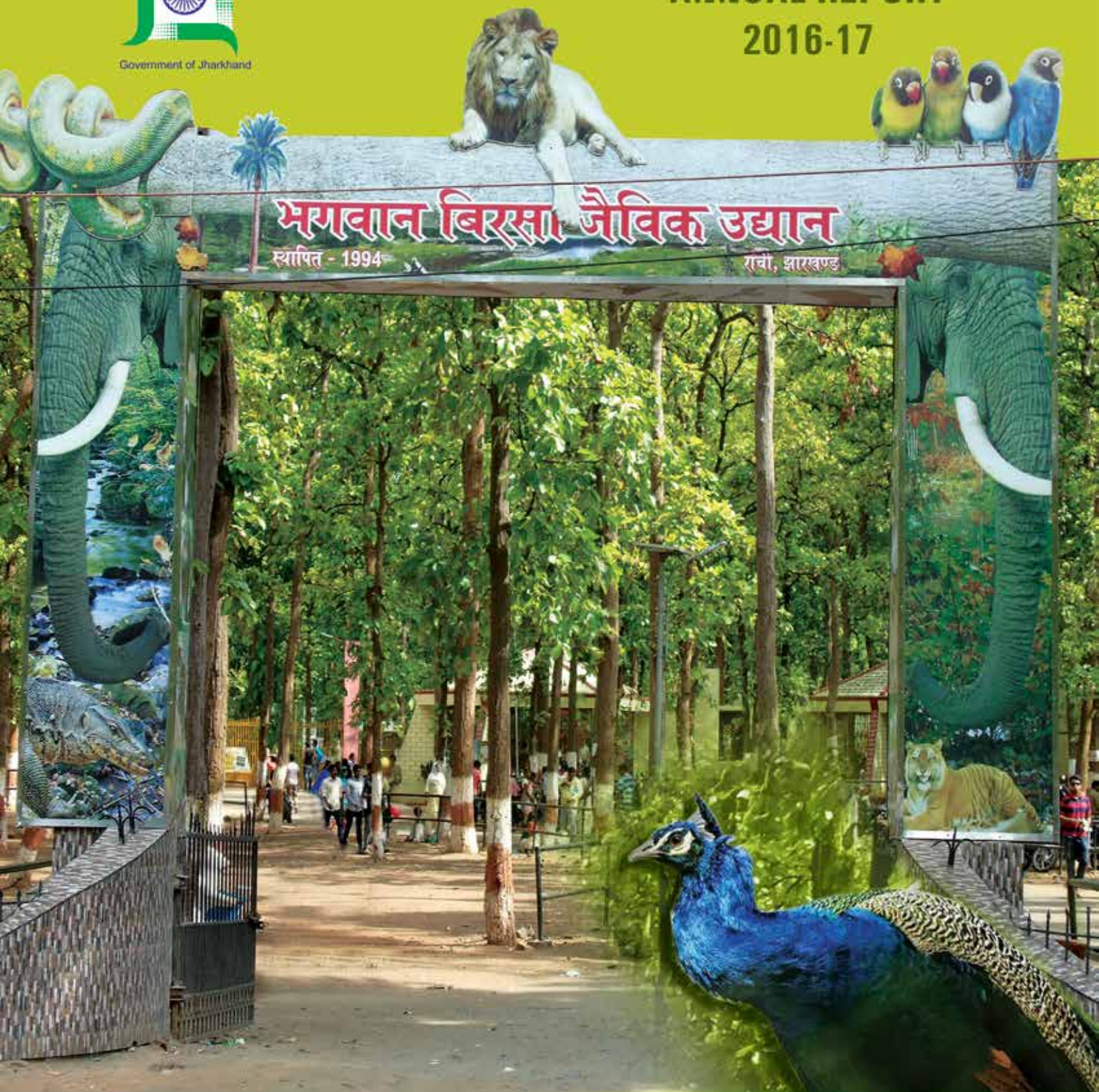




Government of Jharkhand

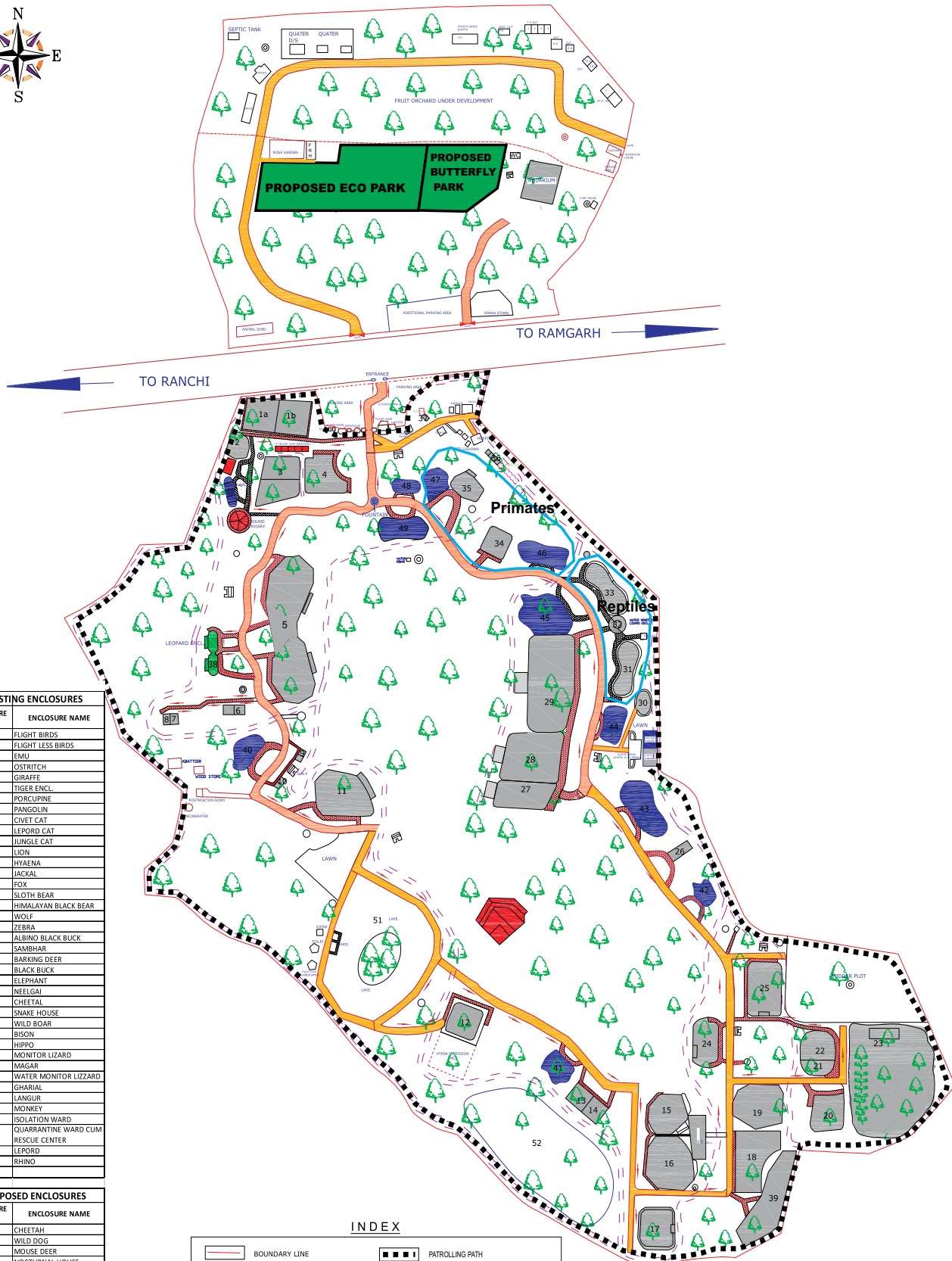
ANNUAL REPORT 2016-17



BHAGWAN BIRSA BIOLOGICAL PARK, ORMANJHI, RANCHI JHARKHAND ZOO AUTHORITY

(Under The Department of Forests, Environment & Climate Change, Govt. of Jharkhand)
(Registered under the Society Registration Act, 1860 vide Registration number 143/2010-11)
Web : www.jharkhandzooauthority.org • Email : jharkhandzooauthority@gmail.com

MASTER LAYOUT PLAN OF BHAGWAN BIRSA BIOLOGICAL PARK RANCHI



PROPOSED ENCLOSURES	
ENCLOSURE NO.	ENCLOSURE NAME
40	CHEETAH
41	WILD DOG
42	MOUSE DEER
43	NOCTURNAL HOUSE
44	GIANT SQUIRREL
45	WILD ASS
46	CAPPED LANGUR
47	LION TAILED MACAQUE
48	AMPHIBIAN HOUSE
49	MUTE SWAN
50	PHEASANTRY
51	WATER BODY AVIARY
52	SPACE FOR CONSERVATION BREEDING PROGRAMME

INDEX			
	BOUNDARY LINE		PATROLLING PATH
	EXISTING BLACK TOP ROAD		SERVICE PATH
	EXISTING MURRAM ROAD		FLOW OF VISITORS
	EXISTING TILED PATHWAY		EXISTING ANIMAL ENCLOSURES
	DRINKING WATER POINT		PROPOSED NEW ANIMAL ENCLOSURES
	EXISTING REST SHEDS		PROPOSAL FOR DEMOLITION
	EXISTING WATER BORING POINT		PROPOSAL FOR MODIFICATION

MASTER LAYOUT PLAN
 DRAWN BY:- AVINASH KUMAR
 SCALE:- 1:2500



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Foreword

Bhagwan Birsa Biological Park, chakla, Ormanjhi, Ranchi is known for its natural habitat, suitable for wild animals. It is the full of natural sal forest and its associates with magnificent regeneration. The Park is surrounded by a perennial water body, the Rukka Dam.

