

## IGNOU- Doaba College Study Centre (2212)

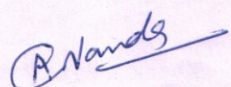
### Conduct of BSCG Practical Counseling for Zoology Courses

Course Code: BZYCL-132

Course Title: Animal Diversity: Laboratory

Credits : 2

Sr. No.	List of Practicals	Date	Time	Name of the Teacher
1.	Observation and Classification of Specimens of : Phylum: Protista Phylum: Annelida Phylum: Arthropoda	28.1.2023	From 10:00am	Dr. Ashwani Kumar
2.	Observation and Classification of Specimens of : Fishes, Aves and Mammals	28.1.2023	From 2:00pm	Dr. Ashwani Kumar



**Prof. Arvind Nanda**  
Coordinator  
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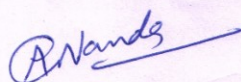
### Conduct of BSCG Practical Counseling for Zoology Courses

Course Code: BZYCL-134

Course Title: Comparative Anatomy of Developmental Biology of Vertebrates: Laboratory

Credits : 2

Sr. No.	List of Practicals	Date	Time	Name of the Teacher
1.	To study Osteology of Frog.	4.2.2023	From 10:00am	Dr. Ashwani Kumar
2.	Study of Sperm and Ova of Rat.	4.2.2023	From 10:00am	Dr. Ashwani Kumar
3.	Study of the developmental stages of Frog using permanent slides.	4.2.2023	From 2:00pm	Dr. Ashwani Kumar



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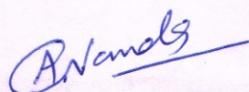
### Conduct of BSCG Practical Counseling for Zoology Courses

Course Code: BZYCL-136

Course Title: Physiology and Biochemistry : Laboratory

Credits : 2

Sr. No.	List of Practicals	Date	Time	Name of the Teacher
1.	To study permanent histological sections of Mammilian Endocrine glands: Pituitary, Thyroid, Pancreas, Adrenals.	11.2.2023	From 10:00am	Dr. Ashwani Kumar
2.	To study permanent histological sections of Mammilian tissues: Spinal cord, duodenum, Liver, Lung, Kidney, Bone and Cartilage.	11.2.2023	From 2:00pm	Dr. Ashwani Kumar



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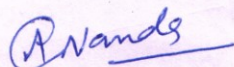
### Conduct of BSCG Practical Counseling for Zoology Courses

Course Code: BZYCL-138

Course Title: Genetics and Evolutionary Biology : Laboratory

Credits : 2

Sr. No.	List of Practicals	Date	Time	Name of the Teacher
1.	Study of Mendelian Inheritance and Gene Interaction (Non Mendelian Inheritance) using suitable examples and verifying the results using Chi-Square Analysis(Dihybrid Mendelian Ratio II).	18.2.2023	From 10:00am	Dr. Ashwani Kumar
2.	Study of Human Karyotypes (Normal and Abnormal).	18.2.2023	From 2:00pm	Dr. Ashwani Kumar
3.	Study of Pedigree Chart.	18.2.2023	From 2:00pm	Dr. Ashwani Kumar



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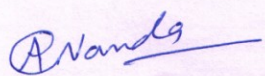
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### Conduct of BSCG Practical Counseling for Zoology Courses

Course Code: BZYEL-142  
Course Title: Immunology : Laboratory  
Credits : 2

Sr. No.	List of Practicals	Date	Time	Name of the Teacher
1.	To determine the Human Blood Group and Rh factor.	25.2.2023	From 10:00am	Dr. Ashwani Kumar
2.	To study with the help of permanent slides the histology of Spleen, Thymus and Lymph nodes.	25.2.2023	From 2:00pm	Dr. Ashwani Kumar



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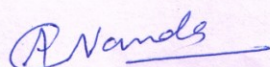
### Conduct of BSCG Practical Counseling for Zoology Courses

Course Code: BZYEL-144

Course Title: Insect vectors and Vector Borne Diseases : Laboratory

Credits : 2

Sr. No.	List of Practicals	Date	Time	Name of the Teacher
1.	Study of following Insect vectors through permanent slides / Photographs. 1. <i>Aedes</i> 2. <i>Culex</i> 3. <i>Anopheles</i>	4.3.2023	From 10:00am	Dr. Ashwani Kumar
2.	Study of different diseases transmitted by <i>Aedes</i> , <i>Culex</i> and <i>Anopheles</i> with the help of Charts and Models.	4.3.2023	From 10:00am	Dr. Ashwani Kumar
3.	Study of different diseases transmitted by <i>Xenopsylla cheopis</i> , <i>Cimex lectularius</i> , <i>Phelotomus argentipe</i> and <i>Musca domestica</i> with the help of Charts and Models.	4.3.2023	From 2:00pm	Dr. Ashwani Kumar



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