

RAYAT SHIKSHAN SANSTHA'S

ARTS, SCIENCE & COMMERCE COLLEGE, RAMANANDNAGAR (BURLI)

TAL: PALUS, DIST.: SANGLI (M.S) INDIA.

DEPARTMENT OF ZOOLOGY



B.Sc. - III

VALUE ADDED COURSE

ON

“Identification of Snakes”

2018-2019

Rayat Shikshan Sanstha's
Arts Science & Commerce College Ramanandnagar (Burla)
Department of Zoology
B. Sc. III

Value Added Course – Identification of Snakes

2018-2019 – Report

Department of Zoology has conducted Value Added Course Identification of Snakes for the Year 2019-20. For this course total 12 lectures along with practical were allotted. The syllabus was completed within stipulated time. The students visited "Nagpanchami" at Shirala. For studying various species of snakes, their morphology, behavior, breeding, feeding, housing, etc. This study will be helpful for the students to establish their own knowledge and will be beneficial as their saving the life of both the snakes and the snake bit victim. Total three faculties were engaged in conducting the course. The syllabus of course is prepared as per the time duration and guidelines of Shivaji University. The time table, attendance etc. is maintained at departmental level.

Total 11 number of students were admitted for the said course, the characteristic features of Poisonous & Non Poisonous Snakes such as Nature of Tail, Nature of Scales & Biting mechanism were explained to students. The biting mechanism of Poisonous & Non Poisonous mechanism was explained with the help of Photographs. The students were also made aware of the specific type of venom such as Neurotoxic, Hemotoxic & Cytotoxic venom of snake. The student's were also made aware of First- Aid treatment after the bite of snake

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ARTS, SCIENCE & COMMERCE COLLEGE, RAMANANDNAGAR
(BURLI)**

DEPARTMENT OF ZOOLOGY

VALUE ADDED COURSE – IDENTIFICATION OF SNAKES

STUDENT LIST 2018- 2019

Sr. No	Roll No.	Name of the Student
1	2231	Bhise Vikram Vilas
2	2232	Gaikwad Sayali Vasant
3	2233	Hawaladar Gayatri Mahadev
4	2234	Jadhav Komal Mukesh
5	2235	Kamble Vinaya Prakash
6	2236	Karajagikar Ruksana Hajilal
7	2237	Kulkarni Aniket Anil
8	2239	Patil Supriya Sakharam
9	2240	Suryawanshi Abhijit Sanjay
10	2241	Yadav Pradnya Sunil
11	2243	Gavade Akash Bhagwan

Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Ramanandnagar (Burli)

**Value Added Course
Year – 2018-19
Identification of Snakes**

Objectives-

- To describe the key characteristics used to identify venomous and non-venomous snakes.
- To explain the key elements about biology of snakes that are important for conservation of snakes.
- To opt scientific knowledge about poisonous and non-poisonous snake bites.
- To know about the preliminary treatment of snake bite.
- Awareness about eradication of superstition regarding the snake bite.
- To hammer the people that the snake is friend of farmer and they should be saved in nature.

Duration of the course: Three Months (60 min. lecture per weeks, 1 Practical per week)

Organization of study tour is Compulsory for B.Sc.III

Tuition Fees: Free of cost

Facilities:

- Well equated class-room, Laboratory and Botanical garden.
- Computer with internet and Printer

Theory Syllabus-

Unit I –

1. Taxonomy of snakes and general characters of snakes
2. Identification of non-poisonous snakes and Poisonous snakes.
 1. Nature of snake bite marks
 2. Nature of flow of blood.
 3. Nature of tail
 4. Nature of ventrals
 5. Nature of head shields.
 6. Nature of vertebrales

Unit II – Poison Apparatus

- 1) Poison gland
- 2) Poison duct

3) Poison fangs

Unit III-

1) Venom, Anti venom and its effects

2) Snake bite and first aid treatment

i) First aid treatment for poisonous snakes

ii) First aid treatment for Nonpoisonous snakes

iii) First aid treatment for semi-poisonous snakes

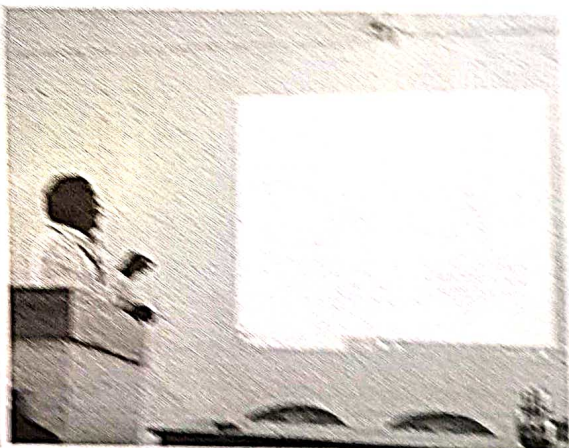
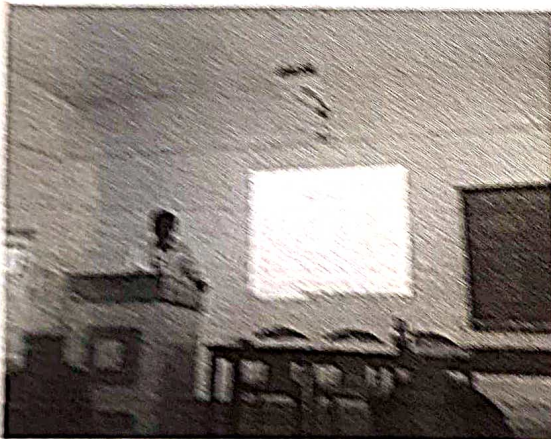
Field visit 1) Rescue operation 2) Handling of the snakes

References:

1. A textbook of vertebrate Zoology: Prasad, S.N.
2. The life of vertebrates: Younge, J.Z.
3. Chordates: Dhama and Dhama
4. Vertebrates: Kotpal, R.C.



Workshop on Identification of Poisonous & Non-poisonous Snakes conducted by Shri. Anandhan A R for B.Sc. - III Zoology students



Mr. A. B. Mane conducted a session on "STRIDE"

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DEPARTMENT OF ZOOLOGY

VALUE ADDED COURSE – IDENTIFICATION OF SNAKES 2018- 2019

Sr. No	Roll No.	Name of the Student	2/1/18	3/1/18	4/1/18	5/1/18	6/1/18	7/1/18	8/1/18	9/1/18	10/1/18	11/1/18	12/1/18	1/2/18	2/2/18	3/2/18	4/2/18	5/2/18	6/2/18	7/2/18	8/2/18	9/2/18	10/2/18	11/2/18	12/2/18	
1	2231	Bhise Vikram Vilas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	2232	Gaikwad Sayali Vasant	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	2233	Hawaladar Gayatri Mahadev	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	2234	Jadhav Komal Mukesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	2235	Kamble Vinaya Prakash	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	2236	Karajagikar Ruksana Hajilal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	2237	Kulkarni Aniket Anil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	2239	Patil Supriya Sakharan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	2240	Suryawanshi Abhijit Sanjay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	2241	Yadav Pradnya Sunil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	2243	Gavade Akash Bhagwan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

(Signature)

Head
Department of Zoology
A.S.C.College, Ramanandnagar(BurlI)