Bhagwan Birsa Biological Park is one of the major tourist attraction in Jharkhand. It has 1288 animals of 83 species. The breeding of many endangered and exotic species are success stories of the Parks. The major breeding species are Sloth Bear, Himalayan Black Bear, Leopard Cat, Gharial, Lion, Hyaena, Fox, Jackal, different species of Deers & Antelope, Indian Peafowl and Pheasants.

Now zoo is under process of attaining the status of large zoo. During the year, many schemes of infrastructure enrichment like extension of enclosure of Elephant, Tiger, Leopard, Gharial and avian species have been implemented.

Zoo administration has also implemented many programme for increasing the amenities for visitors like Battery Operated Vehicles, waiting hall for visitors, safe & pure RO Water for drinking, washroom (Public convenience) wheel chairs, first aid etc.

The major attraction for the year is completion of Aquarium in botanical section of the zoo. The zoo administration is taking all possible steps to improve the zoo on sustained manners and everyone is committed for its development & upkeep. Aquarium will definitely enrich the zoo and increase the footfall.

The unbiased feedback of zoo can be searched on website of tripadvisor.

(Ashok Kumar, IFS)

Chief Conservator of Forests and Director
Bhagwan Birsa Biological Park, Ranchi

A photograph of two elephants standing in a natural, open habitat. The elephant on the right has small, white tusks. The background shows dry grass and trees. A decorative bar with orange, blue, and red segments is in the top right corner.

INTRODUCTION :

The main objectives for constitution of the Pradhikaran (or the Authority) is to facilitate management and development of Bhagwan Birsa Biological Park at Chakla, Ormanjhi, Ranchi, facilitation of linkage between ex-situ and in-situ management and conservation of flora & fauna, breeding and rearing of endangered faunal species with the object of saving them from extinction so as to enrich the depleted fauna, awareness and education in wildlife conservation through zoo-people interface and appropriate zoo-outreach programmes, rehabilitation and care of orphaned or injured or stray or sick animals rescued from the wild or from circuses/ derecognized zoos, acquisition of wild animals, receipt and management of funds from different sources etc. Jharkhand Zoo Authority facilitates the approval of annual plan

and fund flow through its Governing Body. In this way Authority facilitates the achievement of and contributes for objectives of this Zoo.

Bhagwan Birsa Biological Park, Ranchi is one of the most beautiful and progressive zoos in India having 104 ha of area of mildly undulating topography with natural dry deciduous Sal forests & water bodies in and around it. It provides a natural habitat to wild animals to live in peace and harmony with the nature. It is situated on the Ranchi-Ramgarah section of National Highway 33, on the outskirts of Ranchi and about 20 kms from it. It is separated by the NH in two unequal halves, the smaller part being the botanical section of 23 Ha while that of 81 ha, larger one being the zoological section. This zoo was inaugurated on 26th January 1994. Most of the animals of this zoo live in open, large moated areas surrounded by natural vegetation providing them a feeling of living in their natural habitat.



SALIENT FEATURES :

Captive animals and birds as on 31.03.2017		
Mammals	26 Species	466 nos.
Birds	40 Species	762 nos.
Reptiles	17 Species	60 nos.
Total	83 Species	1288 nos

- Number of Animal Enclosures : 43
- Number of Visitors (2016-17) : 6,89,997 (Six Lakh Eighty Nine Thousand Nine Hundred Ninety Seven)
- Zoo Holiday (closing day) : Every Monday
- Visiting Time (for visitors) : 9 am to 4.30 pm during winter season.
(15 October to 15 February)
9 am to 5 pm during other seasons.
(from 16 February to 14 October)

VISITORS AMENITIES

- Drinking water facility with RO system.
- Rest areas / sit outs / visitor sheds at convenient locations.
- First aid facility.
- Wheel chairs for physically challenged person.
- Signages.
- Toilets.
- Kiosks.
- Battery operated Vehicles.
- Information centre
- Guide maps.
- Canteen.
- Boating facility.

ADMISSION FEES AND LEVY :

Entry fee :

- Adult : Rs. 30/-
- Children (age group of 3-12) : Rs. 15/-
- Handicapped person / child below 3 years of age : Free

Group Ticket :-

- (a) For a group of every 25 and more Persons : Rs. 20/- per adult
- : Rs. 10/- per child

Photography :

- Still Camera : Rs. 10/-
- Video Camera (for family use) : Rs. 150/-
- Movie Camera (for commercial use) : Rs. 500/-
- Advertisement and feature film : Rs. 1500/-

Parking :

- (i) Bus / Truck : Rs. 30/-
- (ii) Car / Jeep : Rs. 20/-
- (iii) Motor cycle / Scooter : Rs. 10/-
- (iv) Bicycle : Rs. 2/-





Battery operated Vehicle

Per person / per trip of one hour : Rs. 30/-

Boating

Paddle boat (2 seater) : Rs. 30/-

Paddle boat (4 seater) : Rs. 50/-

(Note : Per trip of 15 minutes)

Special rate for entry on 31st December

1st and 2nd January : Rs. 40/- per adult (No group ticket)
: Rs. 20/- per child (No group ticket)

- Note :
1. On the occasion of Independence Day (15th August) / Republic day (26th January) / Children's day (14th November) and Wildlife Week (From 2nd October to 8th October), the entry fee is exempted for students and minors.
 2. For handicapped persons and children up to three year age, entry is free.

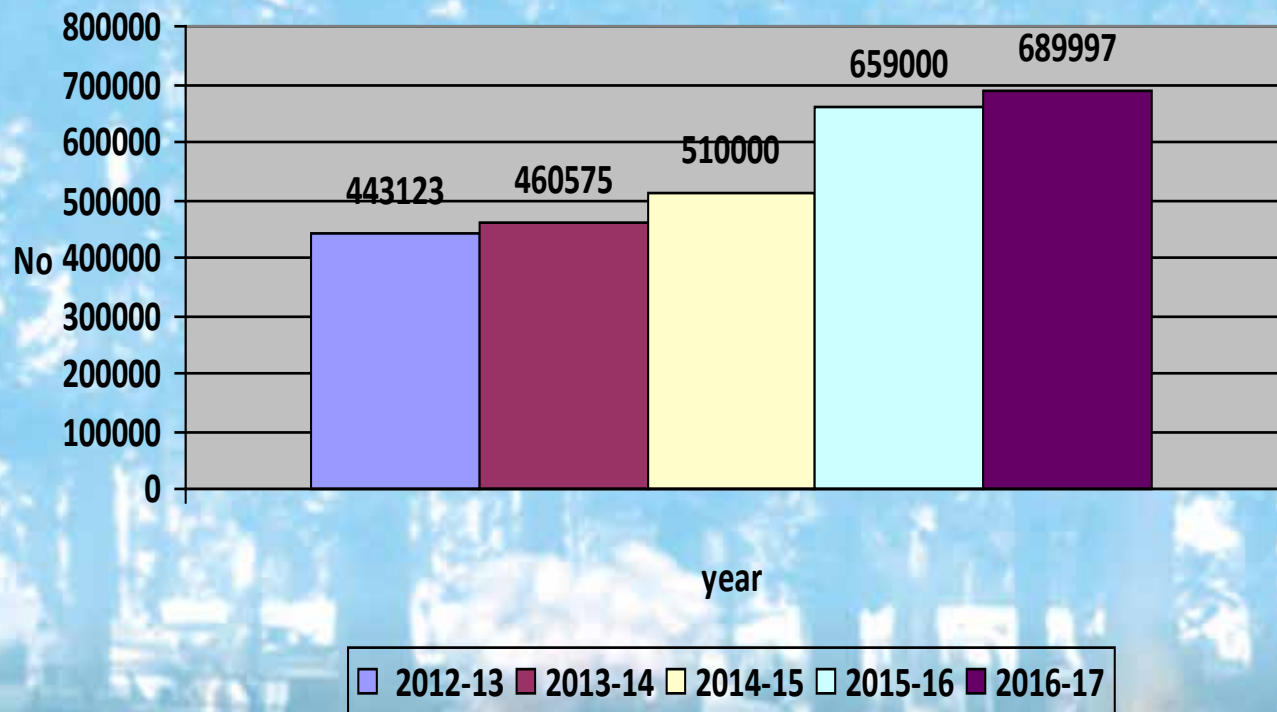


ZOO PERSONNEL (PERMANENT) AS ON 31.03.2017

Sl. No.	Name of post	Sanctioned strength	In position	Vacancy
1	Chief Conservator of Forests and Director	01	01	-
2	Asst. Conservator of Forests	01	01	-
3	Range Forest Officer	03	03	-
4	Veterinary Doctor	01	01	-
5	Head clerk	01	-	01
6	Steno	01	-	01
7	Assistants	03	02	01
8	Forester	03	-	03
9	Forest Guard	08	02	06
10	Compounder	01	-	01
11	Driver	02	01	01
12	Animal keeper-cum-Sweeper	24	16	08
13	Orderly / Peon	04	01	03
14	Chowkidar	06	01	05
15	Mali (Gardener)	05	-	05
16	Sweeper	03	-	03
17	Khansama	01	-	01
Total		68	29	39

