

ANNUAL REPORT

(2018-19)



CENTRAL ZOO AUTHORITY
Statutory Body of the Ministry of Environment, Forest & Climate Change
Government of India

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AUTHENTICATED



(BABUL SUPRIYO)

MINISTER OF STATE FOR ENVIRONMENT

FOREST AND CLIMATE CHANGE

BABUL SUPRIYO

Union Minister of State

Environment, Forest & Climate Change

Government of India, New Delhi

1. Introduction

The Indian Board for Wildlife re-constituted its Zoo Wing as 'the Expert Group on Zoos' at its 9th session held on 18th November, 1972 at New Delhi to make detailed study for setting up and maintenance of zoos in the country. The Expert Group on Zoos submitted its report in June, 1973 which was accepted by the Board in its meeting in November, 1973. The report recommended setting up of a central agency (Zoo Grants Commission), and to give effect to this recommendation, the Wildlife (Protection) Act, 1972 was amended through an amendment Act in the year 1991. A separate chapter, Chapter IVA contains Section 38 A to 38 J was added to the Wildlife (Protection) Act, 1972 for establishment of Central Zoo Authority in India. Accordingly, the Central Zoo Authority was established as a statutory body under the Ministry of Environment & Forests by the Government of India in the year 1992.

1.1 Vision

The zoo will have healthy animals in eco-system based naturalistic enclosure, be supportive to *in-situ* conservation with competent and content staff, good educational and interpretative facilities, have the support of people and be self-sufficient.

1.2 Mission

The Central Zoo Authority's mission is to provide better upkeep and veterinary care to the wild animals housed in zoos in India to ensure their conservation through best practices of management and bringing education & awareness among the people.

1.3 Objective

The main objective is to

- a. Enforce minimum standards and norms for upkeep and healthcare of animals in Indian zoos and
- b. Control mushrooming of unplanned and ill-conceived zoos.

1.4 Functions

Zoos in India are regulated under the provisions of the Wildlife (Protection) Act, 1972 and are guided by the National Zoo Policy, 1998. The Government of India formulated Recognition of Zoo Rules, 1992. It was revised as Recognition of Zoo Rules, 2009 on the recommendation of the Central Zoo Authority. These rules lay down standards and norms for management of zoos in the country. The Central Zoo Authority oversees the functioning of zoos in the country and provides them technical and other assistance for their improvement.

The Authority has been assigned following functions under Section 38 (C) of the Wildlife (Protection) Act, 1972:

- (a) To specify the minimum standards for housing, upkeep and veterinary care of the animals kept in zoos;
- (b) To evaluate and assess the functioning of the zoos with respect to the prescribed standards or norms;
- (c) To recognize or derecognize zoos;
- (d) To identify endangered species of wild animals for purposes of captive breeding and assigning responsibility in this regard to a zoo;
- (e) To coordinate the acquisition, exchange and loaning of animals for breeding purpose;
- (f) To ensure maintenance of studbooks of endangered species of wild animals bred in captivity;
- (g) To identify priorities and themes with regard to display of captive animals in zoos;
- (h) To coordinate training of zoo personnel in India and outside India;
- (i) To coordinate research in captive breeding and educational programmes for the purposes of zoos;
- (j) To provide technical and other assistance to zoos for their proper management and development on scientific lines;
- (k) To perform such other functions as may be necessary to carry out the purposes of this Act with regard to zoos.

2.0 Governance

The CZA establishment comprises of 18 scientific and administrative personnel to assist the Member Secretary in discharge of his duties. They have been appointed/ engaged on regular/ contractual basis.

The following officers and staff are engaged on permanent basis in the CZA:

Sl.	Name of the Post	Name of the incumbent	Pay-Band/Salary (Amount in Rs.)
1.	Member Secretary	Dr. Anup Kumar Nayak (from 03.12.2019 onwards) Dr. D. N. Singh (upto 03.12.2018)	1,82,200-2,24,100 (Pay level - 16) 1,82,200-2,24,100 (Pay level - 15)
2.	Finance Officer	Sh. R.S. Rawat	56,100-1,67,800 (Pay level - 10)
3.	Private Secretary	Smt. Seema Burreja	47,600-1,51,100 (Pay level - 8)
4.	Data Processing Assistant	Sh. Vivek Goel	44,900-1,42,900 (Pay level - 7)
5.	Personnel Assistant	Smt. Neeti Gulati	44,900-1,42,900 (Pay level - 7)
6.	Accountant	Sh. Suresh Sharma	44,900-1,42,900 (Pay level - 7)
7.	Evaluation & Monitoring Assistant	Sh. T. Ajay Kumar	35,400 - 1,12,400 (Pay level - 6)
8.	Technical Assistant	Smt. Natasha S Vashisth	29,200 - 92,300 (Pay level - 5)
9.	Staff Car Driver	Sh. Hari Singh Bhandari	29,200 - 92,300 (Pay level - 5)
10.	Lower Division Clerk	Sh. Thakur Dass	21,700 - 69,100 (Pay level - 3)
11.	Multi Task Staff	Sh. P. K. Jha	21,700 - 69,100 (Pay level - 3)
12.	Multi Task Staff	Sh. Gopal Swami	19,900 - 63,200 (Pay level - 2)

The following posts have been filled up on outsourced basis:

Sl.	Name of the Post	No of personnel
1.	Evaluation & Monitoring Officer	One
2.	Scientific Officer	One
3.	Upper Division Clerk	One
4.	IT Assistant	One
5.	Multi Task Staff	One
6.	Private Secretary	One

2.1 Governing Body

Under Section 38-A of the Wildlife (Protection) Act, 1972 the Central Zoo Authority shall consist of a chairperson, such number of members not exceeding ten and member-secretary to be appointed by the Central Government. As per the Section 38-B of the Wildlife (Protection) Act, 1972 the chairperson and every member [other than the member-secretary] shall hold office for such period, not exceeding three years, as may be specified by the Central Government in this behalf.

As per the provision of the Wildlife (Protection) Act, 1972 under sanction 38-A, the Authority was reconstituted for the 9th time in May, 2017 for a period of three years vide Gazette Notification No. 1492 dated 24th May, 2017. The Governing Body of the Central Zoo Authority comprises of following twelve members with the Minister for Environment, Forest and Climate Change, Government of India as its *ex-officio* Chairperson.

- | | | |
|----|--|--------------------------------------|
| 1. | Minister
Environment, Forest & Climate Change,
Government of India, New Delhi | Chairperson
(<i>ex-officio</i>) |
| 2. | Secretary to the Government of India,
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi | Member
(<i>ex-officio</i>) |
| 3. | Director General of Forests & Special Secretary,
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi | Member
(<i>ex-officio</i>) |
| 4. | Additional Director General of Forests (Wildlife) &
Director, Wildlife Preservation,
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi | Member
(<i>ex-officio</i>) |
| 5. | Additional Secretary and Financial Advisor
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi | Member
(<i>ex-officio</i>) |
| 6. | Director, Wildlife Institute of India,
Dehradun, Uttarakhand | Member
(<i>ex-officio</i>) |
| 7. | Director, Indian Veterinary Research Institute,
Bareilly, Uttar Pradesh | Member
(<i>ex-officio</i>) |

- | | | |
|-----|--|---------------------|
| 8. | The Chief Executive Officer,
World Wide Fund for Nature India, New Delhi | Member |
| 9. | Sh. Abhilash Khandekar,
Senior Journalist, 1/8 INS Building,
Rafi Marg, New Delhi-110001 | Member |
| 10. | Sh. C. S. Yalakki, IFS (Retd.)
House No. 1604, E&F Block,
Ramakrishna Nagar, Mysuru,
Karnataka – 570023 | Member |
| 11. | Sh. Bharat Pathak, IFS (Retd.)
Plot No. 64,
Near Small Shopping Center,
Gandhinagar, Gujarat - 382007 | Member |
| 12. | Member Secretary, Central Zoo Authority,
New Delhi | Member
Secretary |

The Member Secretary, CZA is the Chief Executive Officer of the Authority.

The 31st, 32nd, 33rd & 34th meeting of the Central Zoo Authority was held on 26th June, 2018, 19th November, 2018, 12th February, 2019 and 8th March, 2019, respectively.

2.2 Administrative Committee

A Sub-group, namely, Administrative Committee of the Central Zoo Authority was reconstituted with the approval of the Hon'ble Minister, Environment, Forest & Climate Change, and Chairperson, Central Zoo Authority vide order No. 7-4/2017-CZA/1190/2017 dated 30.06.2017 to deal with the administrative and budgetary issues with the following composition:

- | | | |
|----|--|--------------------------------------|
| 1. | Director General of Forests & Special Secretary,
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi | Chairperson
(<i>ex-officio</i>) |
| 2. | Additional Director General of Forests (Wildlife) &
Director, Wildlife Preservation,
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi | Member
(<i>ex-officio</i>) |

- | | | |
|----|---|---------------------------------|
| 3. | Additional Secretary and Financial Advisor
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi | Member
(<i>ex-officio</i>) |
| 4. | Joint Secretary (Administration),
(In-Charge, General Administration)
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi | Member
(<i>ex-officio</i>) |
| 5. | Member Secretary,
Central Zoo Authority,
New Delhi | Member
Secretary |

The main functions of the Administrative Committee are:

- (a) To screen and approve the proposals regarding creation of posts and up gradation of existing posts in the Authority.
- (b) To approve proposals for awarding consultancies, outsourcing of services/ manpower and contract appointments to Group 'A' posts.
- (c) To approve Annual Budget of the Central Zoo Authority.
- (d) Any other matter referred to it by the Central Zoo Authority.

The Administrative Committee Meeting of the Central Zoo Authority was held on 18th May, 2018 at Indira Paryavaran Bhawan, Jor Bagh, New Delhi, under the chairmanship of Sh. Siddhanta Das, Director General of Forests & Special Secretary, Ministry of Environment, Forest and Climate Change, Government of India wherein various administrative issues were deliberated and finalized.

2.3 Technical Committee

The Technical Committee of the Central Zoo Authority was reconstituted with the approval of the Hon'ble Minister, Environment, Forest & Climate Change and Chairperson, Central Zoo Authority vide order No. 7-4/2017-CZA/1191/2017 dated 30.06.2017 to deal with the technical matters with following composition:

- | | | |
|----|--|--------------------------------------|
| 1. | Additional Director General of Forests (Wildlife) &
Director, Wildlife Preservation,
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi | Chairperson
(<i>ex-officio</i>) |
|----|--|--------------------------------------|

2.	Additional Secretary and Financial Advisor Ministry of Environment, Forest & Climate Change, Government of India, New Delhi	Member (<i>ex-officio</i>)
3.	Director, Indian Veterinary Research Institute, Bareilly, Uttar Pradesh	Member (<i>ex-officio</i>)
4.	Director, Wildlife Institute of India, Dehradun, Uttarakhand	Member (<i>ex-officio</i>)
5.	The Chief Executive Officer, World Wide Fund for Nature India, New Delhi	Member
6.	Sh. C. S. Yalakki, IFS Retd., House No. 1604, E&F Block, Ramakrishna Nagar, Mysuru, Karnataka – 570023	Member
7.	Sh. Bharat Pathak, Retd. IFS (1984) Plot No. 64, Near Small Shopping Center, Gandhinagar, Gujarat - 382007	Member
8.	Member Secretary, Central Zoo Authority, New Delhi	Member Secretary

The main functions of the Technical Committee are:

- a. To make recommendations regarding specifying the minimum standards for housing, upkeep and veterinary care of the animals kept in a Zoo;
- b. To approve the grant of recognition or de-recognition to the Zoos and to make recommendations for the applications received for the creation of new Zoos;
- c. Identify endangered species of wild animals for purpose of captive breeding and assigning responsibility in this regard to a Zoo;
- d. To make recommendations regarding exchange of animals with, accepting gift of animals from foreign Zoos and to gift animals to foreign Zoos;
- e. To approve exchange of animals which are part of coordinated conservation breeding programme among Indian Zoos;
- f. Identify priorities, themes and approval of Master Plan with regard to display of captive animals in a Zoo;
- g. To approve proposals for organizing training programmes, workshops and meeting in India on various aspects of Zoo management;

- h. To approve research projects on issues related with the Zoos for funding by the Authority;
- i. Provide technical assistance to Zoos for their proper management and development on scientific lines;
- j. To approve proposals for release of financial assistance to various Zoos and other organizations; and
- k. Any other function that may be assigned to it by the Central Zoo Authority.

The meetings of the Technical Committee of the Central Zoo Authority, during the financial year 2018-19, were held on 28th September, 2018 (86th Meeting), 01st February, 2019 (87th Meeting), 12th February, 2019 (88th meeting) and 07th March, 2019 (89th meeting) on the proposal on Improvement in zoos, Conservation Breeding Programme, Research and Training and approval of Master Plan apart from the other policy level issues.

2.4 Expert Group on Zoo Designing

The Expert Group on Zoo Designing of the Central Zoo Authority was reconstituted with the approval of the Hon'ble Minister for Environment, Forest and Climate Change, Government of India and Chairperson, CZA vide office order F. No. 7-5/2016-CZA (AK) 2464/2016 dated 26.08.2016 with following composition and terms of reference:

- | | | |
|----|--|--------|
| 1. | Shri P.R. Sinha,
Ex-Member Secretary, CZA & Country Representative,
IUCN India,
C4/25, Safdarjung Development Area,
New Delhi – 110016 | Member |
| 2. | Shri B.S. Bonal,
Ex-Member Secretary, CZA & Ex- Member Secretary, NTCA
C – 1/43, Bapa Nagar, New Delhi 110003 | Member |
| 3. | The Head, Department of Landscape Architecture,
School of Planning & Architecture, Block – 4,
Inderprastha Estate, New Delhi – 110002. | Member |

- | | | |
|----|---|----------|
| 4. | Representative,
Civil Construction Unit,
Ministry of Environment, Forest and Climate Change,
Room No. 728, 7 th Floor, Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi – 110003. | Member |
| 5. | Dr. Brij Kishor Gupta,
Zoo Biologist and Evaluation and Monitoring Officer,
Central Zoo Authority,
R/o C-280, Beta – I,
Greater Noida – 201 310, Uttar Pradesh | Member |
| 6. | Dr. Devender Kumar,
Zoo Biologist and Scientific Officer,
Central Zoo Authority,
R/o B-83, 2 nd Floor, Dena Bank Building,
Near Mayur Public School, Mangalam,
I.P. Extension, Delhi - 110092 | Member |
| 7. | Shri Himanshu Malhotra,
Wildlife Filmmaker/ Environmentalist & Member of Zoo Advisory
Board, National Zoological Park, New Delhi,
R/o C-50, Defence Colony,
New Delhi – 110 024 | Member |
| 8. | Member Secretary,
Central Zoo Authority, New Delhi | Convener |

The terms of reference of the Expert Group on Zoo Designing are:

- a. To scrutinise, suggest improvements, changes and make recommendations (to the Technical Committee) in the proposed Master (Layout) Plan & Master Plan submitted by various zoos.
- b. To scrutinise, suggest improvements/changes and approve/disapprove the designs of animal enclosures submitted by various zoos.
- c. To suggest standards and norms for designing of animal enclosures for various zoos.

During the year 2018-19, the Expert Group on zoo designing held its meeting on 14th June, 2018 (78th Meeting), 29th August, 2018 (79th Meeting), 26th December, 2018 (80th

Meeting), 29th January, 2019 (81st Meeting), 11th February, 2019 (82nd Meeting) and 06th March, 2019 (83rd Meeting) to approve the drawings of the enclosures of the endangered species to be constructed in Indian zoos and to recommend the approval of Master (Layout) Plan and Master Plan of the zoos.

