.
2. Developing entrepreneurship skills to establish value addition products, botanical extracts and isolation of bioactive compounds.

Syllabus :

Unit 1: Herbal medicines: history and scope - definition of medical terms - role of medicinal plants in Siddha systems of medicine; cultivation - harvesting - processing - storage - marketing and utilization of medicinal plants.

Unit 2: Pharmacognosy - systematic position medicinal uses of the following herbs in curing various ailments; Tulsi, Ginger, Fenugreek, Indian Goose berry and Ashoka.

Unit 3: Phytochemistry - active principles and methods of their testing - identification and utilization of the medicinal herbs; *Catharanthus roseus* (cardiotonic), *Withania somnifera* (drugs acting on nervous system), *Clerodendron phlomoides* (anti-rheumatic) and *Centella asiatica* (memory booster).

Unit 4: Analytical pharmacognosy: Drug adulteration - types, methods of drug evaluation - Biological testing of herbal drugs - Phytochemical screening tests for secondary metabolites (alkaloids, flavonoids, steroids, triterpenoids, phenolic compounds)

Unit 5: Medicinal plant banks micro propagation of important species (*Withania somnifera*, neem and tulsi-Herbal foods-future of pharmacognosy)

Practicals:

1. To perform preliminary phytochemical screening of crude drugs.
2. Determination of the alcohol content of Asava and Arista
3. Evaluation of excipients of natural origin
4. Incorporation of prepared and standardized extract in cosmetic formulations like creams, lotions and shampoos and their evaluation.
5. Incorporation of prepared and standardized extract in formulations like syrups, mixtures and tablets and their evaluation as per Pharmacopoeial requirements.
6. Monograph analysis of herbal drugs from recent Pharmacopoeias
7. Determination of Aldehyde content
8. Determination of Phenol content
9. Determination of total alkaloids

Suggested Readings:

- 1) Glossary of Indian medicinal plants, R.N.Chopra, S.L.Nayar and I.C.Chopra, 1956. C.S.I.R, New Delhi.
- 2) The indigenous drugs of India, Kanny, Lall, Dey and Raj Bahadur, 1984. International Boo Distributors.
- 3) Herbal plants and Drugs Agnes Arber, 1999. Mangal Deep Publications.
- 4) Ayurvedic drugs and their plant source. V.V. Sivarajan and Balachandran Indra 1994. Oxford IBH publishing Co.
- 5) Ayurveda and Aromatherapy. Miller, Light and Miller, Bryan, 1998. Banarsidass, Delhi.
- 6) Principles of Ayurveda, Anne Green, 2000. Thomsons, London.
- 7) Pharmacognosy, Dr.C.K.Kokate et al. 1999. Nirali Prakashan.

Written Examination : 50 Marks

Practical Examination: 50 Marks

- Q.1. Perform Phytochemical Screening tests(Any three). 15
- Q.2. Detremination of Aldehyde/Phenol/Alkaloids content. 05
- Q.3. Evaluate excipients of natural origin products. 10
- Q.4. Preparation and standardization of Syrup/Shampoo/Mixtures.10
- Q.5. Viva voce. 05
- Q.6. Record book. 05

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE
ANJANGAON SURJI
DEPARTMENT OF BOTANY
ACADEMIC SESSION : 2022-23**

Course Applied For: Certificate Course

Title Of The Course: Herbal Technology

Course Duration: Three Months

Course Outcome

CO-I: Understand the basic concept of Herbal Technology

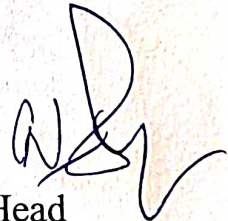
CO-II: Study of Herbal Drugs.

