

ANNUAL REPORT (2015-16)



CENTRAL ZOO AUTHORITY

(A Statutory Body under the Ministry of Environment, Forest & Climate Change,
Government of India)

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From the Desk of Member Secretary

The Central Zoo Authority (CZA), a statutory body under the Ministry of Environment, Forest & Climate Change, Government of India was constituted in 1992 under the provision of Wildlife (Protection) Act, 1972 to oversee the functioning of zoos in India and provide them technical assistance. In addition to this, it was motivated by another objective to promote establishment of new zoos. The prime concern of the CZA has been raising existing standard of animals' upkeep and veterinary care in zoos.

The National Zoo Policy, 1998 and Guidelines on Scientific Management of Zoo were formulated to give the right directions to zoos in ensuring scientific management and thrust to efforts in wildlife conservation through principles of ex-situ conservation of wildlife. The main endeavor of the authority is to complement national efforts in conservation of wildlife. The standards and norms for housing, upkeep, health care and overall management of animals in zoos has been carefully laid down under the Recognition of Zoo Rules, 2009. Every zoo in the country is required to obtain recognition from the Authority for its operation. The Authority evaluates zoos with reference to the parameters prescribed under the Rules and grants recognition accordingly.

The Authority consists of a Chairman, ten members and a Member Secretary. In order to assist in performing the duties assigned and its mandated functions, the CZA has constituted different committees. The Administrative Committee, Technical Committee and Expert Group on Zoo Designing are regular constituents of the CZA but with the latest developments in conservation breeding and other aspects of zoo management, the Expert Group on Conservation Breeding and other such groups were further created to address those requirements. The functions of these committees are regulated by the Governing Body i.e. Central Zoo Authority, which is chaired by the Hon'ble Minister of State (IC), Environment, Forest & Climate Change, Government of India and Member Secretary as Chief Executive Officer (CEO).

Besides the primary function of recognition and release of financial assistance, the Central Zoo Authority also regulates the exchange of animals amongst zoos in the endangered category listed under Schedule-I & II of the Wildlife Protection Act, 1972. The exchange of animals between Indian zoos and foreign zoos is also approved by the Authority subject to requisite clearances under EXIM Policy and the CITES permits issued by the competent authority. The Authority also coordinates and implements initiatives on capacity building of zoo personnel, planned breeding programmes and ex-situ research including biotechnological intervention for conservation of species that complement in-situ conservation efforts across the country.

During the reporting period, the Central Zoo Authority achieved a milestone by signing a Memorandum of Understanding (MoU) with Smithsonian National Zoological Park, Washington D.C., USA in the field of wildlife conservation in zoos, capacity building, scientific research and veterinary health care of the animals. This was a major achievement for India proclaiming its global influence in the field of ex-situ conservation.

The publication of annual report is a mandatory and formalized practice of the CZA such that the report is placed before the Hon'ble Members of Parliament for observation, and also circulated to the zoos. The annual report provides a glimpse of the activities carried out by the authority during the financial year.

I am pleased to place the account of CZA functions including budgetary details as approved by the Chairperson, CZA on recommendations of the Technical Committee of the CZA. I gratefully acknowledge the guidance of the governing body of the CZA and expert members of the various groups of the CZA. I also acknowledge commitment, contribution and help from the each and every personnel working in the CZA in exercising their duties honestly and sincerely and their contribution in the preparation, editing and formatting the annual report.

Dr. D.N. Singh
Member Secretary
Central Zoo Authority

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1. Introduction

The Indian Board for Wildlife re-constituted its Zoo Wing as 'the Expert Group on Zoos' in its 9th session held on November 18, 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 November, 1973. The report recommended setting up of a central agency (Zoo Grants Commission) and to give effect to this the Wildlife (Protection) Act, 1972 was amended through an amendment Act, in the year 1991 and Central Zoo Authority was established. A separate chapter (Chapter IVA, Section 38 A to 38 J) was added to the Act for establishment of Central Zoo Authority in India. Thus, the Central Zoo Authority (CZA) 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 animal 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 which were revised as Recognition of Zoo Rules, 2009 on the recommendation of the Central Zoo Authority, that were aimed at fixing 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 functions assigned to the Authority under Section 38 (C) of the Wildlife (Protection) Act, 1972 are:

- (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 establishment of CZA comprises of 17 regular/contractual, scientific and administrative personnel to assist the Member Secretary in discharge of his duties.

Sl. No.	Name of the Post	Name of the incumbent	Pay-Band/Salary (Amount in Rs.)
Permanent basis			
1.	Member Secretary	Mr. Vinod Ranjan (up to 26.01.2016) Dr D. N. Singh (27.01.2016 onwards)	75000-80000 (HAG+) 67000-79000 (HAG Scale)
2.	Deputy Inspector General (HQ)	Mr. Inder Dhamija (up to 03.03.2016)	37400-67000 (Grade Pay Rs 8700)
3.	Finance Officer	Mr. V. P. Mehta	15600-39100 (Grade Pay Rs.5400/-)
4.	Private Secretary	Mrs. Seema Burreja	9300-34800 (Grade Pay Rs.4800/-)
5.	Accountant	Mr. R. S. Rawat	9300-34800 (Grade Pay Rs.4600/-)
6.	Data Processing Assistant	Mr. Vivek Goel	9300-34800 (Grade Pay Rs.4600/-)
7.	Evaluation & Monitoring Assistant	Mr. T. Ajay Kumar	9300-34800 (Grade Pay Rs.4200/-)
8.	Technical Assistant	Mrs. Natasha S Vashisth	5200-20200 (Grade Pay Rs.2800/-)
9.	Lower Division Clerk	Mr. Thakur Dass	5200-20200 (Grade Pay Rs.2000/-)
10.	Multi Task Staff	Mr. P. K. Jha	5200-20200 (Grade Pay Rs.2000/-)
11.	Multi Task Staff	Mr. Gopal Swami	5200-20200 (Grade Pay Rs.1900/-)
12.	Staff Car Driver	Mr. Hari Singh Bhandari	5200-20200 (Grade Pay Rs.2800/-)
Outsourced basis			Consolidated
13.	Evaluation & Monitoring Officer	Dr. Brij Kishor Gupta	Rs. 48110/-
14.	Scientific Officer	Dr. Devender Kumar	Rs. 26620/-
15.	Upper Division Clerk	Mr. Sanjay Singh Rawat	Rs. 16500/-
16.	IT Assistant	Mr. Arvind Kumar	Rs. 14520/-
17.	Multi Task Staff	Mr. Jeevan Das	Rs. 10998/-

2.1 Governing Body

The governing body of Central Zoo Authority comprises of twelve members with the Minister of State (Independent Charge), Ministry of Environment & Forest now Ministry of Environment, Forest & Climate Change, as its *ex-officio* Chairperson. The board was reconstituted for the 8th time in May, 2014 for a period of three years vide Gazette Notification No. 1152 dated 28th May, 2014 and appointed the following members with the Member Secretary as the Chief Executive Officer of the Authority:

- | | | |
|----|--|--------------------------------------|
| 1. | Minister of State (Independent Charge)
Ministry of 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)
and 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
Indian Veterinary Research Institute,
Bareilly, Uttar Pradesh | Member
(<i>ex-officio</i>) |
| 7. | Director
Wildlife Institute of India,
Dehradun, Uttarakhand | Member
(<i>ex-officio</i>) |
| 8. | Sh. S.K. Patnaik
Retd. Chief Wildlife Warden,
Bhubaneswar, Orissa | Member |

- | | | |
|-----|--|---------------------|
| 9. | Sh. Kartikeya V. Sarabhai
Director,
Centre for Environment Education,
Ahmedabad, Gujarat | Member |
| 10. | Sh. Vivek Menon
Advisor (Chief Executive Officer),
Wildlife Trust of India, Noida
Uttar Pradesh | Member |
| 11. | Sh. Kartick Satyanarayan
Wildlife SOS,
New Delhi | Member |
| 12. | Member Secretary
Central Zoo Authority,
New Delhi | Member
Secretary |

The 28th Meeting of the Central Zoo Authority was held on 04th November, 2015 at Indira Paryavaran Bhawan, Jor Bagh, New Delhi, under the chairmanship of Shri Prakash Javadekar, Hon'ble Minister of State (IC), Ministry of Environment, Forests and Climate Change, Government of India and Chairperson, Central Zoo Authority.

2.2 Administrative Committee

A Sub-group, namely, Administrative Committee (to deal with the administrative and budgetary issues) of the Central Zoo Authority was reconstituted with the approval of the Minister of State (Independent Charge), Environment & Forest now Ministry of Environment, Forest & Climate Change, and Chairman, Central Zoo Authority vide order No. 19-8/92-CZA(Vol. IV)(M)/5068 dated 11.06.2014 with the following composition and terms of reference:

- | | | |
|----|---|-------------|
| 1. | Director General of Forests
and Special Secretary
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi | Chairperson |
| 2. | Addl. Director General of Forests (WL)
and Director, Wildlife Preservation,
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi | Member |

- | | | |
|----|---|----------|
| 3. | Addl. Secretary and Financial Adviser
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi
Or his representative | Member |
| 4. | Joint Secretary (Admn.)
(In-Charge, General Administration)
Ministry of Environment, Forest & Climate Change,
Government of India, New Delhi | Member |
| 5. | Member Secretary,
Central Zoo Authority, New Delhi | Convener |

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 period of term of the Administrative Committee will be coterminous with the Central Zoo Authority constituted on May 28, 2014 for a period of three years. The meeting of the Administrative committee held on 27.10.2015 during the financial year.

2.3 Technical Committee

The Technical Committee (to deal with the technical matters) of the Central Zoo Authority was reconstituted with the approval of the Minister of State (Independent Charge), Environment & Forests and Chairperson, Central Zoo Authority vide order No. 19-8/92-CZA(Vol.IV)(M)/5060-67 dated 11.06.2014 with following composition and terms of reference:

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

	Government of India, New Delhi or his representative	
3.	Addl. Secretary and Financial Adviser Ministry of Environment, Forest & Climate Change, Government of India, New Delhi	Member
4.	Director Indian Veterinary Research Institute, Bareilly, Uttar Pradesh	Member
5.	Director Wildlife Institute of India, Dehradun, Uttarakhand	Member
6.	Sh. S.K. Patnaik Retd. Chief Wildlife Warden, Bhubaneswar, Odisha	Member
7.	Sh. Vivek Menon Advisor (Chief Executive Officer) Wildlife Trust of India, Noida Uttar Pradesh	Member
8.	Sh. Kartikeya V. Sarabhai Director, Centre for Environment Education, Ahmedabad, Gujarat	Member
9.	Shri Kartick Satyanarayan Wildlife SOS, New Delhi	Member
10.	Member Secretary Central Zoo Authority, New Delhi	Convener

The main functions of the Technical Committee would be:

- (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 foreign Zoos, 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 period of term of the Technical Committee will be coterminous with the Central Zoo Authority constituted on May 28, 2014 for a period of three years.

