

**Kavayitri Bahinabai Chaudhari North Maharashtra University,
Jalgaon**



Department of Lifelong learning and Extension

Rural Foundation Nandurbar Sanchalit

Senior Science College Akkalkuwa

Tal-Akkalkuwa, Dist. Nandurbar- 425415 (M.S.)

(Accredited By NAAC with C grade)



Conduct Certificate course for Academic Year 2023-24

Certificate course on

Identification and Conservation of Medicinal Plant

Admission Open:

10 to 25 Nov 2023

Course start from 01 Dec 2023

**Eligibility : 12th pass
science**

Medium : English

Duration : 3 Month

**Maximum Enrollment :
:30 per batch**

Admission Fee : 500/- only

Course Detail

**Introduction of Medicinal
plants & Identification**

**Important of Indian Medicinal
Plants**

Pharmacogenetics

Management and

**Conservation of Medicinal
Plant**

Job Opportunities

In Seeds Company

In Forest Office

As a Plant Identifier

Govt. depart. Agencies related agriculture and Health

Pharmaceutical Company

Ayurvedic Medicinal Company

Herbal medicinal Company

For More Detail Contact

Course Coordinator

Dr. Vinod R. Jogdand

9404047351

Email: Jogdandvinod82@gmail.com

Principal

Dr. C. P. Sawant

9420533719

Email: rfnsseniorscienceakk@gmail.com



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**Three Months
Certificate Course
in
Identification & Conservation of Medicinal Plants
(BOT-ICMP)
Prospectus**

(Academic Year 2023-24)

Course Offered by

Department of Botany

Course co-ordinator

Dr. Vinod Raghoji Jogdand

Head Department of Botany, RFNS, Senior Science College, Akkalkuwa

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✓ **About the college**

RFNS Senior Science College, Akkalkuwa came into the existence under the vision of Appasaheb Prakash B. Patil, the founder chairman of the Rural Foundation Nandurbar. Now the institute is flourished under the gleams of Hon'ble Appasaheb Prakash B. Patil, the President of the College.

The college is affiliated to the KBC North Maharashtra University Jalgaon since 2003 and from 2023 under UGC section 2(f) and 12 (B). College is imparting quality education in 2 UG courses with research centers in various departments. College is well-furnished and equipped departmental Labs.

✓ **Amis and Objectives:**

- To nurture the students as per requirement of the course and bridge gap in between them.
- This course will be the good platform for the students to learn the work carried out in the field of medicinal plant.
- The conventional and modern l techniques are introduced in the course.
- The students will be exposed to field study and Botanical tour.
- Certificate will be issued for the course that will be helpful them for preparing basic medicinal plants .

✓ **Terms and conditions:**

- The course fees will be decided by the college and it was Rs. 100/- and examination fees of Rs. 100/- Both fees to be paid at the time of admission. The scope and limitations of subject regarding Certificate course in that subject shall be prescribed under the syllabus.

- 75% attendance in class-room and practical work will be compulsory. In exceptional case, The Principal may exempt the said deficiency up to 15%.
- The examination of the course will be conducted by Concern College where the affiliation to the course is granted.
- The practical examination of each course will be conducted by examiner appointed by the course coordinator.
- Successful examinees shall be awarded a Certificate Course under the signature of the Principal concerned in the prescribed format.

✓ **Outcome of Course**

After successful completion of this course, students are expected to:

- Know about the plant taxonomy.
- Understand the basic structure of plants.
- Identifying the different types.
- Students will be able to function as a member of an inter-disciplinary problem solving in medicine..
- Students will be able to explore new areas of research in botany plant Anatomy .

Title of the Course:

Identification and conservation of medicinal plants

Duration of Course : 03 Months.

Number of Credits : 02 Credits

Course Structure : 1) **Paper-I** (ICMP)
2) **Practical Course** Based on theory paper

Eligibility for admission : Std. XIIth science Passed

Skeleton of Course :

Sr. No.	Paper	Name of Subject	Theory/ Practical	Teaching Hours	Maximum marks allotted			Passing			Credit
					Ext	*Int	Total	Ext	Int	Total	
01	Paper-II	ICMP Botany	Theory	15	60	40	100	24	16	40	01
02	Paper-III	ICMP Botany	Practical	30	60	40	100	24	16	40	01

***Internal Marks are divided in 3 parts e.g. 10 marks for Attendance, 10 marks for Home Assignment Tutorial and 20 marks for Internal Test.**

Minimum Staff : 02

Mode of Examination : 3 Monthly

Detail of Syllabus : A copy Attached

Syllabus:**Paper-I identification and conservation of medicinal plants. (15 hours)**

Unit 1: Introduction to Medicinal plants- Definition, history, importance, present and future needs of medicinal plants. Introduction of plant parts (fruit, leaves, roots, stem, seeds and their modification).

