

Department of Botany Keral Verma Subharti College of Science





Ph (121-2439578, 2439052 (1058011 1055011), Telefax 0121

Ref. No. KVSCOS/BOT/VAC/2021/ DO 6

Date: 21-05-2021

To

The Dean K.V. S.C.O.S

Subject: Permission of Value Added Course regarding:

Respected Sir,

As per the current market scenario as well as the guidelines of UGC, we are going to be starting the following Value Added Courses for the students of Department of Botany. The course will run in Online Mode Using Google Meet. The Course duration will be 16 hrs.

1. Medicinal Botany (VAC-604)

So I request to you kindly give your approval for the same. So that same may be started from the first week of June-2021

Thanking You

HOD-Botany

(KVSCOS)

Course Name: Medicinal Botany

Course Code: VAC 604

Objectives: To acquaint the students about medicinal plants and their economic importance.

Unit 1:

History, Scope and Importance of Medicinal Plants. Indigenous Medicinal Sciences; Definition and Scope-Ayurveda: History, origin, panchamahabhutas, saptadhatu and tridosha concepts, Rasayana, plants used in ayurvedic treatments, Siddha: Origin of Siddha medicinal systems, Basis of Siddha system, plants used in Siddha medicine. Unani: History, concept: Umoor-e- tabiya, tumors treatments/ therapy, polyherbal formulations.

Unit2:

Conservation of endangered and endemic medicinal plants. Definition: endemic and endangered medicinal plants, Red list criteria; In situ conservation: Biosphere reserves, sacred groves, National Parks; Ex situ conservation: Botanic Gardens, Ethnomedicinal plant Gardens.

Propagation of Medicinal Plants: Objectives of the nursery, its classification, important components of a nursery, sowing, pricking, use of green house for nursery production, propagation through cuttings, layering, grafting and budding.

Unit 4:

Ethnobotany and Folk medicines. Definition; Ethnobotany in India: Methods to study ethnobotany; Applications of Ethnobotany: National interacts, Palaeo-ethnobotany, folk medicines of ethnobotany, ethnomedicine, ethnoecology, ethnic communities of India.

Unit 5:

Application of natural products to certain diseases- Jaundice, cardiac, infertility, diabetics, Blood pressure and skin diseases.

Course Outcomes: At the end of the course, a student would be able to -

Define various types of medicines with their functions.

Identify the medicinal plants with their applications.

Explain the botanical name, family and plant parts used for human welfare.

Demonstrate the process of propagation of medicinal plants.

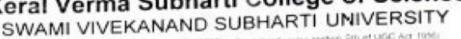
Discuss about the applications of natural products to certain diseases.

References:

- 1. Trivedi P C, 2006. Medicinal Plants: Ethnobotanical Approach, Agrobios, India.
- 2. Purohit and Vyas, 2008. Medicinal Plant Cultivation: A Scientific Approach, 2nd edn. Regrobios, India.



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Ref. No. KVSCOS/BOT/VAC/2021/ et 9

Dated: 20.06.2021

Report of Value Added Course

In the previous sequence of Value Added Courses and as per the current market scenario as well as the guidelines of UGC, we have been started the following Value Added Course for the students of Department of Botany. 19 Students of B.Sc. CBZ, II & VI Semester and M.Sc. (Botany) IV Semester have been enrolled in the same course. The Course has been run in Online Mode using Google Meet. All the students have successfully completed the course.

1. Medicinal Botany (VAC-604)

As per the guidelines, these courses are of 16 hours only. The courses have been started from 01-06-2021 and the course completion date was 16-06-2021. The Course Coordinator, Dr. Permod Kumar has been successfully completed the said course.

Now I am submitting the complete report of the courses included, Course Broucher, Syllabus, Attendance Sheet and certificate format,

Thanking You

Enclousers:

- 1. Course Brochure
- Syllabus
- 3. Attendance Sheet of Students (Online with Screen Shots)
- 4. Certificate for Reference

HOD-Botany (KVSCOS)

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SWAMI VIVEKANAND SUBHARTI UNIVERSITY



(Extendished under U.P. Gove, Act vo. 29 of 2008 and appropriate sector section 207 of USG Act 1950) 1% (1125-)439578, 2409052 (KDBECH CHICAGO Tebelar 0121

Ref. No. KVSCOS/BOT/VAC/2021/ 007

List of Attendees: 2020-21

Subject: Medicinal Botany

Sub. Code: VAC 604

Total No of Students: 19

Sr.No.	Name of Students	Enrolment No.	Course
1.	AMEER ALAM	1806000022010	B.Sc. CBZ
	ANAMIKA VERMA	1806000021219	B.Sc. CBZ
3.	DEEPTI	1806000021224	B.Sc. CBZ
4.	EKTA SHARMA	1806000021220	B.Sc CBZ
5.	KAJAL SIROHI	1806000021227	B.Sc. CBZ
6.	RASHMI	1806000022057	B.Sc. CBZ
7.	SHAHZAD MALIK	1806000023939	B.Sc. CBZ
8.	VARUN GAUTAM	1806000021218	B.Sc. CBZ
9.	AKINJA'N SINGH	2006000050313	B.Sc. CBZ
10.	AYANAM	2006000050441	B.Se. CBZ
11.	GARIMA	2006000050314	B.Se. CBZ
12.	HIMANIKA	P-35865	B.Sc. CBZ
13.	HIMANSHU	2006000050315	B.Sc. CBZ
14.	THE RESEARCH ST. N. LEWIS CO., LANSING.	2006000050316	B.Sc. CBZ
15.	SARTHAK	2006000050317	B.Sc. CBZ
16.	AN ADDRESS OF THE PART OF THE	1506010001670	M.Sc. Botany
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18		1906000001997	M.Sc. Botany
19	RIYA	1906000002099	M.Sc. Botany

HOD:Botany, (KVSCOS)



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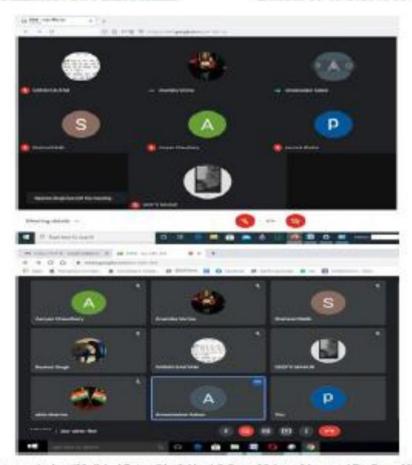


(Established under U.P. Govt. Act no. 29 of 2008 and approved under section 20) of UGC Act 1956) Ph. 0121-2439578, 2439052 3058031, 3056032 Yeleho: 0121

Attendance Screenshots

NAME OF THE COURSE: Medicinal Botany (VAC-604)

Course Coordinator: Dr. Permod Kumar Dated: 01-06-2021 to 16-06-2021



(An online webinar was organized on "Medicinal Botany" by Subharti College of Science, Meerut and Dr. Permod Kumar (Aust. Prof.) addressing the students)