



**Department of Botany**  
**Keral Verma Faculty of Science**  
**SWAMI VIVEKANAND SUBHARTI UNIVERSITY**

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

KVSCOS/Botany/2016/05

**Date: 04/07/2016**

**Notice for Value Added Course**

All students are informed that the classes of following two value added course are going to start from this session which are mandatory to attend.

1. Horticultural Practices and Post-Harvest Technology
2. Plant Diversity and Human Welfare

  
**(HOD, Botany)**

  
DEAN  
SUBHARTI COLLEGE OF SCIENCE  
S.V.S.U., MEERUT

  
Registrar  
Swami Vivekanand  
Subharti University  
MEERUT

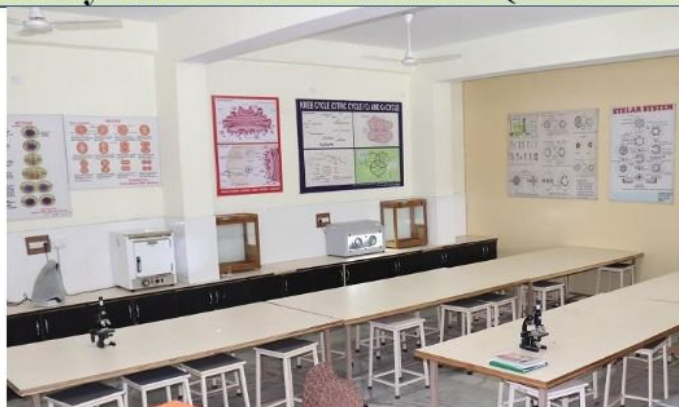
## VALUE ADDED COURSES

Session 2016-17

Course Name: Plant Diversity and Human Welfare (VAC 604)



**Course Offered by:**  
Department of Botany



### The objective of the program:

To create interest in students about the different economically important plant and their use of Human welfare

## VALUE ADDED COURSES

Session 2016-17

### REGISTRATION FORM

#### REGISTRATION FORM

Name:.....

Enrolment No.....

Program:.....

Sem. & Year.....

Contact No./Mobile:.....

E-mail:.....

Course Opted:.....

Course Code:.....

Signature with date:.....

**Contact Person (Course Coordinator)**

**Dr. Anju Rani**  
KERAL VERMA SUBHARTI SCHOOL OF  
SCIENCE

Swami VivekanandSubharti  
University (SVSU), Meerut (UP)

Mob. No. 9410901722

E-mail id: [anjurani.ar1@gmail.com](mailto:anjurani.ar1@gmail.com)

#### Course Schedule

04.03.17 to 24.03.17

2.00 pm 4.00 pm

# Course Content

**Course Name:** Plant Diversity and Human Welfare

**Course Code:**  
VAC-604

**Objectives:** To generate interest in the students about the different economically important plants and their use for human welfare.

## **Unit 1:**

**Plant diversity and its scope:** Genetic diversity, Species diversity, Plant diversity at the ecosystem level, Agrobiodiversity and cultivated plant taxa, wild taxa. Values and uses of Biodiversity: Ethical and aesthetic values, Precautionary principle, Methodologies for valuation, Uses of plants, Uses of microbes.

## **Unit 2:**

**Loss of Biodiversity:** Loss of genetic diversity, Loss of species diversity, Loss of ecosystem diversity, Loss of agrobiodiversity, Projected scenario for biodiversity loss, Management of Plant Biodiversity: Organizations associated with biodiversity management-Methodology for execution-IUCN, UNEP, UNESCO, WWF, NBPGR; Biodiversity legislation and conservations, Biodiversity information management and communication.

## **Unit 3:**

**Conservation of Biodiversity:** Conservation of genetic diversity, species diversity and ecosystem diversity, In situ and ex situ conservation, Social approaches to conservation, Biodiversity awareness programmes, Sustainable development.