CO-III: Study of practical skills of Herbal Drugs Preparation

CO-IV: Study of practical skills of Neutraceutical Preparation



Course coordinator



Head
Head

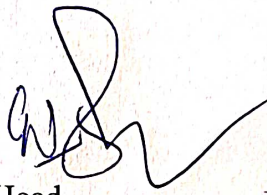
Department of Botany
Smt Radhabai Sarda Arts,
Commerce & Science College
Anjangaon Surji, Dist. Amravati

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION 2022-2023
CERTIFICATE COURSE IN HERBAL TECHNOLOGY
REPORT**

Department of Botany conducted 3 months duration Certificate Course in Herbal Technology from 2nd January 2023 to 4th April 2023. Twenty students participated in this course from class BSC I. During this course field practicals were conducted. 20 students completed their Certificate Course successfully.



Course Coordinator



Head

Department of Botany
Smt. Radhabai Sarda Arts,
Commerce & Science College,
Anjangaon Surji, Dist. Amravati



Principal

SMT. RADHABAI SARDA COLLEGE
OF ARTS, COMMERCE & SCIENCE
ANJANGAON SURJI

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION: 2022-2023**

Meeting Circular

All faculty members of the department are hereby informed that departmental meeting related to Certificate Course will be held on 15 th December 2022 at 3 pm at the department. You are requested to present for the meeting with some innovative ideas and suggestions for course.

Date: 13/12/2022

Bem
PRINCIPAL
SMT. RADHABAI SARDA COLLEGE
OF ARTS, COMMERCE & SCIENCE
ANJANGAON SURJI

[Signature]
Head
Department of Botony
Radhabai Sarda Arts,
Commerce & Science College,
Anjangaon Surji, Dist. Amravati

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION: 2022-2023**

NOTICE

Date : 16/12/2022

All the students of BSc are hereby informed that Department of Botany is going to start the Certificate Course for UG students. This course will be starts from 1st January 2023. Interested students register their name to course coordinator and Head of the department on or before 31st December 2022.




Head

**Head
Department of Botony
Smt Radhabai Sarda Arts,
Commerce & Science College
Anjangaon Surji, Dist. Amravati**



**PRINCIPAL
SMT. RADHABAI SARDA COLLEGE
OF ARTS, COMMERCE & SCIENCE
ANJANGAON SURJI**



R L KULKARNI

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION : 2022-2023
CERTIFICATE COURSE IN HERBAL TECHNOLOGY
TIME TABLE**

DATE	DAY/TIME	8:00 TO 9:00 AM	9:00 TO 10:00 AM	10:00 TO 11:00 AM
02/01/2023	MON	-----	Practical (MJD)	
03/01/2023	TUE	Theory(RLK)	Practical(AGT)	
04/01/2023	WED	Theory (MJD)	Practical (RLK)	
05/01/2023	THU	Theory(AGT)		
06/01/2023	FRI	Theory(AGT)		
07/01/2023	SAT	Theory(AGT)	Practical (RLK)	
09/01/2023	MON	Theory(AGT)	Practical (AGT)	
10/01/2023	TUE	Theory (AGT)		
11/01/2023	WED	Theory (AGT)		
12/01/2023	THU	Theory (AGT)		
13/01/2023	FRI	Theory (AGT)		
14/01/2023	SAT	Theory (MJD)		
16/01/2023	MON	Theory (MJD)		
17/01/2023	TUE	Theory (MJD)		
18/01/2023	WED	Theory (RLK)		
19/01/2023	THU	Theory (RLK)		
20/01/2023	FRI	Theory (MJD)		
21/01/2023	SAT	Theory(RLK)		
23/01/2023	MON	Theory(MJD)		
24/01/2023	TUE	Theory (AGT)		
25/01/2023	WED	Theory (AGT)		
27/01/2023	FRI	Theory (AGT)		
28/01/2023	SAT	Theory (AGT)		
30/01/2023	MON	Theory (MJD)		
31/01/2023	TUE	Theory (MJD)		
01/02/2023	WED	Theory(AGT)	Practical(AGT)	
02/02/2023	THU	Theory (MJD)		
03/02/2023	FRI	Theory (RLK)		
04/02/2023	SAT	Theory (RLK)		
06/02/2023	MON	Theory (MJD)		
07/02/2023	TUE	Theory (RLK)		
08/02/2023	WED	Theory (MJD)	Practical (AGT)	
09/02/2023	THU	Theory (RLK)	Practical (AGT)	
10/02/2023	FRI	Theory (RLK)		
11/02/2023	SAT	Theory (MJD)		

