

Siddharth Garden Aurangabad Municipal Corporation Zoo

Aurangabad
Maharashtra



Annual Report 2017-18



AURANGABAD MUNICIPAL CORPORATION

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1. REPORT OF THE OFFICER-IN-CHARGE

Siddharth Garden Aurangabad Municipal Corporation Zoo is run by Aurangabad Municipal Corporation. Its Master Plan was approved in Dec. 2014. AMC has planned to modernize this zoo as per the standards laid by CZA. This zoo is trying to overcome some constraints for funding and vacant posts necessary for essential services in zoo. Management of zoo initiated implementation of Master Plan for upkeep of zoo and for filling the vacant posts. We plan to keep this zoo well maintained up to 2024 subsequently it will be relocated at a new site at Mitmita. This zoo will be relocated to a large area of 100 acres at Mitmita Gut No.307, which is 6 Km. away from the city. Plantation at new site has been started and we have initiated the procedure for preparation of Master Plan. Presently two tasks are taken in hand by this zoo; first is to implement the approved Master Plan of the zoo and second is to prepare Master Plan for the new site at Mitmita.

This zoo is unique in Marathwada region and is a major attraction of viewers as Aurangabad city is a tourist destination. Cleanliness of this zoo, good health of animals, adequate public amenities and public awareness along with zoo education activities has made this zoo popular among visitors. Last year over 5, 18, 300 tourists visited this zoo and the number of visitors is increasing every year. This annual report gives in brief various facts of the zoo which I hope will enthuse the visitors towards preservation and protection of wildlife. The staff of Siddharth Garden Aurangabad Municipal Corporation Zoo is dedicated to the protection of wildlife and their work is of exemplary nature. I would like to thank Dr. Nipun Vinayak, Commissioner Aurangabad Municipal Corporation and Shri Nandkumar Ghodele, city Mayor who have left no stone unturned in making this zoo a prime tourist attraction with the present resources they have at hand.

With lot of conviction and zeal we move towards to etch a name for Siddharth Garden Aurangabad Municipal Corporation Zoo in the field of management and conservation of endangered fauna in captivity.

Dr. B.S. Naikwade

Director Siddharth Garden Aurangabad Municipal Corporation Zoo



2. HISTORY OF THE ZOO

Aurangabad Municipal Corporation established a small zoo during the year 1984, which was named Siddhartha Garden Aurangabad Municipal Corporation Zoo. This Zoo is located in the heart of the city near central Bus stand. The geographic location of this zoo is $19^{\circ} 52' 46''$ N, $75^{\circ} 18' 57''$ E, previously sprawled over an area of about 14 acres. After approval of its Master Plan in 2014, Land from the Garden side has been increased to 34 acres to give adequate space to enclosures of animals housed in zoo. This was approved in General Body Meeting in AMC wide resolution no.574 and dt.18.08.2009. The main purpose of establishing this zoo was to exhibit and rescue the local animals. Initially small animals and local wild animals' species like Jackal, Wolf, Hyena, Monkey, Black Buck, Nilgai, Sambar, civet cat, peacock were kept in zoo.

1990s onwards, the zoo transformed itself to preserve endangered species of animals, exhibit of wild animals, their conservation, public education and awareness. The part of this development brought in lion, the tiger, leopards, white tiger, elephant and bear to the zoo. Successive development of zoo continued under the esteemed guidance of Central Zoo Authority, New Delhi.

As a part of zoo education and awareness creation, Municipal zoo established a small 35 mm cinema theatre, called 'Vasundhara' in year 1995 for visualizing various wildlife films. Presently it is under repair and renovation. In the same year a "Snake park" was established in the zoo with due permission from Central Zoo Authority. 10 species of snakes, which include rat snake, python, Russell's viper, cobra, common krait, trinket, earth boa etc. are under display in this snake park. The snake park is a good education centre for snake lovers. Almost 5,18,300 visitors visited this snake park in 2017.

Aviary is also developed during year 1995 for Birds and Water birds having display for species like painted stork, spoonbill, Indian peacock and egret.

Alongside to above-mentioned species, presently the zoo displays 19 species of wild animals. Being a small zoo with limited area, zoo experienced certain difficulties in animal breeding programme as well as in accommodating new animal procurements. On the other side the popularity of the zoo has increased over the years, resulting in a manifold increase in the number of visitors. To encounter these difficulties, Aurangabad zoo had decided to extend the zoo premises by incorporating space of adjoining garden for further development. The Governing body accorded permission to this decision in their meeting.

As being a zoo located centrally in city, constraints of space and pressure of locality with sound pollution and adjoining drainage line, AMC decided to relocate this zoo at Mitmita Gut No.307 on 100 acres of land 6 Km away from city allotted by Revenue Department of Govt. of Maharashtra. AMC initiated plantation on the side and initiated procedure to prepared Master Plan of Safari Park and Zoo submitted to Central Zoo Authority. As Master Plan of present Zoo is approved by CZA for the period of 2014-2024 this zoo will be relocated at new site by 2024.