## **Unit 4:**

**Role of plants in relation to Human Welfare:** a) Importance of forestry their utilization and commercial aspects b) Avenue trees, c) Ornamental plants of India. d) Alcoholic beverages through ages. Fruits and nuts:

Important fruit crops their commercial importance. Wood and its uses.

## **References:**

1. Krishnamurthy, K.V. (2004). An Advanced Text Book of Biodiversity - Principles and Practices. Oxford and IBH Publications Co. Pvt. Ltd. New Delhi.

  
Rajendra  
Swami Vivekananda  
Subharti University  
MEERUT



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Ref. No. KVFO/Botany/2017/30

Date: 25.03.2017

## Report on Value Added Course

A value added course on "Plant Diversity and Human Welfare" was conducted in Botany department for Final year students. The course starts on 04-03-2017. The session was handled by **Dr. Anju Rani**, Botany on the need for Plant Diversity and Human Welfare. On that session students learnt how to do natural resource properly and effectively and get good yield of silk. Students felt that this value added session on "Plant Diversity and Human Welfare" was very much informative and useful for them and they got the basic idea for developing their knowledge about how to do plant effectively by choosing best species. It is planned to extend this value added training in the next semester with having more refined, advanced and practical knowledge about life diversity.

*Rass*  
(HOD)

  
Registrar  
Swami Vivekanand  
Subharti University  
MEERUT



## List of Students completed VAC

Name of Value-Added Course: **Plant Diversity and Human Welfare**

Course Code: **VAC 604**

S. No.	Enrollment No	Name of Students
1	1601010001840	ANIKA SINGH
2	1601010001842	ANKIT VERMA
3	1601010001856	ASHISH KUMAR
4	1601010001861	BHURA
5	1601010001912	KM SONIYA JOSHI
6	1601010001917	KM. SHALU
7	1601010001919	KM. SHIVANI
8	1601010001933	MANPREET KAUR
9	1601010001959	NEHA CHAUDHARY
10	1601010001969	NISHU KUMARI
11	1601010001970	NISHU SAINI
12	1601010001977	POOJA
13	1601010001980	POONAM
14	1601010001985	PREETY SHARMA
15	1601010001990	RAFIYA ALI
16	1601010001991	RAHUL
17	1601010002020	SHIKHA
18	1601010002021	SHILPI SINGH
19	1601010002032	SHUBHI TYAGI
20	1606010001826	ADITYA SINGH RAJPUT
21	1606010001833	AL YASHA
22	1606010001843	ANKITA KACHHAP
23	1606010001853	ARCHANA MALIK
24	1606010001863	CHHAVI MALIK
25	1606010001868	DEEPAK KUMAR RATHI
26	1606010003195	GAURAV KUMAR
27	1606010001393	JATIN TYAGI
28	1606010001900	KAJAL TOMAR
29	1606010001901	KAJAL TYAGI
30	1606010001906	KM JYOTI
31	1606010001909	KM SHAHANA CHOUDHARY
32	1606010001920	KM. SWETA
33	1606010001923	KOMAL CHAUDHARY
34	1606010001931	MANISHA CHANDRA
35	1606010001934	MANSI TOMAR

  
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Meerut**

**Keral Verma Faculty of Science**

**Department of Botany**

**Certificate of Value Added Course in  
Plant Diversity and Human Welfare  
(VAC-604)**

This is to certify that Mr./**Ms.** **SHIVANI** has been successfully completed his/**her** value added course entitled **“Plant Diversity and Human Welfare ”** during **04-03-2017 to 24-03-2017** .

Dr. Raj Singh  
**HOD, Botany**

Dr. Anju Rani  
**Course Coordinator**



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**Certificate of Value Added Course in  
Plant Diversity and Human Welfare  
(VAC-604)**

This is to certify that Mr./**Ms.** **PREETI** has been successfully completed his/**her** value added course entitled **“Plant Diversity and Human Welfare ”** during **04-03-2017 to 24-03-2017** .

Dr. Raj Singh  
**HOD, Botany**

Dr. Anju Rani  
**Course Coordinator**