केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

भारतीय वन्यजीव संस्थान
Wildlife Institute of India

Two Week Capsule Course: Endangered Species and Zoo Management for Zoo Directors

7th to 16th February, 2001, Indira Gandhi Zoological Park, Vishakapatnam

The Wildlife Institute of India in collaboration with the Central Zoo Authority conducts training programmes for Zoo Directors and middle level Zoo Managers, every alternate year. This year the Institute is conducting the 10 day training course for Zoo Directors from 7th to 16th February, 2001 at the Indira Gandhi Zoological Park, Vishakapatnam.

Proposed Curriculum

Day One - 7th February, 2001 -- (Policy and Guidelines for setting up a zoo)
National Zoo Policy, Role of CZA and Responsibilities of Zoos. Focal Talk by CZA & Panel Discussion
Evolution of Zoos - Worldwide and in India. *Shri B.C Choudhury*
Policy, Guidelines and Protocol for setting up of ex-situ conservation and captive breeding programme. *Shri. B.C. Choudhury*
An introduction to Indira Gandhi Zoological Park.
Introductory visit to Indira Gandhi Zoological Park.

Day Two - 8th February, 2001 -- (Planning/Layout & Masters Plan)
Elements of a Master Plan of a zoo-Planning & layout. *Shri. Pushp Kumar*
Case studies on planning zoos in hilly areas. Shri. *Pushp Kumar*
Major considerations in enclosure & exhibit design. *Shri. B.C. Choudhury*
Concepts of Master Planning. Shri. *Pushp Kumar*
Meaningful renovation of old zoos - Use of existing old hertiage and structures in a practical manner for optimal utilisation. *Shri. Pushp Kumar*
Field visit and evaluation of layout, planning and design - Indira Gandhi Zoological Park. *Shri. Pushp Kumar*

Day Three - 9th February, 2001 -- (Zoo Architecture)
Zoo Architecture-Animal/Visitor/Management Friendly Designs. Dr. Adit Pal, Faculty, Scool of Planning & Architecture.
Group Discussion
Free for Journey to Hyderabad.

Day Four - 10th February, 2001-- (Personnel Management & Capacity Building)
Case study of Nehru Zoological Park, Hyderabad
Arrival & Settling in Hotel at Hyderabad.
Visits to Nehru Zoological Park & Safari Park Complex
Discussion on problems of Zoo Management. Shri. T. Ramakrishna, CWLW & A.V. Joseph, Director, NZP
Zoo Personnel Management and Capacity Building. Shri. T. Ramakrishna, CWLW, Andhra Pradesh

Day Five - 11th February, 2001 --Visit to Mahavir Harina Vanasthali & Chilkur Deer Park. (A case study of herbivore re-Introduction into the wild)
Day Six - 12th February, 2001 -- (Protocols in Animal Management) Arrival & Settling down in Hotel, Vishakapatnam.

Zoo Management course for Supervisory & Technical Staff at Alipore Zoological Gardens 2000. Left : Course coordinators, Ravi Chellam and B.C. Choudhery hard at work during course. Right : Presentations by participants given after hands-on work. (Note R.B. Sanyal (above presentor) looking on with approval.

Contact :
Central Zoo Authority
Vipul Chakraborth or Brij Gupta --
<<cza@ndf.vsnl.net.in>>
or
Wildlife Institution of India
B.C. Choudhury --<<bcc@wii.gov.in>>
Ravi Chellam -- <<ravic@wii.gov.in>>
<<ravichellam@usa.net>>
Wildlife Institute of India
Post Box No. 18, Chandrabani
Dehra Dun 248 001

International/National Legislation & Protocol for import and export of wildlife. *Shri. S.K. Niraj*, Joint Director, Wildlife Preservation Section, Mumbai
Transport of animals (International Norms) - Safety and other considerations. *Dr. J.H. Desai*
Care and management of reptiles. *Shri. B.C. Choudhury*
Care and management of birds. *Shri. Rajat Bhargava*
Environmental enrichment for wild animals in captivity. *Shri. N. Krishnakumar*, Director, Vandalur Zoo, Chennai.

