



Department of Botany
Keral Verma Subharti College of Science
SWAMI VIVEKANAND SUBHARTI UNIVERSITY

(Established under U.P. Govt. Act no. 29 of 2008 and approved under section 2(f) of UGC Act 1956)
Ph. 0121-2439578, 2439052, 3058031, 3056032. Telefax: 0121



Ref. No. KVSCOS/BOT/VAC/2021/010

Date: 24.06.2021

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. Natural Resource Management (VAC-404)

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

Thanking You


HOD-Botany
(KVSCOS)

Allowed





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Ref. No. KVSCOS/BOT/VAC/2021/011

Dated: 28.06.2021

NOTICE

Subject: Value Added Courses

This is to inform to all the students of department of Botany that the following courses as a Value Added Course have been introduced for your knowledge enhancement.

Attending of these courses is beneficial to all students. So all students are suggested to register yourself for the same at earliest.

SNO	NAME OF THE COURSE	COURSE CODE	NAM OF THE FACULTY	DATES	TIMING
1	Natural Resource Management	VAC-404	Dr. Hasrat Ali	02-07-2021 to 17-07-2021	3.00 pm to 4.00 pm daily

Copy to:

1. Dean KVSCOS for Information
2. Subject Teacher & Class Coordinator
3. Notice board: For students Information

Anjy
HOD-Botany
(KVSCOS)

Course Name: Natural Resource Management

Course Code: VAC-404

Objectives: To acquaint the students about the methods used in the maintenance of different natural resources.

Unit 1:

Natural resources: Definition and types. Sustainable utilization: Concept, approaches (economic, ecological and socio-cultural). Land Utilization (agricultural, pastoral, horticultural, silvicultural); Soil degradation and management.

Unit 2:

Water Fresh water (rivers, lakes, groundwater, aquifers, watershed); Marine; Estuarine; Wetlands; Threats and management strategies.

Unit 3 :

Biological Resources: Biodiversity- definition and types; Significance; Threats; Management strategies; Bio- prospecting; IPR; CBD; National Biodiversity Action Plan).

Unit 4:

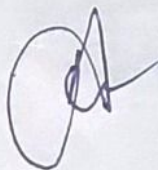
Forests Definition, Cover and its significance (with special reference to India); Major and minor forest products; Depletion; Management Renewable and non-renewable sources of energy.

Unit 5:

Contemporary practices in resource management: EIA, GIS, Participatory Resource Appraisal, Ecological Footprint with emphasis on carbon footprint, Resource Accounting; Waste management. National and international efforts in resource management and conservation.

Course outcome: At the end of the course, a student would be able to –

- Gain knowledge Sustainable utilization.
- Discuss the role of Biological Resources.
- Classify and illustrate Biodiversity, .
- Demonstrate Renewable and non-renewable sources of energy.
- Explain about Contemporary practices in resource management.





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Ref. No. KVSCOS/BOT/VAC/2021/013

Dated: 22.07.2021

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. 16 Students of B.Sc. CBZ, II, IV Semester and M.Sc. (Botany) I 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. Natural Resource Management (VAC-404)


As per the guidelines, these courses are of 16 hours only. The courses have been started from 02-07-2021 and the course completion date was 17-07-2021. The Course Coordinator, Dr. Hasrat Ali 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
2. Syllabus
3. Attendance Sheet of Students (Online with Screen Shots)
4. Certificate for Reference


HOD-Botany (KVSCOS)


Registrar
Swami Vivekananda
Subharti University
MEERUT

Attendance Screenshots

NAME OF THE COURSE: Natural Resource Management (VAC-404)

Course Coordinator: Dr. Hasrat Ali

Dated: 02-07-2021 to 17-07-2021