The Central Zoo Authority convened meeting of the Technical Committee during the current financial year on 22nd May, 2015 (74th Meeting), 15th July, 2015 (75st Meeting), 09th November, 2015 (76st Meeting) and 20th January, 2016 (77nd Meeting) to discuss the proposal on improvement in zoos, conservation breeding programme, research and trainings, 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 was reconstituted by the Member Seretary, Central Zoo Authority with a validity for three month upto March, 2016 as per the mechanism approved by the Minister of State (Independent Charge)

and Chairperson, CZA vide this office order F. No. 19-8/92-CZA(Vol.III)(M) dated 23.11.2010 with following composition and terms of reference:

1. Shri S.C. Sharma
Retd, Addl. DGF (WL),
411, New Delhi Apartments,
Plot No. 7, Vasundhara Enclave,
Delhi – 96
Member
(Leader of Sub-group I)
2. Shri S.K. Patnaik
Retd. CWLW (WL), Government of Odissa,
81, Fishery Lane,
Budheswari Colony,
Bhubaneswar – 751 006 (Odissa)
Member
(Leader of Sub-group II)
3. Shri R.S. Bhadauria
Retd. PCCF (Uttar Pradesh)
B-116, Indira Nagar,
Lucknow – 243 403
Member
(Leader of Sub-group III)
4. Shri A.S. Dogra
Retd. PCCF (Punjab)
H. No. 256,
Sector 37-A,
Chandigarh (Punjab)
Member
(Leader of Sub-group IV)
5. Shri Kartick Satyanarayan
Wildlife SOS
D-210, Defence Colony,
New Delhi – 110 024
Member
6. Prof. (Dr.) Surinder Suneja
Head, Department of Landscape Architecture,
School of Planning & Architecture,
4, Block B, Indraprastha Estate,
New Delhi – 110 002
Member
7. Prof. (Dr.) Rommel Mehta
Department of Landscape Architecture,
School of Planning & Architecture,
Block -4, Indraprastha Estate, New Delhi – 110 002
Member
8. Chief Engineer, CCU
Ministry of Environment, Forest & Climate Change,
Room No. 728, 7th Floor,
Member

CGO Complex, Paryavaran Bhawan,
Lodhi Road, New Delhi – 110 001

- | | | |
|-----|---|----------|
| 9. | Prof. M. Shaheer
(Retd.) Head, Department of Land Architecture,
School of Planning & Architecture,
Residence of 168/7, 2 nd Floor
Sarai Julena, Okhla Road,
New Delhi – 110 025 | Member |
| 10. | Dr. Brij Kishor Gupta
Zoo Biologist,
C-280, Beta – I,
Greater Noida – 201 308 | Member |
| 11. | Sh. Himanshu Malhotra
Wildlife Filmmaker/Environmentalist,
C-50, Defence Colony,
New Delhi – 110 024 | Member |
| 12. | Dr. A.K. Malhotra
F 801, Neel Padam 1,
Vaishali, Sector-5,
Ghaziabad – 201 010 | Member |
| 13. | Prof. V.B. Deshpande
Retd. Professor,
Department of Civil Engineering,
Indian Institute of Technology, Delhi | Member |
| 14. | Member Secretary,
Central Zoo Authority, New Delhi | Convener |

The terms of reference of the said Expert Group are:

1. To scrutinise, suggest improvements, changes and make recommendations (to the Technical Committee) in the proposed master (layout) plan & master plan submitted by the various zoos.
2. To scrutinise, suggest improvements/changes and approve/disapprove the designs of animal enclosures submitted by various zoos.
3. To suggest standards and norms for designing of animal enclosures for various zoos.

2.5 Expert Group on Conservation Breeding

An expert group was constituted for revising and preparing detailed guidelines on Conservation Breeding vide this office order F.No. 24-6/2007-CZA (M) dated 11.10.2010 with the following members and term of reference:

A. Composition of the Committee

- | | | |
|----|--|-----------------|
| 1. | Member Secretary
Central Zoo Authority,
New Delhi | Member/Convener |
| 2. | Director
or his representative,
Wildlife Institute of India,
PB No. 18, Chandrabani,
Dehradun – 248 001 (Uttarakhand) | Member |
| 3. | Dr. B.R. Sharma
511, Sky Lark Apartment,
Sector – 6, Dwarka,
New Delhi
Mobile No. 9582131124 | Member |
| 4. | Dr. Vibhu Prakash
Principal Scientist,
Bombay Natural History Society,
Vulture Conservation Breeding Programme,
B-3, Forest Complex, Pinjore – 134 102 (Haryana) | Member |
| 5. | Dr. Gautam Narayan
Project Officer,
Pigmy Hog Conservation Programme,
Research & Breeding Centre,
Indira Nagar, Basistha,
Guwahati – 781 029 (Assam) | Member |

Special Invitee

Shri Kartick Satyanarayan
Wildlife SOS,
D - 210, Defence Colony,
New Delhi – 110024

B. Terms of Reference

1. To develop a document on detail guidelines to zoos for the Conservation Breeding Programme (species specific and general) covering *ex-situ* and *in-situ* components including pattern of funding, site selection, collaboration with institutions, monitoring etc. inter alia with the concept paper and guidelines/norms developed by the CZA and recommendations of the International Conference on India's Conservation Breeding Initiative. Review of the ongoing Conservation Breeding Programme.
2. Critical evaluation of the Conservation Breeding Centres funded by the CZA.
3. Review and prioritization of the species identified under the conservation breeding programme.
4. Pattern of financial assistance to be provided to the zoos by the CZA for the conservation breeding.
5. To identify zoos for maintaining national studbooks.
6. Any other aspects.

The Expert Group may also invite the representatives from Laboratory for Conservation of Endangered Species (LaCONES), Hyderabad and Indian Veterinary Research Institute, Bareilly and such other institutions, which may be deemed to be think fit for identifying the areas or issues of conservation breeding. The Expert Group shall hold meetings as and when required.

The meeting of the Expert Group on Conservation Breeding could not be held during the financial year.

3.0 Restructuring of Central Zoo Authority

To strengthen the Central Zoo Authority, the Ministry of Environment & Forest, Govt. of India has appointed Dr. D. N. Singh, IFS (AGMUT Batch) as Member Secreatry, Central Zoo Authority during the reporting period.

4.0 Functioning of the CZA

4.1 Technical Evaluation and Grant of Recognition to Zoos

The Central Zoo Authority evaluated 34 Zoos during the year 2015-16 as per the details given below. Of these large, medium, small and mini category zoos were 2, 6, 6 & 14 respectively. In addition to this, 3 Rescue Centres and 3 Circuses were also evaluated. The following is the list of the zoos evaluated during the 2015-16:

Large category zoos

S.No.	State	Name and location of the Zoo	Evaluating officer/s	Date of evaluation
1.	Uttar Pradesh	Nawab Wajid Ali Shah Prani Udyan, Lucknow	Prof. B.C. Choudhary & Dr. A.K. Malhotra	07.12.2015 to 09.12.2015
2.	Punjab	M. C. Zoological Park, Chhatbir	Shri S. C. Sharma & Dr. B. R. Sharma	28.12.2015 to 29.12.2015

Medium category zoos

S.No.	State	Name and location of the Zoo	Evaluating officer/s	Date of evaluation
1.	West Bengal	Zoological Garden, Alipore, Kolkata	Sri S.K. Patnaik & Dr. K.K. Sharma	08.10.2015 to 09.10.2015
2.	Kerala	State Museum and Zoo, Thrissur	Shri S. C. Sharma	02.12.2016
3.	Manipur	Manipur Zoological Garden, Imphal	Sh. R. Bhattacharjee	13.12.2015 to 14.12.2015
4.	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Sh. S.K. Patnaik & Dr. M.L. Smith	26.11.2015 to 27.11.2015
5.	Chattisgarh	Kanan Pendari Zoo, Bilaspur	Sri S.C. Sharma & Dr. A.K. Sharma	07.01.2016
6.	Tamil Nadu	Childers's Park at Guindy, Chennai	Dr. Brij Kishor Gupta	04.01.2016

Small category zoos

S.No.	State	Name and location of the Zoo	Evaluating officer/s	Date of evaluation
1.	Maharashtra	Aurangabad Municipal Corporation Zoo, Aurangabad	Dr. A.K. Malhotra & Dr. R.G. Jani	18.03.2015 to 19.03.2015
2.	Punjab	Ludhiana Zoo, Ludhiana	Dr. B. R. Sharma	19.11.2015
3.	Sikkim	Himalayan Zoological Park, Bulbuley, Gangtok	Sh. Ritesh Bhattacharjee & Dr. Uttam Mani Pradhan	22.11.2015

4.	Karnataka	Children's Park cum Mini Zoo, Gadag	Dr. B. Trinadha Rao	24.11.2015
5.	Andhra Pradesh	Kandaleru Deer Park, Kandaleru, SPSR Nellore District	Dr. B. Trinadha Rao	24.09.2014*
6.	Chattisgarh	Nandanvan Zoo Raipur (to be relocated to Nandanvan Zoo and Safari at New Raipur)	Shri S.C. Sharma & Dr. A.K. Sharma	06.01.2016

Mini category zoos

S.No.	State	Name and location of the Zoo	Evaluating officer/s	Date of evaluation
1.	Madhya Pradesh	Zoo and Rescue Centre, Mukundpur, Satna	Sh. B.S. Bonal & Dr. A.K. Malhotra	16. 01.2015 17.01.2015*
2.	Jharkhand	Birsa Mrig Vihar, Kalamati	Sh. Bipul Chakravarthy	02.11.2015 to 03.11.2015
3.	Arunachal Pradesh	Mini Zoo, Roing	Shri R. C. Bhattacharjee	17.04.2015
4.	Himachal Pradesh	Sarahan Pheasantry, Sarahan	Dr. A. K. Malhotra	18.05.2015
5.	Uttarakhand	Malsi Deer Park, Dehradun	Shri P. C. Tyagi	30.08.2014*
6.	Andhra Pradesh	Deer Park, NFCL, Kakinada, East Godavari District	Dr. B. Trinadh Rao	05.08.2014*
7.	Odisha	Taptapani Deer Park, Gajapati District	Shri B.G. Mugadur	18.10.2014*
8.	Andhra Pradesh	Deer Park, Chittoor	Dr. B. Trinadh Rao	21.09.2015 to 22.09.2015
9.	Himachal Pradesh	Renuka Mini Zoo, Renuka, Sirmour District	Dr. A.K. Malhotra	15.05.2015
10.	Kerala	Kaprikkad Mini Zoo and Rescue Centre, Kodanad,	Dr. Navin Kumar	18.11.2015
11.	Kerala	Lion Safari Park, Neyyar Wildlife Sanctuary	Dr. Navin Kumar	19.11.2015
12.	West Bengal	Rasikbeel Mini Zoo, Cooch Behar	Shri S.K. Patnaik & Dr. M.L. Smith	28.11.2015
13.	Telangana	Deer Park, Shamirpet, Rangareddy District	Dr. B. Trinadha Rao	26.08.2014*
14.	Telangana	Deer Park, Kesoram Cement at Basantnagar	Dr. S. Nagaraju	02.11.2015 to 03.11.2015

Rescue Centres

S.No.	State	Name and location of the Zoo	Evaluating officer/s	Date of evaluation
1.	Himachal Pradesh	Nehru Pheasantry, Manali	Dr. A.K. Malhotra	08.06.2014*
2.	Andhra Pradesh	Karuna Wildlife Rescue Centre, Puttaparthi, Ananthapuram District	Dr. B. Trinadh Rao	24.01.2015
3.	Maharashtra	Rescue Centre at Gorewada, Nagpur	Shri S.K. Patnaik & Dr. A.K. Malhotra	01.10.2015

Circuses

S.No.	Name of the Circus	Evaluating officer/s	Date of evaluation
1.	Rajkamal Circus	Shri Himanshu Malhotra & team	28.03.2015 to 30.03.2015
2.	Kohinoor Circus	Shri Himanshu Malhotra & team	08.06.2015
3.	Asiad Circus	Deputy Conservator of Forest (Wildlife), Zoo, Jaipur, Sri Kartick Satyanarayan, and Veterinary Officer, Zoo, Jaipur	08.10.2015

**The zoos above were evaluated during financial year 2014-15. However, the evaluation reports were considered by the Technical Committee during Financial year 2015-16.*

ZOOS GRANTED RECOGNITION DURING 2015-16

The Central Zoo Authority granted renewal of recognition to 29 zoos during the year 2015-16 as per the details given below. Of these large, medium, small, mini category zoos and rescue centres were 2, 6, 7, 11 & 3 respectively. There are 178 recognized zoos (including circuses) in the country.