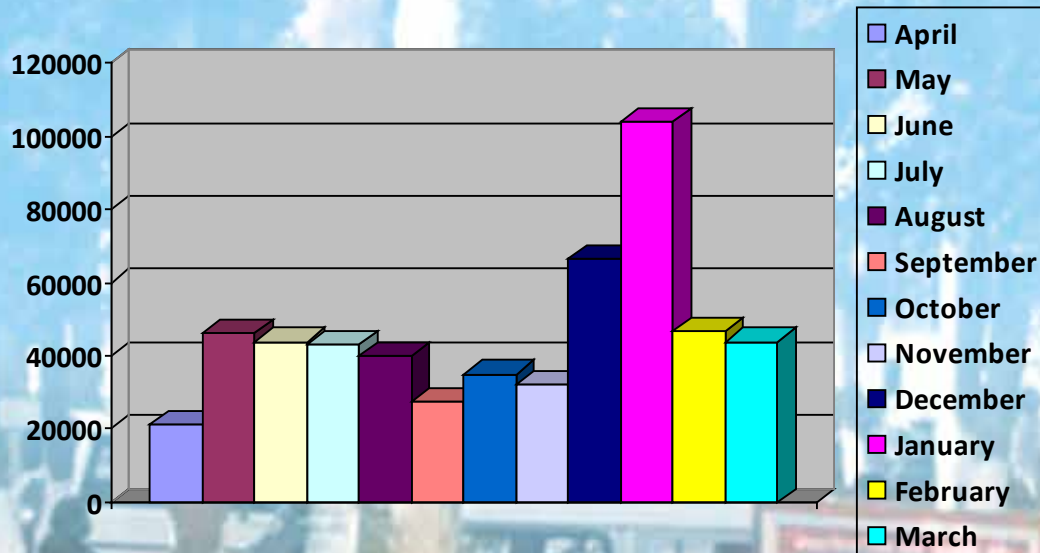


VISITORS FLOW TO THE PARK DURING LAST FIVE YEARS :



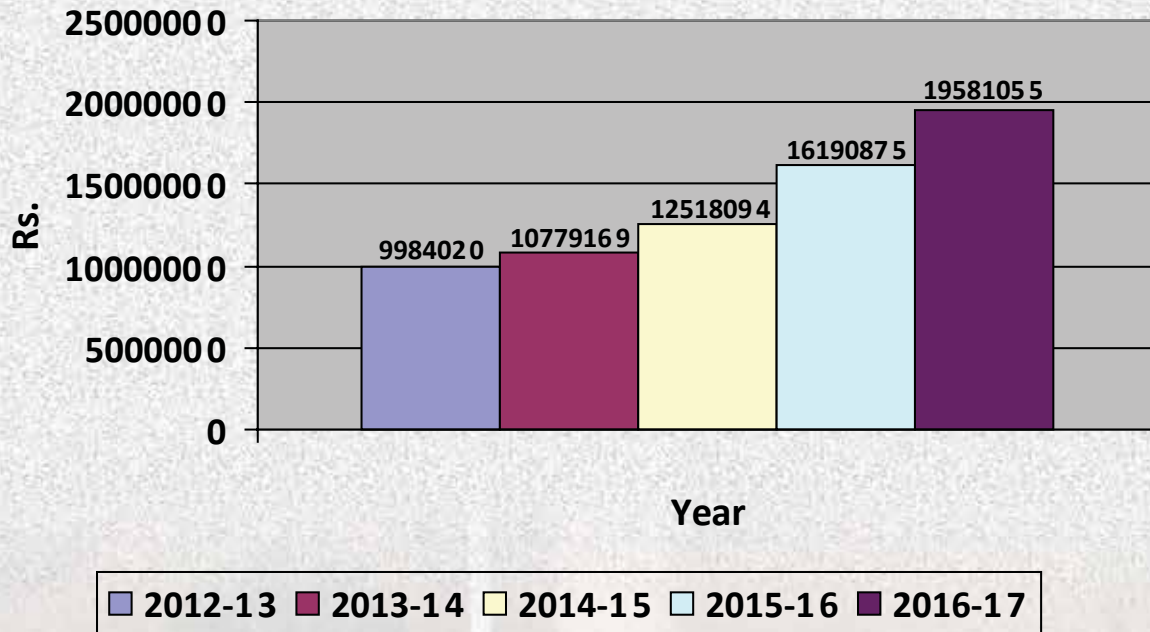
TREND OF VISITORS-FLOW MONTH WISE DURING 2016-17

Month	No. of Visitors	Month	No. of Visitors
April	21160	October	35008
May	46174	November	32236
June	43850	December	66712
July	43277	January	104222
August	39777	February	46735
September	27366	March	43873



RECEIPTS DURING THE LAST FIVE YEARS :

The receipts from all sources, during last five years is as follows



REVENUE GENERATED DURING THE YEAR – 2016-17

SL. No.	Items	No. of Visitors	Total Revenue received
1.	Adult	432508	13188920.00
2.	Child	59395	922505.00
3.	School Children	58487	851460.00
4.	Foreign Visitors	45	1150.00
5.	Camera Fee	-	16030.00
6.	Snake House	-	1215020.00
7.	Battery operated vehicle	-	498210.00
8.	Boating	-	914240.00
9.	Canteen	-	333090.00
10.	Parking	-	874630.00
11.	Revenue received from Forest officer's hostel, Doranda	-	96950.00
12.	Revenue received from Forest Palash Meeting Hall, Doranda	-	670000.00
	Total	659735	19582205.00



Allotment and Expenditure during 2016-17 :

I. प्रतिबद्ध व्यय (Committed Expenditure)

A. भगवान बिरसा जैविक उद्यान, राँची

क्रम सं०	प्रस्तावित कार्य	स्वीकृत राशि (लाख ₹)	व्यय राशि
i	पदाधिकारियों/कर्मचारियों का भुगतान :-		
	• वेतन, जीवनयापन भत्ता आदि (salary)	175.00	12611913.00
	• यात्रा-व्यय	2.00	72613.00
	• एल.टी.सी./एच.टी.सी.	2.00	—
	• वर्दी	1.50	13500.00
	• EPF Share/C.P.F	30.50	2471286.00
ii	कार्यालय व्यय	5.00	223595.00
iii	मोटरगाड़ी- परिचालन एवं रख-रखाव।	5.00	364876.99
iv	दूरभाष (लैण्ड लाइन/मोबाईल)।	2.00	146317.00
v	विद्युत व्यय (उर्जा-प्रभार)।	10.00	969555.00
vi	दैनिक मजदूरों की मजदूरी।	99.56	9647868.32
	(ख) वन्यप्राणियों का आहार, दवायें एवं अन्य सामग्री	125.00	10966846.00
	कुल	457.56	37488370.31

B. पलाश सभागार

क्रम सं०	मजदूरी व्यय	स्वीकृत राशि (लाख ₹)	व्यय राशि
(i)	डोरण्डा कम्युनिटी हॉल सुरक्षा एजेंसी को भुगतान : 7980 X ₹0 प्रतिमाह प्रति व्यक्ति X 3 X 12 = 287280.00	2.87	287000.00
(ii)	सफाई कर्मी- 237.44 X 2 X 365 = 173331.20	1.73	173000.00
(iii)	एक जेनरेटर ऑपरेटर-सह- इलेक्ट्रिशियन 365 X 327.14	1.19	119000.00
	कुल	5.79	579000.00

C. वन पदाधिकारियों का होस्टल :

क्रम सं०	मजदूरी व्यय	स्वीकृत राशि (लाख ₹)	अभ्युक्ति
(i)	एक माली, एक धोबी एवं एक खानसामा : 327.14 X 365 X 3 = 358218.30	3.58	238812.00
(ii)	दो अटेंडेंट : 237.44 X 2 X 365 = 173331.20 ₹0	1.73	173000.00
(iii)	एक दैनिक सफाई कर्मी एवं एक सुरक्षा कर्मी (रात्रिकालीन) : 237.44 X 2 X 365 = 173331.20	1.73	215228.00
	कुल	7.04	627040.00

सारांश (प्रतिबद्ध व्यय)

A भगवान बिरसा जैविक उद्यान, राँची	:	457.56 लाख	37488370.31
B पलाश सभागार	:	5.79 लाख	579000.00
C वन पदाधिकारियों का होस्टल	:	7.04 लाख	627040.00
कुल	:	470.39 लाख	38694410.31