3.0 Appointments made in the Secretariat of the Central Zoo Authority

Dr. Anup Kumar Nayak, Additional Director General (Project Tiger) and Member Secretary, National Tiger Conservation Authority (NTCA), Ministry of Environment, Forest and Climate Change assigned the additional charge of the Member Secretary, Central Zoo Authority *w.e.f.* 03.12.2014 (afternoon) due to pre-maturely repatriation of Dr. D.N. Singh, Member Secretary, Central Zoo Authority *w.e.f.* 03.12.2014 (forenoon).

4.0 Functioning of the CZA

4.1 Technical Evaluation of Zoos

The Central Zoo Authority evaluated 37 Zoos during the financial year 2018-19 out of which 1, 2, 8 and 23 zoos were large, medium, small and mini category zoos respectively and it included 3 Rescue Centres. Following is the list of the zoos of different categories evaluated during the financial year 2018-19:

Large category zoos

Sl.	State	Name and location of the Zoo	Evaluating officer/s	Date of evaluation
1.	Bihar	Sanjay Gandhi Biological Park, Patna	Dr. D. N. Singh	5/6-04-2018

Medium category Zoos

Sl.	State	Name and location of the Zoo	Evaluating officer/s	Date of evaluation
1.	Jharkhand	Bhagwan Birsa Biological Park, Ranchi	Dr. D.N. Singh	15/16-9-2018
2.	Maharashtra	Rajiv Gandhi Zoological Park and Wildlife Research Centre, Pune	Dr. Brij Kishor Gupta	19-05-2018

Small category zoos

Sl.	State	Name and location of the Zoo	Evaluating officer/s	Date of evaluation
1.	Madhya Pradesh	Gandhi Zoological Park, Gwalior	Dr. Brij Kishor Gupta	09-07-2018
2.		Van Vihar National Park, Bhopal	Dr. D.N. Singh	5/6-10-2017
3.	Maharashtra	Nisargakavi Bahinabai Choudhary Prani Sangrahalaya, Chinchwad, Pune	Dr. Devender Kumar	17-09-2018
4.	Rajasthan	Machia Biological Park, Jodhpur	Dr. D.N. Singh	13/14-9-2018
5.	Tamilnadu	Chennai Snake Park, Chennai	Dr. Brij Kishor Gupta	07-08-2018
6.		Kurumbapatti Zoological Park, Salem	Dr. Brij Kishor Gupta	4/5-08-2018
7.		Amirdhi Zoo, Vellore	Dr. Brij Kishor Gupta	06-08.2018
8.	Uttarakhand	Pt. Govind Ballabh Pant High Altitude Zoo, Nainital	Dr. Devender Kumar	15-09-2018

Mini category zoos

Sl.	State	Name and location of the Zoo	Evaluating officer/s	Date of evaluation
1.	Delhi	A.N. Jha Deer Park, Hauz Khas	Dr. Devender Kumar	21-07-2018
2.	Haryana	Mini Zoo, Pipli	Dr. Devender Kumar	07-07-2018
3.	Himachal Pradesh	Rewalsar Mini Zoo, Mandi	Dr. Devender Kumar	08-07-2018
4.		Pheasantry at Sarahan	Dr. Devender Kumar	10-07-2018
5.	Karnataka	Indira Priyadarshini Kiru Mrugalaya, Anagodu	Dr. Brij Kishor Gupta	18-07-2018
6.		Deer Park, N.M.D.C.Ltd. Donimalai, Bellary	Dr. Brij Kishor Gupta	18-07-2018
7.	Kerala	Lion Safari at Neyyar Dam	Dr. Brij Kishor Gupta	17-07-2018
8.		Snake Park, Malampuzha	Dr. Brij Kishor Gupta	16-07-2018
9.	Maharashtra	Shahji Chatrapati Zoo, Kolhapur	Dr. Devender Kumar	27-09-2018
10.	Meghalaya	Lady Hydari Park cum Mini Zoo, Shillong	Dr. D.N. Singh	08-09-2018
11.	Odisha	Deer Park, Cuttack	Sh. T. Ajay Kumar	22-07-2018
12.		Kapilash Zoo, Dhenkanal,	Sh. T. Ajay Kumar	23-07-2018

Sl.	State	Name and location of the Zoo	Evaluating officer/s	Date of evaluation
		Odisha		
13.		Gharial Research and Conservation Unit (GRACU), Tikarpada	Sh. T. Ajay Kumar	24-07-2018
14.		Harishankar Deer Park, District Blangir	Sh. T. Ajay Kumar	24-07-2018
15.		Deer Park, Papadahandi	Sh. T. Ajay Kumar	24-07-2018
16.	Tamilnadu	Deer Park, Udthagamandalam	Dr. Brij Kishor Gupta	02-08-2018
17.		Kinnerasani Deer Park, Paloncha, Telangana	Sh. T. Ajay Kumar	15-09-2018
18.	Telanagana	Karimnagar Deer Park, L.M.D., Karimnagar	Sh. T. Ajay Kumar	16-09-2018
19.		Pillalamarri Mini Zoo and Deer Park, Mahbubnagar	Sh. T. Ajay Kumar	17-09-2018
20.	Uttar Pradesh	Van Prani Udyan, I.V.R.I., Izatnagar, Bareilly	Dr. Devender Kumar	16-09-2018
21.		Surulia Mini Zoo, Purulia	Dr. Devender Kumar	16-07-2018
22.	West Bengal	Bardhaman Zoological Park, Burdwan	Dr. Devender Kumar	17-07-2018
23.		Adina Deer Park, Malda	Dr. Devender Kumar	18-07-2018

Rescue Centre

Sl.	State	Name and location of the Zoo	Evaluating officer/s	Date of evaluation
1.	Assam	Centre for Wildlife Rehabilitation and Conservation, Golaghat District	Dr. D.N. Singh	09-09-2018
2.	Himachal Pradesh	Rescue and Rehabilitation Home, Tutikandi, Shimla,	Dr. Devender Kumar	11-07-2018
3.	Maharashtra	Manikdoh Leopard Rescue Centre, Tal. Junnar, Dist. Pune	Dr. D.N. Singh	19-05-2018

4.2 Zoos Granted Recognition during 2018-19

The Central Zoo Authority granted renewal of recognition to 36 zoos during the year 2018-19 as per the details given below. Of these Large, Medium, Small, Mini category zoos

and Rescue Centres were 1, 2, 8, 22 and 3 respectively. There are 142 recognized zoos in the country as on 31/03/2019.

Large category zoos

Sl.	State	Name of the Zoo	Location	Recognition valid upto
1.	Bihar	Sanjay Gandhi Biological Park	Patna	27-09-2021

Medium category zoos

Sl.	State	Name of the Zoo	Location	Recognition valid upto
1.	Jharkhand	Bhagwan Birsa Biological Park	Ranchi	27-09-2020
2.	Maharashtra	Rajiv Gandhi Zoological Park and Wildlife Research Centre	Pune	27-09-2019

Small category zoos

Sl.	State	Name of the Zoo	Location	Recognition valid upto
1.	Madhya	Gandhi Zoological Park	Gwalior	27-09-2020
2.	Pradesh	Van Vihar National Park	Bhopal	27-09-2019
3.	Maharashtra	Nisargakavi Bahinabai Choudhary Prani Sangrahalaya	Chinchwad	27-09-2019
4.	Rajasthan	Machia Biological Park	Jodhpur	27-09-2019
5.	Tamil Nadu	Chennai Snake Park	Chennai	27-09-2019
6.		Kurumbapatti Zoological Park	Salem	27-09-2019
7.		Amirdhi Zoo	Vellore	27-09-2019
8.	Uttarakhand	Pt. Govind Ballabh Pant High Altitude Zoo	Nainital	27-09-2020

Mini category zoos

Sl.	State	Name of the Zoo	Location	Recognition valid upto
1.	Delhi	A.N. Jha Deer Park	Hauz Khas	27-09-2019
2.	Haryana	Mini Zoo Pipli	Pipli	27-09-2020
3.	Himachal Pradesh	Pheasantry at Sarahan,	Sarahan	27-09-2019
4.		Rewalsar Mini Zoo, Rewalsar	Dist. Mandi	27-09-2020
5.	Karnataka	Indira Priyadarshini Kiru Mrugalaya	Anagodu	27-09-2019
6.		Deer Park, N.M.D.C.Ltd.	Donimalai	27-09-2019
7.	Kerala	Lion Safari (Neyyar Mini Zoo)	Neyyar Dam	27-09-2019
8.		Snake Park, Malampuzha	Malampuzha	27-09-2019
9.	Maharashtra	Maharaja Shahji Chatrapati Zoo	Kolhapur	27-09-2019
10.	Meghalaya	Lady Hydari Park cum Mini Zoo	Shillong	27-09-2019
11.	Odisha	Gharial Research and Conservation Unit (GRACU)	Tikarpada	27-09-2019
12.		Harishankar Deer Park	District Blangir	27-09-2019
13.		Deer Park	Papadahandi	27-09-2019
14.		Kapilash Zoo	Dhenkanal	27-09-2019
15.	Tamil Nadu	Kurumbapatti Zoological Park	Salem	27-09-2019
16.	Telangana	Kinnerasani Deer Park	Paloncha	27-09-2019
17.		Karimnagar Deer Park, L.M.D.,	Karimnagar	27-09-2019
18.		Pillalamarri Mini Zoo and Deer Park	Mahbubnagar	27-09-2019
19.	Uttar Pradesh	Van Prani Udyan, I.V.R.I.	Izatnagar	27-09-2020
20.	West Bengal	Adina Deer Park	Malda	27-09-2019
21.		Surulia Mini Zoo	Purulia	27-09-2019
22.		Bardhaman Zoological Park (Ramnabagan Mini Zoo)	Burdwan	27-09-2020

Rescue Centres

Sl.	State	Name of the Zoo	Location	Recognition valid upto
1.	Assam	Centre for Wildlife Rehabilitation and Conservation	Golaghat District	27-09-2019
2.	Himachal Pradesh	Rescue and Rehabilitation Home	Tutikandi, Shimla,	27-09-2020
3.	Maharashtra	Manikdoh Leopard Rescue Centre	Tal. Junnar, Dist. Pune	27-09-2019

4.3 Establishment of new zoos

1. The Central Zoo Authority in-principle approved the establishment of the Leopard Park with Rescue Centre at Khodamba Reserve Forest, Mandvi, Surat Forest Division, Gujarat under Section 38H(1A) of the Wildlife (Protection) Act, 1972 subject to certain conditions. One of them is that the Leopard Park and Rescue Centre operator should be asked to submit the Master (Layout) Plan (with technical details) and Master Plan to the CZA. As the Rescue Centre has to be self sustainable, the Gujarat Government may create the Leopard Safari.
2. The Central Zoo Authority in-principle approved the establishment of the Leopard Park with Rescue Centre at Waghai, South Division, Ahwa, Gujarat for housing of strayed carnivores which cannot be rehabilitated back into the wild due to man - leopard conflict subject to certain conditions. One of them is that the Leopard Park and Rescue Centre operator should be asked to submit the Master (Layout) Plan with technical details and Master Plan to the CZA following CZA guidelines in this regard. As the Rescue Centre has to be self sustainable, the Gujarat Government may create the Leopard Safari.
3. The Central Zoo Authority has recommended proposal of the Elephant Rescue and Rehabilitation Centre at Kottoor, Kerala subject to that the Zoo Operator should adhere with the provisions of the Forest (Conservation) Act, 1980 as the proposed site is located in the Reserved Forest, and guidelines of the FC Division of the MoEF&CC.
4. Central Zoo Authority approved the establishment of a Greens Zoological Rescue and Rehabilitation Kingdom at Jamnagar, Gujarat by Reliance Industries Limited subject to compliance of the following observations:
 - a. The zoo should explore housing the mixed species of herbivore in exhibits.
 - b. The species of birds which are found common in nature in neighboring area of the zoo, should not be part of the Animal Collection Plan.

- c. The Great Indian Bustard (GIB) a highly rare and endangered birds, at present none of the zoo has GIB in captivity, thus the same should be avoided from the proposed Animal Collection Plan.
 - d. The Zoo should reduce the number of exotic species.
5. The Central Zoo Authority approved the establishment of the Centre for Wildlife Rehabilitation and Conservation, Sawalde Block, Dhela Range, Corbett Tiger Reserve proposed by the Government of Uttarakhand subject to the conditions imposed by the Expert Group on Zoo Designing and other statutory clearances.
 6. The Central Zoo Authority approved the establishment of the Tiger Safari in the Pakhrau Block of Sonanadi Range, Kalagarh Division, Corbett Tiger Reserve proposed by the Government of Uttarakhand subject to the conditions imposed by the Expert Group on Zoo Designing of the CZA and other statutory clearances.
 7. The Central Zoo Authority approved the establishment of the Sardar Patel Zoological Park at Kevadiya Colony, Namada District, Gujarat subject to the following conditions:
 - i. The exotic species to be housed should not be more than 10% of the animals collection proposed.
 - ii. The following species proposed in Phase – 1 to be excluded because of their availability and scientific management.
 - a. Hippopotamus
 - b. Meerkat
 - c. Impala
 - d. Red Kangaroo
 - e. Wallaby
 - f. Cassowary
 - g. Rhea
 - h. Spider monkey
 - i. Capuchin monkey
 - j. Mouse deer
 - k. Giant squirrel

The Animal Collection Plan should be amended accordingly:

Among the other species to be exhibited in later phase, the following species should be removed from the Animal Collection Plan, because of their availability and their scientific management:

- a. One horned rhinoceros
- b. Slow loris
- c. Slender loris
- d. Himalayan brown bear
- e. Nilgiri langur
- f. Lion-tailed macaque
- g. Jungle cat
- h. Hoolock gibbon

The proposed theme of exhibiting animal in various continents may not be feasible as the species proposed by the Zoo Operator may not be available and there shall be management issue in housing them. Thus there should be an exotic section housing all exotic species and another housing the Indian species.

- a. The zoo should refrain from housing any animal below the high tension power line. The high tension power wires should either be rerouted or insulated. Even after insulation, in future said area should not be used for any zoo activities.
- b. The layout plan should have a detailed drainage plan indicating the drainage facility.
- c. The layout plan should have a water supply facility.
- d. A separate service road to be designed and marked on a layout plan.
- e. The layout plan should show the adjoining area details.
- f. The layout plan should show the clear cut separation between the Gharial and Mugger enclosures
- g. Appropriate provision for recycling of water used for Gharial, Mugger, Aviaries and other water loving animals should be made and details should be submitted.
- h. The high tension line on North West boundary of the proposed area should be excluded from the proposed zoo area.
- i. The visitors viewing area at every animal exhibit should be restricted to 30 percent of the total area of the animal exhibit.

- j. The Zoo Operator to obtain prior approval from the FC Division of the MoEF&CC under Forest (Conservation) Act, 1980 in case the proposed site falls in the forest area.
 - k. The Zoo Operator should not initiate any zoo related construction activities till the high tension power line passing through the proposed zoo premises are re-routed or insulated.
8. The Central Zoo Authority approved the establishment of the Kanwashram Rescue and Rehabilitation Centre in Lansdowne Forest Division, Kotdwar, Pauri, Garhwal District, Uttarakhand subject to the compliance of following observations:
- a. The Rescue and Rehabilitation Centre Operator to obtain prior approval from the FC Division of the MoEF&CC under Forest (Conservation) Act, 1980 since the proposed site falls under the Reserve Forest.
 - b. The proposed housing facility for Monkeys should be shifted above the bear enclosure and near proposed facility for Reptiles.
 - c. The area of the monkey enclosure should be increased from 500m² to 2000m² in order to house the various social groups of monkeys which may come from different places as of man-animal conflict or as rescued.
 - d. The Rescue Centre on its periphery should have security fence of appropriate size and height to stop the free ranging animals into the proposed site of the Rescue and Rehabilitation Centre, including preventing burrowing animals.
 - e. The proposed facility should be kept off-exhibit in nature and shall not be opened to public, in any case.