Large category zoos

S.No.	State	Name and location of the Zoo	Recognition granted up to
1.	Uttar Pradesh	Nawab Wajid Ali Shah Prani Udyan, Lucknow	20.01.2019
2.	Punjab	M. C. Zoological Park, Chhatbir	20.01.2019

Medium category zoos

S.No.	State	Name and location of the Zoo	Recognition granted up to
1.	West Bengal	Zoological Garden, Alipore, Kolkata	30.11.2018
2.	Kerala	State Museum and Zoo, Thrissur	20.01.2017
3.	Manipur	Manipur Zoological Garden, Imphal	20.01.2019
4.	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	20.01.2019
5.	Chattisgarh	Kanan Pendari Zoo, Bilaspur	20.01.2019
6.	Tamil Nadu	Childers's Park at Guindy, Chennai	20.01.2019

Small category zoos

S.No.	State	Name and location of the Zoo	Recognition granted up to
1.	Madhya Pradesh	Gandhi Zoological Park, Gwalior	20.02.2016
2.	Punjab	Ludhiana Zoo, Ludhiana	20.01.2019
3.	Sikkim	Himalayan Zoological Park, Bulbuley, Gangtok	20.01.2019
4.	Kerala	Parassinikkadavu Snake Park, Kannur	30.08.2016
5.	Andhra Pradesh	Kandaleru Deer Park, Kndaleru, SPSR Nellore District	20.01.2019
6.	Chattisgarh	Nandanvan Zoo Raipur (to be relocated to Nandanvan Zoo and Safari at New Raipur)	20.01.2017
7.	Karnataka	Children's Park cum Mini Zoo at Binkadakatti, Gadag	20.01.2019

Mini category zoos

S.No.	State	Name and location of the Zoo	Recognition granted up to
1.	Madhya Pradesh	Zoo and Rescue Centre, Mukundpur, Satna	07.06.2016
2.	Jharkhand	Birsa Mrig Vihar, Kalamati	30.11.2017
3.	Arunachal Pradesh	Mini Zoo, Roing	31.01.2016
4.	Himachal Pradesh	Sarahan Pheasantry, Sarahan	31.01.2016
5.	Uttarakhand	Malsi Deer Park, Dehradun	10.08.2017
6.	Andhra Pradesh	Deer Park, NFCL, Kakinada, East Godavari District	30.11.2017
7.	Odisha	Taptapani Deer Park, Gajapati District	30.11.2017
8.	Andhra Pradesh	Deer Park, Chittoor	30.11.2017
9.	West Bengal	Rasikbeel Mini Zoo, Cooch Behar	20.01.2018
10.	Telangana	Deer Park, Shamirpet, Rangareddy District	20.01.2018
11.	Telangana	Deer Park, Kesoram Cement at Basantnagar	20.01.2018

Rescue Centres

S.No.	State	Name and location of the Zoo	Recognition granted up to
1.	Himachal Pradesh	Nehru Pheasantry, Manali	30.11.2017
2.	Andhra Pradesh	Karuna Wildlife Rescue Centre, Puttaparthi, Ananthapuram District	30.06.2017
3.	Maharashtra	Rescue Centre at Gorewada, Nagpur	30.11.2017

4.2. List of the recognized zoos as on 31st March 2016

The zoos in India are classified as "large, medium, small and mini zoos" as per the criteria (area of the zoo, number of visitors, number of species and animals and number of animals of endangered species) provided under the Recognizing of Zoo Rules 2009, for the purpose of deciding standards and norms for recognition of zoo and monitoring and evaluating its performance. The zoo should meet at least any four of the aforesaid criteria (but including number of species and number of animals) to be classified into the above mentioned category. The list of the recognized zoo is given below:

Category	State	Zoo Name	City	Total	
Large Zoo	Andhra Pradesh	Indira Gandhi Zoological Park	Visakhapatnam	1	
	Assam	Assam State Zoo Cum Botanical Garden	Guwahati	1	
	Bihar	Sanjay Gandhi Biological Park	Patna	1	
	Delhi	National Zoological Park	Delhi	1	
	Gujarat		Kamla Nehru Zoological Garden	Ahmedabad	1
			Sakkarbaug Zoo	Junagarh	1
	Karnataka		Dr. K.Shivarma Karanth Pililkula Biological Park	Mangalore	1
			National Park, Bannerghatta Zoological Garden	Bengaluru	1
			Sri Chamarajendra Zoological Gardens	Mysuru	1
	Odisha		Nandankanan Biological Park	Bhubaneshwar	1
	Punjab		Mahendra Chaudhury Zoological Park	Chhatbir, Chandigarh	1

	Tamil Nadu	Arignar Anna Zoological Park	Vandalur, Chennai	1
	Telangana	Nehru Zoological Park	Hyderabad	1
	Uttar Pradesh	Nawab Wazid Ali Shah Zoological Gardens	Lucknow	1
Large Zoo Total				14
Medium Zoo	Andhra Pradesh	Sri Venkateswara Zoological Park	Tirupati	1
	Chhattisgarh	Kanan Pandari Zoo	Bilaspur	1
		Maitri Baagh Zoo	Bhilai	1
Gujarat	Dr. Shyamaprasad Mukharjee Zoological Garden	Surat	1	
	Indroda Nature Park	Gandhi Nagar	1	
	Rajkot Zoo	Rajkot	1	
	Sayaji Baug Zoo	Vadodara	1	
Jharkhand	Bhagwan Birsa Biological Park	Ranchi	1	
	Jawaharlal Nehru Biological Park	Bokaro	1	
	Tata Steel Zoological Park	Jamshedpur	1	
Kerala	State Museum & Zoo	Thrissur	1	
	Thiruvananthapuram Zoo	Thirunvananthapuram	1	
Madhya Pradesh	Kamla Nehru Prani Sangrahalaya Zoo	Indore	1	
	Van Vihar National Park Zoo	Bhopal	1	
Maharashtra	Rajiv Gandhi Zoological Park And Wildlife Research Center	Pune	1	
	Veermata Jijabai Bhosale Udyan & Zoo	Mumbai	1	
Manipur	Manipur Zoological Garden	Imphal	1	
Nagaland	Nagaland Zoological Park, Rangapahar	Dimapur	1	
Rajasthan	Jaipur Zoo	Jaipur	1	
	Jodhpur Zoo	Jodhpur	1	
Tamil Nadu	Childrens Park	Guindy, Chennai	1	
	Madras Crocodile Bank Trust/Centre For Herpetology	Mahabalipuram	1	
	V.O.C. Park Mini Zoo	Coimbatore	1	

	Tripura	Sepahijala Zoological Park	Sepahijala, Agartala	1
	Uttar Pradesh	Kanpur Zoological Park	Kanpur	1
	West Bengal	Alipore Zoological Garden	Kolkata	1
		Padmaja Naidu Himalayan Zoological Park	Darjeeling	1
Medium Zoo Total				27
Small Zoo	Andaman & Nicobar Islands	Biological Park, Chidyatapu	Port Blair	1
	Andhra Pradesh	Deer Park, Kandaleru	Kandaleru	1
	Arunachal Pradesh	Biological Park, Itanagar	Itanagar	1
	Chhattisgarh	Nandan Van Zoo	Raipur	1
	Goa	Bondla Zoo	Usgao	1
	Haryana	Rohtak Zoo	Rohtak	1
	Himachal Pradesh	Dhauladhar Nature Park	Gopalpur	1
		Himalayan Nature Park	Kufri	1
	Karnataka	Bellary Childrens Park-Cum-Zoo (Bellary Zoo)	Bellary	1
		Children Park & Zoo (Gadag Zoo)	Gadag	1
		Kittur Rani Cannamma Nisarg Dhama Mini Zoo	Belgaum	1
		Tiger & Lion Safari	Shimoga	1
	Kerala	Parassinikkadavu Reptile Park	Kannur	1
	Madhya Pradesh	Gandhi Zoological Park	Gwalior	1
	Maharashtra	Aurangabad Municipal Zoo	Aurangabad	1
		Maharajbag Zoo	Nagpur	1
		Mahatma Gandhi Rashtriya Udyan Zoo	Solapur	1
		Nisargakavi Bahinabai Choudhary Pranisanghalaya	Chinchiwad, Pune	1
		Sanjay Gandhi National Park And Zoo	Borivali	1
	Meghalaya	Nehru Park Zoo, Danakgre, Tura	Akhongini Tura	1
	Mizoram	Aizawl Zoo (Mizoram Zoo)	Aizwal	1
	Odisha	Indira Gandhi Park Zoo	Rourkela	1

		Kapilash Zoo	Dhenkanal	1
		Wild Animal Conservation Center	Mothijharan, Sambalpur	1
Punjab		Deer Park, Bir Moti Bagh (Patiala Zoo)	Patiala	1
		Ludhiana Zoo	Ludhiana	1
Rajasthan		Kota Zoo	Kota	1
		Marudhara Biological Park (Bikaner Zoo)	Bikaner	1
		Udaipur Zoo	Udaipur	1
Sikkim		Himalayan Zoological Park, Bulbuley	Gangtok	1
Tamil Nadu		Amirdhi Zoo	Vellore	1
		Chennai Snake Park Trust	Guindy, Chennai	1
		Kurumbapatti Zoological Park	Salem	1
Telangana		Vanavigyan Kendra, Hunter Road, Hanamkonda,	Warangal	1
Uttarakhand		Pt. Govind Ballabh Pant High Altitude Zoo	Nainital	1
West Bengal		Jhargram Zoo	Jhargram	1
		Marble Palace Zoo	Kolkata	1
		Ramnabagan Mini Zoo	Burdwan	1
Small Zoo Total				38
Mini Zoo	Andhra Pradesh	Deer Park, Chittoor Reserve Forest	Chittoor (East) Division	1
		Deer Park, NFCL Green Belt	Kakinada	1
		G.V.K. Industries Deer Park	Jegurupadu	1
	Arunachal Pradesh	Miao Mini Zoo	Miao	1
		Mini Zoo, Roing	Roing	1
	Assam	Bijni Deer Park	Bongaigaon	1
	Dadra & Nagar Haveli	Lion Safari - Vasona	Vasona	1
	Delhi	A.N.Jha Deer Park, Hauz Khas	Hauz Khas (New Delhi)	1
	Gujarat	Sir Peter Scott Nature Park	Jamnagar	1
		Sundervan Nature Discovery Centre	Jodhpur Tekra (Ahmedabad)	1
	Haryana	Deer Park, Hissar	Hissar	1

	Mini Zoo,Bhiwani	Bhiwani	1
	Mini Zoo,Pipli	Pipli	1
Himachal Pradesh	Renuke Mini Zoo	Sirmur	1
	Rewalsar Mini Zoo	Mandi	1
	Sarahan Phesantry	Sarahan	1
Jammu & Kashmir	Jammu Zoo	Ramnagar (Jammu)	1
	Kashmir Zoo	Srinagar	1
Jharkhand	Birsa Mrig Vihar	Kalimati	1
	Mugger Breeding Centre (Muta Zoo)	Muta	1
Karnataka	Deer Park At Shri Kshetra Sogal, Soudatti	Belgaun	1
	Deer Park, N.M.D.C.Ltd.	Donimalai	1
	Indira Priyadarshini Sangrahalaya, Anagodu	Davangere Taluk	1
	Mini Zoo A. M. Gudi Balvana	Chitradurga	1
	Mini Zoo At Gendekatte	Hassan	1
	Mini Zoo Cum Children Park	Gulbarga	1
	Namadachilume Deer Park	Tumkur	1
	Tungabhadra Dam Mini Zoo	Bellary	1
Kerala	Kodanadu Zoo	Kodanadu	1
	Lion Safari Park At Nayyar Dam (Nayyar Mini Zoo)	Thirunvananthapuram	1
	Snake Park, Malampuzha	Malampuzha	1
Madhya Pradesh	Zoological Park And Rescue Centre, Mukundpur	Satna	1
Maharashtra	Maharaja Shahaji Chhatrapati Zoo	Kolhapur	1
	Snake Park, Shikshan Mandal	Kolhapur	1
Meghalaya	Lady Hydari Park Animal Land (Meghalaya Zoo)	Shillong	1
Mizoram	Deer Park,Thenzawl	Thenzawl	1
Odisha	Deer Park, Papadahandi	Nawarangpur	1

	Gharial Research & Conservation Unit	Tikarpara	1
	H.A.L. Deer Park, Koraput	Sunabeda	1
	Harishankar Deer Park	Balangir	1
	Kuanria Deer Park, Nayagarh Forest Division	Nayagarh	1
	Municipality Deer Park	Cuttack	1
	Taptapani Deer Park	Parlakhemundi	1
Punjab	Deer Park, Bir Talab	Bhatinda	1
	Deer Park, Neelon	Ludhiana	1
Rajasthan	Deer Park, Shri Goverdhan Trust	Udaipur	1
	Panchwati Deer Park	Pilani	1
	Safari Park, Haridasji-Ki-Magri	Udaipur	1
Tamil Nadu	Nilgiri Mini Zoo And Breeding Centre	Tiruchirapalli	1
	Shivganga Garden Mini Zoo	Thanjavur	1
Telangana	Deer Park - Satyam Technology Centre	Ranga Reddy	1
	Deer Park, Kesoram Cement	Basant Nagar	1
	Deer Park, Jawahar Lake Tourist Complex	Shamirpet	1
	Himayat Sagar Mini Zoo	Ranga Reddy	1
	Karimnagar Deer Park	Karimnagar	1
	Kinnerasari Deer Park	Kinnerasari	1
	Pillalamarri Deer Park	Pillalamarri Complex, Mahabub Nagar	1
	Sanghi Deer Park	Sanghi Nagar	1
Uttar Pradesh	Nawabganj Deer Park	Unnao	1
	Sarnath Deer Park	Varanasi	1
	Van Prani Udyan, I.V.R.I.	Izatnagar, Bareilly	1
	Vinod Van Mini Zoo, Ramgarh (Gorakhpur Zoological Park)	Gorakhpur	1
Uttarakhand	Deer Park, Narain Tewari Dewal (Almora Zoo)	Almora	1