13/02/2023	MON	Theory (AGT)	
14/02/2023	TUE	Theory (AGT)	
15/02/2023	WED	Theory (AGT)	Practical (RLK)
16/02/2023	THU	Theory (MJD)	Practical (RLK)
17/02/2023	FRI	Theory (AGT)	
20/02/2023	MON	Theory (AGT)	
21/02/2023	TUE	Theory (MJD)	Practical (AGT)
22/02/2023	WED	Theory (MJD)	Practical (AGT)
23/02/2023	THU	Theory (MJD)	
24/02/2023	FRI	Theory (AGT)	
25/02/2023	SAT	Theory (AGT)	
27/02/2023	MON	Theory (MJD)	
28/02/2023	TUE	Theory (RLK)	Practical (AGT)
01/03/2023	WED	Theory (AGT)	Practical (RLK)
02/03/2023	THU	Theory (MJD)	
03/03/2023	FRI	Theory (RLK)	
04/03/2023	SAT	Theory (AGT)	
06/03/2023	MON	Theory(AGT)	
07/03/2023	TUE	Theory (MJD)	
09/03/2023	WED	Theory (AGT)	
10/03/2023	THU	Theory (AGT)	
11/03/2023	FRI	Theory (AGT)	
12/03/2023	SAT	Theory (RLK)	Practical (AGT)
14/03/2023	MON	Theory (MJD)	
15/03/2023	TUE	Theory (AGT)	
16/03/2023	WED	Theory (MJD)	
17/03/2023	THU	Theory (AGT)	
18/03/2023	FRI	Theory (RLK)	
19/03/2023	SAT	Theory (AGT)	
21/03/2023	MON	Theory (MJD)	
23/03/2023	WED	Theory (AGT)	
24/03/2023	THU	Theory (RLK)	
25/03/2023	FRI	Theory (AGT)	
26/03/2023	SAT	Theory (RLK)	
28/03/2023	MON	Theory (AGT)	
29/03/2023	TUE	Theory (MJD)	
31/03/2023	THU	Theory (AGT)	
01/04/2023	FRI	Theory (MJD)	

SR NO

01

02

03

INITIAL

MJD

RLK

AGT

WORKLOAD

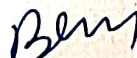
(24 THEORY+ 01 PRACTICAL)

(12 THEORY + 04 PRACTICAL)

(33 THEORY + 09 PRACTICAL)



Course coordinator



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ANJANGAON SURJI


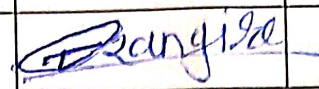


Head

Department of Botony
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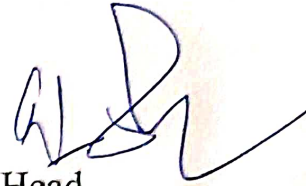
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION: 2022-2023
CERTIFICATE COURSE IN
HERBAL TECHNOLOGY
LIST OF ENROLLED STUDENTS**

