



Department of Zoology
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(l) of UGC Act 1956)
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Ref. No. KVSCOS/zoology/2018/001

Dated: 21/03/2018

NOTICE

This is to inform to all the final year students of B.Sc. Hons. And CBZ that Department of Zoology is starting following Value added based on Zoological science related with skill development, entrepreneurship and employability.

1. Modern Sericulture
2. Modern Pisciculture
3. Basic Apiculture

Interested students can enroll themselves and may contact to following faculty members for enrolment in particular course. Course will be starts from 23-04-2018. For registration and further details please contact to HOD, Zoology.

Registrar
Swami Vivekanand
Subharti University
MEERUT

Dr. Anamika Singh
HOD, Zoology

VALUE ADDED COURSES AND THEIR OBJECTIVES Session 2017-18



Courses Offered by :
Department of Zoology
Course-Name- Apiculture
Code:VAC-Z-003



Apiculture -Objective of the programme
To develop the skill and technique of bee keeping ,understand the basic life cycle and tools of bee keeping .To impart the advanced knowledge of organic bee keeping as well as traditional practices employed by sustainable bee keeping ,to enhance the awareness of bees and their positive impact on organic agriculture sector. To learn the techniques of agro based enterprise to get two economically important products honey and wax .

About the course-Beekeeping include rearing of bees to produce valuable products like honey ,bee wax venom and bees themselves. And extraction of these products in its original forms. are mostly used in its original state as produced by but sometimes added to some products to make a new products. Beeswax is used to produced ointments cream and candle making .

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. Anamika Singh
Head of the Department of Zoology
Keral Verma Faculty of Science
Swami Vivekanand Subharti
University (SVSU), Meerut (UP)
Mob.No. 9258750091

E-mail id:
anamikaanu2011@rediffmail.com

Value Added course
Apiculture
VAC-Z-003

30 hours

Unit 1: Biology of Bees (07
Hours)

History, Classification and Biology of Honey Bees Social Organization of Bee Colony

Unit 2: Rearing of Bees (10 Hours)

Artificial Bee rearing (Apiary), Beehives – Newton and Langstroth Bee Pasturage Selection of
Bee Species for Apiculture Bee Keeping Equipment Methods of Extraction of Honey
(Indigenous and Modern)

Unit 3: Diseases and Enemies (05
Hours)

Bee Diseases and Enemies Control and Preventive measures

Unit 4: Bee Economy (04
Hours)

Products of Apiculture Industry and its Uses (Honey, Bees Wax, Propolis), Pollen Etc

Unit 5: Entrepreneurship in Apiculture (04 Hours)

Bee Keeping Industry – Recent Efforts, Modern Methods in employing artificial Beehives for
cross pollination in horticultural gardens

SUGGESTED READINGS

1. Prost, P. J. (1962). *Apiculture*. Oxford and IBH, New Delhi.
2. Bisht D.S., *Apiculture*, ICAR Publication.
3. Silkworm Rearing; Wupang—Chun and Chen Da-Chung, Pub. By FAO, Rome 1988.
4. A Guide for Bivoltine Sericulture; K. Sengupta, Director, CSR & TI, Mysore 1989.
5. Improved Method of Rearing Young age silkworm; S. Krishnaswamy, reprinted CSB, Bangalore,


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Subhartipuram, NH-58 Delhi-Haridwar-Meerut Bypass Road,
Meerut -250005

Report on
Value Added Course 2017-2018

A value added course on “Basic Apiculture” was conducted in Zoology department for Final year students, four hour per week. The course starts on 23-04-2018. The session was handled by Dr. Anamika Singh and Dr. Dheer Pal Singh of Zoology. By this value added course, students learnt how to do the Apiculture with different species of honey bee (Apis) and how to arrange the natural and man- made hive with different styles. Students felt that this value added session Basic Apiculture was very much useful for them and they got the basic idea for Apiculture and how to use honey bee in different environment to collect best honey. It is planned to extend this value added training in the next semester with having more new site demonstration on Apiculture.


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(Department of Zoology)

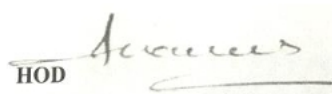
List of Students

Basic Apiculture

Sl. No	Name of the Students
1.	Doli Sharma
2.	Bharat Titoria
3.	Shivam Sharma
4.	Disha Sharma
5.	Ekta Chaudhary
6.	Jyoti
7.	Anu Fogat
8.	Rakhi Chaudhary
9.	Shilpa Rani
10.	Priya Sharma
11.	Rekha Nagar
12.	Manisha Sharma
13.	Shivani Chauhan
14.	Shilpi Tyagi
15.	Vaseem Ahmad
16.	Harshita Tyagi
17.	Kumari Pooja
18.	Nandini Parashar
19.	Preeti
20.	Prince Tomar
21.	Priya Sharma
22.	Shivam Sharma
23.	Vatika
24.	Vrishnika Yadav
25.	Abhishek Verma
26.	Arjun Kumar
27.	Jyoti Jindal
28.	Anushka
29.	Preeti
30.	Digvijay Shishodia
31.	Jyoti Panchal
32.	Mayank Sharma
33.	Shivi Tyagi
34.	Nisha
35.	Princy Meena



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