		Malsi Deer Park (Dehra Dun Biological Park)	Dehradun	1
West Bengal		Adina Deer Park	Malda	1
		Gar Chumuk (Ulughata) Deer Park	Howrah	1
		Kumari Kangsabuti Deer Park, Bonpakuria	Bonpakuria, Bankura	1
		Kunjanagar Eco-Park	Jalpaiguri	1
		Rasikbeel Mini Zoo	Cochbihar	1
		South Khairbari Leopard Safari And Rehabilitation Centre	Madarihat	1
		Purulia Mini Zoo, Purulia	Purulia	1
	Mini Zoo Total			
Circus	Gujarat	Great Golden Circus	Ahmedabad	1
	Kerala	Great Bombay Circus	Tillicherry	1
		Great Rayman Circus	Cochin	1
		Jamuna Circus	Raigarh	1
	Uttar Pradesh	Apollo Circus	Varanasi	1
		Great Apollo Circus	Hamirpur	1
		Rajmahal Circus	Hamirpur	1
	West Bengal	Ajanta Circus	Kolkata	1
		Asiad Circus	Kolkata	1
		Empire Circus	Kolkata	1
		Kohinoor Circus	Kolkata	1
		Natraj Circus	Kolkata	1
	Circus Total			
Rescue Center	Andhra Pradesh	Karuna Society For Animals And Nature-Rescue Centre	Dist. Anantapur	1
	Arunachal Pradesh	Centre For Bear Rehabilitation And Conservation	Pakke	1
	Assam	Centre For Wildlife Rehabilitation And Conservation	Golaghat	1
	Haryana	Hanuman Vatika-Rescue Centre	Gurgaon	1
		Vulture Conservation Breeding Center	Pinzore	1
		Wildlife Rescue Centre	Gurgaon	1
	Himachal Pradesh	Nehru Pheasantary	Manali	1

		Rescue And Rehabilitation Home	Tutikandi	1
	Karnataka	People For Animals - Rescue Centre	Bengaluru	1
	Maharashtra	Amtes Animal Ark	Gadchiroli	1
		Leopard Rescue Centre	Manikdoh	1
		People For Animals, Shelter House	Wardha	1
		Rescue Centre At Gorewada	Nagpur	1
	Uttar Pradesh	Agra Bear Rescue Facility	Agra	1
	West Bengal	Nature Park At Taratola Road	Kolkata	1
		Pugmarks - PFA Sanitketan Rescue Centre	Kolkata	1
Rescue Center Total				16
Grand Total				178

4.3 Conservation Breeding Programme

The Central Zoo Authority is coordinating a flagship programme of planned Conservation Breeding. 26 species has been prioritized out of total 73 identified critically endangered wild animal species under the programme in Indian zoos. The programme for 23 species has already been launched. Among these species, Mouse deer, Cheer pheasant, Hoolock gibbon, Blyth's Tragopan, Red panda and Vulture etc. are breeding well in the captivity.

Details of the financial assistance provided under the Conservation Breeding Programme for new and ongoing projects during the financial year 2015-16 is given below:

S. No.	Name of zoo	Species	Activity	Amount (Rs. in lakhs)
1.	Nehru Zoological Park, Hyderabad	Mouse Deer	Upkeep of animals, salary of Biologist, salary of animal keeper for maintenance of Conservation Breeding Centre	9.26
2.	Nehru Zoological Park, Hyderabad	Vulture	Upkeep of animals, salary of Biologist, salary of animal keeper	9.32

			for maintenance of Conservation Breeding Centre	
3.	Sepahijala Zoological Park, Agartala, Tripura	Phayre's langur	salary of Biologist, salary of animal keeper for maintenance of Conservation Breeding Centre	2.83
4.	Blyth's tragopan Conservation Breeding Centre, Kohima, Nagaland	Blyth's tragopan	Maintenance of Conservation Breeding Centre	21.32

Target is to have at least 100 properly bred and genetically, physically and behaviourally healthy individuals of each targeted species in captivity in India for proper display and as insurance for future exigencies & ultimately release back to wild.

Further, the Central Zoo Authority incorporated Padmaja Naidu Himalayan Zoological Park, Darjeeling as participating Zoo in Blyth's Tragopan Conservation Breeding programme.

The following is the detail of few species bred in the captivity during the last three years:

Snow Leopard (*Uncia uncia*)

YEAR	MALE	FEMALE	UNSEX	TOTAL
2013-2014	5	5	5	15
2014-15	4	10	0	14
2015-16	1	9	0	10

Red Panda (*Ailurus fulgens fulgens*)

YEAR	MALE	FEMALE	UNSEX	TOTAL
2013-2014	15	8	4	27
2014-2015	13	13	0	26
2015-2016	14	9	3	26

Lion – tailed macaque (*Macaca silenus*)

Year	Male	Female	Unsex	Total
2013-2014	27	25	8	60
2014-2015	27	25	9	61

2015-2016	9	7	4	20
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Western Tragopan (*Tragopan melanocephalus*)

Year	Male	Female	Unsex	Total
2013-2014	11	9	9	29
2014-2015	15	14	0	29
2015-2016	16	13	0	29

Cheer pheasant (*Catreus wallichii*)

Year	Male	Female	Unsex	Total
2013-2014	24	14	0	38
2014-2015	22	13	0	35
2015-2016	22	32	0	54

Mouse Deer (*Moschiola indica*)

Year	Male	Female	Unsex	Total
2013-2014	27	41	9	77
2014-2015	29	44	42	115
2015-2016	39	40	82	161

4.4 Exchange/Transfer of animals by zoos approved by CZA

During the financial year 2015-16, 57 exchange proposals of animals between Indian Zoos and 10 exchange proposals between Indian and Foreign Zoos have been approved by the Authority. Three exchange proposals between Indian Zoos have not been approved by the authority.

4.4.1 Exchange of animals between Indian Zoos

The 57 nos. of animal exchange proposals between Indian Zoos has been approved by the authority as per the details below:

	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given	
1.	Zoo and Rescue Centre, Mukundpur, District Satna, Madhya Pradesh	Van Vihar National Park – Zoo, Bhopal, Madhya Pradesh	
	---	White tiger (<i>Panthera tigris</i>) (Studbook No.ISISGAN: Mig 12-29697862)	0:1
	---	Sloth bear (<i>Melursus ursinus</i>)	1:1

			(Transponder No. Male-958000000297389; Female-958000000734391)	
2.	Nandan Kanan Biological Park, Bhubaneswar, Odisha		M.C. Zoological Park, Chhatbir, Punjab	
	Four horned antelope	2:2	Gaur (<i>Bos gaurus</i>)	1:1
	Water monitor lizard	2:2	--	--
	White ibis	2:2	--	--
3.	Thiruvananthapuram Zoo, Thiruvananthapuram		National Zoological park, New Delhi	
	Rhea	1:1	White tiger(<i>Panthera tigris</i>) (ISIS GAN MIG 12-29697865)	1:0
	Ostrich	1:0	--	--
	Brahmini kite	3:3	--	--
	Brown fish owl	1:1	--	--
	Barn owl	2:2	--	--
	Bonnet macaque	2:3	--	--
	Spectacled caiman	1:1		--
4.	NFCL Deer Park, Kakinada, East Godavari District, Andhra Pradesh		GVK Deer Park, Jegurupadu, East Godavari District, Andhra Pradesh	
	Pea fowl (<i>Pavo cristatus</i>)	0:1	---	---
5.	Pilikula Biological Park, Mangalore		Sakkarbaug Zoological Park, Junagadh	
	King cobra	1:1	Asiatic lion Male - (micro-chip No. 00-06B7-88D2, stud book No. 653) Female - (micro-chip No. 00-6B8-A3C2, stud book No. 700)	1:1
	Mouse deer	1:1	White spoonbill	1:2
	Vine snake	1:1	White peafowl	2:2
	Striped keelback	1:1	White ibis	1:1
	Whitaker's boa	1:1	Alexandrine parakeet	2:2
	Montane trinket snake	1:1	Lady Amherst's pheasant	1:1
	Indian black turtle	2:2	--	--
6.	Rajiv Gandhi Zoological Park & Wildlife Research Centre, Pune, Maharashtra		Amte's Animal Ark, Gadchiroli, Maharashtra	
	--	--	Malabar giant squirrel (<i>Ratufa indica</i>)	0:1
7.	Padmaja Naidu Himalayan Zoological Park, Darjeeling, West Bengal		Himalayan Zoological Park, Gangtok, Sikkim	
	Himalayan wolf (<i>Canis lupus</i>)	0:1	Red panda	0:1

	<i>himalayensis</i> (Studbook No.00049) (Transponder No.95600000216 1227) Captive bred F2 generation		<i>(Ailurus fulgens)</i>	
	Himalayan Tahr (<i>Hemitragus jemlahicus</i>) (Studbook No.N/A) (TransponderNo.PNHZPDARJA 053; PNHZPDARJA011) Captive bred F1 generation	1:1	--	--
8.	Madras Crocodile Bank Trust/Centre for Herpetology, Mamallapuram, Tamil Nadu		Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka	
	Gharial (<i>Gavialis gangeticus</i>); F1 generation	2:3	--	--
9.	Zoological Park and Rescue Centre, Mukundpur, Madhya Pradesh		Dhauladhar Nature Park, Gopalpur, Hamirpur Wildlife Division, Himachal Pradesh	
	--	--	Leopard (<i>Panthera pardus</i>) (wild origin)	2:2
	--	--	Himalayan black bear(<i>Ursus thibetanus</i>) (wild origin)	1:1
10.	Bannerghatta Biological Park, Bengaluru		Nahargarh Biological Park, Jaipur	
	Asiatic lion	0:1	Indian Wolf	0:2
11.	Nahargarh Biological Park, Jaipur		Sakkarbaug Zoo, Junagadh, Gujarat	
	Indian Wolf	2:3	Asiatic Lion (M&F-captive bred; Studbook No. M-767, F-737; transponder No. M-0001BC9CC2, F- 0006B73693)	1:1
	Gharial	1:1	--	--
12.	Zoological Garden, Alipore, Kolkata		Padmaja Naidu Himalayan Zoological Park, Darjeeling	
	Rat Snake	1:1	Nil	---
13.	Zoological Garden, Alipore, Kolkata		Assam State Zoo-cum-Botanical Garden, Guwahati	
	Striped Hyena	2:0	Slow loris	2:0
			Leopard cat	2:2
14.	Nahargarh Biological Park, Jaipur		Jodhpur Zoo(Machia Biological Park)	
	Gharial	1:1	Chinkara	2:4

	Jackal	1:1		
15.	Bharat Ratna Pt. G.B. Pant High Altitude Zoo, Nainital		Gandhi Zoological Park, Gwalior, Madhya Pradesh	
	Kalji Pheasant	2:2	Indian Peafowl	1:2
	Lady Amherst Pheasant	1:1	Cockatiel	5:5
16.	Van Vihar National Park Zoo, Bhopal		Sakkarbaug Zoo, Junagadh	
	Four Horned Antelope	1:0	Asiatic Lion (M-wild origin & F-captive bred; Studbook No.M-566,F-576; Transponder No.M-00065D7614; F-0006834524)	1:1
17.	Mini Zoo, Pipli, Haryana		Sakkarbaug Zoo, Junagadh	
	Kalij Pheasant	2:2	Asiatic Lion (M&F:captive bred; Studbook No. M-720; F-569; Transponder No. M-0006B8B293; F-0006BC9100)	1:1
	Red Jungle Fowl	2:4	--	--
18.	Machia Biological Park, Jodhpur		Sakkarbaug Zoo, Junagadh	
	Indian Wolf	1:1	Asiatic Lion (M&F-captive bred; Studbook No.M-768,F-770; Transponder No.M-0001BC8B5C, F-0006CBCB79)	1:1
19.	Rajiv Gandhi Zoological Park, Pune		Sakkarbaug Zoo, Junagadh	
	Amazon Parrot	1:1	Asiatic lion (Male is of F1 generation, Female is captive bred F3 generation; Studbook No. M-738, F-722; Transponder No. M-0006B72640, F-0006B77A11)	1:1
	Rainbow lorikeet	1:0	--	--
	Sulphur Crested Cockatoo	1:0	--	--
	Goffin Cockatoo	1:1	--	--
20.	Sakkarbaug Zoo, Junagadh		Lion Safari, Etawah	
	Asiatic lion (One wild male of studbook No.nil bearing Id 00-06B7-6624; One wild female of stud book No.694 bearing Id 00-6A2-A39A and one captive female of stud book No.771 bearing Id 00-06B8-A757)	--	--	----
21.	Sakkarbaug Zoo, Junagadh		Nawab Wazid Ali Zoological Garden, Lucknow	