II. अनुसूक्षण एवं रख-रखाव :

A. भगवान बिरसा जैविक उद्यान, राँची

क्र० सं०	व्यय मद	स्वीकृत राशि (लाख ₹०)	व्यय राशि
i	मशीन एवं उपकरण ।	20.00	1180125.00
ii	वन्यप्राणी विषय पर फिल्म एवं साहित्य का क्रय ।	4.00	
iii	अबाध विद्युत आपूर्ति व्यवस्था का संधारण, विद्युतीकरण सहित ।	10.00	929342.00
iv	वन्यप्राणियों के लिए हरा चारा उत्पादन एवं वितरण कार्य ।	16.00	912478.75
v	बागवानी एवं सौंदर्यीकरण कार्य ।	25.00	872500.00
vi	जैविक उद्यान के भवन, चारदीवारी एवं सड़क का अनुसूक्षण कार्य : – ओरमांडी वन विश्रामागार एवं उसके आउटहाउस/लेबर शेड/महाराजा गेट/गोदाम/सभी शौचालयों एवं पेयजल प्वाइंट्स की मरम्मत एवं रख-रखाव । चारदीवारी का सुदृढीकरण एवं अनुसूक्षण ।	39.00	3395998.00
vii	तेंदुआ, बाघ, शेर, नीलगाय, चीतल, हिप्पो, जगली बिल्ली, लकड़बग्घा, घड़ियाल एवं मगर, हिमालयन काला भालू, देशी भालू, काला हिरण, सांभर, शुतुरमुर्ग, लंगूर, सियार, लोमड़ी एवं अन्य वन्यप्राणियों के इन्क्लोजर की मरम्मत, उन्नयन एवं इन्क्लोजर एनरिचमेंट कार्य ।	70.00	6831059.00
viii	जैविक उद्यान में पुटुस उन्मूलन : 44 Ha x 30 मजदूर प्रति हे० – 1320 mandays x 237.44	3.13	98945.85
ix	वन्यप्राणी, आदान-प्रदान एवं परिवहन व्यय ।	45.00	699000.00
x	वन्यप्राणी एवं दर्शक व्यवस्था सम्बन्धी रूटीन, मौसमी एवं विविध कार्य ।	27.00	2307257.71
xi	जैविक उद्यान के मजदूरों को जू-कीट की आपूर्ति ।	8.00	260000.00
xii	पेशेवर एवं कंसल्टेसी सेवायें (कोर्ट केसेज, चार्टर्ड एकाउन्टेंट, आकिटेक्ट्स आदि से सम्बन्धित व्यय ।	10.00	137000.00
xiii	प्रचार – प्रसार ।	20.00	1733656.50
	कुल	296.46	19357312.81



B. पलाश सभागार :

क्र. सं.	व्यय मद	स्वीकृत राशि (लाख रु.)	अभ्युक्ति
(i)	भवन एवं चारदीवारी का रंग-रोगन एवं रख-रखाव।	9.75	100435.88
(ii)	सभी 13 ए.सी. का रख-रखाव।	0.25	25000.00
(iii)	जेनसेट प व्यय (डीजल मोबिल सहित अनुरक्षण)।	3.00	20000.00
	कुल	13.00	145435.88

C. वन पदाधिकारियों का होस्टल संख्या - 1 :

क्र. सं.	व्यय मद	स्वीकृत राशि (लाख रु.)	अभ्युक्ति
i	वार्षिक रख-रखाव (रंगाई-पुताई, बेडसीट, पर्दे, क्रोकरीज / उपस्कर, टायलेटरीज, दीवाल घड़ी का क्रय, सभी ए.सी. टी.वी. सेट टाटा स्काई कनेक्शन के साथ रख-रखाव)	9.70	484680.00
ii	आबाध विद्युत आपूर्ति (जेनसेट का डीजल / मोबिल सहित अनुरक्षण)।	2.00	20000.00
iii	एक टी.वी. एवं ए.सी. का क्रय।	1.80	—
iv	एक डीप बोरिंग एवं पंप की स्थापना पाईप लाईन सहित।	4.00	229670.00
v	कैम्पस का सौन्दर्यकरण (बागवानी एवं लॉन का अनुरक्षण)।	2.00	10000.00
	कुल	19.50	744350.00

D. वन पदाधिकारियों का होस्टल संख्या- 2 :

क्र. सं.	व्यय मद	स्वीकृत राशि (लाख रु.)	अभ्युक्ति
i	रख-रखाव	3.00	
	कुल	3.00	

सारांश (अनुरक्षण एवं रख-रखाव)

A भगवान बिरसा जैविक उद्यान, राँची	:	296.46 लाख	19357312.81
B पलाश सभागार	:	13.00 लाख	145435.88
C वन पदाधिकारी का होस्टल-1	:	19.50 लाख	744350.00
D वन पदाधिकारियों का होस्टल- 2	:	3.00 लाख	शून्य
कुल	:	311.96 लाख	20247098.69

III. आधारभूत संरचनाओं का उन्नयन एवं नई योजनाएँ :

A. भगवान बिरसा जैविक उद्यान, राँची

क्रम सं.	व्यय मद	स्वीकृत राशि (लाख रु०)	अभ्युक्ति
i	तेंदुआ इन्क्लोजर का विस्तार (CZA के निर्देशानुसार)	50.00	4702800.00
ii	आइसोलेशन वार्ड का निर्माण। (CZA के निर्देशानुसार)	25.00	2118600.00
iii	हाथी इन्क्लोजर का विस्तार। (CZA के निर्देशानुसार)	75.00	7500000.00
iv	घड़ियाल इन्क्लोजर का विस्तार।	12.50	1065000.00
v	मछलीघर का समापन कार्य।	500.00	37223690.00
vi	बटरपलाई पार्क का निर्माण।	100.00	
vii	पूरे जैविक उद्यान में सर्विलांस के लिए सी.सी.टी.वी नेटवर्क स्थापित करना।	100.00	
viii	वनस्पति प्रभाग में एक पार्क का निर्माण।	250.00	
ix	जैविक उद्यान का मुख्य द्वार का निर्माण।	250.00	100000.00
x	मुख्य द्वार के समीप कैंटीन का निर्माण।	25.00	
xi	बैटरी चालित वाहनों एवं परिवहन पिंजड़ों के भंडारण हेतु दो शेड का निर्माण	10.50	687032.00
xii	जैविक उद्यान के जन्तु प्रभाग में एक एवं वनस्पति प्रभाग में एक जलमीनार का निर्माण (1.75 लाख लीटर) एवं बोरिंग से मीनार तक पानी पाइपलान लेआउट। दो डीप बोरिंग एवं पंप का अधिष्ठापन।	50.00	
xiii	पानी की कमी को देखते हुए माह अप्रैल 2016 में दो डीप बोरिंग एवं पम्प का अधिष्ठापन, पाइप लान सहित कराया गया है।	5.86	586000.00
	कुल	1453.86	53983122.00

सारांश

I. प्रतिबद्ध व्यय	:	470.39 लाख	38694410.31
II. अनुरक्षण एवं रख-रखाव	:	331.96 लाख	20247098.69
III. आधारभूत संरचनाओं का उन्नयन एवं नई योजनाएँ	:	1453.86 लाख	53983122.00
सकल योग	:	2256.21 लाख	112924631.00
या	:	2256.00 लाख	112924631.00

(ग्यारह करोड़ उन्नतीस लाख चौबीस हजार छः सौ एकतीस रुपये मात्र)



Month wise production of fodder from the captive fodder plot for the year 2016-17

Month & year	Berseem	Sudan
April 2016	-	39368 Kg
May 2016	-	38028 Kg
June 2016	-	45690 Kg
July 2016	-	49612 Kg
August 2016	-	54653 Kg
Sept. 2016	-	44038 Kg
October 2016	44738 Kg	-
November 2016	54600 Kg	-
December 2016	44538 Kg	-
January 2017	41888 Kg	-
February 2017	38024 Kg	-
March 2017	40578 kg	-
Total	264366 Kg	271389 Kg



Infrastructure Enrichment during the year :

In addition to routine works, many works of infrastructure enrichment has been done during the year, some of them being given below :

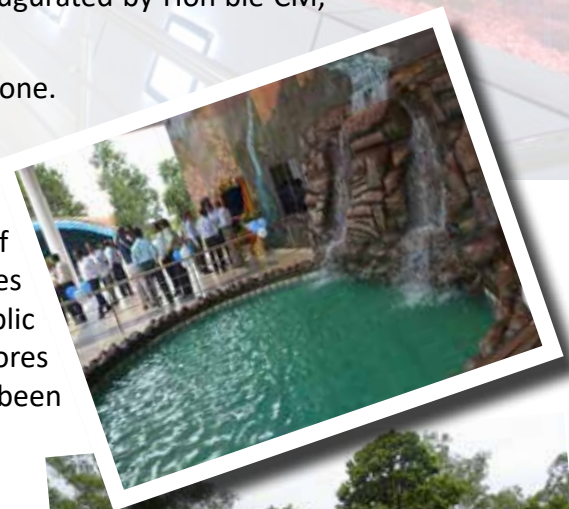
(i) Completion of a large freshwater aquarium:

The concept of aquarium construction in botanical side of the zoo was conceived in the year 2004-05 and building of the aquarium was constructed during the year 2005-06, but due to some unavoidable reasons, it was not commissioned.