4.4 List of Zoos issued Show-cause Notices

The zoos which were found not operating as per the standard and norms laid down under the Recognition of Zoo Rules, 2009 in spite of repeated directions from the CZA has been served Show Cause Notice to submit time bound commitment to bring about perceptible improvements in their performance otherwise the CZA shall be compelled to cancel/ suspend their recognition keeping in view the welfare of the captive animals kept in the zoo. The operators of the following 22 zoos have been served Show Cause Notice:

Sl.	State	Name of the Zoo / Rescue Centres	Category	Date of Issue of Show Cause Notice
1.	Assam	Centre for Wildlife Rehabilitation and Conservation, Golaghat District	Rescue Centre	28-09-2018

Sl.	State	Name of the Zoo / Rescue Centres	Category	Date of Issue of Show Cause Notice
2.	Delhi	A.N. Jha Deer Park, Hauz Khas, New Delhi	Mini Zoo	28-09-2018
3.	Karnataka	Indira Priyadarshini Kiru Mrugalaya, Anagodu	Mini Zoo	28-09-2018
4.		Deer Park, N.M.D.C.Ltd., Donimalai, Bellary	Mini Zoo	28-09-2018
5.	Kerala	Lion Safari at Neyyar Dam (Neyyar Mini Zoo), Thiruvananthapuram	Mini Zoo	28-09-2018
6.		Snake Park, Malampuzha, Malampuzha	Mini Zoo	28-09-2018
7.	Maharashtra	Rajiv Gandhi Zoological Park and Wildlife Research Centre, Pune	Medium Zoo	28-09-2018
8.		Manikdoh Leopard Rescue Centre	Rescue Centre	28-09-2018
9.	Meghalaya	Lady Hydari Park cum Mini Zoo, Shillong	Mini Zoo	28-09-2018
10.	Odisha	Deer Park, Cuttack Municipal Corporation, Cuttack	Mini Zoo	28-09-2018
11.		Gharial Research and Conservation Unit (GRACU), Tikarpada	Mini Zoo	28-09-2018
12.		Harishankar Deer Park, District Balangir	Mini Zoo	28-09-2018
13.		Deer Park, Papadahandi	Mini Zoo	28-09-2018
14.		Kapilash Zoo, Dhenkanal	Mini Zoo	28-09-2018
15.	Rajasthan	Machia Biological Park, Jodhpur	Small Zoo	28-09-2018
16.	Tamil Nadu	Chennai Snake Park, Chennai	Small Zoo	28-09-2018
17.		Amirdhi Zoo, Vellore	Small Zoo	28-09-2018
18.	Telangana	Kinnerasani Deer Park, Paloncha	Mini Zoo	28-09-2018
19.		Karimnagar Deer Park, L.M.D., Karimnagar	Mini Zoo	28-09-2018

Sl.	State	Name of the Zoo / Rescue Centres	Category	Date of Issue of Show Cause Notice
20.		Pillalamarri Mini Zoo and Deer Park, Mahbubnagar	Mini Zoo	28-09-2018

4.5 Zoos whose recognition cancelled

The zoos which were not operating as per the standards and norms laid down under the Recognition of Zoo Rules, 2009 in spite of repeated directions by the CZA, the recognition of such zoos has been cancelled by the CZA in the interests of the captive animals housed in those zoos. The 2 zoos whose recognition has been cancelled by the CZA are as follows:

Sl.	State	The name of Zoo	Category	Date of issue of cancellation
1.	Tamil Nadu	Deer Park, Udhagamanadalam,	Mini Zoo	28-09-2018
2.		Sivagangai Garden Zoo, Thanjavur	NA	28-09-2018

4.6 List of the recognized zoos as on 31st March 2019

The zoos in India require recognition of the Central Zoo Authority for operation under the provisions of the Section 38 H(1) of the Wild Life (Protection) Act, 1972. No zoo in the country can be established without prior permission and can be operated without recognition from the Central Zoo Authority.

For the purpose of scientific management and operation of zoos in the country and regulation of the physical and human infrastructure in the zoos, the Government of India has laid down standard and norms under the Recognition of Zoo Rules, 2009. Accordingly, under Rule 9 of the Recognition of Zoo Rules, 2009, the zoos in India have been classified in the categories such as "Large, Medium, Small and Mini zoos". This classification of the zoos has been made for the purpose of management of the zoos and to apply the standards and norms pertaining to the housing, upkeep, veterinary care etc. The Rule 9 of the Recognition of Zoo Rules, 2009 lays down the criteria (area of the zoo, number of visitors, number of species and animals and number of animals of endangered species) for classification of the zoos. The zoo should meet at least any four of the aforesaid criteria (including total number of species, total number of endangered species and also total number of animals including

that of endangered species housed by them) to be classified into any of the above mentioned four categories.

As on 31.03.2019, there are 142 zoos in the country recognized under the Section 38 H(1) of the Wild Life (Protection) Act, 1972. The classification of these zoos are 17 Large category zoos, 23 Medium category zoos, 33 Small category zoos and 55 Mini category zoos which includes 14 Rescue Centre also.

The list of the 142 recognized zoos in the country with their category is mentioned below:

Category	State	Name of the Zoo	Location
Large zoo	Andhra Pradesh	Indira Gandhi Zoological Park	Visakhapatnam
		Sri Venkateswara Zoological Park	Tirupati
	Assam	Assam State Zoo Cum Botanical Garden	Guwahati
	Bihar	Sanjay Gandhi Biological Park	Patna
	Delhi	National Zoological Park	Delhi
	Gujarat	Kamla Nehru Zoological Garden	Ahmedabad
		Sakkarbaug Zoo	Junagarh
	Karnataka	Bannerghatta Biological Park	Bengaluru
		Dr.K. Shivama Karanth Piliikula Biological Park	Mangalore
		Sri Chamarajendra Zoological Gardens	Mysuru
	Kerala	Thiruvananthapuram Zoo	Thirunvananthapuram
	Odisha	Nandankanan Biological Park	Bhubaneswar
	Punjab	Mahendra Chaudhury Zoological Park	Chhatbir, Chandigarh
	Tamil Nadu	Arignar Anna Zoological Park	Vandalur, Chennai
Telangana	Nehru Zoological Park	Hyderabad	
Uttar Pradesh	Kanpur Zoological Park	Kanpur	
	Nawab Wazid Ali Shah Zoological Garden	Lucknow	
Total of Large Category Zoo			17
Medium Zoos	Chhattisgarh	Kanan Pandari Zoo	Bilaspur
		Maitri Baagh Zoo	Bhilai
		Nandanvan Jungle Safari	New Raipur
	Gujarat	Dr. Shyamaprasad Mukharjee Zoological Garden	Surat

Category	State	Name of the Zoo	Location
		Indroda Nature Park	Gandhi Nagar
		Rajkot Municipal Zoo	Rajkot
		Sayaji Baug Zoo	Vadodara
	Jharkhand	Bhagwan Birsa Biological Park	Ranchi
		Jawaharlal Nehru Biological Park	Bokaro
		Tata Steel Zoological Park	Jamshedpur
	Kerala	State Museum & Zoo	Thrissur
	Madhya Pradesh	Kamla Nehru Prani Sangrahalaya Zoo	Indore
	Maharashtra	Rajiv Gandhi Zoological Park and Wildlife Research Center	Pune
		Veemata Jijabai Bhosale Udyan & Zoo	Mumbai
	Manipur	Manipur Zoological Garden	Iroisemba
	Nagaland	Nagaland Zoological Park	Rangapahar
	Rajasthan	Nahargarh Biological Park	Jaipur
	Tamil Nadu	Childrens Park	Guindy, Chennai
		Madras Crocodile Bank Trust/Centre For Herpetology	Mahabalipuram
	Tripura	Sepahijala Zoological Park	Sepahijala, Agartala
	West Bengal	Alipore Zoological Garden	Kolkata
Jungle Mahal Zoological Park		Jhargram	
Padmaja Naidu Himalayan Zoological Park		Darjeeling	
Total of Medium Category Zoo			23
Small Zoo	Andaman & Nicobar Islands	Biological Park	Chidiyatapu
	Arunachal Pradesh	Biological Park	Itanagar
	Goa	Bondla Zoo	Usgao, Goa
	Haryana	Rohtak Zoo	Rohtak
	Himachal Pradesh	Dhauladhar Nature Park	Gopalpur
		Himalayan Nature Park	Kufri
	Karnataka	Atal Bihari Vajpayee Zoological Garden	Bellary
		Children Park & Binkadakatti Zoo (Gadag Zoo)	Gadag
Tiger & Lion Safari		Shimoga	
Kerala	Parassinikkadavu Reptile Park	Kannur	

Category	State	Name of the Zoo	Location
Small Zoo	Madhya Pradesh	Gandhi Zoological Park	Gwalior
		Van Vihar National Park Zoo	Bhopal
	Maharashtra	Nisargakavi Bahinabai Choudhary Prani Sanghalaya	Chinchwad, Pune
		Sanjay Gandhi National Park And Zoo	Borivali
	Meghalaya	Nehru Park Zoo, Danakgre, Tura	Akhongini Tura
	Mizoram	Aizawl Zoo	Aizwal
	Odisha	Indira Gandhi Park Zoo	Rourkela
		Kapilash Zoo	Dhenkanal
		Wild Animal Conservation Center	Mothijharan, Sambalpur
	Punjab	Deer Park, Bir Moti Bagh	Patiala
		Ludhiana Zoo	Ludhiana
	Rajasthan	Kota Zoo	Kota
		Machia Biological Park	Jodhpur
		Marudhara Biological Park	Bikaner
		Sajjangerh Biological Park	Udaipur
	Sikkim	Himalayan Zoological Park	Bulbuley, Gangtok
	Tamil Nadu	Amirdhi Zoo	Vellore
		Chennai Snake Park Trust	Guindy, Chennai
		Kurumbapatti Zoological Park	Salem
	Telangana	Kakatiya Zoological Park	Warangal
Uttarakhand	Pt. Govind Ballabh Pant High Altitude Zoo	Nainital	
West Bengal	Bardhaman Zoological Park	Burdwan	
	Marble Palace Zoo	Kolkata	
Total of Small Category Zoo			33
Mini Zoo	Andhra Pradesh	Deer Park	Chittoor (East) Division
		Deer Park	Kandaleru
	Arunachal Pradesh	Miao Mini Zoo	Miao
		Mini Zoo, Roing	Roing
	Assam	Bijni Deer Park	Bongaigaon
	Dadra & Nagar Haveli	Lion Safari	Vasona
	Delhi	A. N. Jha Deer Park	Hauzkhas (New Delhi)
	Gujarat	Ambardi Wildlife Interpretation Zone (Ambardi Safari Park)	Amreli
Sundervan Nature Discovery Centre		Jodhpur Tekra (Ahmedabad)	

Category	State	Name of the Zoo	Location
	Haryana	Deer Park	Hissar
		Mini Zoo	Bhiwani
		Mini Zoo	Pipli
	Himachal Pradesh	Renuke Mini Zoo	Sirmur
		Rewalsar Mini Zoo	Mandi
		Sarahan Pheantry	Sarahan
	Jharkhand	Birsa Mrig Vihar	Kalimati
	Karnataka	Deer Park, N.M.D.C.Ltd.	Donimalai
		Indira Priyadarshini Sangrahalaya	Anagodu
		Kittur Rani Chennamma Nisarg Dhama Mini Zoo	Belgaum
		Mini Zoo A. M. Gudi Balvana	Chitradurga
		Mini Zoo at Gendekatte	Hassan
		Mini Zoo Cum Children Park	Gulbarga
		Namadachilume Deer Park	Tumkur
	Kerala	Kaprikakad Mini Zoo and Rescue Centre	Ernakulam
		Lion Safari Park At Nayyar Dam (Nayyar Mini Zoo)	Thirunvananthapuram
		Snake Park, Malampuzha	Malampuzha
	Madhya Pradesh	Maharaja Martand Singh Judeo White Tiger Safari and Zoo, Mukundpur	Satna
	Maharashtra	Maharaja Shahaji Chhatrapati Zoo	Kolhapur
	Meghalaya	Lady Hydari Park Animal Land (Meghalaya Zoo)	Shillong
	Mizoram	Deer Park, Thenzawl	Thenzawl
	Odisha	Deer Park, Cuttack Municipal Corporation	Cuttack
		Deer Park	Papadahandi
		Gharial Research & Conservation Unit	Tikarpara
		Harishankar Deer Park	Balangir
		Kuanria Deer Park	Nayagarh
		Taptapani Deer Park	Parlakhemundi
Punjab	Deer Park	BirTalab	
	Deer Park	Neelon	
	Deer Park, Jawahar Lake Tourist Complex	Shamirpet	
Telangana	Karimnagar Deer Park	Karimnagar	
	Kinnerasani Deer Park	Kinnerasari	

Category	State	Name of the Zoo	Location
		Pillalamarri Deer Park	Pillalamarri Complex, Mahabub Nagar
	Uttar Pradesh	Lion Breeding Centre and Multiple Safari Park	Etawah
		Nawabganj Deer Park	Unnao
		Sarnath Deer Park	Varanasi
		Van Prani Udyan, I.V.R.I.	Izatnagar, Bareilly
		Vinod Van Mini Zoo, Ramgarh	Gorakhpur
	Uttarakhand	Deer Park, Narain Tewari Dewal	Almora
		Malsi Deer Park	Dehradun
	West Bengal	Adina Deer Park	Malda
		Gar Chumuk (Ulughata) Deer Park	Howrah
		North Bengal Wild Animals Park	Jalpaiguri
		Rasikbeel Mini Zoo	Cochbihar
		Sundarban Wild Animal Park,	Jharkali
			Surulia Mini Zoo
Total of Mini Category Zoo			55
Rescue Centre	Arunachal Pradesh	Centre for Bear Rehabilitation And Conservation	Pakke
	Assam	Centre for Wildlife Rehabilitation And Conservation	Golaghat
	Haryana	Ch. Surinder Singh Elephant Rescue Centre	Basantour
		Vulture Conservation Breeding Center	Pinjore
	Himachal Pradesh	Nehru Phesantary	Manali
		Rescue and Rehabilitation Home	Tutikandi
	Karnataka	People for Animals - Rescue Centre	Bengaluru
	Maharashtra	Amtes Animal Ark	Gadchiroli
		Leopard Rescue Centre	Manikdoh
		People for Animals, Shelter House	Wardha
		Rescue Centre, Gorewada	Nagpur
Uttar Pradesh	Agra Bear Rescue Facility	Agra	
West Bengal	Harinalaya at Eco Park	Kolkata	
	South Khairbari Rescue Centre	Madarihat	
Total of Rescue Centre			14
Total			142

4.7 Re-Categorization of Recognized Zoos Based on the Annual Inventory Report 2016-17

The Technical Committee, CZA after discussion and based on perusal of the information provided by the recognised zoos with respect to area, number of visitors and Annual Animal Inventory for the year 2016-17 submitted under Rule 11(1) of the Recognition of Zoo Rules, 2009, re-categorization of zoos as per Rule 9(1) of the Recognition of Zoo Rules, 2009, recommended to CZA the re-Categorization of following recognized zoos:-

Sl.	Name of the Zoo	Present Categorization	Revised Categorization
1.	Jawahar Lake Tourist Complex, Shamirpet, Telangana	Small Category Zoo	Mini Category Zoo
2.	Machia Biological Park, Jodhpur, Rajasthan	Small Category Zoo	Medium Category Zoo
3.	Van Vihar National Park Zoo, Bhopal, Madhya Pradesh	Medium Category Zoo	Small Category Zoo

The Committee asked the Member Secretary, CZA to intimate the operator of the zoo the impact of re-categorisation of the zoo on the standard and norms laid down for operation of the zoo so that the same may be followed by the zoos in its operation.

4.8 Exchange/Transfer of animals among recognized zoos approved by the CZA

During the financial year 2018-19, the CZA has approved 58 animal exchange proposals of various animal species between Indian Zoos. It has also approved 3 exchange proposals pertaining to the Indian and foreign Zoos.

4.8.1 Exchange of captive animals between Indian Zoos

The 58 numbers of animal exchange proposals between Indian Zoos has been approved by the authority as per the details given below:

Sl.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
1.	Rasikbeel Mini Zoo, Coochbehar, West Bengal	North Bengal Wild Animals Park (Bengal Safari), Siliguri, West Bengal
	Leopard	0:2:0
2.	Machia Biological Park, Jodhpur, Rajasthan	Jaipur Zoo, Jaipur, Rajasthan

Sl.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
	Indian Gazelle 5:5:0	Gharial 1:1:0 Crocodile 1:1:0
3.	Mahendra Chaudhari Zoological Park, Chhatbir, Punjab	Rajkot Zoological Park, Rajkot, Gujarat
	Himalayan Black Bear 0:1:0	Asiatic Lion 1:1:0
	Jungle Cat 1:1:0	White Tiger 0:1:0
	Hamadryas Baboon 1:1:0	Jungle Cat 1:0:0
	Rose ringed parakeet 3:3:0	
	Alexandrine Parakeet 2:2:0	
	Painted Stork 5:5:0	
	Comb Duck 2:2:0	
	Zebra finch 5:5:0	
4.	Nawab Wajid Ali Shah Zoological Park, Lucknow, Uttar Pradesh	Kanpur Zoological Park, Kanpur, Uttar Pradesh
	White Peacock 0:1:0	Nil Nil
5.	Rajkot Zoological Park, Rajkot, Gujarat	Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka
	Asiatic Lion 0:1:0	Four Horned Antelope 1:1:0
	White Tiger 0:1:0	White Peafowl 1:1:0
		Royal Bengal Tiger 1:0:0
		Indian Grey Wolf 1:1:0
6.	Gandhi Zoological Park, Gwalior, Madhya Pradesh	Sepahijala Zoological Park, Sepahijala, Tripura
	Budgerigar 2:2:0	Himalayan black bear 1:1:0
	Cocktail 2:2:0	
	Rose Ring Parakeet 2:2:0	
	Finch 2:2:0	
	Love Bird 2:2:0	
7.	Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka	Nagaland Zoological Park, Rangapahar, Nagaland
	Indian Grey Wolf 1:1:0	Himalayan back bear 0:2:0
8.	Assam State Zoo, Guwahati, Assam	Bhagwan Birsa Biological Park, Ranchi, Jharkhand
	Black Panther 1:0:0	Striped Hyena 1:1:0
	Leopard Cat 2:1:0	Ostrich 1:1:0
9.	Zoological Garden, Thiruvananthapuram, Kerala	Arignar Anna Zoological Park, Vandalur, Chennai, Tamil Nadu
	Rhea 2:2:0	Ostrich 1:1:0
	Hog deer 1:3:0	Painted Stork 0:0:10

Sl.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given		
10.	South Khairbari Leopard Safari & Rescue Centre, Madarihat, West Bengal	North Bengal Wild Animals Park, Siliguri, West Bengal		
	Leopard	2:0:0	Nil	Nil
11.	Indira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh	Pilikula Biological Park, Mangaluru, Karnataka		
	Wild Dog	2:2:0	Royal Bengal Tiger	2:0:0
	Painted Stork	2:3:0	Mugger	1:0:0
	Alexandrine Parakeet	2:3:0	Red Jungle Fowl	0:4:0
12.	Assam State Zoo, Guwahati, Assam	Padmaja Naidu Himalayan Zoological Park, Darjeeling, West Bengal		
	Slow Loris	1:0:0	Lady Amherst	1:1:0
	-	-	Golden Pheasant	1:1:0
	-	-	Silver Pheasant	1:1:0
13.	South Khairbari Leopard Safari & Rescue Centre, Madarihat, West Bengal	Himalayan Zoological Park, Bulbuley, Gangtok, Sikkim		
	Leopard	1:1:0	Himalayan back bear	1:1:0
14.	Nandankanan Biological Park, Bhubaneswar, Odisha	Nandanvan Zoo & Jungle Safari, Naya Raipur, Chhattisgarh		
	Hippopotamus	1:1:0	-	-
15.	Birsa Mrig Vihar, Kalamati, Jharkhand	Tata Steel Zoological Park, Jamshedpur, Jharkhand		
	Sambar	1:3:0	Sambar	1:3:0
16.	Arignar Anna Zoological Park, Vandalur Chennai, Tamil Nadu	Sanjay Gandhi Biological Park, Patna, Bihar		
	Royal Bengal Tiger	1:1:0	-	-
17.	Kanan Pendari Zoological Garden, Bilaspur, Chhattisgarh	Gandhi Zoological Park, Gwalior, Madhya Pradesh		
	Sloth Bear	1:1:0	Love Bird	2:2:0
	Four homed antelope	1:1:0	Cockatiel	5:5:0
18.	Kanan Pendari Zoological Garden, Bilaspur, Chhattisgarh	Nandanvan Zoo Raipur Jungle Safari, Naya Raipur, Chhattisgarh		
	Ghariyal	1:1:0	-	-
19.	Nawab Wajid Ali Shah Zoological Park, Lucknow, Uttar Pradesh	Nagaland Zoological Park, Rangapahar, Dimapur, Nagaland		
	Ghariyal	3:3:0	Himalayan Black Bear	1:1:0
	-	-	Leopard Cat	1:1:0
20.	Sayajibaug Zoo, Vadodara, Gujarat	Rajkot Zoological Park, Rajkot, Gujarat		
	Nil	Nil	Blackbuck	4:12:0

Sl.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
21.	South Khairbari Mini Zoo, Madarihat, West Bengal	Bardhaman Zoological Park, Bardhaman, West Bengal
	Leopard 1:0:0	Nil Nil
22.	Rasikbeel Mini Zoo, Coochbehar, West Bengal	Bardhaman Zoological Park, Bardhaman, West Bengal
	Leopard 0:1:0	Nil Nil
23.	Birsa Mrig Vihar, Kalamati, Jharkhand	Bhawan Birsa Biological Park, Ranchi, Jharkhand
	Sambar 4:0:0	Sambar 4:0:0
24.	Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka	Sanjay Gandhi Biological Park, Patna, Bihar
	Black Crowned Night Heron 10:10	Sloth bear 1:1
	Gaur 1:0	Jungle Cat 0:1
	Lady Amherst Pheasant 1:1	Silver Pheasant 1:1
	Yellow Golden Pheasant 1:1	
	Silver Pheasant 1:1	
25.	Sakkarbaug Zoo, Junagadh, Gujarat	Indroda Nature Park, Gandhinagar, Gujarat
	Asiatic Lion 1:1:0	Nil Nil
26.	Assam State Zoo, Guwahati, Assam	Nagaland Zoological Park, Dimapur, Nagaland
	Serow 0:0:0	Serow 1:0:0
27.	Veer mata Jijabai Bhosale Udyan & Zoo, Byculla (East), Mumbai, Maharashtra	Dr. Shivarama Karantha Pilikula Nisarga Dhama, Vamanjoor, Mangaluru, Karnataka
	Painted Stork 2:2:0	Common Palm Civet 1:1:0
	African Grey Parrot 1:1:0	Golden Jackal 1:1:0
	Alexandrian Parakeet 2:0:0	Leopard 1:1:0 Indian Peafowl 1:1:0
28.	Bannerghatta Biological Park, Bengaluru, Karnataka	Atal Bihari Vajpayee Zoological Park, Kamalapura, Bellary, Karnataka
	Lion 1:1:0	- -
29.	Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka	Atal Bihari Vajpayee Zoological Park, Kamalapura, Bellary, Karnataka
	Bengal tiger 1:1:0	- -
30.	Indira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh	Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka
	Wild Dog 2:2:0	Indian Grey Wolf 1:1:0
	- -	Sarus Crane 1:1:0
31.	Sakkarbaug Zoo, Junagadh, Gujarat	Lion Breeding Centre and Multiple Safari Park, Etawah, Uttar Pradesh

Sl.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
		(on transit)
	Asiatic Lion 2:6:0	- -
32.	Sakkarbaug Zoological Park, Junagadh, Gujarat	Machia Biological Park, Jodhpur, Rajasthan
	- -	Indian Grey Wolf 0:2:0
33.	North Bengal Wild Animals Park, Siliguri, West Bengal	Zoological Garden, Alipore, Kolkata, West Bengal
	Bengal tiger 1:0:0	- -
34.	Zoological Garden, Alipore, Kolkata, West Bengal	Sanjay Gandhi Biological Park, Patna, Bihar
	Zebra 0:1:0	Whiter tiger 1:0:0
	- -	Black Buck 3:3:0
	- -	Sambar 1:1:0
35.	Bannerghatta Biological Park, Bengaluru, Karnataka	Atal Bihari Vajapayee Zoological Park, Kamalapura, Bellary, Karnataka
	Tiger 1:1:0	- -
36.	Dr. Shyamaprasad Mukharjee Zoological Garden, Surat, Gujarat	Sajjangarh Biological Park, Udaipur, Rajasthan
	Sloth bear 0:1:0	- -
37.	National Zoological Park, New Delhi	Maharaja Martand Singh Judeo White Tiger Safari and Zoo, Mukundpur, Satna, Madhya Pradesh
	Brow Antlered Deer 3:3:0	- -
38.	Nahargarh Biological Park, Jaipur, Rajasthan	Kanan Pendari Zoological Garden, Bilaspur, Chhattisgarh
	Indian Grey Wolf 1:1:0	Sloth bear 1:1:0
39.	Veer mata Jijabai Bhosale Udyan & Zoo, Byculla, Mumbai, Maharashtra	Dr. Shyamaprasad Mukharjee Zoological Garden, Surat, Gujarat
	Painted Stork 2:2:0	Sloth bear 0:1:0
	African Grey Parrot 1:1:0	Jackal 1:1:0
	Barking Deer 2:2:0	- -
40.	Nahargarh Biological Park, Jaipur, Rajasthan	Sri Chamarajendra Zoological Garden, Mysuru, Karnataka
	Indian Grey Wolf 1:1:0	Hippopotamus 1:1:0
41.	Rescue and Rehabilitation Home, Tutikandi, Himachal Pradesh	Ludhiana Zoo, Ludhiana, Punjab
	Himalayan black bear 1:1:0	- -
42.	Bhagwan Birsa Biological Park, Ormanjhi, Ranchi, Jharkhand	Zoological Garden, Alipore, Kolkata, West Bengal
	Black Buck 3:4:0	- -

Sl.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
43.	Bhagwan Birsa Biological Park, Ormanjhi, Ranchi, Jharkhand	Sundarban Wild Animals Park, Jharkhali, West Bengal
	Spotted Deer	16:31:0
44.	Bhagwan Birsa Biological Park, Ormanjhi, Ranchi, Jharkhand	Junglemahal Zoological Park, Jhargram, West Bengal
	Sambar	1:1:0
45.	Bhagwan Birsa Biological Park, Ormanjhi, Ranchi, Jharkhand	Surulia Mini Zoo, Purulia, West Bengal
	Sambar	1:1:0
46.	Birsa Mrig Vihar, Kalamati, Jharkhand	Junglemahal Zoological Park, Jhargram, West Bengal
	Sambar	1:2:0
47.	Birsa Mrig Vihar, Kalamati, Jharkhand	Surulia Mini Zoo, Purulia, West Bengal
	Sambar	1:2
48.	Birsa Mrig Vihar, Kalamati, Jharkhand	Bardhaman Zoological Park, Bardhaman, West Bengal
	Sambar	1:3
49.	Bardhaman Zoological Park, Bardhaman, West Bengal	South Khairbari Mini Zoo, Alipurduar, West Bengal
	-	-
50.	Bardhaman Zoological Park, Bardhaman, West Bengal	Rasikbeel Mini Zoo, Coochbehar, West Bengal
	-	-
51.	Assam State Zoo, Guwahati, Assam	Sri Venkateswara Zoological Park, Tirupati, Andhra Pradesh
	Slow Loris	2:0:0
	Jungle Cat	1:1:0
	Himalayan Black Bear	1:1:0
	Greater Adjutant Stork	1:1:0
	Sangai	2:2:0
	Barking Deer	2:2:0
	Hog Deer	2:2:0
Burmese Python	0:0:1	
52.	Pilikula Biological Park, Mangaluru, Karnataka	Nehru Zoological Park, Hyderabad, Telangana
	King Cobra	1:1:0
	Ceylon Cat Snake	1:1:0
53.	M.C. Zoological Park, Chhatbir, Punjab	Sri Chamarajendra Zoological Gardens, Mysuru
	Black (White) buck	1:1:0
	Sarus crane	1:1:0

Sl.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
	Red Jungle Fowl 1:1:0	Red Jungle Fowl 1:1:0
	Painted Stork 2:2:0	Black Swan 1:2:0
	Combed Duck 2:2:0	Rainbow Lorikeet 1:1:0
	Lesser Whistling Duck 2:2:0	- -
54.	Kanan Pendari Zoological Garden, Bilaspur, Chhattisgarh	National Zoological Park, New Delhi
	Wild Boar 1:0:0	Goral 1:1:0
	Sloth Bear 1:0:0	
55.	Gandhi Zoological Park, Gwalior, Madhya Pradesh	National Zoological Park, New Delhi
	Indian Cobra 2:2:0	Painted stork 0:0:6
	Rat Snake 2:2:0	Ibis White 0:0:4
	Python 3:2:0	Red Jungle Fowl 2:4:0
	Common sand boa 1:1:0	Sambar 1:2:0
	Red sand boa 1:1:0	
	Monitor Lizard 1:1:0	
56.	Gandhi Zoological Park, Gwalior, Madhya Pradesh	Pt. G.B. Pant Zoological Park, Nainital, Uttarakhand
	Tiger 0:1:0	Leopard 1:1:0
57.	Assam State Zoo, Guwahati, Assam	Manipur Zoological Garden, Imphal, Manipur
	Leopard 1:0:0	- -
58.	Himalayan Nature Park, Kufri, Himachal Pradesh	Dhauladhar Nature Park, Gopalpur, Himachal Pradesh
	Cheer Pheasant 2:0:0	- -

4.8.2 Exchange proposal between Indian and Foreign Zoos

During the financial year 2018-19, 3 exchange proposals between Indian and Foreign Zoos have been approved as per the details given in table below:

Sl.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
1.	Zoo Zlin, Czech Republic	Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka
	Common Marmoset 1:1:0	Gaur 2:2:0
	Meerkat 3:4:0	
	Demoiselle Crane 2:3:0	
	Black Necked Swan 2:2:0	
	Military Macaw 2:2:0	
	Darwin's Rhea 1:2:0	
	Scarlet Macaw 2:2:0	

2.	Krokodille Zoo, Danish Krokodille Exhibition, Denmark		Centre for Herpetology, Madras Crocodile Bank Trust, Mamallapuram, Tamil Nadu	
	Philippine crocodiles	1:1:0	Gharial	2:3:0
	Black caiman	1:0:0	-	-
3.	Sri Chamarajendra Zoological Gardens, Mysuru		Singapore Zoological Gardens, Singapore	
	Asian elephant	0:2:0	Southern white rhinoceros	1:1:0

4.8.3 Proposals for transfer of animals from/ or to Indian zoos

The Central Zoo Authority, other than above animal exchange proposals, has also approved the following proposal for transfer of animals from/ or to Indian zoos:

1. The Central Zoo Authority has permitted the proposal to soft-release of the excess population of Spotted deer (30:20) from the Kota Zoo, Kota to the Mukandara Tiger Reserve, Rajasthan subject to compliance with certain conditions.
2. The Central Zoo Authority has permitted the proposal to soft-release the excess population of Spotted deer (100) from the Bikaner Zoo, Bikaner to the Mukandara Tiger Reserve, Rajasthan subject to compliance with certain conditions.
3. The Central Zoo Authority has permitted the proposal to soft-release excess the Sambar deer (8:10) and Spotted deer (60:80) from the Bhagwan Birsa Biological Park, Ranchi to the Palamu Tiger Reserve, Daltonganj, Bihar subject to compliance with certain conditions.
4. The Central Zoo Authority has permitted the proposal regarding transfer of two rescued Long billed vulture housed in the Rescue Centre at the Rajiv Gandhi Zoological Park, Pune to the Conservation Breeding Centre for Vultures at Pinjore as a part of ongoing breeding programme.
5. The Central Zoo Authority has permitted the transfer of Indian spotted turtles (*Geoclemys hamiltonii*) (52 nos.) presently housed in the Rescue centre at Rajiv Gandhi Zoological Park, Pune to it's natural habitat in the Assam state with compliance of certain conditions.
6. The Central Zoo Authority has permitted the proposal for translocation of surplus Spotted Deer of different zoos *i.e.* the Garchumuk Deer Park, Howrah (39 nos.), the Junglemahal Zoological Park, Jhargram (80 nos.) and the Surulia Mini Zoo, Purulia (30 nos.) under the West Bengal Zoo Authority to the Forest Area in West Bengal Forest Directorate subject to compliance with certain conditions.

7. The Central Zoo Authority has permitted the proposal to transfer singly housed female Blackbuck from the Maharaja Shahaji Chhatrapati Zoo, Kolhapur, Maharashtra subject to the Rajiv Gandhi Zoological Park, Pune subject to compliance with certain conditions.

4.9 Improved Planning Process of Zoos

As per the provisions under Rule 10.3 (1) of the Recognition of Zoo Rules, 2009, the recognized zoos in the country has to prepare a Master Plan of the zoo for its long term development and it should be got approved from the Central Zoo Authority. This Master Plan is prepared for a period of twenty years and it may be revised after ten years as per the necessity. This provision has been made for planned development of the zoo on scientific lines. The Central Zoo Authority has provided financial assistance to the zoos for the preparation of their Master Plans. As such, the recognized zoos in the country prepare their Master Plans for long term development and get it approved by the Central Zoo Authority.

4.9.1 Master Plan

The Central Zoo Authority has not approved Master Plan of any Zoo during the reporting period.

4.9.2 Master (Layout) Plan

The Master (Layout) Plan is a part of the Master Plan of the zoo which indicates the location of various infrastructure and facilities of the zoo. The Central Zoo Authority has approved 12 Master (Layout) Plans of the following zoos during 2018-19:

Sl.	Name and location of the Zoo
1.	Kittur Rani Channamma Mini Zoo, Bhutamanahatti, Belagavi, Kamataka
2.	Adumalleswara Children Park cum Mini Zoo at Chitradurga, Kamataka
3.	VJB Udyan Zoo, Byculla, Mumbai, Maharashtra.
4.	Kamala Nehru Zoological Garden, Ahmedabad, Gujarat
5.	Sri Atal Bihari Vajapayee Zoological Park, Kamalapura, Hospet, Bellary, Karnataka
6.	Sayajibaug Zoo, Vadodara and its satellite facility at Ajwa, Gujarat
7.	Children's Park cum Zoo at Binkadakatti, Gadag, Karnataka

8.	State Zoo at Umtrew, Shillong, Meghalaya
9.	Rajgir Wildlife Safari, Rajgir, Bihar
10.	Tiger and Lion Safari, Shimoga, Karnataka
11.	Gorewada International Zoo, Gorewada, Nagpur, Maharashtra
12.	Assam State Zoo cum Botanical Garden, Guwahati, Assam

4.10 Others

4.10.1 Re-development & Shifting of the CZA's Website

The Central Zoo Authority website has been revamped with the help of National Informatics Centre (NIC), Government of India, meeting the requirements of the Government of India Cloud environment called "Meghraj". The same can be accessed at <http://cza.nic.in>.

4.10.2 Utilization Certificates

There were large numbers of pending utilisation certificates with zoos for the grants released by the CZA from year 2004-2005 to 2014-2015 during last year and settled almost all 53 pending UCs except the 4. The Central Zoo Authority continues its effort to reconcile the UC's and settled all the UC's upto year 2016-17. Only four UC's amounting Rs. 40.64 remains to be settle which would be achieved in due course of time.

5.0 Maintenance of Studbooks

The Central Zoo Authority has granted a project titled "Development and Maintenance of Studbooks for Selected Endangered Species in Indian Zoos" to the Wildlife Institute of India, Dehradun. Under the project the Wildlife Institute of India, Dehradun has been assigned the work of preparation, updation and maintenance of National Studbooks/ Herd books of the identified endangered wild animal species listed in Schedule I and II of Wild Life (Protection) Act, 1972 housed in Indian zoos.

The Central Zoo Authority and the Wildlife Institute of India (WII), Dehradun have signed MoU on 27.03.2012 for preparation, updation and maintenance of National Studbooks/ Herd-books of identified endangered species of captive animals housed in Indian Zoos. Under the MoU, the WII shall execute the work of updation and maintenance of existing Studbooks of 14 species which include Royal Bengal Tiger, Asiatic lion, Lion tailed macaque, One-horned rhinoceros, Hoolock gibbon, Wild ass, Gaur, Tibetan wolf, Nilgiri langur, Wild

dog, Red panda, Snow leopard, Clouded leopard and Grey Peacock Pheasant. In addition, the Wildlife Institute of India, Dehradun shall prepare, update and maintain National Studbooks/ Herd-books of 20 endangered wild animal species in captivity such as Chinkara, Grey wolf, Golden langur, Indian pangolin, White backed vulture, Long billed vultures, Slender billed vulture, Nicobar pigeon, Pig tailed macaque, Serow, Spectacle langur, Swamp deer, Cheer pheasant, Himalayan monal, Western tragopan, Chousinga, Mouse deer, Stump-tailed macaque, Sangai and Blue sheep.

The Central Zoo Authority conducted a review meeting of the aforesaid project during July, 2016 and March, 2018, wherein it was decided that the studbook of all 34 species shall be updated as per the Animal Inventory of captive animals of the zoos in the country with the Central Zoo Authority for the year 2017-18 on priority basis. The Wildlife Institute of India shall submit all the updated studbook of 34 identified species by the end of the project duration which is June 2018.

Accordingly, the Wildlife Institute of India, Dehradun has submitted all the Stud books of 34 species to the Central Zoo Authority alongwith final report of the project. All the Studbooks have been uploaded on the website of the Central Zoo Authority for the use by stakeholders freely.

6.0 Conservation Breeding Programme

The Central Zoo Authority has identified 73 endangered wild animal species for planned Conservation Breeding. The Conservation Breeding Programme has been launched for the 23 species in the identified zoo who has been designated as Co-ordinating/ Participating zoos for the concerned endangered species. Target is to have at least 100 properly bred and genetically, physically and behaviorally healthy individuals of each targeted species in captivity in India for proper display and as insurance for future exigencies & ultimately release back to wild.

6.1 Financial Assistance to the Conservation Breeding Centres

The Central Zoo Authority has provided the financial assistance for carrying forward the Conservation Breeding Programme of various species at identified zoos. During the financial year 2018-19, the CZA has approved the financial assistance for carrying forward the conservation breeding programme for Vultures & Mouse deer at Nehru Zoological Park,

Hyderabad; Blyth's tragopan at Kohima; Clouded leopard, Binturong, Phyre's leaf monkey and Pig tailed Macaque at Sepahijala Zoological Park, Agartala and Hoolock gibbon at Biological Park, Itanagar.

Details of the financial assistance provided under the Conservation Breeding Programme for new and ongoing projects during the financial year 2018-19 is given below:

Sl.	Zoo	Species	Activity	Amount (₹ in lakhs)
1.	Nehru Zoological Park, Hyderabad	Mouse Deer	Feed & upkeep of animals, animal keeper wages, Maintenance of Conservation Breeding Centre etc.	22.62
2.		Vulture	Upkeep of animals, salary of Biologist, salary of animal keeper for maintenance of Conservation Breeding Centre	8.49
3.	Nagaland Zoological Park, Dimapur	Blyth's tragopan	Maintenance of Conservation Breeding Centre	13.72
4.	Sepahijala Zoological Park, Agartala	Clouded leopard, Phayres leaf monkey, Pig tailed macaque & Binturong	Salary of Biologist, salary of animal keepers, Feed and upkeep, maintenance of Conservation Breeding Centres of all four species etc.	27.82
5.	Biological Park, Itanagar	Hoolock Gibbon	Salary of Biologist, salary of animal keeper for maintenance of Conservation Breeding Centre	30.51

The Vulture, Mouse deer, Cheer pheasant and red panda etc. are species breeding well in the captivity. The captive bred Red panda was released back in the wild in the past. Similarly, a few numbers of Mouse deer has been restocked in the Amrabad Tiger Reserve, Telangana and are being monitored. The Vulture has been soft released in June, 2016 and

monitoring of the birds is being done. Few birds are going to be released back in the wild soon after radio tagging the birds.

The results of the efforts of the last five years in the direction of conservation breeding of endangered species has been depicted below in the tabular form in respect of few species:

Mouse Deer (*Moschiola meminna*)

Year	Male	Female	Unsex	Total
2014-2015	29	44	42	115
2015-2016	40	41	82	163
2016-2017	80	61	81	222
2017-2018	93	66	93	252
2018-2019	111	108	27	246

Lion-tailed macaque (*Macaca silenus*)

Year	Male	Female	Unsex	Total
2014-2015	27	25	9	61
2015-2016	24	22	9	55
2016-2017	24	23	6	53
2017-2018	20	22	7	49
2018-2019	23	24	4	51

Snow leopard (*Uncia uncia*)

Year	Male	Female	Unsex	Total
2014-2015	4	10	0	14
2015-2016	1	9	0	10
2016-2017	3	9	0	12
2017-2018	3	9	0	12
2018-2019	4	8	0	12

Panda Red / Lesser Red Panda (*Ailurus fulgens fulgens*)

Year	Male	Female	Unsex	Total
2014-2015	13	13	0	26
2015-2016	14	9	3	26
2016-2017	10	11	2	23
2017-2018	8	11	5	24
2018-2019	10	19	1	30

Western Tragopan (*Tragopan melanocephalus*)

Year	Male	Female	Unsex	Total
2014-2015	17	14	0	31
2015-2016	16	13	0	29
2016-2017	16	11	0	27
2017-2018	16	13	8	37
2018-2019	23	23	0	46

Cheer pheasant (*Catreus wallichii*)

Year	Male	Female	Unsex	Total
2014-2015	22	13	0	35
2015-2016	17	27	0	44
2016-2017	18	26	0	44
2017-2018	8	8	3	19
2018-2019	16	25	4	45

7.0 Human Resource Development

7.1 Training, Seminar and Workshop

The Central Zoo Authority organizes the training/ workshop/ seminar etc. for the various levels of zoo personnel for their capacity building every year. During the financial year

2018-19, the following training programmes for the human resource development in the zoos were organized by the Central Zoo Authority in association with various zoos:

Sl. No.	Training/ workshop	Venue	Dates of training	Target of participants	Actual participants
a)	Annual Conference of Indian Zoos for the year 2018-19	Nawab Wazid Ali Shah Zoological Garden, Lucknow	12 to 15 November, 2018	30	17 from 17 various zoos
b)	Middle Management Officer Training	Delhi	15 to 17 March, 2019	50	31 from 31 various zoos
c)	Zoo Keeper training for north-east region	Manipur Zoological Park, Imphal	4 th to 8 th February, 2019	30	27 from 11 various zoos
d)	Zoo Keeper training for south region	Nehru Zoological Park, Hyderabad	18 th to 22 nd March, 2019	30	17 from 17 various zoos
e)	Zoo Keeper training for west region	Dr. Shyamaprasad Mukharjee Zoological Garden, Surat, Gujarat	4 th to 10 th March, 2019	30	30 from 26 various zoos
f)	Zoo Keeper training East region	Bhagwan Birsa Biological Park, Ormanjhi, Jharkhand	17 th to 21 st December, 2018	30	32 from 24 various zoos
g)	Zoo Keeper training north region	Etawah Lion Safari, Etawah, Uttar Pradesh	26 th Nov. to 1 st Dec., 2018	30	35 from 25 various zoos
h)	Zoo Keeper training north region (for the year 2017-18)	M. C. Zoological Park, Chhatbir	18 th to 22 nd March, 2019	30	32 from 15 various zoos
i)	Brainstorming Session on "Green Skill Development Programme" in the	Delhi	17 th August 2019	-	-

7.2 International Co-operation

In order to continue upgrade the skills of Indian zoo veterinarians, during the current financial year, the Central Zoo Authority under the signed MoU with the Smithsonian National Zoological Park, Washington, D.C., USA has approved the organization of second in series capacity building programme for Veterinarian working in Indian zoos on “Veterinary Anesthesia to Herbivore, Reptile and Aves species” at Nehru Zoological Park, Hyderabad. The first training workshop was focused on “Veterinary Anesthesia to Carnivore Species” and was organized at National Zoological Park, New Delhi during September, 2017.

8.0 Research & Education

During the current financial year the Central Zoo Authority has approved the following research projects:

8.1 “Management Manual” for the captive wild animal species

a) Carnivore Species

- i. Asiatic lion (*Panthera leo persica*)
- ii. Royal Bengal tiger (*Panthera tigris tigris*)
- iii. Common leopard (*Panthera pardus*)
- iv. Snow leopard (*Panthera uncia*)
- v. Clouded leopard (*Neofelis nebulosa*)
- vi. Leopard Cat (*Prionailurus bengalensis*)
- vii. Jungle Cat (*Felis chaus*)
- viii. Fishing Cat (*Prionailurus viverrinus*)
- ix. Rusty Spotted Cat (*Prionailurus rubiginosus*)
- x. Asiatic Golden Cat (*Catopuma temminckii*)

b) Herbivore Species

- i. Indian Elephant (*Elephas maximus indicus*)
- ii. One-horned Rhinoceros (*Rhinoceros unicornis*)

The “Management Manual” belonging to above Carnivore and Herbivore species will be prepared by compiling the information on the respective species from various national and international husbandry manual, research works etc. and the experiences made at various zoos in the past years. The manuals shall be named as “Husbandry Practices for respective (species)”. It was also decided that the manual will be circulated to the personnel having

experience of management of these species in the zoos and also subject experts for review and comments.

8.2 The Central Zoo Authority has approved the financial assistance of Rs. 5.10 lakhs to the Chennai Snake Park Trust, Chennai to carry out the research work titled "Awareness on snake bite and anti-venom treatment in greater Chennai Area". The duration of the project is for one year.

The said project should be focused on awareness among public including student community (School and college) in Snake bite awareness and Anti-venom treatment, Capacity building of stakeholders (farmer, agriculture coolie, labourers and industrial staff on the first aid and anti-venom treatment and to improve the efficiency of primary health centre staff in identification of Snakes, Snake bite symptoms and first aid. The authority advised that the project should be carried out in 70% of rural areas of Chennai and 30% area of Greater Chennai area as rural areas face more problem regarding snakes and snakebites.

