

Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

### CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Abdul Ahad Khatri</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- Animal Diversity: Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Abdul Ahad Khatri</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

**Signature of Instructor** 

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Aditya Dhaka</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Aditya Dhaka</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Aditya Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Aditya Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Aman Jagrawal</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Aman Jagrawal</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Anisha</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Anisha</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Anjali Jakhar</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Anjali Jakhar</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Anjali Verma</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Anjali Verma</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Ankit Kumar</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Ankit Kumar</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Ankit Kumar</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Ankit Kumar</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Ankit Kumar Buri</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

Animal Anatomy: Dissection and analysis of internal organ systems, particularly within fish 1.

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Ankit Kumar Buri</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Ankita Jangir</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Ankita Jangir</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Anuj Kumar</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Anuj Kumar</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Anuj Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Anuj Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Anupriya</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Anupriya</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Ashish Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Ashish Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Ashish Sankhala</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Ashish Sankhala</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Avinash Jangir</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Avinash Jangir</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Babita Kumari</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

**Babita Kumari** has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Chanchal Chawala</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Chanchal Chawala</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Chitra Sahal</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Chitra Sahal</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Darshan Jangir</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Darshan Jangir</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Dimpal</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Dimpal</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Divyansh Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Divyansh Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Gunjan Kanwar</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Gunjan Kanwar</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Indu Kumari</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

*Indu Kumari* has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Jangid Arti Shaktidhar</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Jangid Arti Shaktidhar</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Jayati Chandra</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Jayati Chandra</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Jedy Tanwar</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Jedy Tanwar</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Jignesh</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Jignesh</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Jitesh Kumar</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Jitesh Kumar</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Jyoti Chawla</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Jyoti Chawla</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Jyoti Rar</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Jyoti Rar</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Jyoti Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Jyoti Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Jyoti Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Jyoti Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Kamlesh Kumar</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Kamlesh Kumar</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Karan Kumar Soni</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Karan Kumar Soni</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Mamta Kumari Meena</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Mamta Kumari Meena</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Manisha</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Manisha</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Monu Dhaka</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Monu Dhaka</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Ms Anju</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Ms Anju</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Ms Komal Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

Animal Anatomy: Dissection and analysis of internal organ systems, particularly within fish, leading

to a deeper understanding of vertebrate anatomy.

• **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.

- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Ms Komal Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Ms. Sagufa Khatri</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

Ms. Sagufa Khatri has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Muskan Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Muskan Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Muskan Shekh</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Muskan Shekh</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Nayum Khan</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Nayum Khan</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Neha</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Neha</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Neha Kumari Doot</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Neha Kumari Doot</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Nikita Kumari</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Nikita Kumari</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Nikita Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Nikita Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Nitin Kumar</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Nitin Kumar</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Pallavi Sharma</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Pallavi Sharma</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Palwal Kumar Boyal</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Palwal Kumar Boyal</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Pooja Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Pooja Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Preetam Singh</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Preetam Singh</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Prerna Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Prerna Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Priyanchal Chouhan</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Priyanchal Chouhan</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Rajnikant</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Rajnikant</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Rashi Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Rashi Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Rinku Meena</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Rinku Meena</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Romik</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Romik</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Rupendra Singh</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Rupendra Singh</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Sachin Bugalia</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Sachin Bugalia</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Sania</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Sania</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Sanjay Kumar Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Sanjay Kumar Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Sapna Kumari</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Sapna Kumari</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Shivani Jangir</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

**Shivani Jangir** has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Siddharth Ranwa</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Siddharth Ranwa</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Simran Sharma</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Simran Sharma</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Somiya Sharma</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

**Somiya Sharma** has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Sonu Dhaka</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Sonu Dhaka</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Sonu Sharma</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Sonu Sharma</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Tanu Singh</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Tanu Singh</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Uday Singh</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Uday Singh</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Uganxi Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Uganxi Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Varsha Meel</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Varsha Meel</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Vikas Kumar</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Vikas Kumar</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Virendra Singh</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Virendra Singh</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Virendra Singh Shekhawat</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

Animal Anatomy: Dissection and analysis of internal organ systems, particularly within fish, leading

to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Virendra Singh Shekhawat</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR



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# CERTIFICATE OF EXPERIENTIAL LEARNING DEPARTMENT OF ZOOLOGY

This certificate is awarded to Student Name - <u>Yogita Saini</u> in recognition of successful completion of the B.Sc. Part III Zoology laboratory course Date - <u>10/02/2023</u>

This course provided comprehensive hands-on experience in animal science, including:

**Animal Anatomy:** Dissection and analysis of internal organ systems, particularly within fish, leading to a deeper understanding of vertebrate anatomy.

- **Microscopy Techniques:** Utilizing slides and microscopes to identify key structures in various animal groups, encompassing invertebrates, vertebrates, and mammals.
- **Animal Diversity:** Identifying and classifying a wide range of animal groups through observation and study of museum specimens, covering ascidians, fishes, amphibians, reptiles, birds, and mammals.
- Comparative Osteology: Performing comparative analysis of skeletal structures (skull, vertebrae, limbs) in diverse vertebrates like amphibians, reptiles, birds, and mammals using various learning resources like models, charts, and actual bones.
- Environmental Biology & Ethology: Applying basic techniques to analyze environmental parameters (soil pH, water quality) and conducting initial zooplankton identification, alongside gaining an understanding of animal behavior through studying stored insect behavior, communication patterns in specific animals, and participating in a field trip.

<u>Yogita Saini</u> has demonstrated proficiency in practical laboratory skills, anatomical knowledge, and an appreciation for animal diversity and environmental assessment.

Signature of Instructor

PROF. RAMA DEEDWANIYA ASSISTANT PROFESSOR