During the year 2016-17, the agency for its commissioning named Utekar Fisheries, Mumbai was selected through tender process and it was completed by the end of March 2017 at a cost of Rs. 3.64 crores. This aquarium has recently been inaugurated by Hon'ble CM, Jharkhand Sir Raghuwar Das on 28.06.2017 :

The aquarium named as "Ranchi Aquarium" is a freshwater one. This is the largest freshwater aquarium in the country as on today as claimed by the developer agency. The total area of its premises is 3300 square meter and the aquarium building covers 936 square meter. There are 58 fish tanks of different sizes and around 1500 beautiful and interesting fishes of nearly 120 species have been kept in these tanks for public exhibit. The fishes comprise of herbivores, carnivores, omnivores and scavenger categories. Many fishes are exotic and have been procured by the developer agency through from Bangkok, Malasia & Singapore. The internal decoration has been done scientifically with sufficient information about fishes. The external decoration is eye catching with paintings, models, fountains & picturesque prototype of a beautiful water fall. There is a selfie point inside the aquarium.

In nutshell, the aquarium is worth seeing.





(ii) Extension of Leopard Enclosure.

The play area of the existing leopard enclosure was a little bit smaller, so the leopards could not get sufficient space to play. The evaluation team of CZA suggested to extend the enclosure area. Therefore, the enclosure has been extended by constructing a new but bigger enclosure by the side of the existing one and the two enclosures have been connected through an elevated path. The design was approved by CZA.

The enclosure has been enriched with bamboo bushes and playing logs have been arranged for inmates. From visitors' point of view, a photography spot has been created as well.

(iii) Extension of tiger enclosure.

There were two enclosures for tiger situated side by side in the zoo. Central Zoo Authority, in its mid term evaluation had suggested to combine the two enclosures to make a single one.

As such the two enclosures have been joined through a pukka structure and both enclosures have been merged into one. The design was approved by CZA.

(iv) Extension of Elephant Enclosure:

The area of existing elephant enclosure was somewhat small and a larger area was felt necessary for free movement of elephants. The CZA has also suggested the extension of area.

Therefore, the existing enclosure has been extended making the area more than double the existing one with extension of moat and construction of a new pilkhana. The design of the pilkhana is as per CZA guidelines and it has got approval from the CZA.



(v) Construction of an isolation ward for wild animals:-

Very after wounded/injured/orphaned wild animals are rescued and brought to the zoo for its treatment and proper care. For this purpose, in addition to the existing isolation ward, a new isolation ward has been constructed near the zoo hospital.

(vi) Renovation of Canteen near boating point along with construction of its kitchen.

(vii) Construction of four sheds – one for parking battery operated vehicles, one for visitors' waiting lounge, one for safe storage of transportation cages and one for parking of staff vehicles.

(viii) Renovation/repair of hyaena enclosure standoff barrier.

(ix) Renovation of main gate (on NH 33) of aquarium.

(x) Extension of Gharial Enclosure

For the last three years, successful breeding is taking place and large no of hatchlings are coming out. It was felt difficulty in feeding young hatchlings in existing large pond and also due to increasing no of young gharials, there was congestion in the pond. So, the extension of the existing Gharial enclosure with creation of an extra pond has been done so that the inmates of the enclosure can live comfortably in the pond and also have sufficient space for sun basking.



BAN ON PLASTIC BAG

Bhagwan Birsa Biological Park, Ranchi has banned the plastic covers / bags inside the zoo. Sufficient number of signages prohibiting the use of such bags inside the zoo have been installed at many places for its awareness. Visitors are screened for plastic bags at the entrance gate.



ANIMAL ADOPTION SCHEME

Like some other zoos in the country, this scheme was started in the zoo in the year 2010- 11 but it became effective from year 2011-12 only. Wide publicity was made through news papers, letters and pamphlets. The result was quite encouraging and a good number of adoptors came forward to adopt the animals of this zoo, by showing their keen interest to associate themselves to wildlife conservation. The adoptors are organizations as well as individuals including celebrities. The Jharkhand Zoo Authority expresses its sincere thanks and gratitude to all of them.

SBI has adopted one tiger for the year.

The current rate of adoption for different animals, has been decided and is given below :

Sl. No.	Wild Animal	For one Year/ animal	For Two Year/ animal	For three Year/ animal	For Four Year/ animal	For Five Year/ animal	Animal available for Adoption
1	Tiger	2.95	5.90	8.85	11.80	14.75	01
2	Lion	2.95	5.90	8.85	11.80	14.75	02
3	Leopard	0.97	1.94	2.91	3.88	4.85	01
4	Hippo	2.69	5.38	8.07	10.76	13.45	01
5	Himalayan Black Bear	0.86	1.72	2.58	3.44	4.30	07
6	Sloth Bear	0.60	1.20	1.80	2.40	3.00	10
7	Gharial	0.57	1.14	1.71	2.28	2.85	03
8	Jungle Cat	0.25	0.50	0.75	1.00	1.25	09
9	Hyaen	0.66	1.32	1.98	2.64	3.30	07
10	Civet Cat	0.23	0.46	0.69	0.92	1.15	04





Sl. No.	Wild Animal	For one Year/ animal	For Two Year/ animal	For three Year/ animal	For Four Year/ animal	For Five Year/ animal	Animal available for Adoption
11	Porcupine	0.26	0.52	0.78	1.04	1.30	02
12	Monkey	0.13	0.26	0.39	0.52	0.65	38
13	Langur	0.30	0.60	0.90	1.20	1.50	02
14	Pelican	0.57	1.14	1.71	2.28	2.85	02
15	Owl	0.20	0.40	0.60	0.80	1.00	04
16	Leopard Cat	0.33	0.66	0.99	1.32	1.65	04
17	EMU	0.47	0.94	1.41	1.88	2.35	09
18	Elephant	6.00	12.00	18.00	24.00	30.00	03
19	Indian Peafowl	0.78	1.56	2.34	3.12	3.90	17

What adopters get in return :

- By adopting animals of this zoo, one can have the great feeling that he/she is practically participating in the conservation of our rich heritage.
- For adoption of an enclosure/ animal for more than Rs. 1.00000/- the adopter will be provided 12 Entry Coupons during the year, for adoption worth Rs. 50000/- or more, he will be provided 6 Entry coupons. Similarly for an adoption of less than Rs. 50000/- will be provided 3 Entry coupons.
- In case the adopter is a company, the signage of the company is allowed to be displayed near the enclosure.



ZOO EDUCATION PROGRAMME

At present, there is no education officer/curator in Bhagwan Birsa Biological Park, yet different types of zoo education programmes like celebration of wildlife week, Biodiversity Conservation Day and field training of wildlife health and hygiene for final year veterinary students and refresher training cum visit of forest guards during 2016-17 were conducted successfully.

Internship Training Programme for B.V.Sc. & A.H. Students :-

A ten days mandatory internship programme for Bachelor of Veterinary Science & Animal Husbandry students of Ranchi Veterinary College, Kanke, Ranchi was successfully conducted during April 2016 to March 2017 in different batches. The internship programme was focused on Zoo & Health Management of wild animals kept in captivity.

Interactive Session on ZIMS :-

A five days interactive training on Zoo Information Management System (ZIMS) was organised under direction of CZA at Bhagwan Birsa Biological Park from 5th -9th September 2016. In this training programme the resource person was Mr. Moin Ahmed from Species 360° and the participants from BBB Park, Ranchi, Tata Steel Zoological Park, Jamshedpur, Jawahar Lal Nehru Biological Park, Bokaro, Sanjay Gandhi Biological Park, Patna, Bihar, Indira Gandhi Zoo, Rourkela, Odisha & Nandankanan Zoological Park, Odisha were present.

During wildlife week (from 2nd October) elocution, essay and painting competitions on various topics related to the wildlife and its conservation were organized involving students of many schools situated in the Ormanjhi Block. Prizes were distributed among winning students. Shri P.C. Mishra, IFS, APCCF, Jharkhand, Ranchi graced the occasion as Chief Guest.

Govt. of Jharkhand has made mandatory for schools children to visit the tourist places in their extra curricular activities. As a result, many schools made zoo visit programme for their students during the year. The students were addressed by zoo official and had talk with zoo keepers.

In order to strengthen and diversify the zoo education programme, a modern audio – visual public education centre - cum – library has been built in the zoo premises. It is a two storey building of architectural grandeur. The ground floor of the building has modern audio visual facility while the first floor has library. Wildlife related films are screened to school children on special occasions. The theatre also serves the purpose of conference hall. The library on the first floor is having books & publications related to wildlife.





FEED GODOWN-CUM-KITCHEN

This facility catered well to the feed requirements of wild animals of the zoo in a very systematic manner. Different types of diets were prepared as per prescriptions of the competent body in the kitchen every day and served to the wild animals of the park. The work of preparing of various diets for animals required, as usual, utmost care and expertise from the staff of the zoo. Feed materials were procured from open market through tender. However, green fodder was mostly produced internally in the fodder plot of the zoo. Due importance was given to the quality and quantity of the feed article supplied to the zoo.

GARDEN SECTION

The zoo has around 5 acres of land under gardens or lawns at different places inside the zoo which was maintained and tended at regular intervals round the year. A big lawn-cum-garden by the side of the lake and another by the side of the audio-visual centre-cum-public library are centres of great attraction for visitors. Nearly 2000 potted plants were maintained throughout the year.