3. VISION

Siddharth Garden Zoo intends to generate effective awareness among the people in creating a pro-environment lobby force for protecting endangered and native animal species along with conservation of the city's rich biodiversity to encourage future development.

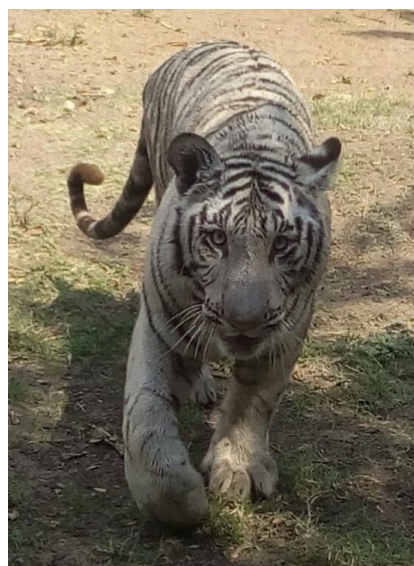
4. MISSION

To develop an ideal zoo with a focus on protection and conservation of animals, education for visitors, through a proactive interpretation approach.

5. OBJECTIVES

The main objective of the management of zoos in the country is to aid and assist in conservation of wild animals and their habitat. The Zoo in conformity with the aforesaid trend shall work for conservation of the important species from Marathwada region specifically and Maharashtra state in principal. It will strive to achieve the following objectives;

- i. *To undertake Captive breeding and an attractive display of common and endangered species from Marathwada and Western Ghats.*
- ii. *To Educate the zoo visitors on the role of modern zoos in wildlife conservation through appropriate signage, interpretive exhibits and an effective extension literature.*
- iii. *To conduct Research on the behavioural, biological and veterinary aspects of captive animals through regular internship batches of Veterinary College students from Parbhani and Udgir Veterinary College.*
- iv. *To sustain a lifetime care facility for animals.*



6 .ABOUT US

S.No.	Particulars	Information
1	Name of the Zoo	Siddharth Garden AMC Zoo, Aurangabad
2	Year of Establishment	1984
3	Address of the Zoo	Siddharth Garden AMC Zoo, Near Central Bus Station, Aurangabad-431001
4	State	Maharashtra
5	Telephone Number	0240-2331956
6	Fax Number	0240-331213
7	E-mail address	<u>aurangabadzoo@gmail.com</u>
8	Website	www.aurangabadmahapalika.org
9	Distance from nearest	Airport: - 10 Km
		Railway Station - 2 Km
		Bus Stand – 0.5 Km
10	Recognition Valid upto (Date)	30/04/2013
11	Category of zoo	Small
12	Area (in Hectares)	14 Hectares
13	Number of Visitors (Financial Year)	5,18,300
14	Weekly Closure Day of the Zoo	Tuesday
Management Personnel of the zoo		
15	Name with designation of the Officer in-charge	Dr. B.S.Naikwade Director, AMC Zoo Municipal Corporation Aurangabad

S.No.	Particulars	Information
	Name of the Veterinary Officer	Dr. Khwaja Inamdar
Owner / Operator of the Zoo		
16	*Name of the Operator	Commissioner, Municipal Corporation, Aurangabad
17	Address of the Operator	Town Hall, Aurangabad.
18	Contact details/Phone number of Operator	0240-2331213
19	E-mail address of Operator	commissioner@aurangabadmahapalika.org

** Rule 2(m) of the Recognition of Zoo Rules, 2009.*

“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that_____

I. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or

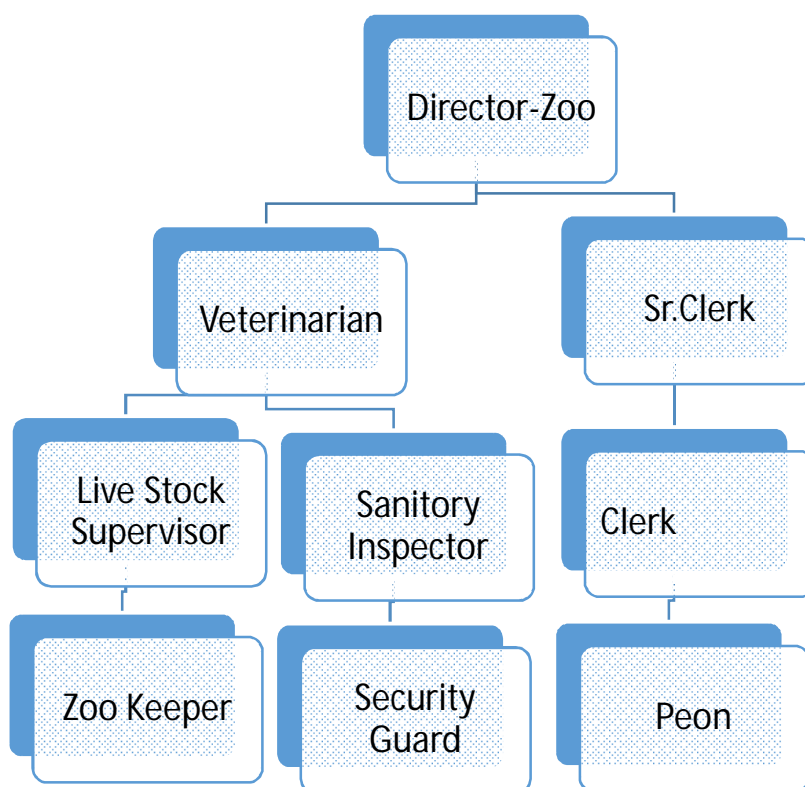
II. in the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo; or