Unit 2: Important Indian medicinal plants-

Plant parts used as powder: Identification and utilization of Turmeric (*Curcuma longa*), Garlic (*Allium sativum*), Cinnamon (*Cinnamomum verum*), Sarpagandha (*Raulfia serpentina*), Black pepper (*Piper nigrum*).

Plant parts used as juice/ decoction: Identification and utilization of Amla (*Embelica officinalis*), Bottle guard (*Lagenaria siceraria*), Basil (*Oscimum santum*), Giloy (*Tinospora cordifolia*)

Plant Parts Used as Lotion and Ointments: Identification and utilization of Aloe (*Aloe vera*), Fenugreek (*Trigonella foenumgraecum*), Neem (*Azadirachta indica*)

Plant Parts Used as Oil: Clove (*Syzygium aromaticum*), Coconut (*Cocos nucifera*), Castor (*Ricinus communis*), Til (*Sesamum indicum*).

Unit 3: Pharmacognosy- History, definition and future scope of Pharmacognosy, Classification and pharmacognostic studies of crude drugs.

Unit 4: Management and conservation of medicinal plants- Medicinal plant conservation areas (MPCA), Good Agriculture Practices (GAP), Integrated Pest Management (IPM). (2 hours)

References: 1 Medicinal plants of india, Dr. Abhishek Kumar Pandey, Sumita Rajan, Dr. Chitralekha Soni

- . 2. Indian medicinal plants, M.P. Singh
- 3. Classical uses medicinal plants, Prof. P. V. Sharma

Paper-II Practical Course (theory based on)

(30 hours)

1 Collection, identification and herbarium preparation of locally available common important medicinal plants.

- 2 Study and documentation of commercial production of at least five medicinal plants. (Using website/ YouTube).
- 3 Field study and submission of field report.

References: - 1 Ethnopharmacology and Biodiversity of Medicinal plant, Jayanta Kumar Patra, Gitishree Das, Sanjeet Kumar.

2 GUIDELINES ON ' THE CONSERVATION OF MEDICINAL PLANTS, THE WORLD HEALTH ORGANIZATION (WHO)

Identification and conservation of medicinal plants

Applications are invited for the three Months certificate course in identification and conservation of medicinal plants Botany from September 2023 Organized by the Department of Botany , RFNS Senior Science Akkalkuwa, Dist: Nandurbar. This certificate course is of 06 credits.


Duration	03 Months
Eligibility	Std. XII th science Passed
Number of Seats	30
Selection	Merit
Course Fees	Once it is confirmed that admission is being offered to candidate, students has to pay Rupees 100/- and exam fees of Rupees 100/-, Total 200/- only.
Sale of Application Form	23 Sept. 2023 to 25 Sept. 2023
Date of Admission	26 Sept 2023
Date starting of Course	15Deceber 2023
Documents Required	Attested Copies of – 1) HSC (XII) Mark sheet 2) Caste Certificate and 3) Caste Validity (If any)

For Further Details

Contact


Dr. Vinod Raghoji Jogdand

Course Co-ordinator

 9404047351

Prof. Dr. C. P. Sawant

Principal

 9420533719

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Recent Passport
Photograph

Certificate Course in Identification and conservation of medicinal plants (BOT- ICMP)

Application Form

Full Name of Student	
Full name of Father	
Class	
Contact Number	
Mother tongue	
Nationality	
Category (SC/ST/Other) Certificate to be enclosed	
Disability Certificate to be enclosed	
Email ID	

Attested photocopies of relevant documents should be enclosed with the application form

Declaration: The information furnished by me is true to the best of my knowledge and belief. Any statement made in the application form, if found incorrect on scrutiny, will render the application liable to rejection, and admission, if granted on the basis of that statement will stand cancelled.

Place: Akkalkuwa

Name and Signature of Candidate

Date :

Signature of Co-ordinate

Signature of Principal

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Certificate Course in Identification and conservation of medicinal plants (BOT-ICMP)

Feedback Form

We value your feedback evaluation of the certificate course for our planning

- 1) Name: Mr/Miss.....
- 2) Name of College: RFNS Senior Science College, Akkalkuwa.
- 3) Mobile Number:
- 4) Class:
- 5) Please Tick (✓) appropriate column

Sr. No.	Particulars	Excellent	Good	satisfactory
01	Management of Course			
02	Study Material of the Course			
03	Teaching Knowledge			
04	Practical knowledge			
05	About teacher			
06	Overall performance of the Course			

Suggestions If Any:.....
.....

Date: