



SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE

ANJANGAON SURJI DIST AMRAVATI

DEPARTMENT OF BOTANY

CERTIFICATE COURSE

ON

HERBAL MEDICINE AND HERBAL PRODUCTS

2023-2024

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION: 2023-2024**

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 2023 at 3 pm at the department. You are requested to present for the meeting with some innovative ideas and suggestions for course.

Date: 13/12/2023


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

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

SMT RADHABAI SARDA ARTS, COMMERCE & SCIENCE COLLEGE

ANJANGAON SURJI- 444705, DIST- AMRAVATI (Maharashtra)

(Affiliated to Sant Gadge Baba Amravati University, Amravati)

NAAC Accredited 'A' with CGPA 3.21

Dr Bashisth Choubey
PRINCIPAL

Website: www.rscollege.ac.in

E-mail: smtscollege@gmail.com



Phone : 07224 295678

Cell No : 9423853815

Cell No : 7620541674

Date : 13.12.2023 मार्गशीर्ष शु. प., शके १९४५

Permission Letter

To

The Principal

Smt Radhabai Sarda Arts, Commerce And Science College

Anjangaon Surji

Subject: Regarding permission to conduct Certificate Course entitled "Certificate Course on Herbal Medicine & Herbal products" during academic session 2023-2024.

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 herbal medicine and herbal products.

With regards

Bem
16.12.2024
PRINCIPAL
Smt. Radhabai Sarda
Arts, Commerce & Science College
Anjangaon Surji

Yours faithfully

Ram
R L KULKARNI

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION: 2023-2024**

NOTICE

Date : 16/12/2023

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 2024. Interested students register their name to course coordinator and Head of the department on or before 31st December 2023.


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

A
SYLLABUS
ON
CERTIFICATE COURSE
ON
HERBAL MEDICINE AND HERBAL PRODUCTS

2023-2024

SYLLABUS
CERTIFICATE COURSE
**HERBAL MEDICINE AND HERBAL
PRODUCTS**

DEPARTMENT OF BOTANY, SMT RADHABAI SARDA COLLEGE
ANJANGAON SURJI

Unit-I Introduction to Plants

Classification of Plants into major groups. Salient features of Angiosperms. Plant and its Parts - morphology and Functions. Classification – Artificial, Natural and Phylogenetic system. Nomenclature – Binomial nomenclature and rules. Taxonomic hierarchy-Concept of Species, Genus, Family, Order, Class, Division and Kingdom. Field survey, Herbarium and Botanical garden.

Unit-II Ethnomedicine & Pharmacognosy

Ethnomedicine – Definition, history and its scope. Methods of disease diagnosis and treatment, Plants in folk culture – *Areca catechu*, *Aegle marmelos*, *Musa paradisiaca*, *Ficus benghalensis*, *Curcuma domestica*, *Cyanodondactylon*, *Sesamum indicum* and other species.

Pharmacognosy - History, Definition and scope. Systems of Indian Medicines – Brief account on Ayush – Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homeopathy

Unit-III Concepts & Methods of Herbal Medicine

Concepts - the dosha, dhatu, mala and agni. Methods- Juice (svarasa), Powder (churna), Decoction (kvatha), paste (kalka), Infusion (phanta), Cold Infusion (situ kasaya), Milk Preparation (ksirapaka), Linctus or Jam (avaleha, lehya, paka, prasa or khanda), Medicated Oil and Ghee (taila and ghrita), Alcoholic Preparations (asava and arista), Pills or Tablets (gutika, vati and modaka)

Unit-IV Medicinal Plants for Human health

Medicinal uses of Piperaceae, Combretaceae, Lamiaceae, Acanthaceae, Euphorbiaceae, Zingiberaceae, Poaceae, Apocyanaceae etc.