III. In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Zoo Operator.

SIDDAHARTH GRADEN ZOO – Zoo Management Training to the Veterinarian Students



7.ORGANIZATIONAL CHART



8. HUMAN RESOURCES

Manpower of the Zoo*

Sr.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Zoo Director	1	Dr. B. S. Naikwade
2	Zoo Veterinarian	1 (Proposed in Staffing Pattern of Corporation)	Dr. K. M. Inamdar (Contract Basis)
3	Zoo Biologist	1 (Proposed in Staffing Pattern of Corporation)	-
4	Lab-technician	1 (Proposed in Staffing Pattern of Corporation)	-
5	Dresser	1 (Proposed in Staffing Pattern of Corporation)	-
6	Keeper	35	35
7	Live Stock Supervisor	1	Sanjay Nandan (Daily wages)

9. CAPACITY BUILDING OF ZOO PERSONNEL

Sr.No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	Shri.Shaikh Zaheer Zoo Keeper	Zoo Keeper Training	19/02/2018 to 25/02/2018	Sakkarbaug Zoological Park,Junagadh,Gujrat
2	Shri.Rohit Deshmane	Zoological information Management System & Data Entry in the Software Training	12/03/2018 to 13/03/2018	Veermata Jijabai Bhosle Udyan Zoo, Byculla, Mumbai.

10. ZOO ADVISORY COMMITTEE

a. Date of constitution - Animal Lovers Association constituted in August, 2010

Members -

1. Shri. Mansing Patil - President
2. Shri. Dilip Yardi-Member
3. Shri. Shyam Dande -Member
4. Shri. Vilas Jadhav -Member
5. Shri. N. M. Paygavhan -Member
6. Shri. Madhukar Vaidya -Member
7. Zoo Director-Member Secretary

11. HEALTH ADVISORY COMMITTEE -

Dates on which Meetings held during the year – 6th Dec 2017 taken Health check up camp for zoo staff by team of Health Department – AMC.

12. STATEMENT OF INCOME AND EXPENDITURE

Income - Rs. 2,05,30,610/-
Expenditure - Rs.76,38,727/- (Feeding of Animals)
Rs.20,00,000/- (Zoo Maintenance & Repair)

13. DAILY FEED SCHEDULE OF ANIMALS

Sr.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Tiger	Beef	13 kg	12 kg	Tuesday
2	Leopard	Beef	5 kg	4 kg	Tuesday
3	Jackal	Beef	1 kg	1 kg	Tuesday
4	Wolf	Beef	2 kg	2 kg	Tuesday
5	Hyena	Beef	2 kg	2 kg	Tuesday
6	Civet Cat	Beef	0.5 kg	0.5 kg	Tuesday
		Banana	2 No	2 No	
7	Crocodile	Beef	0.5 kg	0.5 kg	Tuesday
		Fish	0.5 kg	0.5 kg	
8	Neelgai	Dry fodder	1.5 kg	1.5 kg	
		Green Grass	6 kg	6 kg	
		Cattle Feed	1.5 kg	1.5 kg	
9	Sambar	Dry fodder	1.5 kg	1.5 kg	
		Green Grass	6 kg	6 kg	
		Cattle Feed	1.5 kg	1.5 kg	
10	Black Buck	Dry fodder	0.5 kg	0.5 kg	
		Green Grass	1.5 kg	1.5 kg	
		Cattle Feed	0.6 kg	0.6 kg	
11	Chital	Dry fodder	0.5 kg	0.5 kg	
		Green Grass	6 kg	6 kg	
		Cattle Feed	1 kg	1 kg	
12	Elephant	Dry fodder	20 kg	20 kg	
		Green Grass	15 kg	15 kg	
		Sugar Cane	20 kg	20 kg	
		Rice	8 kg	8 kg	
		Chana	2.5 kg	2.5 kg	
		Wheat	2 kg	2 kg	
		Joggory	2.5 kg	2.5 kg	
13	Monkey	Mix Fruit	1 kg	1 kg	
		Banana			
		Tomato			
		Cucumber			
14	Peacock	Ground Nut	100 gm	100 gm	
		Poultry Feed	300 gm	300 gm	
		Ground Nut	100 gm	100 gm	
		Tomato	200 gm	200 gm	
15	Star Tortoise	Tomato	100 gm	100 gm	
		Green Coriender	100 gm	100 gm	
16	Shell Turtle	Small fish	100 gm	100 gm	