SR NO	NAME OF STUDENT	CLASS	SIGNATURE	REMARK
1	AALIYA FIRDOUSE KAREEM SHAH	BSC I	<i>Aaliya</i>	
2	ACHAL KAPIL DAMARE	BSC I	<i>A. Damare</i>	
3	MOHD SUFIYAN MOHD ZAKIR	BSC I	<i>Sufiyans</i>	
4	NIKITA PREMDAS UKE	BSC I	<i>Nike</i>	
5	PRACHI SUDHAKAR THORAT	BSC I	<i>Prachi</i>	
6	PRANJALI RAVINDRA CHOPKAR	BSC I	<i>P.R. Chopkar</i>	
7	PRANALI PRAMOD RISODKAR	BSC I	<i>P.P. Risodkar</i>	
8	PRATIYKSHA DYANESHWAR BADAN	BSC I		
9	RUTUJA SANJAY BAWANE	BSC I	<i>Rutuja</i>	
10	SABA SAHER MOHD SABIR	BSC I	<i>Saber</i>	
11	SADIYA KHANAM ZABIULLAH KHAN	BSC I	<i>Sadiya</i>	
12	SAKSHI RAJENDRA KHADE	BSC I	<i>Sakshi</i>	
13	SHRIHARI MILIND MALDHURE	BSC I	<i>Shrihari</i>	
14	SHRIJA VILASRAO KADU	BSC I		
15	SNEHA GAJANAN INGALE	BSC I		
16	SNEHAL SUDHAKAR MASURKAR	BSC I	<i>Snehal</i>	
17	SWITI PRAVIN BOCHARE	BSC I	<i>Switi</i>	
18	TANZEELA KHANAM	BSC I	<i>Tanzeela</i>	

	MEHBOOB KHAN			
19	TAUQEER KHAN JAWED KHAN	BSC I		
20	TEJSVINI BHARAT RANGIRE	BSC I		



Course coordinator



Head
Head
Department of Botony
Smt. Radhabai Sarada Arts,
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ANJANGAON SURJI DIST AMRAYATI
DEPARTMENT OF BOTANY
SESSION : 2022-2023
CERTIFICATE COURSE IN HERBAL TECHNOLOGY
ATTENDANCE SHEET

SR NO	NAME OF STUDENT	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
1	AALYA FIRDOUSE KAREEM SHAH	delugia 02/11/23	delugia 03/11/23	delugia 04/11/23	delugia 5/11/23	delugia 6/11/23	delugia 7/11/23	delugia 8/11/23	delugia 10/11/23	delugia 11/11/23	delugia 12/11/23			
2	ACHAL DAMARE KAPIL	A.Damare	A.Damare	A.Damare	A.Damare	A.Damare	A.Damare	A.Damare	A.Damare	A.Damare	A.Damare			
3	MOHD SUFTYAN MOHD ZAKIR	Suftyan	Suftyan	Suftyan	Suftyan	Suftyan	Suftyan	Suftyan	Suftyan	Suftyan	Suftyan			
4	NIKITA PREMDAS UKE	Nete	Nete	Nete	Nete	Nete	Nete	Nete	Nete	Nete	Nete			
5	PRACHI SUDHAKAR THORAT	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi			
6	PRANALI RAVINDRA CHOPKAR	P.R. chopkar	P.R. chopkar	P.R. chopkar	P.R. chopkar	P.R. chopkar	P.R. chopkar	P.R. chopkar	P.R. chopkar	P.R. chopkar	P.R. chopkar			
7	PRANALI PRAMOD RISODKAR	P. P. Risodkar	P. P. Risodkar	P. P. Risodkar	P. P. Risodkar	P. P. Risodkar	P. P. Risodkar	P. P. Risodkar	P. P. Risodkar	P. P. Risodkar	P. P. Risodkar			
8	PRATIKSHA DYANESHWAR BADAN	P.D.B	P.D.B	P.D.B	P.D.B	P.D.B	P.D.B	P.D.B	P.D.B	P.D.B	P.D.B			
9	RUTUJA SANJAY BAWANE	Rout.	Rout.	Rout.	Rout.	Rout.	Rout.	Rout.	Rout.	Rout.	Rout.			

