



ONE-WEEK TRAINING PROGRAMME ON **WILDLIFE HEALTH MANAGEMENT** FOR VETERINARIANS



For Online Application Scan

Office of the Zoo Director

Balasaheb Thackeray Gorewada International Zoological Park
Katol Road, Bodhala, Nagpur - 441501
W : www.wildgorewada.com | E : office@wildgorewada.com

Office of the Director

Wildlife Research and Training Centre Gorewada Rescue Centre,
Opposite Hindustan Lever Godown, Mahurzari Road, Nagpur - 41
W : www.wrtcmafsu.ac.in

Dr. Sujith Kolangath SMS (ABT) : +91 8888 712 780
Dr. Mayur Pawase SMS (ARGO) : +91 9747 205 002



- Organised by -

Balasaheb Thackeray Gorewada International Zoological Park
& Wildlife Research and Training Center

- Sponsored by -

Maha CAMPA and Maharashtra Forest Department



One-Week Training Programme on 'Wildlife Health Management' for Veterinarians

FDCM Gorewada Zoo (FGZ) Limited is a Government of Maharashtra enterprise, responsible for the operation and maintenance of the Balasaheb Thackeray Gorewada International Zoological Park (BTGIZP) and the Wildlife Rescue Centre at Gorewada. The Wildlife Research & Training Centre (WRTC), located in the Gorewada Zoo campus, was established to promote wildlife research and training. WRTC operates under a Memorandum of Understanding (MoU) between Maharashtra Animal & Fishery Sciences University (MAFSU) and the Forest Development Corporation of Maharashtra Ltd. (FDCM).

Gorewada Zoo and the Wildlife Research & Training Centre (WRTC) are collaborating to organise a comprehensive one-week training programme on Wildlife Health Management for veterinarians. This initiative is designed to strengthen conservation efforts, address wildlife health challenges and empower ground-level staff with the skills and confidence to effectively manage wildlife-related cases.

Duration : 5 days

Eligibility : Bachelor's degree in Veterinary Sciences
(Veterinary Doctors associated with Transit Treatment Centre [TTC], Territorial and Wildlife Forest Divisions in Maharashtra)

Participants : 20

Date : 2nd to 6th December 2024

Venue : Conference Hall, Wildlife Rescue Center,
Gorewada, Nagpur

Day 1

02 / 12 / 2024 - Wildlife Health Management

Time	Particulars	Description
09:00 AM - 09:30 AM	Inauguration and Overview of the Training Host : Dr. M. D. Pawshe	Introduction to the program, objectives and key topics in wildlife forensics. Guests : Director, WRTC, Nagpur and Zoo Director, BTGIZP, Nagpur
09:30 AM - 10:15 AM	Session 1 - Ice Breaking	Engaging in fun activities to help participants get to know each other.
10:15 AM – 10:30 AM : Tea Break		
10:30 AM - 11:15 AM	Session 2 - Overview of Wildlife Health	Introduction to wildlife health indicators and key ecological factors. Dr. S. V. Upadhye
11:15 AM - 12:30 PM	Session 3 - Common Diseases in Wild Felines	Focus on viral, bacterial and parasitic diseases in large felines like tigers and leopards. Dr. V. M. Dhoot
12:30 PM – 01:30 PM : Lunch Break		
01:30 PM – 02:45 PM	Session 4 - Common Diseases in Canids	Discussion of diseases like rabies, distemper, and zoonotic risks affecting wild canids. Dr. Shalini A. S.
02:45 PM - 03:45 PM	Session 5 - Principles of Post-mortem Examination	Conducting a step-by-step necropsy on wildlife. Dr. N. V. Kurkure
03:45 PM – 04:00 PM Tea Break		
04:00 PM - 04:45 PM	Session 6 - Principles of Chemical Restraint	Overview of drug types, dosages and legal considerations. Dr. S. V. Upadhye
04:45 PM - 05:30 PM	Practical: Tranquilization equipment, Dart Making and Drug Filling	Dr. Mayur Pawshe