Health and balanced diet (Role of proteins, carbohydrates, lipids and vitamins)

Plants in day today life – *Ocimum sanctum*, *Centella asiatica*, *Mangifera indica*, *Cocos nucifera*, *Cassia auriculata*, *Aloe vera* etc. Nutritive and medicinal value of some fruits and vegetables

Plants for Cardiovascular diseases, cardiac drugs of plant origins – alkaloids, anticoagulants, Pulmonary / respiratory disorders – asthma, bronchitis, common cold, allergy . Urinogenital disorders , Drugs for dissolving kidney stones, Memory stimulants, Antiinflammatory drugs, Anticancer drugs

Course Outcome

Determining the efficacy of herbal medicine. Identifying and determining the type of adulterant

Verifying the role of ethnobotany and ethnopharmacology in herbal drug evaluation. Screening of natural product by using different in vitro and in vivo techniques. Determining toxicity of crude drug.

Practicals:

1. Identification of Medicinal plants and raw materials of medicinal plants. Amla, Bulb (Garlic), Rhizome Ginger, Castor, Cinchona, Neem and Flower bud– Clove.
2. Poisonous plants – *Abrus precatorius* seeds, *Strychnos nux-vomica*
3. Identification of Medicinal Plants- Locally available 20 medicinal plants
4. Methods of different Herbal Preparations- Extraction methods- infusion, decoction, digestion, maceration, percolation, solvent extraction.
5. Herbal products : Juice (svarasa), Powder (churna)
6. Screening of phytochemicals primary and secondary metabolites. (carbohydrates, proteins, lipids, phenolics, flavonoids, pigments, alkaloids, volatile oils, terpenes, resins).
7. Extraction of Essential oils from locally available aromatic plants
8. Maintenance of Herbal Garden
9. Field and Industrial visit

1. Magadi R Gurudev *Karnatakada Aushadhiya Sasyagalu* Published by Divyachandra Prakashana
2. Paranjpe Prakash Dole Vilas A 2006. *A Text Book of Rasashastra*. Published by Chaukhamba Sanskrit Pratishthan
3. Ravindra Angadi 2016. *A Textbook of Bhaisajya Kalpana Vijana* (Pharmaceutical Science)
4. J. B. Harborne 2013. *Phytochemical Methods: A Guide to Modern Techniques of Plant Analysis*

SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE
ANJANGAON SURJI
DEPARTMENT OF BOTANY
ACADEMIC SESSION : 2023-24

CERTIFICATE COURSE ON HERBAL MEDICINE AND HERBAL PRODUCTS

Course Outcome

CO-I: Determining the efficacy of herbal medicine.

CO-II: Identifying and determining the type of adulterant.

CO-III: Verification the role of ethnobotany in herbal drug evaluation.

CO-IV: Screening of natural products by using different in vitro techniques.


Course coordinator


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

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

SESSION : 2023-2024

CERTIFICATE COURESE ON HERBAL MEDICINE AND HERBAL PRODUCTS

TIME TABLE

DATE	DAY/TIME	8:00 TO 9:00 AM	9:00 TO 10:00 AM	10:00 TO 11:00 AM
01/01/2024	MON	-----	Practical (MJD)	
03/01/2024	TUE	Theory(RLK)	Practical(AGT)	
04/01/2024	WED	Theory (MJD)	Practical (RLK)	
05/01/2024	THU	Theory(AGT)		
06/01/2024	FRI	Theory(AGT)		
07/01/2024	SAT	Theory(AGT)	Practical (RLK)	
09/01/2024	MON	Theory(AGT)	Practical (AGT)	
10/01/2024	TUE	Theory (AGT)		
11/01/2024	WED	Theory (AGT)		
12/01/2024	THU	Theory (AGT)		
13/01/2024	FRI	Theory (AGT)		
14/01/2024	SAT	Theory (MJD)		
16/01/2024	MON	Theory (MJD)		
17/01/2024	TUE	Theory (MJD)		
18/01/2024	WED	Theory (RLK)		
19/01/2024	THU	Theory (RLK)		
20/01/2024	FRI	Theory (MJD)		
21/01/2024	SAT	Theory(RLK)		
23/01/2024	MON	Theory(MJD)		
24/01/2024	TUE	Theory (AGT)		
25/01/2024	WED	Theory (AGT)		
27/01/2024	FRI	Theory (AGT)		
28/01/2024	SAT	Theory (AGT)		
30/01/2024	MON	Theory (MJD)		
31/01/2024	TUE	Theory (MJD)		
01/02/2024	WED	Theory(AGT)	Practical(AGT)	
02/02/2024	THU	Theory (MJD)		
03/02/2024	FRI	Theory (RLK)		
04/02/2024	SAT	Theory (RLK)		
06/02/2024	MON	Theory (MJD)		
07/02/2024	TUE	Theory (RLK)		
08/02/2024	WED	Theory (MJD)	Practical (AGT)	
09/02/2024	THU	Theory (RLK)	Practical (AGT)	
10/02/2024	FRI	Theory (RLK)		
11/02/2024	SAT	Theory (MJD)		
13/02/2024	MON	Theory (AGT)		
14/02/2024	TUE	Theory (AGT)		

