

Siddharth Garden Aurangabad Municipal Corporation Zoo

Aurangabad
Maharashtra



Annual Report 2019-20



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 upkeepment of zoo implement the approved Master Plan of the zoo and second is to implement approved 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	<u>www.aurangabadmahapalika.org</u>
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)	5,12,549
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
	Name of the Veterinary Officer	Dr. Neeti singh
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_____

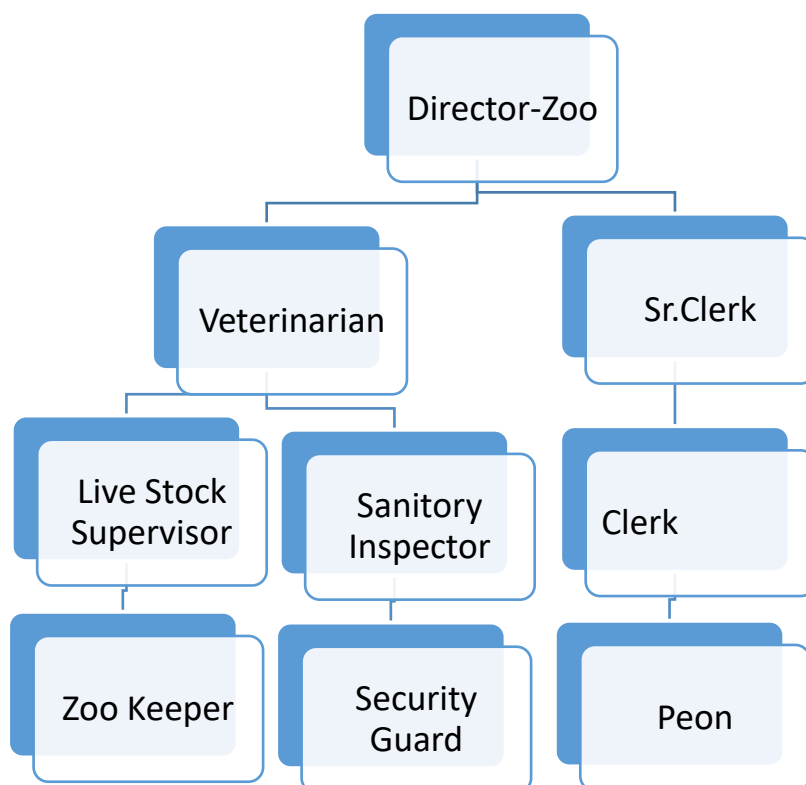
I. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or

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. Neeti singh (Contract Basis)
3	Zoo Biologist	1 (Proposed in Staffing Pattern of Corporation)	-
4	Live Stock Supervisor	1	Shri.Sanjay Nandan
5	Lab-technician	1 (Proposed in Staffing Pattern of Corporation)	Shri.Abdul razzak Qureshi (Contract Basis)
6	Dresser	1 (Proposed in Staffing Pattern of Corporation)	-
7	Keeper	35	35

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	Dr. B. S. Naikwade			Nehru Zoological Park,Hyderabad
2	Shri.Rohit Deshmane			Nehru Zoological Park,Hyderabad

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 2019 taken Health check up camp for zoo staff by team of Health Department – AMC.



12. STATEMENT OF INCOME AND EXPENDITURE

Income	-	Rs. 2,11,13,270/-
Expenditure	-	Rs.75,21,689/- (Feeding of Animals)
		Rs.30,00,000/- (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	Hyena	Beef	2 kg	2 kg	Tuesday
5	Civet Cat	Beef	0.5 kg	0.5 kg	Tuesday
		Banana	2 No	2 No	
6	Crocodile	Beef	0.5 kg	0.5 kg	Tuesday
		Fish	0.5 kg	0.5 kg	
7	Neelgai	Dry fodder	1.5 kg	1.5 kg	
		Green Grass	6 kg	6 kg	
		Cattle Feed	1.5 kg	1.5 kg	
8	Sambar	Dry fodder	1.5 kg	1.5 kg	
		Green Grass	6 kg	6 kg	
		Cattle Feed	1.5 kg	1.5 kg	
9	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	
10	Chital	Dry fodder	0.5 kg	0.5 kg	
		Green Grass	6 kg	6 kg	
		Cattle Feed	1 kg	1 kg	
11	Monkey	Mix Fruit	1 kg	1 kg	
		Banana			
		Tomato			
		Cucumber	100 gm	100 gm	
		Ground Nut			
12	Peacock	Poultry Feed	300 gm	300 gm	
		Ground Nut	100 gm	100 gm	
		Tomato	200 gm	200 gm	
13	Star Tortoise	Tomato	100 gm	100 gm	
		Green	100 gm	100 gm	
		Coriender			
14	Shell Turtle	Small fish	100 gm	100 gm	
15	Porcupine	Potato	1 kg		
		Bringle			
		Flower cobi			
16	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	03.10.2019	

15. DE-WORMING SCHEDULE OF ANIMALS

Sr.No.	Species	Drug used	Month
1	Carnivores	Panacure 1.5 gm bolus Salmectin tab – 10 mg	June-19 Nov-19 March-20
2	Herbivores	Panacure 1.5 gm bolus Hitek bolus – 80 mg	June-19 Nov-19 March-20

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.2019	No Zoonotic disease found

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

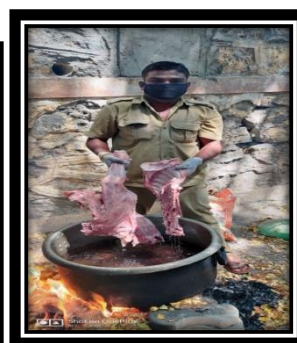
**19. EDUCATION AND AWARENESS PROGRAMMES DURING THE YEAR -
Education and Awareness program Organized in Zoo for Veterinary College
Students**



20. IMPORTANT EVENTS AND HAPPENINGS –



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 – Sept-19 – 1 Male – 1 Female.
 Oct-19 – 1 Male- 2 Female.
Monkey - Apr-19 1 Female.
Tiger (Yellow) - Apr-19 -1 Male – 1 Female.
Tiger (White) - Apr-19-2-Female.

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
	01 02	Chital Painted Stark	04. 03.	Veermata Jijabai Mumbai Zoo.	11.02.2020. 11.02.2020.
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
		Bengal Tiger	02	Veermata Jijabai Mumbai Zoo.	11.02.2020



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	18.03.2020	Black Buck 1 Male	Nasik Forest Dept.	01.06.2020	-	-

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

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

28. STATUS 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.