	--	--	Sarus Crane	1:1
	--	--	Blue and Yellow macaw	0:0:1
22.	Sakkarbaug Zoo, Junagadh		Kanpur Zoological Park, Kanpur	
	--	--	One horned rhinoceros	1:0
	--	--	Zebra	0:1
	--	--	Hyena	1:0
23.	Zoological Garden Alipore, Kolkata		Indira Gandhi Park Zoo, Rourkela	
	Blue & Yellow macaw	2:1	Four-horned antelope	1:1
	Hill myna	2:1	--	--
24	Padmaja Naidu Himalayan Zoological Park, Darjeeling		Sanjay Gandhi Biological Park, Patna	
	Grey peacock pheasant	1:1	Jungle cat	0:1
25	Nahargarh Biological Park, Jaipur, Rajasthan		Mini Zoo, Pipli, Haryana	
	Gharial (<i>Gavialis gangeticus</i>)	1:3	--	---
26	Kamla Nehru Prani Sangrahalaya, Indore		Sakkarbaug Zoo, Junagadh	
	Indian Wolf	1:1	--	--
27	Aizawl Zoological Park, Aizawl		Sajjangarh Biological Park, Udaipur	
	Himalayan black bear	1:1	--	---
	Asian brown tortoise	4:4	--	---
28	Sundarvan Nature Discovery Centre, Ahmedabad		Madras Crocodile bank Trust/Centre for Herpetology, Mamallapuram	
	--	---	African slender snouted crocodile (<i>Mecistops cataphractus</i>)	0:2
29	Maitri Baag Zoo, Bhilai		Zoological Park and Rescue Centre, Mukundpur, Satna	
	White tiger (<i>panthera tigers</i>) (M&F – captive bred F2 generation; studbook Number (National/ International): Male – N.A./LBSN-20, female – N.A./LBSN-18; transponder No. Nil)	1:1	--	---
30	Aurangabad Municipal Corporation Zoo, Aurgangabad		Zoological Park & Rescue Centre, Mukundpur, Satna	
	Royal Bengal Tiger (Stud book No. M-0007155 DBA, F-00071539F8)4	1:1	--	---
31	Aurangabad Municipal Corporation Zoo (Siddharth Garden Zoo), Aurangabad		Amte's Animal Ark Rescue Centre, Hemalkasa	
	--	---	Leopard (<i>Panthera pardus</i>)	1:1:0
32	Kamla Nehru Prani Sangrahalay, Indore		Nehru Zoological Park, Hyderabad	

	Indian fox	1:1	--	--
	Hyena	1:1	--	--
	Indian wolf	0:1	--	--
33	Rajkot Zoological Park, Rajkot		Nawab Wajid Ali Shah Zoological Park, Lucknow	
	--	---	Ghariyal	2:2:0
34	Machia Biological Park, Jodhpur		Sakkarbaug Zoo, Junagadh	
	Indian Wolf	1:0	Asiatic Lion (M&F-captive bred; Studbook No. M-768, F-770; transponder No. M-0001BC8B5C, F-0006CBCB79)	1:1
35	Van Vihar National Park Zoo, Bhopal		Sakkarbaug Zoo, Junagadh	
	Four Horned Antelope	1:0	Asiatic Lion (M-wild origin & F-captive bred; Studbook No. M-566, F-576; transponder No. M-00065D7614; F-00006834524	1:1
36	Nehru Zoological Park, Hyderabad		Kanpur Zoological Park, Kanpur	
	Asiatic Lion	1:1	Barking Deer	1:1
	--	--	Crow Pheasant	2:2
37	Padmaja Naidu Himalayan Zoological Park, Darjeeling		Sanjay Gandhi Biological Park, Patna	
	Grey Peacock Pheasant (<i>Polyplectron bicalcaratum</i>)	1:1	Jungle cat (<i>Felis chaus</i>)	0:1
38	Nandankanan Zoological Park, Bhubaneswar		Zoological Garden, Alipore, Kolkata	
	Royal bengal tiger	1:2	Giraffe	1:0
	White tiger	1:0		
39	Arignar Anna Zoological Park, Chennai		Mahatma Gandhi Rashtriya Udyan, Solapur	
	White peafowl (<i>Pavo cristatus</i>)	1:1	--	--
40	Nehru Zoological Park, Hyderabad		Lucknow Zoo, Lucknow	
	--	--	Swamp Deer	2:2
41	Nehru Zoological Park, Hyderabad		Bhagwan Birsa Biological Park, Ranchi	
	Royal bengal tiger	1:1	Striped hyaena	1:1
			Leopard cat	1:1
42	Gandhi Zoological Park, Gwalior		Kanan Pendari Zoological Park, Bilaspur	
	Royal bengal tiger	0:1	Royal bengal tiger	0:1
	Barking deer	1:2	Wild boar	2:2
	--	--	Fox	1:1
43	Kamla Nehru Zoological Garden, Ahmedabad		Kanpur Zoological Park, Kanpur	
	Spoon bill	2:2	Plum headed parakeet	0:2

	Little cormorant	2:2	Common palm civet	3:3
	Rosy pelican	1:1	Striped hyena	1:1
	Rose breasted parakeet	2:2	--	--
	Duck comb	2:2	--	--
	Java sparrow	3:3	--	--
44	Jaipur Zoo (Nahargarh Biological Park), Jaipur, Rajasthan		Kanan Pendari Zoological Garden, Bilaspur, Chattisgarh	
	Sikka deer	1:2	Fox	1:2
	Gharial	2:2	Sloth bear	1:1
45	Sri Chamarajendra Zoological Gardens, Mysuru		Nawab Wazid Ali Shah Zoological Park, Lucknow	
	Hog deer	2:2	Swamp deer	2:2
	Silver pheasant	2:2	Rosy pelican	4:4
	Lady Amherst's pheasant	2:2	Hyena	0:1
	Black swan	1:1	--	--
	Rose ringed parakeet	1:1	--	--
46	Lion Safari Park, Neyyar Dam, Kerala		Sakkarbaug Zoo Junagadh	
	Giant squirrel	0:1	Asiatic Lion (M&F- captive bred; Studbook No. M-732, F-755; transponder No. M-0006B717D2, F-0006B71331)	1:1
47	Sundarvan Nature Discovery Centre, Ahmedabad		Madras Crocodile Bank Trust/Centre for Herpetology, Mamallapuram	
	--	--	African slender snouted crocodile (<i>Mecistops cataphractus</i>)	0:2
48	Nawab Wazid Ali Shah Zoological Park, Lucknow		Sri Renuka Ji Mini Zoo	
	Swamp deer	2:2	--	--
	Hog deer	1:2	--	--
	Spotted deer	2:2	--	--
49	Himalayan Nature Park, Kufri		Nawab Wazid Ali Shah Zoological Park, Lucknow	
	Cheer pheasant	1:3	--	--
	Kalij pheasant	1:1	--	--
	Himalayan black bear	1:0	--	--
50	Rescue & Rehabilitation home Tutikandi		Nawab Wazid Ali Shah Zoological Garden, Lucknow	
	Himalayan black bear	0:1	--	--
51	Nehru Zoological Park, Hyderabad		Kanan Pendari Zoological Garden, Bilaspur, Chhattisgarh	
	Mouse deer	2:2	Gharial	1:0

	--	--	Barking deer	1:2
52	Bharat Ratna Pt. G.B. Pant High Altitude Zoo, Nainital		Himalayan Nature Park, Kufri, Shimla	
	Lady Amherst Pheasant	1:1	Himalayan black bear	1:1
	Golden Pheasant	1:1	Monal	1:1
	--	--	Cheer pheasant	2:2
53	Nandankanan Zoological Park, Bhubaneswar		Madras Crocodile Bank Trust, Mamallapuram, Tamil Nadu	
	Water monitor lizard	1:3	Dwarf caiman crocodile	2:3
54	Nehru Zoological Park, Hyderabad		Assam State Zoo cum Botanical Garden, Guwahati	
	Mouse deer	3:3	Himalayan black bear	2:2
	Asiatic lion	1:1	Stump tailed macaque	1:1
55	Nehru Zoological Park, Hyderabad		Dr. Shyama Prasad Mukherjee Zoological Garden, Surat	
	Mouse deer	2:2	Smooth coated Indian otter	1:1
56	Sanjay Gandhi Biological Park, Patna		National Zoological Park, New Delhi	
	Greater one horned Rhinoceros (<i>Rhinoceros unicornis</i>) ('Ayodhya'; ZS No.R-Pat-13, IS No.202)	1:0	Greater one horned Rhinoceros (<i>Rhinoceros unicornis</i>) (Maheswari'; Local ID No. 10003)	0:1
	--	--	Manipuri deer/Sangai (<i>Rucervus eldii eldii</i>)	0:3
57	Nehru Zoological Park, Hyderabad		Mahendra Chaudhary Zoological Park, Chhatbir, Punjab	
	Sarus crane	1:1	Goral	1:1
	Mouse deer	2:2	Black buck (<i>Antelope cervicapra</i>) [Albino]	1:1
	Asiatic lion	0:1	Himalayan black bear	1:0
	--	--	Golden pheasant	1:1

4.4.2 Exchange proposal between Indian Zoos & Foreign Zoos

During the financial year 2015-16, ten exchange proposals between Indian and Foreign Zoos have been approved as per the details given in table below. Three exchange proposals between Indian and Foreign zoos have not been approved by the authority.

S.No.	Name of the Zoo and animals to be given	Name of the Zoo and animals to be given
1.	Indira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh	Israeli Primate Sanctuary Foundation, Jerusalem, Israel
	---	Chimpanzee
		1:2

			(<i>Pan troglodytes</i>)	
2.	Madras Crocodile Bank Trust/Centre for Herpetology, Mamallapuram, Tamil Nadu		Bangabandhu Sheikh Mujib Safari Park, Gazipur, Bangladesh	
	Mugger crocodile (<i>Crocodylus palustris</i>)	10:30	--	--
3.	Prague Zoo, Czech Republic		Sakkarbaug Zoo, Junagadh, India	
	Red necked Wallaby	2:3	Asiatic Lion	1:2
	African Caracal	1:2	--	--
	Blue & Yellow Macaw	1:1	--	--
	Scarlet Macaw	1:1	--	--
	Green Peafowl	1:2	--	--
4.	Padmaja Naidu Himalayan Zoological Park, Darjeeling		Dudley Zoo, England	
	--	--	Snow leopard (<i>Uncia uncia</i>)	1:0
5.	Zoo A Zemekzlin-Lesna, Czech Republic		Indira Gandhi Zoological Park, Vishakhapatnam	
	Red necked wallabys (<i>Macro pusruforgriseus</i>)	2:2	Painted stork (<i>Mycteria leucocephala</i>)	2:2
	Scarlet macaw (<i>Aramacao</i>)	1:1	Spot billed pelicans (<i>Pelecanus philippensis</i>)	2:2
	Military macaw (<i>Aramilitaris Mexicana</i>)	1:1	Grey jungle fowl (<i>Gallus sonneratti</i>)	1:1
	Black necked swan (<i>Cygnus melanocorphus</i>)	1:1	--	--
6.	Madras Crocodile Bank Trust, Mamallapuram		Bronx Zoo, New York, USA	
	Gharial	4:8	--	--
7.	Padmaja Naidu Himalayan Zoological Park, Darjeeling		Mulhouse Zoo, France	
	--	--	Snow Leopard (<i>Uncia uncia</i>)	1:0
8.	Sanjay Gandhi Biological Park, Patna		Krokodille Zoo, Ovstrupvej, Denmark	
	Gharial (<i>Ghavalis gangeticus</i>)	1:7	Royal python	1:2
	--	--	Rhino iguana	1:2
	--	--	Nile crocodile	1:2
9.	Zoological Society of London, United Kingdom (London Zoo and Whipnade Zoo)		Sakkarbaug Zoo, Junagadh, Gujarat	
	Ring tailed lemur	3:0	Asiatic lion	1:1
	Cheetah	1:1	--	--

	Plains zebra	1:1	--	--
10.	Zoological Society of London, United Kingdom (London Zoo and Whipsnade Zoo)		Kamla Nehru Zoological Garden, Ahmedabad	
	Ring tailed lemur (male: local id-G01325); (females: local id- 5435, 5438, 5441)	1:3	Hanuman langur (<i>Semnopithecus entellus</i>) (Identification numbers:- 0007155844, 0007150A42, 00071574CD)	0:3

4.5 Maintenance of Studbooks

The Central Zoo Authority is compiling the National studbooks/animal profiles of 45 identified wild animal species taken up under the Conservation Breeding Programme. The Wildlife Institute of India, Dehradun has already updated 21 studbooks out of the total 34 (existing 14 studbooks + 20 new species for developing new studbooks). The WII, Dehradun has submitted the annual progress report of the project for the 3rd Year.