8.3 Research work by the Central Zoo Authority

a) The Central Zoo Authority approved the following study to be carried out by the office of the Central Zoo Authority with financial assistance of Rs. 26.00 lakhs with duration of three months:

1. Environment enrichment/ Animal enclosure enrichment
2. Questionnaire survey of zoo visitors on various aspects like Biodiversity awareness, Role of zoos as conservation centre, Importance of zoos in educating public etc.

The said study aims to generate a data base of zoo visitors towards *ex-situ* conservation, biodiversity awareness, role of zoos as conservation centre, importance of zoos in educating public etc. and to study the behavioural changes of captive animals pre and post enrichment. The result of the environment enrichment will also serve a purpose of example to be followed by other zoos of the country. Further, it not only provides the opportunity to the youth to work with the zoos but also help the zoos to work for the welfare of the zoo inmates.

b) Morphometric Analysis of Pugmarks and Faeces of Captive Inmates - A Field Reference Manual

The Central Zoo Authority has also approved above mentioned project to be carried out by the office of the Central Zoo Authority with financial assistance of Rs. 3.90 lakhs with duration of three month. The output of the project shall be developed in a manual form and

will be used as a tool to spread awareness about the biodiversity and its conservation. It should also serve as educational and interpretation material among the visitors of the zoo. The manual will also serves as a reference guide for the zoo keepers, researchers and biologists and other stakeholders.

9.0 Publications

During the current financial year the Central Zoo Authority has published the following publications:

1. Manual for "Health and Nutritional Management of Wild Animals in Indian Zoos".
2. The book on "Design Guidelines for Zoos".
3. The Calendar for the year 2019 with theme "Wildlife in Indian Zoos" which has been widely appreciated.
4. The publication of Annual "Inventory of animals in Indian Zoos 2018-19" shall be updated as per schedule in May, 2019.

10.0 Financial assistance to Zoos

The Central Zoo Authority has received Rs 12.00 Cr as grant-in-aid during the financial year 2018-19 from the Ministry of Environment, Forest and Climate Change, Government of India. Out of this, Rs. 10.20 Cr was for improvement and development of the zoos and Rs. 1.80 Cr for salaries of the CZA establishment. It included fund for the development of zoos in North Eastern India also. The entire grant was utilized to achieve its objectives and mandate, broadly under the head of Development of zoos, Conservation Breeding, Rescue & Rehabilitation, Research and Training and Operational cost.

10.1 Improvement of zoos

During the financial year 2018-19, the Central Zoo Authority has released Rs. 9,27,88,600/-for improvement of zoos including the maintenance of the Rescue Centres, Conservation Breeding, Research & Trainings etc. as per the details given below:

SI.	State	Name and location of the Zoo / Organization	Purpose	Amount in Rs.
1.	Andhra Pradesh	Indira Gandhi Zoological Park, Visakhapatnam	Rescue and Rehabilitation	6,40,000
		Indira Gandhi Zoological Park	Rescue and Rehabilitation	13,43,000

Sl.	State	Name and location of the Zoo / Organization	Purpose	Amount in Rs.
		Sri Venkateswara Zoological Park, Tirupati	Rescue and Rehabilitation	1,89,000
		Sri Venkateswara Zoological Park, Tirupati	Rescue and Rehabilitation	29,97,000
2.	Arunachal Pradesh	Biological Park, Itanagar	Conservation Breeding Centre	30,51,000
		Biological Park, Itanagar	Improvement of Zoos	1,35,00,000
3.	Assam	Assam State Zoo cum Botanical Garden, Guwahati	Training & Workshop	6,36,000
4.	Bihar	Sanjay Gandhi Biological Park, Patna	Improvement of Zoos	2,32,50,000
5.	Gujarat	Dr. Shyamaprasad Mukherjee Zoological Garden, Surat	Training & Workshop	6,00,000
		Rajkot Municipal Corporation, Rajkot, Gujarat	Improvement of Zoos	20,02,000
		Sundarvan Nature Discovery Centre, Ahmedabad, Gujarat	Training & Workshop	3,97,500
6.	Jharkhand	Bhagwan Birsa Biological Park, Ranchi	Training & Workshop	4,70,000
7.	Karnataka	Bannerghatta Biological Park Bengaluru	Rescue and Rehabilitation	20,55,000
		Bannerghatta Biological Park, Bengaluru	Rescue and Rehabilitation	23,17,000
		Zoo Authority of Karnataka	Training & Workshop	8,75,000
		Dr. Shivaram Karanth Pillikula Biological Park	Improvement of Zoos	33,60,000
8.	Madhya Pradesh	Van Vihar National Park Zoo, Bhopal	Rescue and Rehabilitation	6,07,000
		Van Vihar National Park Zoo, Bhopal	Improvement of Zoos	3,00,000
		Van Vihar National Park, Bhopal	Rescue and Rehabilitation	11,80,000
		Kamla Nehru Prani Sangrahalaya Municipal Corporation, Indore	Improvement of Zoos	7,56,000
9.	Maharashtra	Rajiv Gandhi Zoological Park and Wildlife Research	Improvement of Zoos	58,74,000

Sl.	State	Name and location of the Zoo / Organization	Purpose	Amount in Rs.
		Centre, Pune		
10.	Manipur	Manipur Zoological Garden, Imphal, Manipur	Training & Workshop	4,29,000
11.	Nagaland	Nagaland Zoological Park, Rangapahar	Improvement of Zoos	68,74,000
		Nagaland Zoological Park, Rangapahar	Conservation Breeding Centre	13,72,000
		Nagaland Zoological Park, Rangapahar	Improvement of Zoos	59,42,000
12.	Punjab	M.C. Zoological Park, Chhatbir	Improvement of Zoos	21,00,000
13.	Rajasthan	Nahargarh Biological Park, Jaipur	Rescue and Rehabilitation	4,35,000
		Nahargarh Biological Park, Jaipur	Rescue and Rehabilitation	5,60,000
14.	Sikkim	Himalayan Zoological Park, Bulbulay	Improvement of Zoos	14,05,000
15.	Tamil Nadu	Arignar Anna Zoological Park, Vandalur, Chennai	Rescue and Rehabilitation	14,38,000
		Chennai Snake Park Trust, Chennai	Research	2,55,000
16.	Telangana	Nehru Zoological Park, Hyderabad	Training & Workshop	4,90,000
		Nehru Zoological Park, Hyderabad	Conservation Breeding Centre	8,49,000
		Nehru Zoological Park, Hyderabad	Conservation Breeding Centre	22,62,000
		Nehru Zoological Park, Hyderabad	Research	1,18,000
		Nehru Zoological Park, Hyderabad	Training & Workshop	43,20,000
17.	Tripura	Sepahijala Zoological Park, Tripura	Conservation Breeding Centre	27,82,000
		Sepahijala Zoological Park, Tripura	Training & Workshop	6,63,000
18.	Uttar Pradesh	Nawab Wazid Ali Shah Zoological Park, Lucknow	Training & Workshop	27,26,000
		Lion Breeding Centre and Multiple Safari Park, Etawah, Uttar Pradesh	Training & Workshop	4,86,000

Sl.	State	Name and location of the Zoo / Organization	Purpose	Amount in Rs.
		Indian Veterinary Research Institute, Bareilly	Research	6,60,000
19.	Uttarakhand	Pt. G.B Pant High Altitude Zoo, Nainital	Improvement of Zoos	11,94,000
		Dehradun Zoo, Dehradun	Improvement of Zoos	31,18,000
TOTAL				10,68,77,500

10.2 Grants released to Rescue Centers

The Government of India banned the display of lions, tigers, leopards, bears and monkeys in the circus in India through a notification issued on 14th October, 1998. The basic objective of imposing the ban was to provide congenial upkeep, housing and healthcare facilities to these animals keeping with the spirit of National Zoo Policy. The Central Zoo Authority had to assume the responsibility to rescue and rehabilitate these animals. The number of lions, tigers, leopards, bears and monkeys rescued from the circuses at that point of time was 375, 96, 21, 37 and 20 respectively. Keeping in view, the housing and upkeep requirements of these rescued animals and the non-availability of such facility in the existing zoos of the country, it was felt to set up separate facility for these animals across the country.

Accordingly, the Government of India agreed to create designated rescue facilities for these animals. The CZA was assigned the responsibility and requisite budgetary allocations were made in the budget of the Central Zoo Authority in the year 1999-2000. After finalizing the designs and enclosures of these facilities, seven rescue centres were created for these animals at Bangalore, Chennai, Tirupati, Vishakhapatnam, Bhopal, South Khairbari and Jaipur. The day to day operation and maintenance of these rescue centres has been assigned to the nearby zoo concerned in whose campus such facility has been set up. It is a life time care facility for these animals.

The Central Zoo Authority is continuously providing financial grant to the concerned zoos for operation and maintenance of these seven rescue centres. The grants are being given for feed, upkeep and health care of these animals. The laid down standard and norms in this regard are being strictly followed.

Over the years, after setting up of these rescue centres, the animals has died due to natural process and at present the number of rescued lions and tigers from the circuses has come down to 41 and 8 respectively.

During the financial year 2018-19, the Central Zoo Authority has provided an amount of Rs. 1.37 Cr in two instalments for upkeep, feed and medicine etc. to six Rescue Centres as per the details mentioned below:

Sl.	Name and location of Rescue Centre	Amount in Rs.
1.	Indira Gandhi Zoological Park, Vishakhapatnam	(6,40,000+13,43,000)=19,83,000
2.	Sri Venkateswara Zoological Park, Tirupati	(1,89,000+29,97,000)=31,86,000
3.	Bannerghatta Biological Park Bengaluru	(20,55,000+23,17,000)=43,72,000
4.	Van Vihar National Park, Bhopal	(6,07,000+11,80,000)=17,87,000
5.	Nahargarh Biological Park, Jaipur	(4,35,000+5,60,000)=9,95,000
6.	Arignar Anna Zoological Park, Vandalur, Chennai	14,38,000
Total		1,37,61,000

11.0 Annual Audited Accounts and Audit Report:

The audit of the accounts of the Central Zoo Authority for the financial year 2018 – 19 is conducted by the Principal Director of Audit, Scientific Department of CAG, Government of India. Balance Sheet, Income & Expenditure Accounts, Receipt and Payment as on 31st March, 2019 with schedules are placed at **Annexure I & II**.

**FORM OF FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
BALANCE SHEET AS ON 31.03.2019**

(Amount in ₹)

CORPUS/CAPITAL FUND AND LIABILITIES	Schedule	Current Year	Previous Year
Corpus/Capital Fund	1	1,21,32,766	2,01,57,459
Reserves and Surplus	2	-	-
Earmarked/Endowment Funds	3	-	-
Secured Loans and Borrowings	4	-	-
Unsecured Loans and Borrowings	5	-	-
Deferred Credit Liabilities	6	-	-
Current Liabilities and Provisions	7	56,02,415	18,06,483
TOTAL		1,77,35,181	2,19,63,942
ASSETS			
Fixed Assets	8	32,44,656	37,52,682
Investments- From Earmarked/Endowment Funds	9	-	-
Investments-Others	10	-	-
Current Assets, Loans, advances etc.	11	1,44,90,525	1,82,11,260
Miscellaneous Expenditure(to the extent not written off or adjusted)			
TOTAL		1,77,35,181	2,19,63,942
Significant Accounting Policies	24		
Contingent Liabilities and Notes on Accounts	25		

FORM OF FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)
Name of Entity **CENTRAL ZOO AUTHORITY**
INCOME & EXPENDITURE ACCOUNT
FOR THE YEAR ENDED ON 31.03.2019

(Amount in ₹)

INCOME	Schedule	Current Year	Previous Year
Income from Sales/Services	12		
Grants/Subsidies	13	12,00,00,000	12,53,25,196
Fees/Subscriptions	14	6,35,035	5,90,503
Income from Investments (Income on Investment From Earmarked/Endow.) Funds transferred to Funds	15	-	-
Income from Royalty, publication etc.	16	-	-
Interest Eamed	17	13,74,517	10,57,838
Other Income	18	6,664	80,563
TOTAL (A)		12,20,16,216	12,70,54,100
EXPENDITURE			
Increase/Decease in stock of finished goods & Work-in-progress	19	-	-
Establishment Expenses	20	1,67,66,935	1,77,43,620
Other Administrative Expenses etc.	21	1,78,18,548	2,60,68,576
Expenditure on Grants, Subsidies etc.	22	9,45,33,000	8,32,98,200
Interest	23	-	-
Depreciation (Net Total at the year-end -Schedule 8)	8	9,22,426	9,61,480
TOTAL (B)		13,00,40,909	12,80,71,876
Excess of Income over Expenditure (A-B)		(80,24,693)	(10,17,776)
Transfer to Special Reserve (Specify each)		-	-
Transfer to/from General Reserve		-	-
Balance Being Surplus Carried to Corpus/Capital Fund		-	(10,17,776)
Balance Being Deficit Carried to Corpus/Capital Fund		(80,24,693)	-
Significant Accounting Policies	24		
Contingent Liabilities and Notes on Accounts	25		

**FORM OF FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
RECEIPTS AND PAYMENTS FOR THE PERIOD/YEAR ENDED 31.03.2019**

(Amount in ₹)

Receipts	Current Year	Previous Year	Payments	Current Year	Previous Year
I. Opening Balances			1. Expenses		
(a) Cash in Hand	-	-	(a) Establishment Expenses (corresponding to Schedule 20)	1,80,33,395	1,68,02,514
(i) Imprest	15,000	15,000			
(b) Bank Balances	-	-	(b) Administrative Expenses (corresponding to Schedule 21)	37,11,306	21,78,084
(i) In current accounts	-	-			
(ii) In deposit accounts	-	-			
(iii) Savings accounts	1,71,72,607	1,73,93,398			
II. Grants Received			II. Payments made against funds for various projects		
(a) From Government of India	12,00,00,000	11,50,00,000	(Name of the fund or project should be shown along with the particulars of payments made for each project)		
(b) From State Government	-	-			
(c) From other sources (details)	-	-	(a) Grants-in-aid to Zoos	9,45,33,000	8,32,98,200

Receipts	Current Year	Previous Year	Payments	Current Year	Previous Year
Countries For SAAR					
(Grants for capital & revenue exp. To be shown separately)	-	-	(b) Monitoring & Evaluation of Zoos	6,18,949	7,76,718
			(c) Research Projects	12,70,362	57,95,400
			(d) Training, Workshop Conference	1,21,63,460	86,35,766
			(e) Expenses on WAZA Conferences		-
			(f) Education & Awareness		-
			(g) Exgratia payment to closed mobile zoos		-
			(h) Transportation of Animals		-
III. Income on investments from			III. Investments & Deposits made		
(a) Earmarked/ Endowment Funds	-	-	(a) Out of Earmarked/ Endowment funds		-
(b) Own Funds (Other Investment)	-	-	(b) Out of own funds (Investments- Others)		-
IV. Interest Received			IV. Expenditure on fixed Assets & capital work-in-progress		
(a) On bank deposits	13,63,478	10,27,301	(a) Purchase of fixed assets	4,14,400	14,44,578
(b) Loans, Advances etc.	-	-	(b) Expenditure on capital work-		-