ANIMAL HEALTHCARE:

For taking care of animal health requirements, there is a full-time experienced veterinarian and a compounder in the zoo. They regularly monitor the health of animals and take suitable preventive and curative measures. In the need of external help, this is taken from Ranchi Veterinary Collage and also from local practicing private veterinarians or from other zoos.

- **Infrastructure for animal healthcare in the zoo.**
 - (a) A well equipped operation theatre.
 - (b) Isolation wards to facilitate treatment and nursing of sick / injured and orphan animals.
 - (c) A quarantine ward to house the rescued and newly acquired animals having small and big cells with open / closed nurseries.
 - (d) A well-equipped post-mortem room.
 - (e) A wood – based incinerator, to dispose the carcass of animals by burning.
- **Prophylactic Protocol**
 - (a) For control of endoparasitic load, screening of faecal samples of all captive inmates are being done at regular intervals and deworming at regular interval.
 - (b) For control of blood protozoan disease, periodic screening of blood samples is being done and Inj. Triquin (Quinopyramin sulphate and quinopyramin chloride) is administered twice a year.
 - (c) To prevent from feline Panleukopenia, Calcivirus and feline Rhinotracheitis in big cats vaccine Fel-o-Vax/Ronvac I/M is administered.





COMPLIANCE OF CONDITIONS STIPULATED BY CZA.

Compliance of the conditions stipulated by CZA letter no. F.No. 19-109/92-CZA (48) (Vol. V) (NS)/6968 dated 16.04.2015 is as given below :-

SL. No.	Condition stipulated	Compliance Status.
1(8)	(i) The elephant should not be kept chained. They should either be sent to rescue centres or should be kept in moated enclosure. Immediately	The elephants are being kept in moated enclosure. The retention of elephants in this zoo was allowed by CZA vide letter no. F.No. 26-1/2010 CZA (Vol-III) (M)/4172 dated 13.01.2014
1(9)	(i) The domestic geese kept in the big aviary should be removed from the zoo. (ii) The exotic birds like Budgerigars, Sulphur crested Cockatoos should be kept separately from wild birds. (iii) The cage for Red and other Munias, Weaver Birds and Doves kept near the entrance of the zoo is not suitable for these birds. It is a cage with wire netting on all the side and plywood at the bottom. It would be advisable to shift them in a permanent cage (10x10x10') with earth or sand flooring and branches for perching. There are too many birds in a cage. Not more than 15 birds should be kept in one cage. (iv) All the birds need to be identified correctly. Like in the inventory it is mentioned there are two Grey Pelicans but in fact there is one Rosy Pelican and a Dalmation Pelican. There is no Grey headed Fishing Eagle in the zoo but is mentioned in the inventory report. Help of expert organizations like BNHS could be taken for identification of the bird species and also for ringing of birds.	Complied.

SL. No.	Condition stipulated	Compliance Status.
2 (2)	There is no biologist employed for carrying out the behavioral studies on animals and birds in captivity which is also a requirement of CZA.	The post of biologist is under the process of sanction
4 (6)	The enclosure of Hornbill should be provided with stem bigger diameter with hollow where the bird could go inside. There should be more wooden perches in the aviary. Concrete perches should be removed. Effort should be made to pair up this bird. The cage is small for the Hornbill and it should be shifted in a bigger cage. 40x40x25' should be ideal for two birds. The design could also be sought from Nehru Zoological Park, Hyderabad.	Shall be complied in near future.
5 (2)	(i) The birds of prey including Owls and Black Kites should be given chicken meat with feathers. (ii) Entire day old chicken could also be provided. Birds should be provided with extra calcium supplementation like oyster shells. (iii) The pied Hornbill should also be given animal protein rich diet such as meals worms or mice.	Complied.
5 (9)	The feed store require modifications with rodent proof platform, storing facility and weighing facility.	Complied.
6 (1)	The veterinary hospital complex was found to be run down and require renovation with modern concepts.	It shall be complied in near future.
10 (1)	The zoo operator should record the detailed observation of the behavior of animals and birds and of the veterinary care provided.	Complied.

BIRTH OF ANIMALS DURING 2016-17

Sl. No.	Species	01.04.2016 TO 31.03.2017					
		M	F	U	Date of Birth	No. of Animals	Remarks/Place of Birth
1	2	3	4	5	6	7	8
1	Emu	-	-	1	17.01.2017	2	
		-	-	1	23.03.2017		
2	Indian Peafowl	-	-	8	28.05.2016	8	
3	Black Buck	-	-	4	28.05.2016	4	
4.	Albino Black Buck	-	-	2	28.05.2016	2	
	Jangle Cat	-	-	1	17.06.2016	1	
5.	Gaur (Bison)	1	-	-	17.06.2016	1	
	Macaque Rhesus	-	-	2	17.06.2016	2	



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Sl. No.	Species	01.04.2016 TO 31.03.2017					
		M	F	U	Date of Birth	No. of Animals	Remarks/Place of Birth
	Gharial	-	-	10	18.05.2016	27	
		-	-	10	17.06.2016		
		-	-	1	08.04.2016		
		-	-	1	28.04.2016		
		-	-	1	26.05.2016		
		-	-	1	09.11.2016		
		-	-	1	15.11.2016		
		-	-	1	28.11.2016		
		-	-	1	10.12.2016		
	Deer Barking	-	-	3	17.06.2016	3	
	Deer Sambar	-	-	4	10.01.2017	4	
8.	Deer Spotted	-	-	1	11.07.2016	22	
		-	-	1	15.07.2016		
		-	-	1	25.07.2016		
		-	-	1	28.07.2016		
		-	-	1	31.07.2016		
		-	-	1	20.08.2016		
		-	-	1	21.09.2016		
		-	-	1	17.10.2016		
		-	-	1	05.11.2016		
		-	-	1	07.12.2016		
		-	-	1	13.01.2017		
		-	-	1	15.02.2017		
		-	-	1	18.02.2017		
		-	-	1	08.03.2017		
		-	-	1	16.03.2017		
		-	-	1	21.03.2017		
		-	-	1	22.03.2017		
		-	-	1	24.03.2017		
		-	-	1	25.03.2017		
		-	-	1	26.03.2017		
		-	-	1	28.03.2017		
		-	-	1	29.03.2017		
9.	Lion cub	-	-	1	15.12.2016	1	
10.	Nilgai	-	-	1	06.11.2016	1	
11.	Parcupine Indian	-	-	3	20.07.2016	3	
12.	Cockatiel	-	-	2	28.02.2017	2	
13.	Ostrich	-	-	3	09.04.2016	9	
		-	-	6	01.12.2016		





RESCUE & REHABILITATION:

Sl. No.	Species	Sex			No.	Date	From where acquired
		M	F	U			
1	Nilgai (Blue Bill)	1	-	-	1	01.05.2016	Burmu Forest Range
2	Common Langur	1	-	-	1	27.05.2016	Deoghar Forest Division
3	Indian Peafowl (White)	-	-	5	5	02.10.2016	Dhanbad Forest Division
4	Palm Civet Cat	-	-	1	1	06.02.2017	Topchanchi Forest Range
5	Stripped Hyaena	2	-	-	2	03.02.2017	Lohardagga Forest Division
6	Stripped Hyaena	-	1	-	1	24.02.2017	Burmu Forest Range
7	Barking Deer Kid	-	1	-	1	06.03.2017	Ranchi East Forest Range

ANIMAL EXCHANGE/DISPOSAL DURING 2016 - 17

In order to enhance animal diversity & new gene pool following wild animals were exchanged between Bhagwan Birsa Biological Park, Ormanjhi, Ranchi and Nawab Wajid Ali Shah Zoological Park, Lucknow during the year 2016-17 under Animal Exchange programme :

S.N.	Species	Sex			No.	Date	From where	To Where	Remarks
		M	F	U					
1	Sloth Bear	1	1	-	2	05.03.2017	Bhagwan Birsa Biological Park, Ranchi.	Nawab Wajid Ali Shah Zoological Park, Lucknow.	
2	Leopard	-	2	-	2	02.03.2017	Nawab Wajid Ali Shah Zoological Park, Lucknow.	Bhagwan Birsa Biological Park, Ranchi.	