15/02/2024	WED	Theory (AGT)	Practical (RLK)
16/02/2024	THU	Theory (MJD)	Practical (RLK)
17/02/2024	FRI	Theory (AGT)	
20/02/2024	MON	Theory (AGT)	
21/02/2024	TUE	Theory (MJD)	Practical (AGT)
22/02/2024	WED	Theory (MJD)	Practical (AGT)
23/02/2024	THU	Theory (MJD)	
24/02/2024	FRI	Theory (AGT)	
25/02/2024	SAT	Theory (AGT)	
27/02/2024	MON	Theory (MJD)	
28/02/2024	TUE	Theory (RLK)	Practical (AGT)
01/03/2024	WED	Theory (AGT)	Practical (RLK)
02/03/2024	THU	Theory (MJD)	
03/03/2024	FRI	Theory (RLK)	
04/03/2024	SAT	Theory (AGT)	
06/03/2024	MON	Theory (AGT)	
07/03/2024	TUE	Theory (MJD)	
09/03/2024	WED	Theory (AGT)	
10/03/2024	THU	Theory (AGT)	
11/03/2024	FRI	Theory (AGT)	
12/03/2024	SAT	Theory (RLK)	Practical (AGT)
14/03/2024	MON	Theory (MJD)	
15/03/2024	TUE	Theory (AGT)	
16/03/2024	WED	Theory (MJD)	
17/03/2024	THU	Theory (AGT)	
18/03/2024	FRI	Theory (RLK)	
19/03/2024	SAT	Theory (AGT)	
21/03/2024	MON	Theory (MJD)	
23/03/2024	WED	Theory (AGT)	
24/03/2024	THU	Theory (RLK)	
25/03/2024	FRI	Theory (AGT)	
26/03/2024	SAT	Theory (RLK)	
28/03/2024	MON	Theory (AGT)	
29/03/2024	TUE	Theory (MJD)	
31/03/2024	THU	Theory (AGT)	

SR NO

01

02

03

INITIAL

MJD

RLK

AGT

WORKLOAD

(24 THEORY+ 01 PRACTICAL)

(12 THEORY + 04 PRACTICAL)

(33 THEORY + 09 PRACTICAL)


Course Coordinator


Head
Head
Department of Botany
Smt. Radhabai
Commerce

SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION 2023-2024
CERTIFICATE COURSE ON HERBAL MEDICINE & HERBAL PRODUCTS

REPORT

Department of Botany conducted 3 months duration Certificate Course on Herbal Medicine & Herbal products from 1st January 2024 to 30th March 2024. Twenty five students participated in this course from class BSC II. During this course field practicals were conducted. 25 students completed their Certificate Course successfully.



Course Coordinator


Head

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

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COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION : 2023-2024**

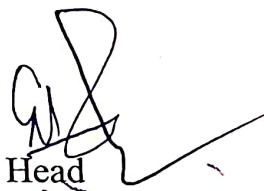
NOTICE

Date : 23/03/2024

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

DATE	DAY	TIME	THEORY/PRACTICAL
5/04/2024	FRIDAY	8 TO 11 AM	THEORY
6/04/2024	SATURDAY	8 TO 12 AM	PRACTICAL


Course coordinator

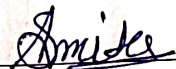
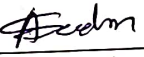
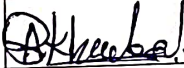
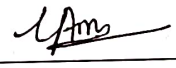
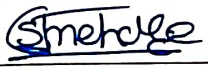
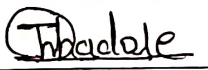
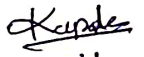
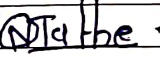
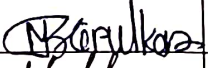
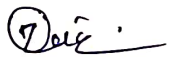