To facilitate the scientific and coordinated conservation breeding of endangered species in zoos; the Central Zoo Authority has also compiled the National studbooks/animal profiles of around 45 species under the conservation breeding programme as per the list given below:

1. Asiatic lion (*Panthera leo*)
2. Binturong (*Arctictis binturong*)
3. Himalayan (Asiatic) brown bear (*Ursus arctos*)
4. Chinkara (*Gazella bennetti bennetti*)
5. Clouded leopard (*Panthera nebulosa*)
6. Golden langur (*Trachypithecus geei*)
7. Grey wolf (*Canis lupus pallipes*)
8. Hume's pheasant (*Syrnaticus humiae humaie*)
9. Indian Pangolin (*Lepus nigricollis*)
10. Lion-tailed Macaque (*Macaca silenus*)
11. Long-billed vulture (*Gyps indicus*)
12. Malayan sun bear (*Helacrtos malayanus*)
13. Nicobar Pigeon (*Caloenas nicobarica*)
14. Pig-tailed Macaque (*Macaca nemestrina*)
15. Red panda (*Ailurus fulgens fulgens*)
16. Serow (*Nemorhaedus sumatraensis*)
17. Smooth coated otter (*Luthra luthra*)
18. Spectacled leaf monkey (*Trachypithecus phayrei*)
19. Swamp deer (*Cervus duvauceli*)
20. Tibetan wolf (*Canis lupus laniger*)

21. Water monitor lizard (*Varanus salvator*)
22. White backed vulture (*Gyps benegalensis*)
23. Wild dog (*Cuon alpinus*)
24. Cheer pheasant (*Catreus wallichii*)
25. Chousinga or Four Horned Antelope (*Tetracerus quadricornis*)
26. Golden cat (*Pardofelis temminckii*)
27. Bhutan Grey peacock pheasant (*Polyplectron bicalcaratum*)
28. Himalayan monal (*Lophophorus impeyanus*)
29. Hoolock gibbon (*Hoolock leuconedys*)
30. Indian gaur (Bison) (*Bos gaurus*)
31. King cobra (*Ophiophagus Hannah*)
32. Malabar giant squirrel (*Ratufa indica*)
33. Mouse deer (*Tragulus meminna*)
34. Nilgiri langur (*Semnopithecus johnii*)
35. Red junglefowl (*Gallus gallus gallus*)
36. Rhinoceros One horned (*Rhinoceros unicornis*)
37. Slender-billed Vulture (*Gyps tenuirostris*)
38. Snow leopard (*Panthera uncia uncia*)
39. Stump-tailed (*Macaca arctoides*)
40. Manipur brow antlered deer (*Cervus eldi eldi*)
41. Bengal tiger (*Panthera tigris*)
42. Western tragopan (*Tragopan melanocephalus*)
43. Wild ass (*Equus hemionus khur*)
44. Himalayan tahr (*Hemitragus jemlahicus*)
45. Blue Sheep (*Pseudois nayaur*)

4.6. Improved Planning Process of Zoos

4.6.1 Master Plan

The Central Zoo Authority is assisting recognized zoos in finalization of Master Plans for detailed long-term future development. The Central Zoo Authority has received 165 detailed Master Plans as on 31st March, 2016. The CZA is also reviewing the previously granted approval for Master (Layout) Plans of 84 Zoos and Master Plan of the 41 Zoos to ensure the more insight of CZA for better development of the zoos.

During the current financial year, CZA has approved Master Plan of 4 Zoos as per details given below:

S. No.	Name of the Zoo
1.	Nehru Zoological Park, Hyderabad, Telangana
2.	Dr. Shivram Karanth Pillikula Biological Park, Mangalore, Karnataka
3.	Thiruvananthapuram Zoo, Thiruvananthapuram, Kerala
4.	Rescue Centre at Gorewada, Nagpur, Maharashtra

4.6.2 Master (layout) Plan

The Central Zoo Authority has also approved 18 Master (layout) plan of the following zoos till 31st March 2016:

S. No.	Name of the Zoo
1.	Almora Zoo, Almora, Uttarakhand
2.	Van Vigyan Kendra, Warangal, Telangana
3.	Dhauladhar Nature Park, Gopalpur, Himachal Pradesh
4.	Dr. Shyam Prasad Mukherjee Zoological Gardens, Surat
5.	Proposed Ambardi Wildlife Interpretation zone (Ambardi Safari Park), District Amreli, Gujarat (Revised)
6.	Lion Safari, Etawah (extension facilities viz. Safaris for Leopard, Sloth bear and Antelopes), Uttar Pradesh
7.	Himalayan Nature Park, Kufri, Himachal Pradesh (Revised)
8.	Thrissur Zoological Park - Wildlife Conservation & Research Centre, Puthur, Kerala (Revised)
9.	Deer Park, NFCL Green belt, Kakinada, Andhra Pradesh
10.	Mini zoo cum Deer and Tiger Safari, Bathinda, Punjab (Revised)
11.	Proposed International Zoo cum Safari, Haldwani (Zoological Park, Haldwani), Uttarakhand
12.	Shetakari Shikshan Mandal, Dholgarwadi, District Kolhapur, Maharashtra
13.	Amte's Animal Ark (Rescue Centre), Hemalkasa, Gadchiroli District, Maharashtra
14.	Malsi Deer Park, Dehradun, Uttarakhand
15.	Beechwal Biological Park (Re-location of Bikaner Zoo), Bikaner, Jaipur
16.	North Bengal Wild Animal Park, Siliguri, West Bengal
17.	Children's Park, Guindy, Tamilnadu
18.	Mini Zoo, Pipli, Haryana

5.0 Human Resource Development

The Central Zoo Authority has signed a Memorandum of Understanding (MoU) with Smithsonian National Zoological Park, U.S. America dated 17.03.2016 to promote joint educational and research projects in the field of zoological medicine and to implement a program for collaborative work in veterinary medicine and education.

5.1 Training, Workshops and Seminars:

- 5.1.1 The Central Zoo Authority in collaboration with Wildlife Institute of India, Dehradun organized a workshop on "Master Planning on Zoo Education" at Ahmadabad during 27-30th July, 2015 for Zoo Directors/Deputy Directors/Biologist/Education Curators working in various Indian Zoos. Altogether 30 officials across country participated & benefitted in the workshop.
- 5.1.2. The Central Zoo Authority in association with National Institute of Animal Welfare, Ballabgarh organized one week training programme for "Zoo keepers on Animal Welfare" during 14-18th September, 2015 at Ballabgarh wherein 12 zoo keepers were benefitted from various states.
- 5.1.3. The Central Zoo Authority in association with International Species Information System, USA organized two-day training programme on "Effective use of the Zoological Information Management System (ZIMS)" held during 26th-27th November, 2015 at Chandigarh. In total 28 Official/Zoo personnel benefitted from the programme including two officials from Nepal also.
- 5.1.4. The Member Secretary and DIG (HQ), Central Zoo Authority had participated in Annual Conference of World Association of Zoos and Aquariums (WAZA)-2015 at Al-Ain, United Arab Emirates during 11th-15th October, 2015.
- 5.1.5. The DIG(HQ), CZA had participated in the "Vulture Regional Steering Committee" meeting held at Kathmandu, Nepal on 20th November, 2015.

6.0 Research & Education

The Central Zoo Authority has approved a Report titled "Quantitative Evaluation of Large Zoos of India 2013-14" submitted by five expert members constituted to evaluate all the large zoos on pilot basis following revised questionnaire including measurable indices for finalization of grading of the Zoos and award/reward to the zoos for good performance by them.

7.0 Publications

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

1. Calendar for the year 2016 with theme "Environment Enrichment in Indian Zoos" which has been widely appreciated.
2. The publication of Annual "Inventory of animals in Indian Zoos 2014-15".
3. The Central Zoo Authority in collaboration with Association of Indian Zoo and Wildlife Veterinarians published a Hindi Book titled "Indian Endangered, Threatened and Rare and Marine mammals, Reptiles, Amphibians and Birds species".

8.0 Financial assistance to Zoos

The Central Zoo Authority received Rupees Nine crores and Eighty Eight lakhs (including for the development of zoos in North Eastern India) during the financial year 2015-16 as Grants-in-Aid from Ministry of Environment, Forest & Climate Change, Government of India. The entire grant was utilized to achieve its objectives & mandate broadly under the head of Development of zoos, Conservation Breeding, Rescue & Rehabilitation, Research and Training and Operational cost.

8.1 Improvement of zoos

During the financial year 2015-16, the Central Zoo Authority has released Rs 8,03,75,395 for improvement of zoos including the maintenance of the rescue centre, conservation breeding, research & trainings etc. as per the details given below:

Sl. No.	State	Name of the Zoos/Organizations	Purpose	Grant Released (in Rs)
1	Andhra Pradesh	Sri Venkateshwara Zoological Park, Tirupati	Rescue & Rehabilitation	35,23,000
2		Sri Venkateshwara Zoological Park, Tirupati	Rescue & Rehabilitation	45,45,000
3		Sri Venkateshwara Zoological Park, Tirupati	Rescue & Rehabilitation	13,55,000
4		Indira Gandhi Zoological Park, Vishakhapatnam	Rescue & Rehabilitation	24,19,000
5		Indira Gandhi Zoological Park, Vishakhapatnam	Rescue & Rehabilitation	35,18,000
6		Indira Gandhi Zoological Park, Vishakhapatnam	Rescue & Rehabilitation	12,12,000
7	Assam	Assam State Zoo cum Botanical Garden, Guwahati	Training & Workshop	32,35,000
8	Arunachal Pradesh	Itanagar Biological Park, Itanagar	Improvement of zoos	24,22,000
9	Bihar	Sanjay Gandhi Biological Park, Patna	Improvement of zoos	61,19,000
10	Karnataka	Bannerghatta Biological Park, Bengaluru	Rescue & Rehabilitation	47,82,000
11		Bannerghatta Biological Park, Bengaluru	Rescue & Rehabilitation	52,82,000
12		Bannerghatta Biological Park, Bengaluru	Rescue & Rehabilitation	33,69,000
13	Kerala	Parassinikkadavu Snake Park, Distt. Kannaur	Improvement of zoos	40,000
14	Madhya	Kamla Nehru Prani	Improvement of	2,00,000

	Pradesh	Sangrahalya, Indore	zoos	
15	Maharashtra	Aurangabad Municipal Corporation Zoo	Improvement of zoos	1,20,000
16	Manipur	Manipur Zoological Garden, Imphal	Improvement of zoos	43,68,000
17		Manipur Zoological Garden, Imphal	Improvement of zoos	40,30,000
18	Mizoram	Aizawl Zoological Park, Aizawl	Improvement of zoos	1,00,023
19	Nagaland	Nagaland Zoological Park, Rangapahar	Improvement of zoos	53,70,000
20		Nagaland Zoological Park, Rangapahar	Improvement of zoos	51,82,000
21		Nagaland Zoological Park, Rangapahar	Conservation Breeding	15,00,000
22		Nagaland Zoological Park, Rangapahar	Conservation Breeding	6,32,000
23	Odisha	Nandankanan Zoological Park, Bhuwaneswar	Improvement of zoos	15,00,000
24	Rajasthan	Nahargarh Biological Park, Jaipur	Rescue & Rehabilitation	6,98,500
25		Nahargarh Biological Park, Jaipur	Rescue & Rehabilitation	20,04,500
26		Nahargarh Biological Park, Jaipur	Rescue & Rehabilitation	6,94,000
27	Telangana	LaCONES, CCMB, Hyderabad	Research	6,00,000
28		Nehru Zoological Park, Hyderabad	Conservation Breeding	9,32,000
29		Nehru Zoological Park, Hyderabad	Conservation Breeding	6,86,372
30		LaCONES, CCMB, Hyderabad	Research	12,00,000
31	Tamil Nadu	Arignar Anna Zoological Park, Vandalur	Rescue & Rehabilitation	23,85,000
32		Arignar Anna Zoological Park, Vandalur	Rescue & Rehabilitation	27,85,000
33		Arignar Anna Zoological Park, Vandalur	Rescue & Rehabilitation	19,57,000
34	Uttar Pradesh	President, IZWA, Bareilly	Research	85,000
35	Uttarakhand	Wildlife Institute of India, Dehradun	Research	9,63,000
36	West Bengal	Padmaja Naidu Himalayan Zoological Park, Darjeeling	Research	2,93,500
37		Padmaja Naidu Himalayan Zoological Park, Darjeeling	Research	2,68,500
TOTAL				8,03,75,395

8.2 Grants released to Rescue Centres

During the year 1998, after the constitution of the Central Zoo Authority in the year 1992, the initiatives to prepare the zoos for effective conservation education and planned breeding of endangered species were being taken in a planned manner by authority. Simultaneously the notification, dated 14th Oct 1998, by the Government of India for banning display of lions, tigers, leopards, bears and monkeys in the circus with a basic objective of imposing the ban was to provide congenial upkeep, housing and healthcare to these animals keeping with the spirit of National Zoo Policy. Central Zoo Authority had to assume this responsibility. The number of lions, tigers, leopards, bears and monkeys at that point of time was 375, 96, 21, 37 and 20 respectively. Assuming the responsibility of housing it was an immense task; as such a large number could not be accommodated in the existing housing facilities of the zoos.

