

ALLIED ZOOLOGY
COURSE SCHEDULE (2021-2023: EVEN Semester)
SW3A1 ALLIED ZOOLOGY PRACTICAL

Name of the Instructors : Dr.S.Indumathi

Class : II Sem. -
 BCH

Course Outcomes:

| CO Nos. | Course Outcomes | Knowledge Level (Based on revised Bloom's Taxonomy) | Statement |
|---------|--|---|--|
| CO-01 | • To dissect and mount an invertebrate specimen and understand its anatomical features | K2-Understanding | Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas. |
| CO-02 | Students will able to mount an invertebrate and vertebrate specimens and understand its anatomical features | K2-Understanding | Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas. |
| CO-03 | Students will able to gain knowledge in the morphological structures of various animal phyla through specimens | K2-Understanding | Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas. |
| CO-04 | | | |

Lesson Plan

UNIT1

Course Outcome Statement (CO-01)

- To dissect and mount an invertebrate specimen and understand its anatomical features (K2-Understanding)

| S.No | Content | Delivery Method | Teaching Aids | Nature Of Learning | Hours | Reference |
|------|--|-----------------|-----------------|--------------------|-------|--|
| 1 | Cockroach: Digestive system, Cockroach: Nervous system | Demo | Chalk and Board | true | 3 | 1. A manual of practical Zoology - Invertebrata Verma, P.S.and V.K.Agarwal. 2. A manual of practical Zoology - Chordates - Verma, P.S.and V.K.Agarwal |

Lesson Plan

UNIT 2

Course Outcome Statement (CO-02)

Students will be able to mount invertebrate and vertebrate specimens and understand its anatomical features (K2-Understanding)

| S.No | Content | Delivery Method | Teaching Aids | Nature Of Learning | Hours | Reference |
|-------------|---|------------------------|----------------------|---------------------------|--------------|--|
| 1 | 1. Mouth parts of cockroach. 2. Mouth parts of Mosquito. 3. Shark placoid scale | Demo | Chalk and Board | true | 3 | 1. A manual of practical Zoology - Invertebrata Verma, P.S.and V.K.Agarwal. 2. A manual of practical Zoology - Chordates - Verma, P.S.and V.K.Agarwal |

Lesson Plan

UNIT 3

Course Outcome Statement (CO-03)

Students will able to gain knowledge in the morphological structures of various animal phyla through specimens (K2-Understanding)

| S.No. | Content | Delivery Method | Teaching Aids | Nature Of Learning | Hours | Reference |
|-------|--------------------------------|-----------------|------------------|--------------------|----------|-----------------------|
| 1 | Protozoa : | Demo | specimens | true | 3 | 1. A manual of |
| | 1. Entamoeba | | | | | practical |
| | histolytica | | | | | Zoology - |
| | 2. Plasmodium vivax | | | | | Invertebrata |
| | 3. Paramecium | | | | | Verma, |
| | caudatum | | | | | P.S.and |
| | Porifera : | | | | | V.K.Agarwal. |
| | 4. Scypha (sycon) | | | | | |
| | Coelenterata : | | | | | |
| | 5. Obelia geniculata | | | | | |
| 2 | 6. Platyhelminthes | Demo | specimens | true | 3 | 1. A manual of |
| | Taenia solium | | | | | practical |
| | 7. Aschelminthes | | | | | Zoology - |
| | Ascaris | | | | | Invertebrata |
| | 8. Annelida : | | | | | Verma, |
| | Earth | | | | | P.S.and |
| | Worm | | | | | V.K.Agarwal. |
| | Arthropoda : 9. Prawn | | | | | |
| 3 | Mollusca : 10. Fresh | Demo | specimens | true | 3 | 1. A manual of |
| | Water Mussel. | | | | | practical |
| | Echinodermata : 11. | | | | | Zoology - |
| | Star fish. Prochordates | | | | | Invertebrata |
| | : 12. Amphioxus | | | | | Verma, |
| | vertebrate spotters | Demo | specimens | true | 3 | P.S.and |
| | Pisces : 13. Shark | | | | | V.K.Agarwal. |
| | Amphibia : 14. Frog | | | | | |
| | Reptilia : 15. Calotes | | | | | |
| | Aves : 16. Pigeon | | | | | |
| | Mammalia : 17. Rabbit. | | | | | |