17	Porcupine	Potato Bringle Flower cobl	1 kg		
18	Water Birds (28)	Fish	7 kg		

14. VACCINATION SCHEDULE OF ANIMALS

Sr.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Small Carnivores	Rabies	Rabies Vaccine 1 ml	23.12.2017	
		Canine distemper	Megavac-6 1 dose	21.03.2018	

15. DE-WORMING SCHEDULE OF ANIMALS

Sr.No.	Species	Drug used	Month
1	Carnivores	Panacure 1.5 gm bolus Salmectin tab – 10 mg	July-17 Feb-18
2	Herbivores	Panacure 1.5 gm bolus Hitek bolus – 80 mg	July-17 Feb-18

16. DISINFECTION SCHEDULE

Sr.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Phenyl Class A, Grade 3, Type Normal, RWC-minute 5, SAC- 2.5	Carnivores	Everyday phenyl spraying on enclosures side	Daily
2	Bleaching powder Grade:1	Carnivores Herbivores	Every Tuesday all water tanks in enclosures cleaning with bleaching powder	Weekly

17. HEALTH CHECK-UP OF EMPLOYEES FOR ZOONOTIC DISEASES

Sr.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	General Health Check up	Medical Officer, AMC Aurangabad	06 Dec.2017	No Zonotic disease found

18. DEVELOPMENT WORKS CARRIED OUT IN THE ZOO DURING THE YEAR – Maintenance & Repair Works including repair of Boundary Wall and Colouring.

19. EDUCATION AND AWARENESS PROGRAMMES DURING THE YEAR - Education and Awareness program Organized in Zoo for Veterinary College Students



20. IMPORTANT EVENTS AND HAPPENINGS –

Cleanliness drive in Zoo by Hon. Commissioner Om Prakash Bakoriya and AMC Officers.



Food quality checkup by Zoo Advisory Committee.



**21. SEASONAL SPECIAL ARRANGMENTS FOR UPKEEP OF ANIMALS -
Sprinklers in enclosures of Black Buck and Spotted Deer, Coolers in Tiger and Leopard enclosures and climbers in snake.**

22. RESEARCH WORK CARRIED OUT AND PUBLICATIONS -

23. CONSERVATION BREEDING PROGRAMME OF THE ZOO -

Black Buck – Oct 2017 – 2 male – 2 female
Jan 2018 – 2 Female
Sambar - Oct 2017 – 2 male – 2 female
Jan 2018 – 4 Male

24. ANIMAL ACQUISITION / TRANSFER / EXCHANGE DURING THE YEAR -

A.	Animals arriving in the Zoo				
	H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	-	Elephant	1:1	Indira Gandhi Zoological Park, Vishakhapattanam	10.12.2017



25. RESCUE AND REHABILITATION OF WILD ANIMALS CARRIED OUT BY THE ZOO –

Sr.No.	Date of Rescue	Species with number of animals rescued with their sex (M: F:U:T)	Received from	Date of Submission of Report to the CWLW / CZA	Action taken	
					Date and Place of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat
1	17.06.2017	Black Buck 1 Male	Forest Dept.	11.07.2017	-	-
2	18.01.2018	Peacock 1 Female	Locally rescued	09.04.2018	Proposed to Forest Dept. for acquisition	-
3	28.01.2018	Macaque rhesus 2 Female	Locally rescued	09.04.2018	Proposed to Forest Dept. for acquisition	-

26. ANNUAL INVENTORY OF ANIMALS – Submitted periodically to cza office.

27. MORTALITY OF ANIMALS - Submitted periodically with Inventory report to CZA Office.

28. STAUS OF THE COMPLIANCE WITH CONDITIONS STIPULATED BY THE CENTRAL ZOO AUTHORITY -

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
Attached separate annexure - A					