Day 2

03 / 12 / 2024 - Wildlife Health Management

Time	Particulars	Description
09:00 AM - 09:45 AM	Session 1 – Sample Collection Techniques, Handling and Transportation of Samples	Blood, tissue and fecal sample collection techniques for different species. Dr. P. M. Sonkusale
09:45 AM - 10:45 AM	Session 2 – Disease Monitoring & Surveillance systems in Wildlife	Common diseases in wildlife, its diagnosis and reporting Dr. S. M. Kolangath Dr. A. P. Gawande
10:45 AM – 11:00 AM Tea Break		
11:00 AM - 12:30 PM	Practical Session – Field simulation : Forensic Sample collection	Practice sample collection under field conditions. Dr. Sujit Kolangath Miss. Priyanka Mulmule Miss. Shruti Patwa
12:30 PM – 01:30 PM Lunch Break		
01:30 PM - 02:30 PM	Session 3 – Use of ECG in detecting ailments in wildlife	Use of ECG in small and large animals to detect heart abnormalities. Dr. A. S. Shalini
02:30 PM - 03:30 PM	Session 4 – Molecular Diagnostics in Wildlife Disease	Applications of PCR, ELISA, sequencing and molecular techniques in wildlife health. Dr. S. M. Kolangath
03:30 PM – 03:45 PM Tea Break		
03:45 PM - 05:30 PM	Practical Session: Chemical Immobilization	Dr. Bhagyashree Bhadane Dr. Mayur Pawshe Dr. Sujit Kolangath

Day 3

04 / 12 / 2024 - Wildlife Health Management

Time	Particulars	Description
09:00 AM - 10:00 AM	Session 1 – Modern Imaging Techniques in wildlife and its utility in diagnosis	Use of USG and radiography in wildlife Dr. S. V. Upadhye
10:00 AM - 11:00 AM	Session 2 – Administering Chemical and Physical Restraint	Techniques for administering chemical and physical restraint (Ropes, cages, darting, injections). Dr. Bhagyashree Bhadane
11:00 AM – 11:15 AM : Tea Break		
11:15 AM - 12:30 PM	Session 3 – Insights From the Forest Department	Experience Sharing Shri. S. S. Bhagwat
12:40 PM onwards Lunch & Visit to Titralmangi, Pench Tiger Reserve, Maharashtra -Dr. Mayur Pawshe		



Day 4

05 / 12 / 2024 - Wildlife Health Management

Time	Particulars	Description
09:00 AM - 10:00 AM	Session 1 – Common Diseases in Birds	Key diseases in raptors, waterfowls and urban birds, including zoonotic implications. Dr. V. M. Dhoot
10:00 AM - 11:00 AM	Session 2 – Incidences of Toxicity in Wildlife and their investigation	Toxicity of agrochemicals, post mortem changes, sampling, packaging and dispatch of samples. Dr. P. M. Sonkusale
11:00 AM – 11:15 AM: Tea Break		
11:15 AM - 12:30 PM	Session 3 – Rehabilitation and Release of Wild Animals	Best practices for rehabilitation and criteria for release. Dr. S. V. Upadhye
12:30 PM – 01:30 PM Lunch Break		
01:30 PM - 02:30 PM	Session 4 – Documenting Wildlife Deaths	Legal and ethical considerations for documenting wildlife deaths. Dr. A. P. Gawande Dr. Sujit Kolangath
02:30 PM - 03:30 PM	Session 5 – Zoonotic Diseases and Wildlife Public Health	Case studies of zoonotic outbreaks and public health impacts. Dr. Sujit Kolangath Dr. A. P. Gawande
03:30 PM – 03:45 PM Tea Break		
03:45 PM - 05:30 PM Visit to BTGIZP, Nagpur -Dr. Mayur Pawshe		

Day 5

06 / 12 / 2024 - Wildlife Health Management

Time	Particulars	Description
09:00 AM - 10:00 AM	Session 1: Wild and exotic bird diseases and post mortem investigations.	Important wild birds diseases and investigations. Dr. Megha Kaore
10:00 AM - 11:00 AM	Session 2 – Breeding of Wildlife in captivity.	Aspects of breeding management, heat detection, etc Dr. Manoj Patil
11:00 AM – 11:15 AM: Tea Break		
11:15 AM - 12:30 PM	Session 3 – Case Discussion: Case Studies in Wildlife Disease Management	Real-life case discussions on diagnosing wildlife diseases. Dr. Shalini A. S.
12:30 PM – 01:30 PM Lunch Break		
01:30 PM - 03:15 PM	Practical Drill – Comprehensive Wildlife Health Examination	Full health checkup, sample collection and treatment plan development. Dr. V. M. Dhoot
03:15 PM – 03:30 PM : Tea Break		
03:30 PM - 04:45 PM	Final Review, Open Discussion	Open Q&A and review of key lessons from the training.
04:45 PM - 05:15 PM	Certificate Distribution & Concluding Remarks	