Head
Department of Botany
Smt Radhabai Sarda Arts,
Anjangaon Surji Dist Amravati

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

SESSION: 2023-2024

CERTIFICATE COURSE ON HERBAL MEDICINE AND HERBAL PRODUCTS

LIST OF ENROLLED STUDENTS

SR NO	NAME OF STUDENT	CLASS	SIGNATURE	REMARK
1	ADEEBA SADAF SK WAZEER	BSC I		
2	ACHAL GOPAL BARABDE	BSC I		
3	ASMITA ARUN NIMBALKAR	BSC I		
4	AKANKSHA HARIDAS SHENDE	BSC I		N
5	ASNIYA ANAM KALEEM	BSC I		Asniya
6	ARPITA RAJENDRA KHARODE	BSC I		
7	ASHWINI NANDKISHOR SOLANKE	BSC I		Ashwini
8	GAYATRI ANIL MURATKAR	BSC I		
9	HINA PARVEEN SHAIKH ZULFUDDIN	BSC I		
10	DIVYA GANESH RAMEKAR	BSC I	D.G.R	
11	JANHAVI SACHIN MEHARE	BSC I		
12	ISHWARI NARESH HADOLE	BSC I		
13	KANCHAN ANIL KAPALE	BSC I		
14	NEHA NANA TATHE	BSC I		
15	MONIKA RAJENDRA HIRULKAR	BSC I		
16	MADIHA ANAM MOHAMMAD NAZIM	BSC I		
17	MO ZAKI AHMAD JAVED AHMAD	BSC I		
18	KAUSAR JAHAN SYED	BSC I		

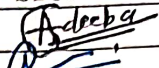
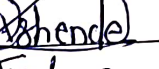
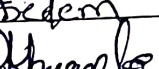
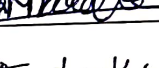
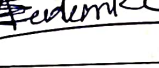
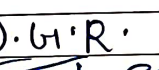
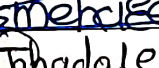
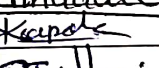
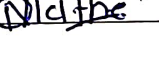
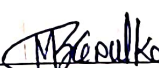
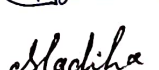
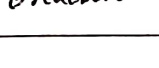
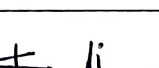
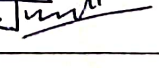
	MOHSIN ALI			
19	MOHD ZEESHAN GHAFFAR KHAN	BSC I	<i>Zush</i>	
20	MOHD SAAD ASLAM FAROOQUE	BSC I	<i>Sau</i>	
21	KIRTI GAJANAN RAMEKAR	BSC I	<i>Ramekar</i>	
22	MOHD ZAHID ABDUL	BSC I	<i>Zahid</i>	
23	NIDA MAHEK ABDUL NAZIM	BSC I	<i>Nida</i>	
24	PRANALI GAJANAN DAHE	BSC I	<i>Pran</i>	
25	NIKITA BANDU KALE	BSC I	N.B.K	

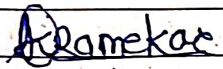
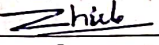
Ram
Course coordinator

Head
Head
Department of Botany
Smt. Radhabai Sarda Arts,
Commerce & Science College
Anjangaon, Nagpur, Maharashtra

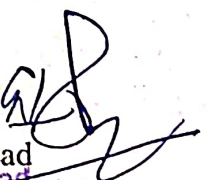
ARTS, COMMERCE, SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
 ANJANGAON SURJI DIST AMRAVATI
 DEPARTMENT OF BOTANY
 SESSION : 2023-2024
 CERTIFICATE COURSE ON HERBAL MEDICINE & HERBAL PRODUCTS