29. LIST OF FREE LIVING WILD ANIMALS WITHIN THE ZOO PREMISES. -

List of Fauna of Aurangabad Municipal Corporation Zoo

a. Mammals

1. **Three striped palm squirrel** (*Funambulus palmadrum*)
2. **Common grey Mongoose** (*Herpestes edwardsii*)
3. **Indian palm civet** (*Paradoxurus hermaphroditus*)
4. **Common langur** (*Presbytis entellus*)

b. Birds

1. **Peacock** (*Pavo cristatus*)
2. **Parrot** (*Psittaci formes*)
3. **Pheasant** (*Phasianus colchicus*)
4. **Owl** (*Strigi formaers*)
5. **Jungle myna** (*Acridotheres fuscus*)
6. **Egret** (*Ardea alba*)
7. **Small blue king fisher** (*Alcedo coerulescens*)
8. **House crow** (*Corvus Splendens*)

c. Reptiles

1. **Common lizard** (*Hemidactylus frenatus*)
2. **Rat snake** (*Elaphe obsoleta*)
3. **Indian cobra** (*Naja naja*)
4. **Russell's viper** (*Daboia russelli*)



Director

Siddharth Garden AMC Zoo,
Aurangabad.

Pointwise Compliance Report

Sr.No.	Norm under RZR, 2009	Violations of Recognition of Zoo Rules, 2009	Answer	Compliance
General requirements				
1	10.1 (4 & 5)	The Zoo has failed to earmark clear boundary of the zoo with the area occupied by the Hyderabad Marathwada Mukti Sangram, aquarium, garden, Traffic Park,	<ul style="list-style-type: none"> • Boundary wall of Hyderabad Mukti Sangaram is earmarked by fencing wall (Attached Photograph. Exhibit no-No. 1) • Boundary wall of aquarium is earmarked by fencing wall (Attached Photograph. Exhibit no-No. 2) • Garden is a part of zoo and earmarked by fencing boundary wall (Attached Photograph. Exhibit no-No. 3) • Started demolition of Traffic Park as new animal enclosures are proposed at that side and Rs. 1 crore fund is allocated to construct new enclosures as per approved master plan. (Xerox copy of allocated budget page attached. Exhibit no-no.4) 	Done

2	10.1 (5)	The Zoo has failed to repair the broken periphery wall towards river side.	The Broken periphery wall at south side has been repaired. (Attached Photograph.Exhibit no-No. 5)	done
3	10.1 (7)	The Zoo has failed to manage solid and liquid wastes generated in the zoo.	Zoo has prepared pits for vermi composting. At north east side for solid and liquid waste management. (Attached Photograph.Exhibit no-No. 6)	Done
4	10.1 (7)	The Zoo should stop the Mini Train being operated by Diesel is functioning in Garden Area. The total area of the zoo is 34 acres, of which the garden is spread over an area of 20 acres and zoo is on 14 acres of area.	Zoo has stoped mini train.	Done
5	10.1 (9)	The Zoo has failed to remove the domestic geese from display.	The domestic geese have been removed from zoo and zoo is not displaying geese.	Done
Administrative and Staffing Pattern				
6	10.2 (1)	The Zoo has failed to provide administrative and financial powers to the Director: The financial powers are vested with the Deputy Municipal Commissioner.	The administration of Aurangabad Municipal Corporation has delegated adequate powers to Zoo Director to conduct daily routine activities of the zoo (Copy attached. Exhibit no-7)	Done
7	10.2 (2)	The Zoo has failed to appoint technical support staff,	Zoo Veterinarian appointed on temporary basis and Other technical	Partially compliance done

		Veterinarian, Education Officer, Compounder and Lab Assistant	supporting staff is proposed in staffing pattern of corporation. (Copy attached.Exhibit no-no.8)	
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Development and Planning				
8	10.3 (1)	The Zoo has failed to prepare and submit the Animal Collection plan of the animals to be housed and displayed in the zoo	Zoo has submitted animal collection plan in its approved master plan. Master plan of the zoo has been approved by CZA. (Copy attached. Exhibit no-9)	Done
9	10.3 (6)	The zoo has failed to include the individual species of Birds and Reptiles housed at the zoo, it simple states the number of birds (27 nos. of water birds) and reptiles (unidentified snakes 100 nos.) in the Animal Inventory submitted to the CZA. These birds and reptiles housed at the Zoo should be identified. Accordingly, the inventory should be submitted to the Central Zoo Authority for each species of animals separately.	Zoo has included the individual species of Birds and Reptiles housed in this zoo. And same is being submitted to CZA to Animal Inventory report. (Copy attached. Exhibit no-10)	Done
10	10 (3.6)	i. The Zoo has failed to house only those animals for which appropriate housing facility	The zoo has shifted elephants to Vishakahpattanam Zoo due to inadequate housing facility. Jackal and	Initiated for compliance

