

REGIONAL ZOO KEEPERS TRAINING PROGRAMME



NANDANKANAN ZOOLOGICAL PARK, BHUBANESWAR

24TH-26TH NOVEMBER, 2021

Programme Schedule

ZOO KEEPERS TRAINING CURRICULUM			RESOURCE PERSON
SCHEDULE		THEME/TOPIC	
24/11/2021			
	10:00	Inaugural session	
Session 1	10:30-10:45	Zoos and the Central Zoo Authority	Dr Gowri Mallapur
		Tea Break	
	11:00-12:00	Basic Hygiene protocols in a zoo; Self sustainability- food fodder, water use and composting	Dr Debabrata Mohapatra
	12:00-13:00	Equipment used in species care and management	Dr Gowri Mallapur
	13:00-14:00	Lunch Break	
	14:00-15:00	Basic SOP for handling and restraint, behaviour observations	Dr Sarat Sahu
		Tea Break	
	15:15-15:45	Essentials of hand-rearing animals and Visit to zoo	Dr Gowri Mallapur Dr Rajesh Mohapatra
25/22/2021			
Session 2	9.00-9:30	Zoo keeping- an Art & the Science (Role of zoo keepers with broader vision, emergencies and protocols)	Dr Lakshminarasimha R
		Management of Birds in captivity:	
	9:30-10:30	Basic Biology & Captive Husbandry, Identification of Sexes	Dr Lakshminarasimha R
	10:30-11:30	Enrichment tools and ideas; Hands-on: making some tools	Dr Lakshminarasimha R Dr R.K. Mohapatra
		Tea Break	
Session 3		Management of Carnivores:	
	11:45-12:30	Basic Biology & Captive Husbandry	Dr S.P. Parida
	12:30-13:30	Enrichment tools and ideas; Hands-on: making some tools	Dr R.K. Mohapatra
		Lunch Break	
Session 4		Management of Herbivores:	
	14:30-15:30	Basic Biology & Captive Husbandry	Dr Sudipta Panda
	15:30-16:30	Enrichment tools and ideas; Hands-on: making some tools	Dr R.K. Mohapatra
		Tea break	
	16:45	Demonstration of Placement of enrichment tools in enclosures for best efficacy and accounting for dynamic use	Dr R.K. Mohapatra Sudipta Panda
26/11/2021			
Session 5		Management of Reptiles:	
	9:30-10:30	Basic Biology & Captive Husbandry, Identification of Sexes; Collection of Eggs	Dr Gowri Mallapur Prof Sudarsan Maharana
	10:30-11:30	Enrichment tools and ideas: Hands-on making some tools	Dr Gowri Mallapur Dr R.K. Mohapatra
		Tea Break	
Session 6		Management of Primates:	
	11:30-12:30	Basic Biology & Captive Husbandry	Dr Santosh Gupta
	12:30-13:30	Enrichment tools and ideas: Hands-on making some tools and placement	Dr R.K. Mohapatra
		Lunch Break	
	14:30	Experience sharing by the participants	Sri M.K. Panda
		Tea break	

LIST OF PARTICIPANTS

1. SANJEEV KUMAR SINGH, FOREST GUARD, SANJAY GANDHI BIOLOGICAL PARK, PATNA
2. HEMA MISHRA, SR. HORTICULTURE ASST., INDIRA GANDHI PARK & ZOO
3. SOMNATH GULIMAJHI, ZOO KEEPER, ALIPORE ZOOLOGICAL GARDEN
4. RABINDRANATH PAL, ZOO KEEPER, BARDHAMAN ZOOLOGICAL PARK
5. SATYABRATA RATH, ZOO KEEPER, KAPILASH ZOO, DHENKANAL
6. DIPANKAR SARKAR, ZOO KEEPER, RASIKBEEL MINI ZOO, COOCHBEHAR
7. SUSANTA KUMAR DHAUNLIA, ZOO KEEPER, WILD ANIMAL CONSERVATION CENTRE, SAMBALPUR
8. DINESH MAHANTO, ASST. KEEPER, TATA STEEL ZOOLOGICAL PARK, JAMSHEDPUR
9. BHARAT CHANDRA MAHATO, ANIMAL ATTENDANT, TATA STEEL ZOOLOGICAL PARK, JAMSHEDPUR
10. TAPAN DAS, ZOO KEEPER, GARCHUMUK DEER PARK, HOWRAH
11. MUKESH KUMAR YADAV, ZOO KEEPER, KANAN PENDARI ZOOLOGICAL GARDEN, BILASPUR
12. MANISH KUMAR SAHU, ZOO KEEPER, KANAN PENDARI ZOOLOGICAL GARDEN, BILASPUR
13. SAHEBRAM MURMU, ZOO KEEPER, JUNGLE MAHAL ZOOLOGICAL PARK, JHARGRAM
14. SABITA SETHI, ANIMAL KEEPER, NANDANKANAN ZOOLOGICAL PARK, BHUBANESWAR
15. SHYAMA SINGH, MAHOUT, NANDANKANAN ZOOLOGICAL PARK, BHUBANESWAR
16. SHYAMA SINGH, ANIMAL KEEPER, NANDANKANAN ZOOLOGICAL PARK, BHUBANESWAR
17. PRATAP KUMAR ROUT, SHYAMA SINGH, MAHOUT, NANDANKANAN ZOOLOGICAL PARK, BHUBANESWAR
18. PATHANI JENA, ANIMAL KEEPER, NANDANKANAN ZOOLOGICAL PARK, BHUBANESWAR
19. NETRANANDA ROUL, ANIMAL KEEPER, NANDANKANAN ZOOLOGICAL PARK, BHUBANESWAR
20. SANJEEV KUMAR MAHTO, ZOO KEEPER, BHAGWAN BIRSA BIOLOGICAL PARK, RANCHI
21. PURUSOTTAM NAYAK, TEMPORARY STATUS, GRACU, TIKARPADA