Day Seven - 13th February, 2001-- (Animal Health Care and Management)
Health care and management - Principles and Paractices. **Dr. Navin Kumar**
Post Natal Care - Lecture/A case study. **Dr. S.M.S. Khadri**
Protocols for prevention of diseases in Zoos - Planning of Hygiene & Prophylactic measures. *Dr. Navin Kumar*
Physical and Chemical capture techniques relevant for zoos.
- Case study and Panel Discussion by *Dr. Navin Kumar, Dr. S.M.S. Khadri and Dr. Srinivas*. Facilitator - Shri. B.C. Choudhury

Day Eight - 14th February, 2001 -- (Visitor Management/Zoo Education & Interpretation)
Zoo interpretation and education - Concepts & Principles. *Ms. Bitapi C. Sinha*
Planning and implementation of schemes for visitor management in zoos. Use of signage & other activities to make zoo visits more educative and rewarding. *Ms. Mamta Pandya*
Zoo Outreach Organisation, NGO involvement & zoo education Ms Sally Walker
Continued ..... Outreach Programmes, NGO involvement & zoo education. ' Exercises - Ms. Sally Walker

Day Nine- 15th February, 2001-- (Conservation Breeding for Re-introduction)
Conservation genetics - Role in captive breeding & how CCMB can assist zoos. Dr. S. Shivaji, CCMB
Pigmy Hog Conservation - A case study of conservation breeding and re-introduction programme. *Dr. Goutam Narayan*
Zoo visit to Indira Gandhi Zoological Park.

Day Ten - 16th February, 2001-- (Special Theme - Collection Policy and Coordinated Breeding)
Collection Policy -Principles and guidelines. *Dr. Ravi Chellam*
Attempts in Coordinated Breeding - Indian Case Studies. *Shri. S.K. Patnaik, CCF(WL), Orissa*
Presentation of inventory of animals in Indian zoos. Formation of regional groups for developing coordinated breeding programmes. (Central Zoo Authority & Exercise to be facilitated by *Shri. B.C. Choudhury & Dr. Ravi Chellam)*
Surplus and excess animals in zoos - Strategy for management.
- Introduction of problem by CZA
- Solution and strategy options (Group discussion to be facilitated by *Shri. B.C. Choudhury and Dr. Ravi Chellam)*
Record keeping and Stud Book maintenance - Results of WII study. *Dr. Ravi Chellam*
Group exercise by participants.

Zoo directors attending the training programme will continue for the All India Zoo Directors Conference conducted by Central Zoo Authority on 17th and 18th February, 2001.

Ravi Chellam, Course Director
Wildlife Institute of India, Post Box No.18
Chandrabani, Dehradun 248 001

Indian Zoo Directors' Conference
17-18 February 2001
Vishakhapatanam

IZDA
INDIAN ZOO DIRECTORS' ASSOCIATION

Programme

17 Feb 2001	9:00-9:30	Registration	
	9:30-11:00	Welcome address	Chief Wildlife Warden, Andhra Pradesh
		Inauguration	Chief Guest
		Inaugural Speech	Chief Guest
		Key Note Address	Addl. Director General, Wildlife, MoEF
		Address	A.P. Government dignitary
		Vote of Thanks	Member Secretary, CZA
	11:00-11:15	Tea	
	11:15-13:15	**Technical Session I -- Collection Policy in Zoos** Chairperson: Sri S.C. Sharma, Addl. DGP (WL) Presentation by Member Secretary, CZA on functioning of Zoos in India & discussion	
	13:15-14:00	Lunch	
	14:00-15:30	Discussion of Collection Policy in Zoos, continued	
	15:30-15:45	Tea	
	15:45-18:00	Finalisation of Regional Collection Plan (Facilitator: Member Secretary, CZA & WII)	
18 Feb 2001		**Technical Session II -- Maintaining hygiene and Prophylaxis** Chairperson: Sri S.C. Sharma, Addl. DGP (WL)	
	9:00-11:00	Lecture by faculty from Durrell Wildlife Preservation Trust, U.K.	
	11:00-11:15	Tea	
	11:15-13:15	Maintaining hygiene and Prophylaxis for Prevention of diseases in Wild Animals in Zoos - Discussion continued. Facilitators: Dr. L.N. Acharjyo & Dr. B.M. Arora	
	13:15-14:00	Lunch	
	14:00-15:30	Finalisation of the Proceedings	
	15:30-15:45	Tea	
	15:45 onwards	Visit to Indira Gandhi Zoological Park, Gishakhapatanam	