Keeping in view Government agreed to create designated rescue facilities for these animals and requisite allocations were made in the budget of Central Zoo Authority in the year 1999-2000. After finalizing the designs, seven centres at Bangalore, Chennai, Tirupati, Vishakhapatnam, Bhopal, South Khairbari and Jaipur were created as life time facility for these animals & thereon the Central Zoo Authority is continuously providing financial grant of feeding, upkeep and health care to these animals and at the same time to ensure compliance of the prescribed standards and norms pertaining to sanitation, hygiene and effective administration of prophylactic medicines by the respective zoos.

Now the number of lions & tigers has come down to 137 and 31 respectively. During the financial year 2015-16, the Central Zoo Authority has provided an amount of Rs. 405.29 lakhs for upkeep, feed and medicine etc. to five (out of total seven) rescue centres as per the following detail:

S. No.	Location of Rescue Centres	Amount in Rs.
1.	Sri Venkateshwara Zoological Park, Tirupati	94,23,000
2.	Indira Gandhi Zoological Park, Vishakhapatnam	71,49,000
3.	Bannerghatta Biological Park, Bengaluru	1,34,33,000
4.	Nahargarh Biological Park, Jaipur	33,97,000
5.	Arignar Anna Zoological Park, Vandalur, Chennai	71,27,000
	Total	4,05,29,000

8.3 Accounts and Audits:

The final audit of the accounts of the Central Zoo Authority was conducted by the Principal Director of Audit, Scientific Department of CAG, Govt. of India. Income & Expenditure Accounts and Balance Sheet as on 31st March, 2016 with schedules is placed at **Annexure I & II.**

Annexure-I**FORM OF FINANCIAL STATEMENTS
(NON-PROFIT ORGANISATIONS)****Name of Entity CENTRAL ZOO AUTHORITY
BALANCE SHEET AS ON 31.03.2016**

(Amount in ₹)

CORPUS/CAPITAL FUND AND LIABILITIES	Schedule	Current Year	Previous Year
Corpus/Capital Fund	1	55,65,576	1,25,54,451
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	7,19,816	2,25,536
TOTAL		62,85,392	1,27,79,987
ASSETS			
Fixed Assets	8	38,91,620	30,41,201
Investments- From Earmarked/Endowment Funds	9	-	-
Investments-Others	10	-	-
Current Assets, Loans, advances Etc.	11	23,93,772	97,38,786
Miscellaneous Expenditure(to the extent not written off or adjusted)			
TOTAL		62,85,392	1,27,79,987
Significant Accounting Policies	24		
Contingent Liabilities and Notes on Accounts	25		

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
INCOME & EXPENDITURE ACCOUNT
FOR THE YEAR ENDED ON 31.03.2016**

(Amount in ₹)

INCOME	Schedule	Current Year	Previous Year
Income from Sales/Services	12		
Grants/Subsidies	13	10,01,53,757	295,629,900
Fees/Subscriptions	14	4,95,000	2,62,23,478
Income from Investments (Income on Investment From Earmarked/Endow.) Funds transferred to Funds	15	-	-
Income from Royalty, publication etc.	16	-	-
Interest Earned	17	7,124	8,000
Other Income	18	7,450	3,665
TOTAL (A)		10,06,63,331	32,18,65,043
EXPENDITURE			
Increase/Decrease in stock of finished goods & Work-in-progress	19	-	-
Establishment Expenses	20	10,901,821	12,835,235
Other Administrative Expenses etc.	21	21,988,161	72,437,053
Expenditure on Grants, Subsidies etc.	22	7,37,30,395	22,78,90,000
Interest	23	-	-
Depreciation (Net Total at the year-end -Schedule 8)	8	1,043,226	686,189
TOTAL (B)		10,76,63,603	31,38,48,477
Excess of Income over Expenditure (A-B)		(70,00,272)	80,16,566
Transfer to Special Reserve (Specify each)		-	-
Transfer to/from General Reserve		-	-
Balance Being Surplus Carried to Corpus/Capital Fund		(70,00,272)	80,16,566
Balance Being Deficit Carried to Corpus/Capital Fund		-	-
Significant Accounting Policies	24		
Contingent Liabilities and Notes on Accounts	25		

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
RECEIPTS AND PAYMENTS FOR THE PERIOD/YEAR ENDED 31.03.2016**

(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)	10409,380	12,835,235
(i) Imprest	15,000	15,000			
(b) Bank Balances	-	-	(b) Administrative Expenses (corresponding to Schedule 21)	1,41,08,276	18,098,137
(i) In current accounts	34,29,511	11,75,991			
(ii) In deposit accounts	-	-			
(iii) Savings accounts	-	-			
II. Grants Received			II. Payments made against funds for various projects		
(a) From Government of India	98,8,00,000	295,000,000	(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) - Countries For SAAR	-	-	(a) Grants-in-aid to Zoos	7,37,30,395	22,78,90,000
(Grants for capital & revenue exp.	-	-	(b) Monitoring & Evaluation of Zoos	7,20,693	6,06,001

To be shown separately)					
			(c) Research Projects	34,10,000	1,13,20,060
			(d) Training, Workshop Conference	37,53,714	59,37,564
			(e) Expenses on WAZA Conferences	-	3,59,34,959
			(f) Education & Awareness	-	-
			(g) Exgratia payment to closed mobile zoos	-	-
			(h) Transportation of Animals	-	-
III. Income on investements from			III. Investments & Deposits made		
(a) Earmarked/Endow Funds	-	-	(a) Out of Earmarked/Endowment funds	-	-
(b) Own Funds (Oth. Investment)	-	-	(b) Out of own funds (Investments- Others)	-	-
IV. Interest Received			IV. Expenditure on fixed Assets & capital work-in-progress		
(a) On bank deposits	-	-	(a) Purchase of fixed assets	18,94,271	14,79,369
(b) Loans, Advances etc.	-	-	(b) Expenditure on capital work-in-progress Advance to NICSI	-	-
V. Other Income (Specify)			V. Refund of surplus money/loans		
Fees received from Zoos with Application of Recognition	510,000	390,000	(a) to the Government of India	-	-
Fees received from Application under RTI	2,976	3,665	(b) to the State Government	-	-
Seminar/Progra	-		(c) to other		-

m fees (WAZA Registration Fees)		25,823,478	providers of funds	-	
VI. Amount Borrowed	-	-	VI. Finance Charges (Interest)	-	-
VII. Any other receipts (give details)			VII Other Payments (Specify)		
(a) Misc. Receipts	2,677	-	(a) Payment of TDS	11,56,334	23,93,868
(b) Unspent balance of Gr. In Aid refunded by Zoos/CPWD	13,53,757	6,29,900	(b) Security Deposit (Released)	10,000	74,609
(c) Interest on Car/Scooter Adv.	7,124	11,536	(c) Amount adjustable (By other deptt.) - NBWL Meeting Exp.	-	-
(d) Security deposit	15,000	59,609	(d) Staff advances	22,500	61,500
(e) Recovery of Advances	60,86,723	-	(e) Payment to other Depatt, (Recoveries from pay bills)	18,69,859	13,20,140
(f) Recovery of TDS	11,56,334	23,93,868	(f) Advance Payment for Purchases	26,436	-
(g) Staff Advance recovery	1,10,556	1,22,356	(g) Payment for Wild Life Week Celebration	6,42,091	6,91,012
(h) License fee	-	-	(h) Payment to CPWD for Renovation	10,53,750	55,38,100
(i) Recovery from pay bills, adjustable by other Departments	18,69,859	13,20,140	(i) Payment to Prepaid Expenses	-	23,690
(j) Sale proceed of assets	5,600	12,200	(j) Refund of Fees received from Zoos with Application of Recognition	15,000	
(k) Unspent GIA	-	-	(k) Refund of Fees received from Application under	500	

			RTI		
(l) Remittance of Leave salary and pension contribution	-	-			
(m) Receipt for Expenses on behalf of other Organizations	-	-			
- Wild Life Week Celeb.	6,47,650	6,91,012			
- Reg. fee for Waza	-	-			
(n) Expenses Reimbursable by MOEF	-	-			
(o) Remittance of Supperannuation and PPF Contribution of Deputationist	-	-	VIII. Closing Balances		
(p) Refund of Telephone Security	-	-	(a) Cash in Hand		
			Imprest	15,000	15,000
			(b) Bank Balances	-	-
			(i) In current accounts	11,74,568	34,29,511
			(ii) In deposit accounts	-	-
			(iii) Savings accounts	-	-
TOTAL	11,40,12,767	32,76,48,755	TOTAL	11,40,12,767	32,76,48,755

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2016

SCHEDULE 1 - CORPUS/CAPITAL FUND

(Amount in ₹)

SCHEDULE 1 - CORPUS/CAPITAL FUND	Current Year	Previous Year
Balance as at the beginning of the year	1,25,54,451	45,06,885
Add: Contributions towards Corpus/CZA Fund	-	-
Add: Balance of net income- Transferred from the Income and Expenditure Account	(70,00,272)	80,16,566
Deduct: Balance of net income- Transferred from the Income and Expenditure Account	-	-
Add: Short/Excess Provisions / Prior Period Items	11,397	31,000
TOTAL	55,65,576	1,25,54,451

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON **31.03.2016**

SCHEDULE 2 -RESERVES AND SURPLUS

(Amount in ₹)

SCHEDULE 2 -RESERVES AND SURPLUS:	Current Year		Previous Year	
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 ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2016

SCHEDULE 3 - EARMARKED/ ENDOWMENT FUNDS

(Amount in ₹)

SCHEDULE 3 - EARMARKED/ ENDOWMENT FUNDS	FUND-WISE BREAK UP			TOTALS		
	Fund ww	Fund xx	Fund yy	Fund zz	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)	-	-	-	-	-	-
c) Utilization/Expenditure towards objectives of funds						
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 ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2016

SCHEDULE 4 - SECURED LOANS AND BORROWINGS

(Amount in ₹)

SCHEDULE 4 - SECURED LOANS AND BORROWINGS:	Current Year		Previous Year	
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		-		-

Note: Amount due within one year

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON **31.03.2016**

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	-	-

Note: Amount due within one year

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2016**

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	-	-

Note: Amount due within one year

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON **31.03.2016**

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.)	-	3,536
a) Secured Loans/borrowings	-	-
b) Unsecured Loans / Borrowings	-	-
4. Other current Liabilities	-	-
(i) Unspent Grants-in-Aid	-	-
(ii) Unspent amount of Wild Life Week Celebration	5,559	-
(iii) Security Refundable	70,000	75,000
TOTAL (A)	2,22,559	2,25,536
B. PROVISIONS		
1. For Taxation	-	-
2. Gratuity	-	-
3. Superannuation/Pension	-	-
(i) Contribution to supperannuation scheme	-	-
4. Accumulated Leave Encashment	-	-
5. Trade Warranties/Claims	-	-
6. Others (Specify) - Salary Payable	1,99,551	-
7. Telephone Charges Payable	-	-
8. Leave salary & Pension Contribution	2,97,706	-
9. TA Operational Payable	-	-
10. Audit Fees Payable	-	-
11. Photocopy Expenses Payable	-	-
12. OTA Payable	-	-
TOTAL (B)	4,97,257	-
TOTAL (A+B)	7,19,816	2,25,536

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON **31.03.2016**

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)		Deductions during the year (c)	Cost/value at the year end (d)	Depre- cation Rate % (e)	On assests beginning of the year (f)	On additions during the year (g)		On Deductions 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
		04/15-09/15	10/15-03/16					04/15-09/15	10/15-03/16				
Tangible Assets													
Computer/peripherals	2,66,449	3,32,865	9,787	626	6,08,475	60	1,59,869	1,99,719	2,936	375	3,62,149	2,46,326	2,66,449
Furniture, Fixtures	5,69,319	15,36,769	-	-	21,06,088	10	56,932	1,53,677	-	-	2,10,609	18,95,479	5,69,319
Office equipment	4,61,621	-	14,850	-	4,76,471	15	69,245	-	1,114	-	70,359	4,06,112	4,61,621
Vehicle	3,58,445	-	-	-	3,58,445	15	53,767	-	-	-	53,767	3,04,678	3,58,445
Intangible Assets													
Computer Software	13,85,367	-	-	-	13,85,367	25	3,46,342	-	-	-	3,46,342	10,39,025	13,85,367
TOTAL FOR THE CURRENT YEAR	30,41,201	18,69,634	24,637	626	49,34,846		6,86,155	3,53,396	4,050	375	10,43,226	38,91,620	30,41,201
PREVIOUS YEAR	14,61,501	5,31,332	21,14,207	4,20,140	36,86,900		2,00,801	2,09,512	2,75,876	40,490	6,45,699	30,41,201	14,61,501

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2016**

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 ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2016**

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 ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON **31.03.2016**

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	11,74,568	34,29,511
- 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)	11,89,568	34,44,511

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF BALANCE SHEET AS ON **31.03.2016**

SCHEDULE 11 –CURRENT ASSETS, LOANS, ADVANCES ETC.