List of Animals as per Inventory Report as on 01.04.2016 to 31.03.2017

Sl. No.	Animal Name	Scientific Name	Opening Stock as on 1.04.2016				Births			Acquisition			Disposal			Death			Closing Stock as on 31.03.2017			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T			
	Pheasant		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T			
1	Peafowl Indian	Pavo cristatus	10	7	-	17	-	-	8	-	-	-	-	-	-	10	7	8	25			
2	Peafowl White	Pavo cristatus	2	2	-	4	-	-	-	-	-	5	-	-	-	1	-	2	1	5	8	
3	Hill Mynah igkM+h eSuk	Pseudibis papillosa	-	-	2	2	-	-	-	-	-	2	-	-	-	-	-	-	-	4	4	
4	Pelican Grey	Pelecanus philippensis	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
5	Swan		2	4	22	28	-	-	-	-	-	-	-	-	-	2	4	22	28			
6	Love Birds	Melopsittacus undulatus	-	-	134	134	-	-	-	-	-	-	-	-	-	-	-	-	-	134	134	
7	Common Pariah Kite	Milvus migrans	-	-	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	
8	Eagle	Ichthyophaga ichthyaetus	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
9	Grass Owl	Tyto capensis	-	-	2	2	-	-	-	-	2	-	-	-	-	-	-	-	-	4	4	
10	Eurasian Owl	Bubo bubo	-	-	4	4	-	-	-	-	1	-	-	-	-	-	-	-	-	5	5	
11	Emu	Dromaius novaehollandiae	2	5	9	16	-	1	-	-	-	-	-	-	-	-	2	5	10	17		
12	Golden Pheasant	Chrysolophus pictus	1	1	-	2	-	-	1	1	-	-	-	-	-	-	2	2	-	4		
13	Parrakeets	The green Prarrakeets	-	-	52	52	-	-	-	-	-	-	-	-	-	-	-	-	-	52	52	
14	Lalmuniya	The spotted munia	-	-	382	382	-	-	-	-	-	-	-	-	-	-	-	-	-	382	382	
15	Robin		-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
16	Koel	Eudynamis scolopacca	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
17	Cocka Teil	Nymphicus hollandicus	2	2	6	10	-	2	-	-	-	-	-	-	-	2	2	8	12			
18	Budgeriger	Melopsittacus undulatus	1	1	-	2	-	-	-	-	-	-	-	-	-	1	1	-	2			
19	White Ibis	Threskiornis melanocephalus	3	3	-	6	-	-	-	-	-	-	-	-	-	3	3	-	6			
20	Brahmi duck	Todorna ferrugi	1	1	-	2	-	-	-	-	-	-	-	-	-	1	1	-	2			
21	Titar	Francolinus pondicerianus	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
22	Adjutant stork	Leptoptilos dubrus	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
23	Black frankolin	Francolinus francolinus	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	
24	Night Heron	Nycticorax nycticorax	1	1	-	2	-	-	-	-	-	-	-	-	-	1	1	-	2			
25	Grey Heron	Ardea cinerea	1	1	-	2	-	-	-	-	-	-	-	-	-	1	1	-	2			

Sl. No.	Animal Name	Scientific Name	Opening Stock as on 1.04.2016				Births			Acquisition			Disposal			Death			Closing Stock as on 31.03.2017				
			1	1	-	2		-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2
26	Malard duck	Anas platyrhynchos	1	1	-	2		-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	
27	Mandrin duck	Aix galericulata	1	1	-	2		-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	
28	Lady Amherst Pheasant	Chrysolophus amherstiac	1	1	-	2		-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	
29	Hornbill	Anthracoceros albirustris	-	-	1	1		-	-	-	-	3	-	-	-	-	-	-	-	-	4	4	
30	Red Japanese Pheasant		-	-	1	1		-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
31	Ostrich	Strithio camelus	1	2	-	3		-	9									-	-	1	2	9	12
32	Silver pheasant	Lophura nycthemera	-	-	-	-		-	-	2	2	-	-	-	-	-	-	-	-	2	2	-	4
33	Black Swan	Cygnus atratus	-	-	-	-		-	-	1	1	-	-	-	-	-	-	-	-	1	1	-	2
34	Black Neck Swan	Cygnus melancoryphus	-	-	-	-		-	-	1	1	-	-	-	-	-	-	-	-	1	1	-	2
35	Red Lory	Eos bornea	-	-	-	-		-	-	1	1	-	-	-	-	-	-	1	-	1	-	-	1
36	Weaver bird	Ploceus philippinus	-	-	-	-		-	-		4	-	-	-	-	-	-	-	-	-	-	4	4
37	Zebra finch	Taeniopy guttata	-	-	-	-		-	-	-	-	5	-	-	-	-	-	-	-	-	-	5	5
38	Java Finch	Padda oryzivora	-	-	-	-		-	-	-	-	5	-	-	-	-	-	-	-	-	-	5	5
39	Quail	Coturnix coturnix	-	-	-	-		-	-	-	-	4	-	-	-	-	-	-	-	-	-	4	4
40	Kalij pheasant	Lophura leucomelanos	-	-	-	-		-	-	1	1	-	-	-	-	-	-	-	-	1	1	-	2
		Total Birds	30	33	636	699		-	20	7	7	31						2	-	37	38	687	762
Mammals																							
1	Bear Himalayan Black	Selenarctos thibetanus	3	3	2	8		-	-	-	-	-	-	-	-	-	-	1	-	3	2	2	7
2	Bear Sloth	Melursus urcinus	7	3	1	11		-	-	-	-	-	2	-	-	-	-	1	-	5	2	1	8
3	Cat Jungle	Felis chaus	4	3	1	8		-	-	1	-	-	-	-	-	-	-	-	-	4	3	2	9
4	Gaur (Bison)	Bos gaurus	3	1	-	4		1	-	-	-	-	-	-	-	-	-	-	-	4	1	-	5
5	Elephant Asiatic	Elephas maximus	2	1	-	3		-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3
6	Langur Common	Semnopithecus entellus	1	1	-	2		-	-	-	1	-	-	-	-	-	-	-	-	2	1	-	3
7	Leopard / Panther	Panthera pardus	3	1	-	4		-	-	-	-	2	-	-	-	-	-	-	-	3	3	-	6
8	Macaque Rhesus	Macaca mulatta	18	12	14	44		-	-	2	-	-	-	-	-	-	-	-	-	20	18	8	46
9	Hippopotamus	Hippopotamus amphibius	2	1	-	3		-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3

Sl. No.	Animal Name	Scientific Name	Opening Stock as on 1.04.2016				Births			Acquisition			Disposal			Death			Closing Stock as on 31.03.2017			
			7	10	5	22	-	-	3	-	-	-	-	-	-	-	1	-	-	7	9	8
10	Deer Barking Muntjac	Muntiacus muntjak	7	10	5	22	-	-	3	-	-	-	-	-	-	1	-	-	7	9	8	24
11	Deer Sambar	Rusa unicolor	9	13	13	35	-	-	4	-	-	-	-	-	-	1	-	-	14	17	7	38
12	Deer Spotted	Axix axis	62	76	31	169	-	-	22	-	-	-	-	-	-	1	-	-	74	91	25	190
13	Hyaena Stripped	Hyaena hyaena	3	2	3	8	-	-	-	2	1	-	-	-	-	-	-	-	5	3	3	11
14	Black Buck	Antelope cervicapra	21	14	1	36	-	-	4	-	-	-	-	-	-	-	-	-	21	14	5	40
15	Lion Hybrid	Panthera leo	1	2	-	3	-	1	-	-	-	-	-	-	-	-	-	-	1	3	-	4
16	Nilgai	Boselaphus Tragocamelus	2	5	-	7	-	-	1	-	-	-	-	-	-	1	-	-	1	5	1	7
17	Procupine Indian	Hystrix indica	2	2	3	7	-	-	3	-	-	-	-	-	-	-	-	-	2	2	6	10
18	Jackal	Canis aureus	4	4	5	13	-	-	-	-	-	-	-	-	-	-	-	-	4	4	5	13
19	Fox Common	Vulpes bengalensis	1	1	3	5	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	5
20	Palm Civet Cat	Paradoxurus hermapnroditus	3	1	-	4	-	-	-	-	-	-	-	-	-	1	-	-	2	1	-	3
21	White black Buck	Antelope cervicapra	3	4	3	10	-	-	2	-	-	-	-	-	-	-	-	-	3	4	5	12
22	Tiger	Panthera tigris tigris	2	1	-	3	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3
23	Leopard Cat	Prionailurus bengalensis	2	4	2	8	-	-	-	-	-	-	-	-	-	1	-	-	1	3	3	7
24	Wild Boar	Sus scrofa	-	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	4
25	Slow Loris	Nycticebu bengalensis	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2
21	White black Buck	Antelope cervicapra	3	4	3	10	-	-	2	-	-	-	-	-	-	-	-	-	3	4	5	12
22	Tiger	Panthera tigris tigris	2	1	-	3	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3
23	Leopard Cat	Prionailurus bengalensis	2	4	2	8	-	-	-	-	-	-	-	-	-	1	-	-	1	3	3	7
24	Wild Boar	Sus scrofa	-	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	4
25	Slow Loris	Nycticebu bengalensis	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2
26	Indian Giant Squirrel	Ratufa indica	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	1	1	1	3
		Total Mammals	166	169	88	423	1	1	42	4	4	1	2	-	-	3	5	-	185	195	86	466
	Reptiles																					
1	Gharial	Gavialis gangeticus	1	2	3	6	-	-	10	-	-	-	-	-	-	-	-	-	1	2	13	16
2	Crocodile Marsh	Crocodylus palustris	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
3	Python	Python molurus molurus	1	1	5	7	-	-	-	-	-	-	-	-	-	-	-	-	1	1	5	7