		<p>exist.</p> <p>ii. The Zoo has failed to determine the carrying capacity of the various enclosures in terms of the maximum number of the animals that can be housed and displayed in the zoo.</p>	<p>Hyena enclosures will be created at the site of traffic garden area and birds species will be housed in that area as per approved master plan.</p>	
11	10.3 (8)	<p>The zoo has failed to submit the report on the snakes rescued from the wild and failed to maintain the records for the same. The zoo should submit a report regarding the source, legality of its acquisition, facility of housing, upkeep and health care to the Central Zoo Authority in case the animal pertains to an endangered species.</p>	<p>The zoo has started keeping record of snakes rescued from locality handed over by registered snake catchers registered with local forest department. (Copy attached. Exhibit no-11)</p>	Done
12	10.3 (8)	<p>The zoo should stop acquiring rescued animals without prior approval from the Chief Wildlife Warden of the State and from the Central Zoo Authority. The rescued animals should be housed after following laid down procedure under this Rule.</p>	<p>The zoo is not acquiring rescued animals without prior approval from the Chief Wildlife Warden of the State and from the Central Zoo Authority.</p>	Done
13		<p>The Zoo Operator has failed to</p>	<p>The zoo operator has decided to shift</p>	Done

		submit the documents regarding the land where the Zoo Operators has decided to shift the existing zoo to the new site.	the existing zoo to the new site at Mitmita-Gut No.307-6 Km. away from city on Aurangabad-Nashik Road. 100 acres of Govt. land has been allotted by Govt. Of Maharashtra on dt.17.10.2016 vide it's letter no.land-2907/648/pra.kara.71 /2007/pu.ban.1/2014/j-7 dt.17.10.2016. (Copy attached. Exhibit no-12)	
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Animal housing, display of animals and animal enclosures				
14	10.4 (2)	<p>i. The Zoo has failed to provide the tank with minimum area requirement as prescribed by CZA to soft shell turtles and also failed to provide the place for basking etc.</p> <p>ii. The Zoo has failed to provide paddock area and night house with dimensions as prescribed by the CZA in the Wolf enclosure</p> <p>iii. The Zoo has failed to house Common palm civet in the enclosure having prescribed dimensions. It was observed that signage/illustration</p>	<p>i. The soft shell turtles are shifted from small glass tank to open tank with basking area. (Attach Photograph. Exhibit no-13)</p> <p>ii. Action is being taken as per Master plan approved by CZA.</p> <p>iii. Action is being taken as per Master plan approved by CZA.</p>	<p>Done</p> <p>Partially Done</p> <p>Partially Done</p>

		<p>provided at the exhibit is of Malabar civet cat.</p> <p>iv. The Zoo has failed to remove the tiled floor in the animal enclosures of Hyena, jackal, wolf, civet cat and Common langur. Which does not meet the biological requirement of the animals.</p> <p>v. The night house of Leopards has been provided shutter in the back side, which are not feasible and never been used to house the animals. Further the size of night cell is only 1.5 mt x 2.0 mt. only. The zoo has 3 (1:2) Leopard in its collection. However, only single leopards is being exhibited. The rest of the animals do not have any kraal attached to the animal house.</p> <p>vi. The zoo has failed to stop housing small carnivores in the vacant aviaries.</p>	<p>iv. Action is being taken to remove the tiled floor in the animal enclosures of Hyena, jackal, wolf, civet cat and Common langur. Which does not meet the biological requirement of the animals.</p> <p>v. Action is being taken as per Master plan approved by CZA.</p> <p>vi. Action is being taken as per Master plan approved by CZA.</p>	<p>Partially Done</p> <p>Partially Done</p> <p>Partially Done</p>
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		<p>vii. In a Bluebull enclosure, a treatment room has been constructed on the side to house the sick animals.</p> <p>viii. The Zoo has failed to provide functional squeeze cage</p> <p>ix. The entry to Blackbuck enclosure is from visitors pathway.</p> <p>x. The White Tiger and Bengal Tiger enclosures have service entry from the visitors viewing side.</p> <p>xi. The Zoo has failed to provide proper locking system in the sliding door used for shifting of animals in the tiger night cells.</p> <p>xii. The Zoo has failed to provide adequate ventilation in the night house of the tiger.</p>	<p>vii. Action is being taken as per Master plan approved by CZA.</p> <p>viii. Action is being taken as per Master plan approved by CZA.</p> <p>ix. Action is being taken as per Master plan approved by CZA.</p> <p>x. Action is being taken as per Master plan approved by CZA.</p> <p>xi. Action is being taken as per Master plan approved by CZA.</p> <p>xii. Action is being taken as per Master plan approved by CZA.</p>	<p>Partially Done</p> <p>Partially Done</p> <p>Partially Done</p> <p>Partially Done</p> <p>Partially Done</p> <p>Partially Done</p>
15	10.4 (2)	The Zoo has failed to provide animal enclosures for Lions, Tigers, Jackal, Wolf, Sloth bear and Porcupine in accordance	Action is being taken as per Master plan approved by CZA.	Partially Done