Day-1 (24/11/2021)

Regional Zoo Keepers Training Programme for eastern zone has been started at Nandankanan Zoological Park from 24th to 26th November, 2021. It was conducted in Hybrid mode in collaboration with the Central Zoo Authority, New Delhi. In this training programme 24 zoos across 5 states and one UT (Andaman & Nicobar) has been invited to send 1-2 zoo keepers out of which 16 zoos of 5 states has been participated i.e, Bihar, Jharkhand, Chhattisgarh, West Bengal and Odisha.



The training is being conducted in Hybrid mode with 21 participants attended in physical mode from 16 zoos of 5 states. Link has been sent to other participating zoos to attend on virtual mode. The objective of this training program to improve Animal keeper's knowledge and skills about the animals and their management, to develop better interaction and coordination between Animal keepers and management and to develop some interaction between keepers and visitors. The training programme was inaugurated by Sri Shashi Paul, PCCF (WL) & CWLW, Odisha, Sri Manoj Mahapatra, Director, Nandankanan, Biological Park, Dr Sanjeet Kumar, Deputy Director, Nandankanan Zoological Park and Dr Gowri Mallapur, CZA Representative. Dr Sonali Ghosh, DIG (Forest), CZA, New Delhi graced the inaugural function virtually.



In the forenoon session of first day of training programme, Dr Debabrata Mahapatra, Specialist, Nandankanan has started the technical session and explained about the basic hygienic protocols of captive animals and the session followed by discussion with participants.



In afternoon session that Dr Sarat Kumar Sahu, BVO, Nandankanan has addressed the participants about the basic SOP for handling and restraint methods and he also add interesting facts about the behavioral observation.



In Practical session Dr Gowri Mallapur, Veterinary Consultant, CZA & Dr Rajesh Kumar Mohapatra, Biologist, Nandankanan has addressed the participants about capture, handling, restraint and marking process using tools and equipments & clarified all the doubts of participants.



In evening all the participants will visit to different enclosures of zoo to see the animals and their management practices.



Day-2 (25/11/2021)

On second day, the forenoon session started by Dr Lakshminarasimha, Scientific Officer, CZA has explained to participants about the zoo keeping and their role in managing the animals. Later, he explained to participants about basic biology of birds, its morphology, feeding, behaviour, breeding, identification and migration followed by practical session where he described about capture and handling of birds.



On second day, second session started by Dr Shiba Prasad Parida, Assistant Professor, CUTM has explained to participants about basic biology of Carnivores and its feeding, behaviour and breeding biology & he explained the queries of participants.



In afternoon session Dr Sonali Ghosh, DIG (Forest), CZA, New Delhi interacted with participants regarding training programme.



In afternoon session that Dr Sudipta Kumar Panda, Range Officer, Sanctuary Management, Nandankanan addressed the participants about the herbivore, basic morphology, feeding, shelter, enrichment and sanitation protocol followed in zoo.



In evening all the participants will visit to herbivore enclosures of zoo to see the management practices where Dr Rajesh Kumar Mohapatra & Dr Sudipta Kumar Panda explained about the enrichment tools used in enclosures for best efficacy.



Day-3 (26/11/2021)

The third day session was started by Dr Gowri Mallapur, Veterinary Consultant, CZA has explained about reptiles, their basic morphology, feeding behaviour, breeding and sexing & identification. She clarified all the doubts of participants.



On third day, second speaker started by Dr Sudarsan Maharana, Ex-Research Officer, Nandankanan has explained to participants about basic of Reptiles, identification, threats, behaviour, conservation breeding programme and species recovery programme of gharials and also add interesting facts about the behavioral observation.



In Practical session Dr Gowri Mallapur, Veterinary Consultant, CZA, Dr Rajesh Kumar Mohapatra, Biologist, Nandankanan & Dr Lakshminarasimha, Scientific Officer, CZA has addressed the participants about capture, handling, restraint and sexing of reptiles using tools and equipments & clarified all the doubts of participants. Some outreach activities also conducted in the field to aware the participants.



In afternoon session that Dr Santosh Gupta, BVO, Nandankanan has addressed the participants about the basic biology and captive husbandry of primates, classification, anatomy, breeding, enrichment and diseases in primates and also add interesting facts about the behavioral observation.



Valedictory Function

On the last day valedictory function was conducted with inauguration of Indian Zoo Year Book (IX) by Dr Sonali Ghosh, (IFS), DIG (Forest), CZA, New Delhi, Sri Shashi Paul, (IFS), PCCF (WL) & CWLW, Odisha, Sri Sisir Kumar Ratho, (IFS), PCCF & HOFF, Odisha, Sri Manoj Mahapatra, (IFS), Director, Nandankanan Biological Park and Dr Sanjeet Kumar, (IFS), Deputy Director, Nandankanan Zoological Park. Participants express their valuable feedback about the training programme and about what they have learnt. Finally, certificate, group photo and souvenir kit were distributed to all participants by the Chief Guest.





Training Programme Group Photo

A handwritten signature in blue ink, appearing to read 'Sanyal', is written in a cursive style.

Deputy Director
Nandankanan Zoological Park