(Amount in ₹)

	Current Year	Previous Year
B. LOANS, ADVANCES AND OTHER ASSETS:		
1. Loans:		
a) Staff	5,84,311	6,72,367
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	-	-
a) On Capital Account	-	-
b) Advance Payment for Purchases	26,436	-
Expenses Reimbursable by MOEF	-	-
Advance Payment to NISCI for Computer Software	-	-
Advance Payment to CPWD for Renovation	5,05,127	55,38,100
Petrol Account	5,000	5,000
Prepaid Expenses	15,570	23,690
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 – Rs.)	-	-
4. Claims Receivable	-	-
5. Stock of Stationery	67,760	55,118
TOTAL (B)	12,04,204	62,94,275
TOTAL (A + B)	23,93,772	97,38,786

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2016**

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 ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT FOR THE
PERIOD/YEAR ENDED 31.03.2016

SCHEDULE 13 - GRANTS/SUBSIDIES

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 13 - GRANTS/SUBSIDIES		
(Irrevocable Grants & Subsidies Received)		
1. Central Government	9,88,00,000	29,50,00,000
2. State Government(s)	-	-
3. Government Agencies	-	-
4. Institutions/Welfare Bodies	-	-
5. International Organisations	-	-
6. Others (Specify) - - Grant from SAARC	-	-
Total	9,88,00,000	29,50,00,000
Unspent balance of last years	-	-
Unspent balance of Grant in Aid refunded by Zoos during the year 2015-16	13,53,757	6,29,900
GRAND TOTAL	10,01,53,757	29,56,29,900

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2016

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 (WAZA Registration Fees)	-	2,58,33,478
4. Consultancy Fees	-	-
5. Others (Specify)	-	-
(i) Received from Zoos with application for Recognition/ Renewal	4,95,000	3,90,000
TOTAL	4,95,000	2,62,23,478

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2016**

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 ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2016**

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 ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2016**

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	-	-
b) With Non-Scheduled Bank	-	-
c) Post Office Saving Account	-	-
d) Others	-	-
3. On Loans:		
a) Employees/Staff	7,124	8,000
b) Others	-	-
4. Interest on Debtors and Other Receivables	-	-
TOTAL	7,124	8,000

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2016**

SCHEDULE 18 - OTHER INCOME

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 18 - OTHER INCOME		
1. Profit on Sale/disposal of Assets :	4,974	-
a) Owned Assets	-	-
b) Assets acquired out of grants, or received free of cost	-	-
2. Export Incentives realized	-	-
3. Fees for Miscellaneous Services (RTI)	2,476	3,665
4. Miscellaneous Income	-	-
Total	7,450	3,665

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES 20 FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2016**

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 ORGANISATIONS)

Name of Entity **CENTRAL ZOO AUTHORITY**
SCHEDULES 20 FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2016

SCHEDULE 20 - ESTABLISHMENT EXPENSES

(Amount in ₹)

	Current Year	Previous Year
SCHEDULE 20 - ESTABLISHMENT EXPENSES		
a) Salaries and Wages	1,00,17,915	1,16,64,173
b) Allowances and Bonus	27,632	24,178
c) Contribution to Provident Fund	-	-
d) Contribution to Other Fund (specify)		
Superannuation Scheme	3,66,029	3,03,806
e) Staff Welfare Expenses	2,19,404	4,33,169
f) Expenses on Employees' Retirement & Terminal Benefits	-	-
g) Others (specify)		
Leave Salary & Pension Contributions	2,70,841	4,09,909
TOTAL	1,09,01,821	1,28,35,235

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2016**

SCHEDULE 21- OTHER ADMINISTRATIVE EXPENSES ETC.

(Amount in ₹)

	Current Year	Previous Year
a. Purchases (Stationary)	1,79,588	2,84,216
b. Conveyance and Cartage	37,897	54,942
c. Repairs and maintenance (General + Computer)	63,667	1,07,746
d. Vehicles Running Expenses	1,40,709	2,63,000
e. Vehicals Maintenance	58,118	2,02,023
f. Postage, Telephone and Communication Charges	2,08,114	3,51,690
g. Printing, Publication and Periodicals	6,56,901	10,52,030
h. Travelling Expenses	17,01,394	24,65,235
i. Legal & Professional Expenses	39,885	40,085
j. Hospitality Expenses	51,505	24,843
k. Advertisement and Publicity	1,30,939	7,31,028
l. Audit Fees	-	-
m. Others (specify)	-	-
n. Bank Charges	-	3,466
o. Other Expenses#	4,71,551	2,90,316
p. Membership fees	2,78,931	26,84,882
q. Rent, Rates & Taxes	52,16,748	95,68,517
r. Dificit on sale of unusable assets/Disposal of Assets	-	3,67,450
s. Repairs and maintenance of Building	48,67,807	
Total (I)	1,41,03,754	1,84,91,469
II. Payments Against Various Projects		
Expenses on Training, Workshop & Conferences	37,53,714	59,37,564
Expenses on WAZA Conferences	-	3,60,81,959
Expesnes on Research Projects	34,10,000	1,13,20,060
Monitoring & Evaluation Of Zoos	7,20,693	6,06,001
Ex-Gratia Payment to closed Mobile Zoos	-	-
Transportation Of Animals	-	-
Total (II)	78,84,407	5,39,45,584
III. Unspent balance of GIA refundable to Ministry	-	-
TOTAL (I+II+III)	2,19,88,161	7,24,37,053

Other Expenses included the Rs 106306/- paid to the shifting of office during the current year

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE
FOR THE PERIOD/YEAR ENDED 31.3.2016**

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/ Organisations		
Grant released to various zoos	7,37,30,395.00	22,78,90,000.00
Unspent grants-in-aid refundable to ministry	-	-
b. Subsidies given to Institutions/ Organisations	-	-
TOTAL	7,37,30,395.00	22,78,90,000.00

FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE PERIOD/YEAR ENDED 31.03.2016**

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 ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31.03.2016**

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 ORGANISATIONS)

**Name of Entity CENTRAL ZOO AUTHORITY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31.03.2016**

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, 2016 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 necessary adjustment as regard to closing stock of inventories as on 31.03.2015 has been carried out and has been taken as opening stock during the year 2015-16 making the corresponded adjustment in Capital fund.

Separate Audit Report on the Accounts of Central Zoo Authority, for the year ended 31 March, 2016

1. We have audited the attached balance sheet of Central Zoo Authority (CZA), as on 31 March 2016, the Income & Expenditure Account and the Receipts & Payment 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 38G 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, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regards to compliance with the Law, Rules & Regulations (Property and Regulatory) 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 misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing and 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 Receipt & Payment 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 38G of the Wildlife (Protection) Act, 1972 in so far as it appears from our examination of such books.

(iv) We further report that:

A) Balance Sheet

Fixed Assets-(Schedule-8)-Rs. 38.92

All works in progress which have been completed during 2015-16 should be capitalized all included in fixed assets. Electrical works which were completed during 2015-16 at the cost of ₹ 18.92 lakh have not been depicted in Schedule-8-Fixed Assets instead it was charged to Income & Expenditure Account. No depreciation was also charged on it. Thus, fixed assets were understated by ₹ 18.92 lakh and Expenditure was overstated to the same extent.

B) Income & Expenditure Account

As per Schedule 13-Grants/Subsidies and amount of ₹ 1001.54 lakh was shown as received and taken into "Income and Expenditure Account" as income during the year. However, this amount includes ₹ 13.54 lakh which was unspent balances of Grant-in-aid refunded by zoos during 2015-16. However, ₹ 13.54 lakh refunded by zoos during 2015-16 was not revalidated and remained with CZA which needs to be refunded back to the controlling Ministry i.e. MoEF&CC. Hence, the above discrepancy in the Income and Expenditure Account. This has resulted in overstatement of Income by ₹ 13.54 lakh and understatement of Liabilities to the same extent.

C) General

1. The Authority has not made the provision of Retirement Benefits viz Gratuity, Superannuation/Pension and Leave encashment on actuarial basis which is in contravention of AS15.
2. The Grant-in-Aid register was not found maintained in "Form GFR-39" and the same was also not maintained properly. The total amount ₹ 7,68,52,395 was shown in grant-in-aid register but after verification the amount was found to be ₹ 8,03,75,395. This needs to be reconciled.
3. Cheques amounting to ₹ 2.45 lakh were issued but not debited in Bank accounts and these payments were outstanding as on 31st March 2016. Out of these 29 cheques amounting to ₹ 1000 and ₹ 500 were pending since July 2015 and September 2015 respectively.

D) Grant-in-Aid:

During the year 2015-16, CZA received grants in aid of ₹ 988.00 lakh, ₹ 5.10 lakh as fee subscription & other income during 2015-16 beside ₹ 13.54 lakh as unspent balance of previous years. Out of total income of ₹ 1006.64 lakh, for the current year the authority expended ₹ 1076.64 lakh resulting excess of expenditure over income of ₹ 70.00 lakh.

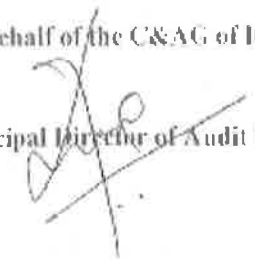
E) Management letter

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/corrective action.

- (i) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.
- (ii) 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 above and other matters mentioned in the Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India.
 - a. In so far as it relates to the Balance Sheet of the State of affairs of the CZA, as at 31st March, 2016 and

b. In as far as it relates to Income & Expenditure Account of the deficit for the year ended on that date.

For and on behalf of the C&AG of India


Principal Director of Audit (SD)

Place: New Delhi

Date: 31/8/16

ANNEXURE II

1. Adequacy of Internal Audit System:

- i) There is no internal audit wing in Central Zoo Authority.
- ii) Internal audit of the CZA has been conducted upto 2010-12 by the PAO, MoEF&CC AND 24 Paras were outstanding as on 31.03.2016.

2. Adequacy of the Internal Control System: The Internal Control System of Central Zoo Authority is inadequate due to following deficiencies:

- (i) The Board Sheets to monitor the recovery of long ter advances was not maintained.
- (ii) The Expenditure Control Register to ensure the expenditure under various heads remained with in the budget allocations was not maintained resulting in excess expenditure over budget.
- (iii) TA/LTC, Works Control Register and Register of Contracts were not maintained.
- (iv) Consumable and non-consumable items were being purchased and issued without requisition/demand application.
- (v) No Internal audit was conducted after 2011-12.
- (vi) Utilization Certificate for ₹ 1167.28 were awaited as on July 2016 from 47 zoos and assets created out of grant were not furnished.

3. System of Physical Verification of Inventory

Physical verification of stationary and consumable items has been conducted upto 31.03.2016.

4. System of Physical Verification of assets

Physical verification of Assets has been conducted.

5. Regularity in Payment of Statutory dues:

The Central Zoo Authority was regular in depositing statutory dues.

24/11 31/3/16.
Director (EA)



CENTRAL ZOO AUTHORITY

केन्द्रीय चिड़ियाघर प्राधिकरण

(A Statutory Body under the Ministry of Environment, Forest & Climate Change,
Government of India)

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