		with the biological requirement of the animals.		
16	10.4 (5)	The Zoo has failed to provide the animal enclosures of Hyena, Jackal, Wolf, Monkey, Peacock and Emu of the dimensions and area as prescribed by the CZA.	Action is being taken as per Master plan approved by CZA.	Partially Done
17	10.4 (6)	The Zoo has failed to take action regarding the open moat of Crocodile and Python in the reptile house which is covered with loose chain link fence.	Action is being taken as per Master plan approved by CZA.	Partially Done
18	10.4 (6)	The Zoo has failed to provide floor with natural soil in the enclosures of Hyena, Jackal, Wolf and Porcupine.	Action is being taken as per Master plan approved by CZA.	Partially Done
19	10.4 (6)	The Zoo has failed to provide facility for sand basking in the mugger exhibit.	Sand has been put in the basking area.	Done
20	10 (4.9)	The Zoo has failed to maintain standoff barriers and plant hedge.	80% area has been covered by standoff barriers.	Mostly Done
21	10 (4.9)	The zoo has failed to display adequate sign board (warning boards) for visitors.	Order has been place for signboard.	Partially Done
22	10.4 (10)	The Zoo has failed to correct the sign board written as Alligator outside the Mugger enclosure and other sign boards with	New sign boards will be installed soon.	Partially Done

		correct information.		
Upkeep and healthcare of animals				
23	10.5 (2)	<p>i. The Zoo has failed to feed the tigers housed at the zoo as per the diet prescribed by the Veterinarian.</p> <p>ii. The zoo failed to stop feeding the Rhesus macaques, Neelgai, Sambar, Blackbuck, Spotted deer with Bread along with other animal feed.</p> <p>iii. The zoo has failed to examine the food provided to the animals before serving. The Veterinary Officer does not check or verify the meat provided to the carnivorous animals at the zoo.</p> <p>iv. The Zoo has failed to control the problem of rodents in the dry Food store. The Zoo has also failed to provide good quality of feed, particularly the Gram.</p>	<p>i. The feeding of tiger is provided as per the prescription by the veterinarian.</p> <p>ii. The zoo has stoped feeding bread to Rhesus macaques, Neelgai, Sambar, Blackbuck and Spotted deer.</p> <p>iii. The food is being examined by the zoo veterinarian regularly before feeding.</p> <p>iv. Problem has been controlled and purchase of gram has been cancelled owing to the shifting of elephants.</p>	<p>Done</p> <p>Done</p> <p>Done</p> <p>Done</p>

		v. The zoo has failed to maintain feed register for all snakes. The animal feed register has records on animal feed for the period upto 30 th Sept. 2017 only.	v. The register has been maintained.	Done
		vi. The zoo does not have deep freezer for storage of meat.	vi. Process initiated to purchase deep freeze via e-tendering.	Partially Done
24	10.5 (6)	The Zoo has failed to test the food samples randomly.	Food Samples are being sent for testing to FSSAI Office.	Partially Done
25	10.2	The Zoo has failed to increase the size of the feeding cells of Wolf, Hyena, Jackal	Action is being taken as per Master plan approved by CZA.	Partially Done
26	10.5 (5)	The Zoo has failed to remove and dispose off the leftover food items, animal excreta etc from the animal enclosure regularly	The leftover and excreta are regularly removed and enclosures are regularly cleaned.	Done
27	10.5 (5)	The Zoo has failed to maintain the food inspection register.	The register is maintained now.	Done
28	10.5 (8)	The Zoo has failed to maintain Veterinary records, schedule for de-worming of animals, vaccination of animals, animal feed. The format for each should be prepared, displayed at animal enclosures and be strictly followed.	The register has been kept.	Done
29	10.5 (9)	The Zoo has failed to conduct	The Medical Health Checkup Camp	Done

		staff screening for zoonotic diseases. The staff shall be screened against zoonotic diseases at least once every year.	for Zoo Keepers organized by Aurangabad Municipal Corporation Health Department every year on dt.06 th Dec.	
30	10.5 (10)	The zoo has failed to maintain Keeper Diary as per standard prescribed by the CZA.	Zoo has maintained keepers dairy as per CZA pro-forma.	Done
Veterinary and Infrastructure Facilities				
31	10.6 (1) a & b	The zoo has failed to procure and maintain basic diagnostic facilities, equipments and comprehensive range of drugs. The Zoo has failed to provide the facility of operation theatre. The Zoo has failed to maintain the animal hospital room with basic surgical equipments, wash basin and other essential features, even a water connection.	The zoo is procuring basic diagnostic facilities and equipments. Comprehensive range of drugs are available in zoo hospital. Being a small zoo improved diagnostic facilities are available with Regional Disease Diagnostic Lab Khadkeshwar, Aurangabad which is half Km from the zoo.	Partially Done
32	10.6 (3)	The zoo has failed to have isolation and quarantine area, as mandatory. The zoo has failed to construct the well-equipped post mortem room. The Zoo has failed to provide facility to conduct basic clinical	Action is being taken as per Master plan approved by CZA.	Partially Done