THEORY EXAMINATION ATTENDANCE SHEET DATE : 05/04/2024

SR NO	ROLL NO	NAME OF STUDENT	SIGNATURE
1	BOT/C/1	ADEEBA SADAF SK WAZEER	
2	BOT/C/2	ACHAL GOPAL BARABDE	
3	BOT/C/3	ASMITA ARUN NIMBALKAR	
4	BOT/C/4	AKANKSHA HARIDAS SHENDE	
5	BOT/C/5	ASNIYA ANAM KALEEM	
6	BOT/C/6	ARPITA RAJENDRA KHARODE	
7	BOT/C/7	ASHWINI NANDKISHOR SOLANKE	
8	BOT/C/8	GAYATRI ANIL MURATKAR	
9	BOT/C/9	HINA PARVEEN SHAIKH ZULFUDDIN	
10	BOT/C/10	DIVYA GANESH RAMEKAR	
11	BOT/C/11	JANHAVI SACHIN MEHARE	
12	BOT/C/12	ISHWARI NARESH HADOLE	
13	BOT/C/13	KANCHAN ANIL KAPALE	
14	BOT/C/14	NEHA NANA TATHE	
15	BOT/C/15	MONIKA RAJENDRA HIRULKAR	
16	BOT/C/16	MADIHA ANAM MOHAMMAD NAZIM	
17	BOT/C/17	MO ZAKI AHMAD JAVED AHMAD	
18	BOT/C/18	KAUSAR JAHAN SYED MOHSIN ALI	
19	BOT/C/19	MOHD ZEESHAN GHAFFAR KHAN	
20	BOT/C/20	MOHD SAAD ASLAM FAROOQUE	

21	BOT/C/21	KIRTI GAJANAN RAMEKAR	
22	BOT/C/22	MOHD ZAHID ABDUL	
23	BOT/C/23	NIDA MAHEK ABDUL NAZIM	
24	BOT/C/24	PRANALI GAJANAN DAHE	
25	BOT/C/25	NIKITA BANDU KALE	N.B.K


Course coordinator


Head
Department of Botany
Smt. Radhabai Sardar College,
Commerce & Science
Anjangaon Sarip, Dist. Solapur

SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION : 2023-2024
CERTIFICATE COURSE ON HERBAL MEDICINE & HERBAL PRODUCTS

PRCTICAL EXAMINATION ATTENDANCE SHEET DATE : 06/04/2024

SR NO	ROLL NO	NAME OF STUDENT	SIGNATURE
1	BOT/C/1	ADEEBA SADAF SK WAZEER	<i>Adeeba</i>
2	BOT/C/2	ACHAL GOPAL BARABDE	<i>Achal</i>
3	BOT/C/3	ASMITA ARUN NIMBALKAR	<i>Asmita</i>
4	BOT/C/4	AKANKSHA HARIDAS SHENDE	<i>Akanksha</i>
5	BOT/C/5	ASNIYA ANAM KALEEM	<i>Asniya</i>
6	BOT/C/6	ARPITA RAJENDRA KHARODE	<i>Arpita</i>
7	BOT/C/7	ASHWINI NANDKISHOR SOLANKE	<i>Ashwini</i>
8	BOT/C/8	GAYATRI ANIL MURATKAR	<i>Gayatri</i>
9	BOT/C/9	HINA PARVEEN SHAIKH ZULFUDDIN	<i>Hina</i>
10	BOT/C/10	DIVYA GANESH RAMEKAR	<i>D. G. R</i>
11	BOT/C/11	JANHAVI SACHIN MEHARE	<i>Janhavi</i>
12	BOT/C/12	ISHWARI NARESH HADOLE	<i>IsHADOLE</i>
13	BOT/C/13	KANCHAN ANIL KAPALE	<i>Kapale</i>
14	BOT/C/14	NEHA NANA TATHE	<i>N. Tathe</i>
15	BOT/C/15	MONIKA RAJENDRA HIRULKAR	<i>Monika</i>
16	BOT/C/16	MADIHA ANAM MOHAMMAD NAZIM	<i>Madiha</i>
17	BOT/C/17	MO ZAKI AHMAD JAVED AHMAD	<i>Zaki</i>
18	BOT/C/18	KAUSAR JAHAN SYED MOHSIN ALI	<i>Kausar</i>
19	BOT/C/19	MOHD ZEESHAN GHAFAR KHAN	<i>Zehra</i>
20	BOT/C/20	MOHD SAAD ASLAM FAROOQUE	<i>Saad</i>