Sl. No.	Animal Name	Scientific Name	Opening Stock as on 1.04.2016				Births			Acquisition			Disposal			Death			Closing Stock as on 31.03.2017			
4	Russel's Viper	Viperra russelli	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
5	Sand Boa	Eryx conicus	1	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	4
6	Moniter Lizard	Varanus salvator	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
7	Water Moniter Lizard	Varanus salvator	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
8	Banded Karait	Bungarus fasciatus	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
9	Cobra Spectacled	Naja naja	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
10	Karait	Bungarus caeruleus	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	2
11	Keel Back	Yenochrophis piscator	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3
12	Trinket Snake	Coelognathus helena	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
13	Rat Snake	Ptyas mucosus	1	1	1	3	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	3
14	Green pit viper	Trimeresurus gramineus	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
15	Cat Snake	Boiga trigonata	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
16	Sand Boa red	Eryx johni	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
17	Tortoise Indian Star	Geochelone elegans	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
		Total Reptiles	5	5	39	49	-	-	10	-	-	-	-	-	-	-	-	-	5	5	50	60
		Total Animals	201	207	763	1171	1	1	72	11	11	33	2	-	-	3	7	-	227	238	823	1288



DEATH REPORT FOR THE YEAR 2016-17 (01.04.2016 TO 31.03.2017)

Sl. No.	Animal Name	Scientific Name	Sex	Date of death	Reason of Death
1	Leopard cat	Felis bengalensis	F	06.05.2016	Cardio-Respiratory failure as a result of cystitis
2	Himalyan Black Bear	Ursus thibetanus	F	13.07.2016	Cardio- Respiratory due to septicaemia as per result of chronic capsulated abscess & nephritis in old age.
3	Barking Deer	Muntiacus muntjak	F	19.10.2016	Cardio- Respiratory failure as geriatric complications with enteritis
4	Indian Pea fowl (white)	Pavo cristatus	F	29.10.2016	Cardio-Respiratory failure as a result of pneumomia.
5	Nilgai	Boselaphus tragocamelus	M	15.11.2016	Cardio-Respiratory failure due to hypovolumic shock & puncture of lungs.
6	Spotted Deer	Axis axis	M	21.11.2016	Cardio- Respiratory failure as cardiac arrest due to infighting between males.
7	Red Lory	Eos bornea	F	14.12.2016	Cardio- respiratory failure as a result of hypovolumic shock due to cardiac tamponade.
8	Palm Civet Cat	Paradoxurus nermaphroditus	M	03.01.2017	Cardio- Respiratory failure as a result of old age & pneumonia.
9	Sambar	Cervus unicolor	F	13.01.2017	Cardio- Respiratory failure due to infighting (Hypovolumic shock)
10	Sloth Bear	Melursus ursinus	F	18.01.2017	Cardio- Respiratory failure as a result of haemorrhagic gastro-enteritis and pancreatitis.



VISITORS' VIEWS

The zoo has several good qualities-natural habitat, large naturalistic exhibit, the signages have adequate information. The team working under leadership of the director is very dynamic. The elephant exhibit has natural features. The animals were seen healthy, in coming years I am confident that it shall come up as model zoo for the region.

Dr. Brijkishore Gupta,

Evaluation & Monitoring Officer, CZA, New Delhi.

This is my first visit to this zoo, I am delighted. This zoo has got immense scope for improvement and development. The only zoo which is having its natural setting, which is unpanelled. You don't feel that anything is artificial. I hope best for the zoo.

B.N. Jha,

Ex. PCCF & Hoff, Bihar

It was my first visit to this zoo and it has really captivated my imagination particularly the Himalayans bears, Snake enclosure to name a few. The entire habitat is very good and is well maintained by the staffs of the zoo. I have really enjoyed my time here and I will surely visit again.

Mrs. Sanchita Das

New Judges Bungalow, Ranchi

I along with my family visited the Bhagwan Birsa Biological Park. We have been highly impressed due to its natural ambience. Animals are being well taken care of. The management being headed by its director deserves all admiration for his untiring efforts in protecting the animals including rare species. I wish all the best.

Justice P. Patnaik,

New judges , Ranchi

Birsa Munda Zoological Park is pride of Jharkhand. It is very well maintained, people friendly and most importantly "a home away from home" for the animals. The facilities, maintenance, signage guides, are all excellent. The dense forests at the Park seem quite natural to Jharkhand, the land of forests, beautiful waterfalls and rivers. I appreciate the hard work of the Director and all the staff in the upkeep of the Zoological Park,

Amit Khare, IAS,

Principal Finance secretary,

Nidhi Khare, IAS,

Secretary, Commercial Taxes, Government of Jharkhand.

Our visit to the Bhagwan Birsa Biological Park was a very pleasant surprise. The zoo is very well maintained, the animals look very healthy & happy. We must thank the Director & his staff for looking after us so well. Our 6 year old daughter loved the new baby Hippo "vijay" and "Samrat" the elephant.

Dr. Divya Singh, Mr. Abhi Singh & Dia

Surrey, U.K. , London.

Excellent maintained zoo. One of the best in the country. Animals are very healthy and roaming in the natural habitat. Hard to believe that such a clean, maintained zoo does exist here. Congratulations to the zoo Authority and the present management.

Dr. M. P. Singh,

Former Vice Chancellor, Vinoba Bhave University, Hazaribagh, Jharkhand.

The zoo has good enclosures for species as per its requirement. The vegetation in the zoo is superb and the zoo is well maintained, my appreciation goes to the director and management of the zoo. Please keep it up and upgrade the zoo to the category of large zoo.

Dr. M. Navin Kumar,

Deputy Director, Nehru Zoological Park, Hyderabad.

Well maintained facility. Animals displayed in naturalistic setting & healthy. Could be made friendly for disabled persons also.

Bipul Chakrabarty,

Director, Tata Steel Zoological Park, Jamshedpur.

This journey of mine to Ranchi culminated in the visit to Bhagwan Birsa Biological Park. Have visited a number of zoo, however I must say this is one of the best. Here not only the animals & birds are healthy, well looked after, but find the zoo staffs are willing workers, their love for looking after animals cannot be described in words it seems the Director is taking care of all including the staff very well. I wish him and the zoo all the best.

Mr. B.M. Choudhury,

Ex- Principal ITI, Govt. of Odisha

This is my second visit to this Biological Park. I have seen large number of such parks in and outside this country. I must say the maintenance of this Park is one of the best. Animals are in their pink of health. I appreciate the effort put in by the Director to maintain this high standard. The morale of workers are high.

Dr.(Maj) S.K. Behera,

Prof of Radio diagnosis, Gurgaon.

Birsa zoo has improved in many ways and provide opportunity to experience wildlife in near natural environment with wide variety of wild animals, it is a good example of eco-tourism. I wish everyone involved in management of zoo, success in their endeavour to provide such a beautiful zoo near to the city of Ranchi. Best wishes.

Sunil Kumar Barnwal, IAS,

Secretary to CM,
Govt. of Jharkhand

It was a nice experience to take a round in Birsa Zoo along with the Director and the Palro and PCCF Mr Pradeep Kumar, The animals were healthy and welcoming. Hopefully the zoo will improve further and will prove to be one of the best zoo in East South India.

Dr. Hari om Pandey

Associate Prof. Dept of Chemistry,
Ranchi University, Ranchi.

I had come here about 10 years ago. Today I have been around the whole zoo and find that the zoo is in excellent condition with healthy animals which are multiplying. I found lot of rush as well as interest in staff towards inmates of the zoo. Now I can say that this zoo is competing with National Zoo of New Delhi.

M. K. Sharma, IFS (Rtd.)

B. 24, Beta – I, Greater NOIDA

Very well maintained and attractive place. The dedication of officers and staff in maintenance and upkeep is commendable. A place of pride for Jharkhand.

A. K. Singh

DIR (Comml) Retd, MECON

Feels like seeing animals in this natural habitat each of them were happy and smiling – a great compliment to the zoo Director and Staff ! Great Job !!

S. K. Satapathy,

Pr. Secy, WR and RWD, Govt. of Jharkhand.

I really enjoyed watching wild animals in the zoo and the maintenance and keeping of the animal by the Staff of the department is appreciable. They all co-operated with us and made us to visit the entire campus.

Justice D. N. Upadhyay,

Jharkhand High Court, Ranchi.

Excellent facility. Enjoyed the visit very much. We need more spaces like this in India and the world. It has been a memorable tour!

Alok Chaturvedi, Chandani shah, Nieole Ellis, GORAN CALIE

Purdue University. West Jafayette, In 47907

Really it was wonderful experience to have real round of this zoo. I came to know that amongst the zoo in India, it is having best habitat to have breeding of the animals. Keep it going on. I think it is only way to conserve the endangered animals. I wish it all the success.

Justice R. R. Prasad,

Judge, Jharkhand High Court, Ranchi.

Bhagwan Birsa Biological Park is one of the best biological park I have seen ever in the country. The awareness for conservation of the wild animals and wilderness is being disseminated among the people with great enthusiasm by the zoo authority people. I wish all success.

Dr. Braj Kishor Sinha,

Deptt. of Zoology, SSM. College, Ranchi.

It has indeed been a great pleasure to visit the zoo. The way it has been kept and maintained is really impressive. We could see and feel how well and vigilantly the animals are taken care of. I must compliment the entire administration and staff. I appreciate the hard work put in by them.

Sanjay Mehli, Adv.

Udyan Marg. Ellis Bridge, Ahmedabad, Gujrat.

Activities during 2016-17







Bhagwan Birsa Biological Park, Ormanjhi, Ranchi
JHARKHAND ZOO AUTHORITY

Website : www.jharkhandzooauthority.org | Email : jharkhandzooauthority@gmail.com
Contact : 9470590734, 9470590742