		test.		
33	10.6 (3)	The Zoo has failed to appoint a compounder, lab technician and two keepers in the Veterinary Hospital.	Technical supporting staff is proposed in staffing pattern of corporation.	Partially Done
Post-mortem and disposal of carcasses of animals				
34	10.7 (2)	The Zoo has failed to maintain the Post-mortem records in the format prescribed by the CZA.	The Postmortem of dead zoo animals in zoo are done by IVC registered veterinarian. as per standard pathological requirements. The zoo is being maintain the Postmortem records in the format prescribed by the CZA.	Done
35	10.7 (3)	The perusal of the post mortem report of the Sloth bear conducted on 27/1/2017 states that tissue samples were sent for further examination. However, no report has been received in spite of 14 months have passed. The zoo has not been following with the PM findings. It should be followed.	Tissue samples of Sloth bear post mortem conducted on 27/1/2017 were sent to Udgir veterinary college with veterinary intern students for further investigation and not any defect found in there communication.	Done
36		The Zoo operator has failed to conduct detailed post mortem of the animals that dies in the Zoo by the veterinarian registered with State Veterinary Council of India and also failed to record the findings of such operations	The detailed postmortem has been conducted by veterinarian / team of veterinarian from govt. animal husbandry department and all veterinarians in team are registered by state veterinary council and all the technical findings are recorded with the	Done

		for the last six years.	files of the animals that died.	
37	10.7 (4)	The Zoo has failed to shift the carcass disposal area to appropriate distance so that it does not have any adverse impact on the hygiene and cleanliness of the zoo.	Action is being taken as per Master plan approved by CZA.	Partially Done
Acquisition and breeding of animals				
38	10.9 (4)	The zoo has failed to pair the 2 single spotted deer or transfer to any nearby recognized zoo.	The permission has been submitted to MZA & CZA. It is however awaited.	Partially Done
39	10.9 (4)	The Zoo has failed to pair single animals Chinkara, Wolf, Stump tailed macaque, Mugger and Common langur.	Common langur and Mugger are paired. Other animals are not with this zoo as they died.	Done
40	10.9 (8)	The Zoo has failed to maintain studbook of endangered animals and herd in CZA format.	Already maintained and submitted to WII Deharadun (Copy attached. Exhibit no-15).	Done
41	10.9 (9)	The zoo has failed to adopt the population control measures for 38 Nos. of Sambar as specified by the Central Zoo Authority.	The sambar deers population is already under control as per the space. The three males were already sterilized. But after the demand for 8 sambar deers from Nagpur Zoo, the sterilization of males have been withheld.	Partially Done
42	10.10 (1)	The zoo has failed to encourage local institution/university students to undertake need based research activities.	The regular batches of internees from Udgir and Parbhani veterinary colleges are attending the zoo they are carrying various diagnostics and research	Done

			activities by collecting samples and data. (Attached Photograph. Exhibit No-16)	
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Education and Outreach Activities				
43	10.11 (1)	The zoo has failed to carryout various educational activities for the awareness of the public.	The zoo has carried different educational activities for the awareness of the public and school students accordingly drawing and essay competitions were taken. One of the young teenaged wild animal lover is regularly taking part in zoo activities, enclosure enrichment and extension activities (Wild Life Week Celebration Photo Attached. Exhibit No-17).	Done
Visitor Facilities				
44	10.12 (2)	The zoo has failed to procure and maintain anti-snake venom for safety of the employees and visitors.	Anti-snake venom has been purchased and kept under refrigeration (Attached Photograph. Exhibit No-18).	Done
Other observations				
45		The Zoo has failed to stop service entry to the huge building (food plaza) from the entry.	Food Plaza area is at entry point and away from animal enclosures. Entry to food plaza to visitors of zoo is from entry gate and rare entry is from parking area.	Partially Done
46		The Zoo has failed to provide	Zoo has installed CCTV cameras for	Done

		functional CCTV cameras installed at the zoo for the safety and security of animals and visitors.	the safety of animals and visitors(Attached Photograph. Exhibit No-19).	
47		The Traffic Garden at the zoo premises is spread over an area of 4 acres. As per the foundation stone available at eh premises, it was conceived in 1995 and inaugurated in 2015. The said park is opened to the public daily from 7.00 am to 9.00 am and 6.00 am to 8.30 pm for locals. The park displays traffic signs. The location of park is next to zoo area. Thus public entry should be stopped immediately or it should be separated from the zoo premises.	Appropriate action in this matter is being taken.	Partially Done

Director,
Siddharth Garden Zoo,
Municipal Corporation Aurangabad