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION : 2022-2023**

NOTICE

Date : 23/03/2023

All students who are enrolled for Certificate Course in Herbal Technology are hereby informed that their Theory and Practical Examination will be held as the following schedule

DATE	DAY	TIME	THEORY/PRACTICAL
5/04/2023	WED	8 TO 11 AM	THEORY
6/04/2023	THU	8 TO 12 AM	PRACTICAL

(Pam)

Course coordinator

(Signature)
Head
Head

Department of Botany
Smt. Radhabai Sarda Arts,
Commerce & Science College,
Anjangaon Surji, Dist. Amravati

(Signature)


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ANJANGAON SURJI


**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION :2022-2023
CERTIFICATE COURSE IN HERBAL TECHNOLOGY
PRACTICAL EXAMINATION**

TIME – 4 Hours

Max Marks – 50

Q.1. Perform Phytochemical Screening tests(Any three).	15
Q.2. Detremination of Aldehyde/Phenol/Alkaloids content.	05
Q.3. Evaluate excipients of natural origin products.	10
Q.4. Preparation and standardization of Syrup/Shampoo/Mixtures.	10
Q.5. Viva voce.	05
Q.6. Record book.	05


External Examiner


Internal Examiner

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COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION: 2022-2023
CERTIFICATE COURSE IN HERBAL TECHNOLOGY
THEORY EXAMINATION**

TIME – 3 Hours

MAX MARKS- 50

Note : 1. There are 5 questions

Q.1. ANSWER IN ONE SENTENCE (ANY FIVE) 5

- A) Herbal drugs
- B) Siddha
- C) Ayurveda
- D) Pharmacognosy
- E) Alkaloids
- F) Flavonoids

Q.2. EXPLAIN:(ANY THREE) 15

- A) Siddha System
- B) Processing of Medicinal plants
- C) Uses of Tulsi
- D) Drug adulteration
- E) Micropropagation

Q.3. DESCRIBE (ANY THREE) 15

- A) Ayurveda System
- B) Uses Of Ginger
- C) Identification And Utilisation Of Withania
- D) Marketing Of Medicinal Plants
- E) History And Scope Of Herbal Medicine

Q.4. EXPLAIN (ANY THREE) 15

- A) Micropropagation Of Neem
- B) Medicinal Plant Banks
- C) Phytochemical Screening Tests Of Alkaloids And Flavonoids
- D) Identification And Utilisation Of Centella
- E) Methods Of Drug Evaluation

SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI

DEPARTMENT OF BOTANY

SESSION : 2022-2023

CERTIFICATE COURSE IN HERBAL TECHNOLOGY

THEORY EXAMINATION ATTENDANCE SHEET DATE : 05/04/2023

SR NO	ROLL NO	NAME OF STUDENT	SIGNATURE
1	BOT/C/1	AALIYA FIRDOUSE KAREEM SHAH	<i>Aaliya</i>
2	BOT/C/2	ACHAL KAPIL DAMARE	<i>A. Damare</i>
3	BOT/C/3	MOHD SUFIYAN MOHD ZAKIR	<i>Sufyan</i>
4	BOT/C/4	NIKITA PREMDAS UKE	<i>Nike</i>
5	BOT/C/5	PRACHI SUDHAKAR THORAT	<i>Prachi</i>
6	BOT/C/6	PRANJALI RAVINDRA CHOPKAR	<i>P. R. chopkar</i>
7	BOT/C/7	PRANALI PRAMOD RISODKAR	<i>P. P. Risodkar.</i>
8	BOT/C/8	PRATIKSHA DYANESHWAR BADAN	<i>P. D. B</i>
9	BOT/C/9	RUTUJA SANJAY BAWANE	<i>Rutuja</i>
10	BOT/C/10	SABA SAHER MOHD SABIR	<i>Sahes</i>
11	BOT/C/11	SADIYA KHANAM ZABIULLAH KHAN	<i>Sadiya</i>
12	BOT/C/12	SAKSHI RAJENDRA KHADE	<i>Sakshi</i>
13	BOT/C/13	SHRIHARI MILIND MALDHURE	<i>Smalchhure</i>
14	BOT/C/14	SHRIJA VILASRAO KADU	<i>Shrija</i>
15	BOT/C/15	SNEHA GAJANAN INGALE	<i>Sneha</i>
16	BOT/C/16	SNEHAL SUDHAKAR MASURKAR	<i>snayurkare</i>
17	BOT/C/17	SWITI PRAVIN BOCHARE	<i>SBochare</i>
18	BOT/C/18	TANZEELA KHANAM MEHBOOB KHAN	<i>Tanzeela</i>
19	BOT/C/19	TAUQEER KHAN JAWED KHAN	<i>Tauqeer</i>
20	BOT/C/20	TEJSVINI BHARAT RANGIRE	<i>Tejsvini</i>