	BOT/C/21	KIRTI GAJANAN RAMEKAR	<u>Ramekar</u>
	BOT/C/22	MOHD ZAHID ABDUL	<u>Zahid</u>
	BOT/C/23	NIDA MAHEK ABDUL NAZIM	<u>Nida</u>
	BOT/C/24	PRANALI GAJANAN DAHE	<u>Pranali</u>
	BOT/C/25	NIKITA BANDU KALE	<u>N.B.K</u>

Ataullah

External Examiner

Ram

Internal Examiner

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE
COLLEGE ANJANGAON SURJI DIST AMRAVATI
DEPARTMENT OF BOTANY
SESSION: 2023-2024
CERTIFICATE COURSE ON HERBAL MEDICINE AND HERBAL PRODUCTS
THEORY EXAMINATION**

TIME – 3 Hours

MAX MARKS- 50

Note : 1. There are 5 questions

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

- A) Angiosperms
- B) Taxonomic hierarchy
- C) Pharmacognosy
- D) Naturopathy
- E) Infusion
- F) Homeopathy

Q.2. EXPLAIN:(ANY THREE) 15

- A) Natural classification System
- B) Alcoholic preparations
- C) Brief account of Ayush
- D) Role of proteins in life
- E) Plants in day to day life

Q.3. DESCRIBE (ANY THREE) 15

- A) Salient features of angiosperms
- B) Herbarium
- C) Botanical garden
- D) History and scope of Ethnomedicine
- E) Binomial nomenclature

Q.4. EXPLAIN (ANY THREE) 15

- A) Plants in folk culture (any three)
- B) Medicinal uses of Piperaceae
- C) Urinogenital disorders
- D) Medicinal uses of Acanthaceae
- E) Brief account on Unani and Siddha

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PRACTICAL EXAMINATION

TIME – 4 Hours

Max Marks – 50

Q.1. Identification of Medicinal plants (Any three).	15
Q.2. Preparation of Herbal extracts.	05
Q.3. Screening of phytochemicals.	10
Q.4. Preparation of Herbal products.	10
Q.5. Viva voce.	05
Q.6. Record book.	05


External Examiner


Internal Examiner



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 of has
successfully completed Certificate Course entitled "Herbal Medicine and Herbal Products" conducted by the Department of
Botany in the academic session 2023-2024 from 01/01/2024 to 30/03/2024 at Smt Radhabai Sarda Arts, Commerce &
Science College Anjangaon Surji Dist Amravati


Convener


Head


Principal



Shri Sarda Education Society's
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SMT RADHABAI SARDA ARTS COMMERCE & SCIENCE COLLEGE

ANJANGAON SURJI DIST AMRAVATI

DEPARTMENT OF BOTANY

Certificate

This is to certify that KU. ASHA L. GOSAL BARABDE of BSC I has
successfully completed Certificate Course entitled "Herbal Medicine and Herbal Products" conducted by the Department of
Botany in the academic session 2023-2024 from 01/01/2024 to 30/03/2024 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,

Principal


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

SESSION : 2023-2024

ATTENDANCE SHEET

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Ram
Convener

Head

Head
Department of Botany
Smt Khatrabai Sarda Arts,
Smt Khatrabai Sarda Arts,

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Principal
PRINCIPAL
Smt. Radhabai Sarda
Arts, Commerce & Science College
Anjanadun Surii

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Convenor

Head

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Principal

Department of Botany
Smt Radhabai Sarda Arts,
Commerce & Science College,
Aurangabad, Dist. Aurangabad.

PRINCIPAL
Smt. Radhabai Sardar
Arts, Commerce & Science College
Anjanadon Surji

SESSION : 2023-2024

ATTENDANCE SHEET

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Conveuer

Head

Principal

Head

Department of Botany
Smt Radhabai Sarda Arts,
Commerce & Science College
Angkor, Saffi, Bidar, Karnataka

PRINCIPAL
Smt.Radhabai Sarada
Arts, Commerce & Science College,
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SESSION : 2023-2024

ATTENDANCE SHEET

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Convener

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Arts, Commerce & Science College

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Department of Botany

Smt Radhabai Sarda Arts,

Commerce & Science Co., Ltd.

Aspirin, Disinfectant, and other