Receipts	Current Year	Previous Year	Payments	Current Year	Previous Year
			in-progress Advance to NICS		
V. Other Income (Specify)			V. Refund of surplus money/loans		-
Fees received from Zoos with Application of Recognition	6,35,035	5,90,503	(a) to the Government of India		85,96,152
Fees received from Application under RTI	3,864	3,832	(b) to the State Government		-
Seminar/Program fees (WAZA Registration Fees)	-	-	(c) to other providers of funds		-
VI. Amount Borrowed	-	-	VI. Finance Charges (Interest)		-
VII. Any other receipts (give details)			VII Other Payments (Specify)		
(a) Misc. Receipts	2800	1,05,349	(a) Payment of TDS	7,69,780	13,45,650
(b) Unspent balance of Gr. In Aid refunded by Zoos/CPWD	42,57,660	1,03,25,196	(b) Security Deposit (Released)	20,000	25,000
(c) Interest on Car/Scooter Adv.	9000	3,488	(c) Amount adjustable (By other deptt.) - NBWL Meeting Exp.		-
(d) Security deposit	20,000	20,000	(d) Staff advances	20,000	-
(e) Recovery of Advances	-		(e) Payment to other Depatt, (Recoveries from pay bills)	34,47,900	16,81,447

Receipts	Current Year	Previous Year	Payments	Current Year	Previous Year
(f) Recovery of TDS	7,69,780	13,45,650	(f) Advance Payment for Purchases	-	-
(g) Staff Advance recovery	64,356	73,356	(g) Payment for Wild Life Week Celebration	-	-
(h) License fee	-	-	(h) Payment to CPWD for Renovation	-	-
(i) Recovery from pay bills, adjustable by other Departments	34,45,500	16,81,807	(i) Payment to Prepaid Expenses	-	-
(j) Sale proceed of assets	-	-	(j) Refund of Fees received from Zoos with Application of Recognition	-	-
(k) Unspent GIA	-	-	(k) Refund of Fees received from Application under RTI	-	-
(l) Remittance of Leave salary and pension contribution	7,28,604	1,01,955			
(m) Receipt for Expenses on behalf of other Organizations	-	-			
- Wild Life Week Celeb.	-	-			
- Reg. fee for WAZA	-	-			
(n) Expenses Reimbursable by MoEF	-	-			
(o) Remittance of Supperannuation and PPF	43,703	80,281	VIII. Closing Balances		

Receipts	Current Year	Previous Year	Payments	Current Year	Previous Year
Contribution of Deputationist					
(p) Refund of Telephone Security	-	-	(a) Cash in Hand		
			Imprest	15,000	15,000
			(b) Bank Balances	-	-
			(i) In current accounts	-	-
			(ii) In deposit accounts	-	-
			(iii) Savings accounts	1,35,13,835	1,71,72,607
TOTAL	14,85,31,387	14,77,67,116	TOTAL	14,85,31,387	14,77,67,116

**FORM OF FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019

SCHEDULE 1 - CORPUS/CAPITAL FUND

(Amount in ₹)

SCHEDULE 1 - CORPUS/CAPITAL FUND	Current Year	Previous Year
Balance as at the beginning of the year	2,01,57,459	2,11,50,235
Add: Contributions towards Corpus/CZA Fund		25,000
Add: Balance of net income- Transferred from the Income and Expenditure Account	-	
Deduct: Balance of net income- Transferred from the Income and Expenditure Account	(80,24,693)	(10,17,776)
Add: Short/Excess Provisions / Prior Period Items	-	-
TOTAL	1,21,32,766	2,01,57,459

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019**

SCHEDULE 2 -RESERVES AND SURPLUS

(Amount in ₹)

	Current Year		Previous Year	
SCHEDULE 2 -RESERVES AND SURPLUS:				
1. Capital Reserve:				
As per last Account	-		-	
Addition during the year	-		-	
Less: Deductions during the year	-	-	-	-
2. Revaluation Reserve:				
As per last Account	-		-	
Addition during the year	-		-	
Less: Deductions during the year	-	-	-	-
3. Special Reserve:				
As per last Account	-		-	
Addition during the year	-		-	
Less: Deductions during the year	-	-	-	-
4. General Reserve:				
As per last Account	-		-	
Addition during the year	-		-	
Less: Deductions during the year	-	-	-	-
TOTAL		-		-

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019
SCHEDULE 3 - EARMARKED/ ENDOWMENT FUNDS**

(Amount in ₹)

SCHEDULE 3 - EARMARKED/ ENDOWMENT FUNDS	FUND-WISE BREAK UP			TOTALS		
	Fund	Fund	Fund	Fund	Current Year	Previous year
a) Opening balance of the funds	-	-	-	-	-	-
b) Additions to the Funds:	-	-	-	-	-	-
i) Donations	-	-	-	-	-	-
ii) Income from investments made on account of funds	-	-	-	-	-	-
iii) Other Additions (specify nature)	-	-	-	-	-	-
TOTAL (a+b)	-	-	-	-	-	-
i) Capital Expenditure						
- Fixed Assets	-	-	-	-	-	-
- Others	-	-	-	-	-	-
Total	-	-	-	-	-	-
ii) Revenue Expenditure						
-Salaries Wages & Allowances	-	-	-	-	-	-
-Rent	-	-	-	-	-	-
-Others Administrative Expenses	-	-	-	-	-	-
TOTAL (c)	-	-	-	-	-	-
NET BALANCE AS AT THE YEAR END (A+B-C)	-	-	-	-	-	-

Notes:

1. Disclosures shall be made under relevant heads based on conditions attaching to the grants.
2. Plan Funds received from the Central/state Governments are to be shown as separate Funds and not to be mixed up with any other Funds.

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019**

SCHEDULE 4 -SECURED LOANS AND BORROWINGS

(Amount in ₹)

	Current Year		Previous Year	
SCHEDULE 4 -SECURED LOANS AND BORROWINGS:				
1. Central Government		-		-
2. State Government		-		-
3. Financial Institution				
a) Term Loans	-		-	
- Interest accrued and due	-	-	-	-
4. Banks				
a) Term Loans	-		-	
- Interest accrued and due	-	-	-	-
b) Other Loans (specify)	-		-	
- Interest accrued and due	-	-	-	-
5. Other Institutions and Agencies		-		-
6. Debenture and Bonds		-		-
7. Other (specify)		-		-
TOTAL		-		-

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019

SCHEDULE 5 - UNSECURED LOANS AND BORROWINGS

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 5 -UNSECURED LOANS AND BORROWINGS:		
1. Central Government	-	-
2. State Government	-	-
3. Financial Institution	-	-
4. Banks		
a) Term Loans	-	-
b) Other Loans	-	-
5. Other Institutions and Agencies	-	-
6. Debenture and Bonds	-	-
7. Fixed Deposits	-	-
8. Other (specify)	-	-
TOTAL	-	-

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019**

SCHEDULE 6 -DEFERRED CREDIT LIABILITIES

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 6 -DEFERRED CREDIT LIABILITIES:		
a) Acceptances secured by hypothecation of Capital equipment and other assets	-	-
b) Others	-	-
TOTAL	-	-

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019

SCHEDULE 7 - CURRENT LIABILITIES AND PROVISIONS

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 7 - CURRENT LIABILITIES AND PROVISIONS		
A. CURRENT LIABILITIES		
1. Acceptances	-	-
2. Sundry Creditors:	-	-
a) For Good	-	-
b) Others (For WAZA Expenses)	1,47,000	1,47,000
3. Interest accrued but not due on: (Over-recovered Interest on Scooter Adv.)	-	-
a) Secured Loans/borrowings	-	-
b) Unsecured Loans / Borrowings	-	-
4. Other current Liabilities	-	-
(i) Unspent Grants-in-Aid	42,57,660	-
(ii) Unspent amount of Wild Life Week Celebration	5,559	5,559
(iii) Security Refundable	1,55,000	1,55,000
TOTAL (A)	45,65,219	3,07,559
B. PROVISIONS		
1. For Taxation	-	-
2. Gratuity	-	-
3. Superannuation/Pension	-	-
(i) Contribution to superannuation scheme	-	-
4. Accumulated Leave Encashment	-	-
5. Trade Warranties/Claims- Membership Fee Payable	68,350	-
6. Others (Specify) - Salary Payable	9,28,473	11,26,066
7. Telephone Charges Payable	2,125	6,506
8. Leave salary & Pension Contribution	-	2,97,706
9. TA Operational Payable	18,206	67,392
10. Audit Fees Payable	-	-
11. Research – enrichment Payable	20,042	-
12. OTA Payable	-	1,254
TOTAL (B)	10,37,196	14,98,924
TOTAL (A+B)	56,02,415	18,06,483

FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)
Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019
SCHEDULE 8 – Fixed Assets

(Amount in ₹)

DESCRIPTION	GROSS BLOCK			DEPRECIATION					NET BLOCK				
	Cost/ value at the beginning of the year (a)	Additions during the year (b)		Deducti ons during the year (c)	Cost/ value at the year end (d)	Depre- ciation Rate % (e)	On assets beginning of the year (f)	On additions during the year (g)		On Deducti ons during the year (h)	Total Up to the year-end (i)	As at the end of current year (d - i)	As at the end of previous year
		04/18- 09/18	10/18- 03/19					04/18- 09/18	10/18- 03/19				
Tangible Assets													
Computer/peripherals	78,453	-	-	78,453	40	31,381	-	-	-	-	31,381	47,072	78,453
Furniture, Fixtures	15,34,147	-	-	15,34,147	10	1,53,415	-	-	-	-	1,53,414	13,80,733	15,34,147
Office equipment	5,26,300		1,21,645	6,47,945	15	78,945	-	-	9,123	-	88,068	5,59,877	5,26,300
Vehicle	2,20,130	-	-	2,20,130	15	33,020	-	-	-	-	33,020	1,87,110	2,20,130
Intangible Assets													
Computer Software	13,93,652	2,655	2,90,100	16,86,407	40	5,57,461	-	1,062	58,020	-	6,16,543	10,69,864	13,93,652
TOTAL FOR THE CURRENT YEAR	37,52,682	2,655	4,11,745	41,67,082		8,54,222		1,062	67,143		9,22,426	32,44,656	37,52,682
PREVIOUS YEAR	32,95,625	2,88,578	11,56,000	47,14,162		5,72,682		47,147	3,46,800	5,148	9,61,480	37,52,682	32,95,625

Note: The Depreciation of last year on Computer Software levied at rate of 25% in stead of 60% of Rs.2,72,744/-, which has been adjusted in the opening balance of current year from Rs. 13,93,652/- to Rs. 11,20,908/-

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019

SCHEDULE 9 - INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 9 -INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS		
1. In Government Securities	-	-
2. Other Approved Securities	-	-
3. Shares	-	-
4. Debenture and Bonds	-	-
5. Subsidiaries and Joint Ventures	-	-
6. Other (specify)	-	-
TOTAL	-	-

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019**

SCHEDULE 10 - INVESTMENTS OTHERS

(Amount in ₹)

SCHEDULE 10 - INVESTMENTS OTHERS:	Current Year	Previous Year
1. In Government Securities	-	-
2. Other Approved Securities	-	-
3. Shares	-	-
4. Debenture and Bonds	-	-
5. Subsidiaries and Joint Ventures	-	-
6. Other(specify)	-	-
TOTAL	-	-

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019
SCHEDULE 11 –CURRENT ASSETS, LOANS, ADVANCES ETC.**

(Amount in ₹`)

	Current Year	Previous Year
A. CURRENT ASSETS:		
1. Inventories:		
a) Stores and Spares	-	-
b) Loose Tools	-	-
c) Stock-in-trade		
Finished Goods	-	-
Work-in-progress	-	-
Raw Materials	-	-
2. Sundry Debtors:		
a) Debts Outstanding for a period exceeding 6 months	-	-
b) Others	-	-
3. Cash balances in hand (including cheques/drafts and imprest)	-	-
Cash- In - Hand	-	-
Imprest	15,000	15,000
4. Bank Balances:		
a) With Scheduled Banks:		
- On Current Accounts	135,13,835	171,72,607
- On Deposit Accounts (includes margin money)	-	-
- On Savings Accounts	-	-
b) With non-Schedules Banks:		
- On Current Accounts	-	-
- On Deposit Accounts	-	-
- On Savings Accounts	-	-
5. Post Office-Savings Accounts	-	-
TOTAL (A)	135,28,835	171,87,607

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019
SCHEDULE 11 –CURRENT ASSETS, LOANS, ADVANCES ETC.

(Amount in ₹)

	Current Year	Previous Year
B. LOANS, ADVANCES AND OTHER ASSETS:		
1. Loans:		
a) Staff	3,50,183	4,14,539
b) Other Entities engaged in activities/ objectives similar to that of the Entity	-	-
c) Other (specify)	-	-
2. Advances and other amounts recoverable in cash or for value to be received	20,000	-
a) On Capital Account	-	-
b) Advance Payment for Purchases	-	-
Expenses Reimbursable by MOEF	-	-
Advance Payment to NISCI for Computer Software	-	-
Advance Payment to CPWD for Renovation	5,05,127	5,05,127
Petrol Account	15,000	15,000
Telephone	-	-
3. Income Accrued:	-	-
a) On Investments from Earmarked/ Endowment funds	-	-
b) On Investments- Others	-	-
c) On Loans and Advances	-	-
d) Others (includes income due unrealized – Intt accrued	29,088	27,049
4. Claims Receivable	-	-
5. Stock of Stationery	42,292	61,938
TOTAL (B)	9,61,690	10,23,653
TOTAL (A + B)	144,90,525	182,11,260

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019

SCHEDULE 12 – INCOME FROM SALES/SERVICES

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 12 -INCOME FROM SALES/SERVICES		
1. Income from Sales		
a) Sale of Finished Goods	-	-
b) Sale of Raw Material	-	-
c) Sale of Scraps	-	-
2. Income from Services		
a) Labour and Processing Charges	-	-
b) Professional/Consultancy Charges	-	-
c) Agency Commission and Brokerage	-	-
d) Maintenance Services (Equipment/Property)	-	-
e) Others (specify)	-	-
TOTAL	-	-

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT FOR THE
PERIOD/YEAR ENDED 31.03.2019**

SCHEDULE 13 - GRANTS/SUBSIDIES

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 13 - GRANTS/SUBSIDIES		
(Irrevocable Grants & Subsidies Received)		
1. Central Government	1200,00,000	1150,00,000
2. State Government(s)	-	-
3. Government Agencies	-	-
4. Institutions/Welfare Bodies	-	-
5. International Organizations	-	-
6. Others (Specify) - - Grant from SAARC	-	-
Total	1200,00,000	1150,00,000
Unspent balance of last years	-	-
Unspent balance of Grant in Aid refunded by Zoos during the year 2017-18		103,25,196
GRAND TOTAL	1200,00,000	1253,25,196

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2019

SCHEDULE 14 - FEES/SUBSCRIPTIONS

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 14 - FEES/SUBSCRIPTIONS		
1. Entrance Fees	-	-
2. Annual Fees/Subscriptions	-	-
3. Seminar/Program fees	-	-
4. Consultancy Fees	-	-
5. Others (Specify)	-	-
(i) Received from Zoos with application for Recognition/ Renewal	6,35,035	5,90,503
TOTAL	6,35,035	5,90,503

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2019**

SCHEDULE 15 - INCOME FROM INVESTMENTS

(Amount in ₹)

SCHEDULE 15 - INCOME FROM INVESTMENTS: (Income on Invest. From Earmarked/ Endowment Funds transferred to Funds)	Investment from Earmarked Fund		Investment - Others	
	Current Year	Previous Year	Current Year	Previous Year
1. Interest				
a) On Govt. Securities	-	-	-	-
b) Other Bonds/Debentures	-	-	-	-
2. Dividend				
a) On Shares	-	-	-	-
b) On Mutual Fund Securities	-	-	-	-
3. Rent	-	-	-	-
4. Other(specify)	-	-	-	-
TOTAL	-	-	-	-
TRANSFERRED TO EARMARKED/ ENDOWMENT FUNDS	-	-	-	-

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2019

SCHEDULE 16 - INCOME FROM ROYALTY, PUBLICATION ETC.