Ram

Course coordinator

Bem

PRINCIPAL
SMT. RADHABAI SARDA COLLEGE
OF ARTS, COMMERCE & SCIENCE
ANJANGAON SURJI

R.S.

Head
Head

Department of Botony
Smt. Radhabai Sarda Arts,
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Anjangaon Surji, Dist. Amravati

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI**

DEPARTMENT OF BOTANY

SESSION : 2022-2023

CERTIFICATE COURSE IN HERBAL TECHNOLOGY

PRCTICAL EXAMINATION ATTENDANCE SHEET DATE : 06/04/2023

SR NO	ROLL NO	NAME OF STUDENT	SIGNATURE
1	BOT/C/1	AALIYA FIRDOUSE KAREEM SHAH	<i>Aaliya</i>
2	BOT/C/2	ACHAL KAPIL DAMARE	<i>A. Damare</i>
3	BOT/C/3	MOHD SUFIYAN MOHD ZAKIR	<i>Sufiyano</i>
4	BOT/C/4	NIKITA PREMDAS UKE	<i>Nike</i>
5	BOT/C/5	PRACHI SUDHAKAR THORAT	
6	BOT/C/6	PRANJALI RAVINDRA CHOPKAR	<i>P. R. chopkar</i>
7	BOT/C/7	PRANALI PRAMOD RISODKAR	<i>P. P. Risodkar.</i>
8	BOT/C/8	PRATIKSHA DYANESHWAR BADAN	<i>P.D.B</i>
9	BOT/C/9	RUTUJA SANJAY BAWANE	<i>Rutuja</i>
10	BOT/C/10	SABA SAHER MOHD SABIR	<i>Saher</i>
11	BOT/C/11	SADIYA KHANAM ZABIULLAH KHAN	<i>Sadiya</i>
12	BOT/C/12	SAKSHI RAJENDRA KHADE	<i>Khade</i>
13	BOT/C/13	SHRIHARI MILIND MALDHURE	<i>Smaldhure</i>
14	BOT/C/14	SHRIJA VILASRAO KADU	<i>Shrija</i>
15	BOT/C/15	SNEHA GAJANAN INGALE	<i>Shri</i>
16	BOT/C/16	SNEHAL SUDHAKAR MASURKAR	<i>Snehal</i>
17	BOT/C/17	SWITI PRAVIN BOCHARE	<i>Bochare</i>
18	BOT/C/18	TANZEELA KHANAM MEHBOOB KHAN	<i>Tanzeela</i>
19	BOT/C/19	TAUQEER KHAN JAWED KHAN	<i>Tauqeer</i>
20	BOT/C/20	TEJSVINI BHARAT RANGIRE	<i>Rangire</i>

21/4/23
External Examiner

Palm
Internal Examiner

**SMT RADHABAI SARDA ARTS, COMMERCE ANND SCIENCE
COLLEGE ANJANGAON SURJI**

DEPARTMENT OF BOTANY

ACADEMIC SESSION: 2022-23

Course applied for: Certificate course

Title of the course: Herbal Technolgy

Course duration: Three months

Result file

Sr No	Name of the participant	Enrollment no	Out of Marks	Marks obtained
01	AALIYA FIRDOUSE KAREEM SHAH	2023S1	100	79
02	ACHAL KAPIL DAMARE	2023S2	100	77
03	MOHD SUFIYAN MOHD ZAKIR	2023S3	100	80
04	NIKITA PREMDAS UKE	2023S4	100	72
05	PRACHI SUDHAKAR THORAT	2023S5	100	71
06	PRANJALI RAVINDRA CHOPKAR	2023S6	100	67
07	PRANALI PRAMOD RISODKAR	2023S7	100	62
08	PRATIKSHA DYANESHWAR BADAN	2023S8	100	65
09	RUTUJA SANJAY BAWANE	2023S9	100	73
10	SABA SAHER	2023S10	100	76