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 16 -INCOME FROM ROYALTY, PUBLICATION ETC.		
1. Income from Royalty	-	-
2. Income from Publication	-	-
3. Others (specify)	-	-
TOTAL	-	-

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2019

SCHEDULE 17 - INTEREST EARNED ON TERM DEPOSITS/SAVING ACCOUNTS/LOAN

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 17 - INTEREST EARNED ON TERM DEPOSITS/SAVING ACCOUNTS/LOAN		
1. On Term Deposits:		
a) With Scheduled Bank	-	-
b) With Non-Scheduled Bank	-	-
c) With Institutions	-	-
d) Others	-	-
2. On Saving Accounts:		
a) With Scheduled Bank	13,65,517	10,54,350
b) With Non-Scheduled Bank	-	-
c) Post Office Saving Account	-	-
d) Others	-	-
3. On Loans:		
a) Employees/Staff	9,000	3,488
b) Others	-	-
4. Interest on Debtors and Other Receivables	-	-
TOTAL	13,74,517	10,57,838

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2019

SCHEDULE 18 - OTHER INCOME

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 18 - OTHER INCOME		
1. Profit on Sale/disposal of Assets :		-
a) Owned Assets	-	20,000
b) Assets acquired out of grants, or received free of cost	-	-
2. Export Incentives realized	-	-
3. Fees for Miscellaneous Services (RTI)	3,864	3,832
4. Miscellaneous Income	2,800	56,731
Total	6,664	80,563

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES 20 FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2019**

**SCHEDULE 19 - INCREASE/(DECREASE) IN STOCK OF FINISHED GOODS & WORK IN
PROGRESS**

(Amount in ₹)

SCHEDULE 19 - INCREASE/(DECREASE) IN STOCK OF FINISHED GOODS & WORK IN PROGRESS		
a) Closing Stock		
- Finished Goods	-	-
- Work-in-progress	-	-
b) Opening Stock		
- Finished Goods	-	-
- Work-in-progress	-	-
NET INCREASE/(DECREASE) [a-b]	-	-

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES 20 FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.03.2019

SCHEDULE 20 - ESTABLISHMENT EXPENSES

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 20 - ESTABLISHMENT EXPENSES		
a) Salaries and Wages	1,49,19,261	1,53,78,513
b) Allowances and Bonus	1,51,222	52,264
c) Contribution to Provident Fund	-	-
d) Contribution to Other Fund (specify)		
Superannuation Scheme	6,77,632	5,18,255
e) Staff Welfare Expenses	99,730	1,37,142
f) Expenses on Employees' Retirement & Terminal Benefits	-	-
g) Others (specify)		
Leave Salary & Pension Contributions	9,19,090	16,54,446
TOTAL	1,67,66,935	1,77,43,620

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2019**

SCHEDULE 21- OTHER ADMINISTRATIVE EXPENSES ETC.

(Amount in ₹)

	Current Year	Previous Year
a. Purchases (Stationary)	2,60,330	2,57,821
b. Conveyance and Cartage	1,19,976	35,990
c. Repairs and maintenance (General + Computer)	55,502	11,226
d. Vehicles Running Expenses	1,62,089	1,57,676
e. Vehicles Maintenance	99,431	55,980
f. Postage, Telephone and Communication Charges	1,00,627	1,01,870
g. Printing, Publication and Periodicals	3,07,760	1,76,456
h. Travelling Expenses	17,33,192	9,39,259
i. Legal & Professional Expenses	67,982	44,880
j. Hospitality Expenses	93,494	1,13,239
k. Advertisement and Publicity	-	
l. Audit Fees	-	-
m. Others (specify)	-	-
n. Bank Charges		9,839
o. Other Expenses#	6,77,002	50,487
p. Membership fees	68,350	2,73,402
q. Rent, Rates & Taxes	-	-
r. Deficit on sale of unusable assets/Disposal of Assets	-	26,041
s. Repairs and maintenance of Building	-	10,374
Total (I)	37,45,735	22,64,540
II. Payments Against Various Projects		
Expenses on Training, Workshop & Conferences	1,21,63,460	86,35,766
Expenses on WAZA Conferences	-	-

	Current Year	Previous Year
Expenses on Research Projects	12,90,404	57,95,400
Monitoring & Evaluation Of Zoos	6,18,949	7,76,718
Ex-Gratia Payment to closed Mobile Zoos	-	-
Transportation Of Animals	-	-
Total (II)	1,40,72,813	1,52,07,884
III. Unspent balance of GIA refundable to Ministry	-	85,96,152
TOTAL (I+II+III)	1,78,18,548	2,60,68,576

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2019**

SCHEDULE 22- EXPENDITURE ON GRANTS, SUBSIDIES ETC.

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 22- EXPENDITURE ON GRANTS, SUBSIDIES ETC.		
a. Grant given to Institutions/ Organizations		
Grant released to various zoos	9,45,33,000	8,32,98,200
Unspent grants-in-aid refundable to ministry	-	-
b. Subsidies given to Institutions/ Organizations	-	-
TOTAL	9,45,33,000	8,32,98,200

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2019

SCHEDULE 23 - INTEREST ON LOANS/FIXED LOAN

(Amount in ₹)

SCHEDULE 23 - INTEREST ON LOANS/FIXED LOAN	Current Year	Previous Year
a) On Fixed Loan		
b) On Other Loans (including Bank Charges)	-	-
c) Other (specify)	-	-
TOTAL	-	-

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2019
SCHEDULE 24-SIGNIFICANT ACCOUNTING POLICIES**

1. Basis of Accounting

The Financial Statements are prepared under the historical cost convention on accrual basis and are in accordance with generally accepted accounting practices.

2. Fixed Assets

Fixed Assets are stated at cost of acquisition which includes freight, duties and taxes relating to their acquisition less accumulated depreciation.

3. Depreciation

Depreciation on Fixed Assets is provided on written down value at the rates provided in the Income Tax Act. Assets acquired after Sept. have been depreciated at half of the rate of depreciation prescribed for an asset.

4. General

Accounting policies not specifically mentioned are otherwise in consonance with generally accepted accounting practices.

**FINANCIAL STATEMENTS
(NON-PROFIT ORGANIZATIONS)**

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2019

SCHEDULE 25-CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS

1. Contingent Liabilities

Claims against the Entity not acknowledged as debts – NIL (Previous year NIL).

2. Capital Commitments

Estimated value of contracts remaining to be executed on Capital account and not provided for (net of advances) - NIL (Previous year NIL)

3. Current assets, Loans and Advances

In the opinion of the Management, the Current Assets, Loans and Advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

4. Corresponding figures for the previous year have been regrouped/ rearranged, wherever necessary.

5. Schedule 1 to 25 annexed form an integral part of the Balance Sheet as at 31st March, 2019 and the Income and expenditure Account for the year ended on that date.

6. The amount released to the various zoos has been accounted for as expenditure for the year in which the same was released.

7. The Depreciation of last year on Computer Software was levied at rate of 25% instead of 60 % of Rs. 2,72,744/- which was under changed the depreciation of Rs. 1.95 lakhs (25%) resulted in overstatement of fixed assets besides understatement of expenditure by the same extent as per audit para observation of the previous year. Corrective rates of the intangible assets was charged in this year. The Audit while auditing CZA Accounts from 15-07-2019 has observed that depreciation should be charged as per revised rates under Income Tax Act, 1961, the corrective measure were made in the CZA revised Annual Accounts after approval of competent authorities.

8. As per previous year audit para, the provision of the WAZA & CPSG Membership Fee payable for the first three months of the year 2019 is made in the accounting year.
9. As desired by the audit while auditing CZA Accounts from 15-07-2019, Rs. 42.58 lakhs Unspent Grant from the Zoos shown Schedule -13 "Grant/Subsidies" should be depicted in the Schedule –7 "Current Liabilities". The necessary correctives measures were made in the Revised Accounts for approval in the CZA meeting on 06-08-2019.

कार्यालय महानिदेशक लेखापरीक्षा
वैज्ञानिक विभाग नई दिल्ली 110002

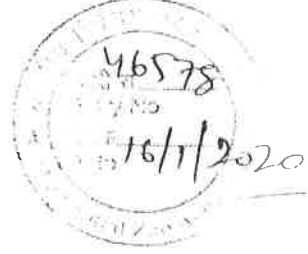
DGA/SD/EA/SAR/CZA/2019-20/999

दिनांक

15 JAN 2020

सेवा में,

Member Secretary,
Central Zoo Authority, (MoEF&CC),
B-1 Wing, 6th Floor, Antyodaya Bhawan,
CGO Complex, Lodhi Road,
New Delhi-110003.



विषय: Separate Audit Report on the Accounts of Central Zoo Authority, New Delhi for the year 2018-19

महोदय,

मुझे वर्ष 2018-19 के लिए Central Zoo Authority, New Delhi का पृथक लेखापरीक्षा प्रतिवेदन अग्रेषित करने का निर्देश हुआ है।

संसद के दोनों सदनों में प्रस्तुत करने से पहले वर्ष 2018-19 के वार्षिक लेखों को संस्थान के शासी निकाय द्वारा अनुमोदित किया/अपनाया जाए तथा इस संबंध में शासी निकाय द्वारा जारी किया गया रेजोल्यूशन ऑडिट को भेजा जाए। प्रत्येक दस्तावेज जो संसद में प्रस्तुत किया जाए उसकी तीन प्रतियाँ इस कार्यालय तथा दो प्रतियाँ भारत के नियंत्रक महालेखापरीक्षक को अग्रेषित की जाए। संसद के दोनों सदनों में प्रस्तुत करने की तिथियाँ भी इस कार्यालय को सूचित की जाए।

सलग्नक:- पृथक लेखापरीक्षा प्रतिवेदन

भवदीया
आर. आर.
उप निदेशक (पर्या.ले.)

D/6
15-1-2020
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FO

Separate Audit Report on the Accounts of Central Zoo Authority, New Delhi for the year ended 31 March, 2019

We have audited the attached Balance Sheet of Central Zoo Authority (CZA), as at 31st March 2019, Income & Expenditure Account and Receipts & Payments Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 38E of the Wildlife (Protection) Act, 1972. These financial statements are the responsibility of the CZA's management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller and Auditor General of India (CAG) on the accounting treatment only with regard to classification, in conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material mis-statements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

- (i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
- (ii) The Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this report have been drawn up in the format approved by the Ministry of Finance.
- (iii) In our opinion, proper books of accounts and other relevant records have been maintained by the CZA as required under Section 38E of the Wildlife (Protection) Act, 1972 in so far as it appears from our examination of such books.
- (iv) We further report that:

A. Income & Expenditure Account

A.1 Establishment Expenses (Schedule -20) - Rs. 1.68 Crore

CZA booked an amount of Rs. 6.72 lakh under Establishment and Other Administrative Expenses which pertained to leave salary and pension contribution for the period March 2014 to March 2016. Out of this, an amount of Rs.2.98 lakh was met from the provision of 'leave salary and pension

contribution' of Schedule 7. Thus, CZA had overstated the expenditure during 2018-19 by Rs.3.74 lakh besides understatement of prior-period expenditure by the same amount.

B. General:

B.1 CZA did not make any provision for retirement benefits in annual accounts in contravention to Uniform format and AS 15.

C. Grants-in-Aid

CZA received grants-in-aid of Rs.1200.00 lakh and Rs.113.44 lakh as other receipts during 2018-19 besides an opening bank/imprest balance of Rs.171.87 lakh. Out of total amount of Rs. 1485.31 lakh, the Authority had made payments of Rs.1350.02 lakh, leaving a closing bank/imprest balance of Rs.135.29 lakh.

D. Effect of revision of Account:

Due to revision of accounts at the instance of audit, the excess of expenditure over income has been enhanced by Rs.39.33 lakh and capital funds have been reduced to that extent.

E. Management letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of the Member Secretary, CZA through a management letter issued separately for remedial/correction action.

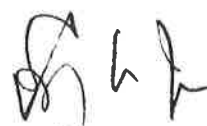
(v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Accounts and Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.

(vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated the other matters mentioned in Annexure to this Audit Report give true and fair view in conformity with accounting principles generally accepted in India.

a. In so far as it related to the Balance Sheet, of the state of affairs of the CZA, as at 31st March 2019 and

b. In as far as it related to Income & Expenditure Accounts, of the **deficit** for the year ended on that date.

For and on behalf of the C & AG of India



Director General of Audit (Scientific Departments)

Place : New Delhi

Date : 15.01.20

'Annexure – I'

1. Adequacy of Internal Audit System

Internal Audit of the Authority was required to be conducted by the Internal Audit wing of Principal Pay & Accounts Office of the Ministry of Environment, Forests and Climate Control (MoEF&CC), New Delhi which was completed upto March 2017. A total number of 10 paras were outstanding till January 2019.

2. Adequacy of the Internal Control System

- (i) The Utilization Certificates (UCs) for Rs. 265.88 lakh were still awaited from eight Zoos in respect of grants-in-aid released from 2009-10 to 2017-18.
- (ii) The CZA did not make budgetary provisions for release of 'Grants-in-aid for creation of capital assets' under object head-35 and released the general purpose grant to various Zoos for capital items which shows improper budgeting by the Authority.
- (iii) *Non-maintenance of record of assets created out of Grants-in-aid to institutions:* As per GFR 233, assets created out of Grants-in-aid for creation of capital assets can be retained or disposed-off by the grantee institution with the prior approval of the Authority. However, the Authority did not maintain any record of the assets created out of grants provided for creation of capital assets to various grantee institutions.
- (iv) During scrutiny of Accounts it was observed that irregular payment of Rs.2500 each was made to the seven numbers of outsourced / contractual staff from the Salary Head as Honorarium. Similarly, payments of Rs.10,000 and Rs.13000 were made to two officials as honorarium for evaluation of Zoo. Therefore the payment of Rs.40500 was irregular.

3. System of Physical Verification of Inventory

The physical verification of consumable items has been conducted upto March 2019.

4. System of Physical Verification of Assets

The Physical verification of Assets has been carried out for the period upto March, 2019.

5. Regularity in payment of statutory dues.

The Central Zoo Authority was regular in depositing statutory dues.



Dy. Director (EA)

(i) Static balances

Scrutiny of the accounts revealed static balances under various schedules of the balance sheets as detailed below:

Sl. No.	Schedule/Head	Balance as on 31.3.19 (Amount in Rs.)	Amount lying since year
1.	Sch.7-Current Liabilities-Sundry Creditors-Others (for WAZA expenses)	147000.00	2014-15
2.	Sch.7-Current Liabilities-Other Current Liabilities-Unspent amount of Wild Life Week Celebration	5559.00	2015-16
4.	Sch.11-Current Assets-Advance payment for purchases-CPWD for renovation	505127.00	2015-16

These static balances were long standing in the accounts. As these amounts were required to be released/recovered (as the case may be), efforts may be made by the Authority to settle these balances that are kept pending without any justification.

ii) Current Assets, Loans and advances (Schedule 11) Rs. 1.45 crore:

There were 23 numbers of Zoos that had defaulted in payment of application fee for renewal of recognition during 2018-19. However, CZA did not take into account the accrued income of Rs.2.30 lakh out of fee receivable from these entities which resulted in understatement of income besides understatement of current assets by Rs. 2.30 lakh. Out of Rs.2.30 lakh, Rs.0.40 lakh pertains to period prior to 2018-19.]



Dy. Director (EA)



Central Zoo Authority

(Statutory body of the Ministry of Environment, Forest and Climate Change)

B 1 Wing, 6th Floor, Pt. Deendayal Antyodaya Bhawan,
CGO Complex, Lodhi Road, New Delhi 110 003

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