	MOHD SABIR			
11	SADIYA KHANAM ZABIULLAH KHAN	2023S11	100	65
12	SAKSHI RAJENDRA KHADE	2023S12	100	62
13	SHRIHARI MILIND MALDHURE	2023S13	100	68
14	SHRIJA VILASRAO KADU	2023S14	100	67
15	SNEHA GAJANAN INGALE	2023S15	100	72
16	SNEHAL SUDHAKAR MASURKAR	2023S16	100	70
17	SWITI PRAVIN BOCHARE	2023S17	100	80
18	TANZEELA KHANAM MEHBOOB KHAN	2023 S18	100	67
19	TAUQEER KHAN JAWED KHAN	2023S19	100	69
20	TEJSVINI BHARAT RANGIRE	2023S20	100	71

Ratna

Course co-ordinator

[Signature]

Head
Head

Department of Botony
Smt Radhabai Sarda Arts,
Commerce & Science College,
Anjangaon Surji, Dist. Amravati

Berny

PRINCIPAL
SMT. RADHABAI SARDA COLLEGE
OF ARTS, COMMERCE & SCIENCE
ANJANGAON SURJI



Shri Sarda Education Society's
(A Linguistic Minority Educational Institute)

SMT RADHABAI SARDA ARTS COMMERCE & SCIENCE COLLEGE
ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY

Certificate

This is to certify that ... Aaliga. Firbouse. Kareek. Shah of B.Sc I has successfully completed Certificate Course entitled "Herbal Technology" conducted by the Department of Botany in the academic session 2022-2023 from 02/01/2023 to 04/04/2023 at Smt Radhabai Sarda Arts, Commerce & Science College Anjangaon Surji Dist Amravati


Convener


Head

Head
Department of Botany

Smt. Radhabai Sarda Arts,
Commerce & Science College,
Anjangaon Surji, Dist. Amravati


PRINCIPAL
SMT. RADHABAI SARDA
ARTS, COMMERCE & SCIENCE
COLLEGE
ANJANGAON SURJI

Shri Sarda Education Society's
(A Linguistic Minority Educational Institute)
Smt Radhabai Sarda Arts, Commerce & Science College
Anjangaon Surji, Dist Amravati - 444705

Application Form for Certificate Course

(Academic Session: 2022-2023)

Application Form No.: 8

Applicant's Name : Tejasvini Bharat Rangire

Father's Name: Bharat Namdev Rangire

Permanent Address: Jawalapur, Pathrot

District, Amravati, Ta. Achalpur.

District: Amravati State: Maharashtra Pin Code: 444705

Email ID: tejasvinirangire828@gmail.com

Phone No./Mobile No.:

9	3	7	3	1	8	0	6	6	0
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Gender: Male Female

Date of Birth: 26/07/2004

Aadhaar Card No.

5	2	7	1	7	1	6	3	6	1	7	1
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Name of the Department: Botany

Class: BSc-T Section: CBZ

Course Applied For: Value Added/Certificate/Bridge Course/Add-on Program

Date of Admission in College: 11-07-2022

ID Number: 3916

Category: OPEN OBC SC ST NT VJ SBC

Languages Known: Marathi Hindi English

Title of the Course: Herbal technology

N.B.: I Certify that the information I have given in this application is complete and correct. I am aware that false information grounds for expulsion.

Tejasvini Rangire
Applicant's Signature

