

**KAMLA NEHRU PRANI SANGRHALAYA , INDORE**

**INDORE MUNICIPAL CORPORATION**

**ANNUAL REPORT**

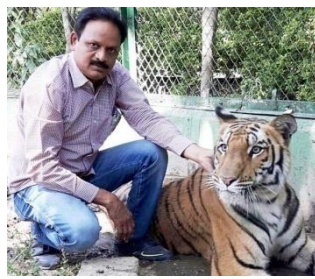
**2016-2017**

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**Director's Message:    *Dr. Uttam Yadav, Director – Indore Zoo***



It brings me great pleasure to bring out this annual report for the year zoo 2016-2017, which highlights some of the immense work done at Indore Zoo during this period.

Fundamentally the establishment of Zoo is aimed at ex-situ conservation breeding, education and research. Indore zoo is currently housing 56 indigenous and exotic species numbering around 587 specimens.

The breeding programs especially for lions, tiger, Ghariyals, fox has given excellent results. Indore Zoo has been attracting lakh of visitors every year and visitor facilities include clean and green gardens, information kiosks, canteen, parking etc.

I am thankful to Smt. Malini Laxmansingh Goud, Hon. Mayor of Indore, Shri Manish Singh, IAS ; Commissioner - Indore Municipal Corporation and Shri Rohan Saxena; Addl. Comm – IMC (Zoo) for their immense support and guidance in management of Indore Zoo.

I also would like to acknowledge and thank my support team and staff for their dedication and hard word which has together resulted in over all development of the Zoo.

**[www.indorezoo.in](http://www.indorezoo.in)**

**Education Officer's Message: Er. Nihar Parulekar, Curator & Edu. Officer**



Zoo is an institution which is committed to the conservation and welfare of wildlife. It is not only a place to see but also a place to learn and contribute. From our specialized conservation breeding program to dedicated research and internships, we at Indore Zoo constantly thrive to provide our visitors with best possible experiential learning visit.

Animals at the zoo are ambassadors for their cousins in the wild. From constantly working to provide our animals with naturalistic and enrichment filled moats to taking care of their nutritional needs and hygiene protocol, our ground team at Indore zoo work hard to fulfil all the criteria laid down by CZA to provide best housing for our wild inmates.

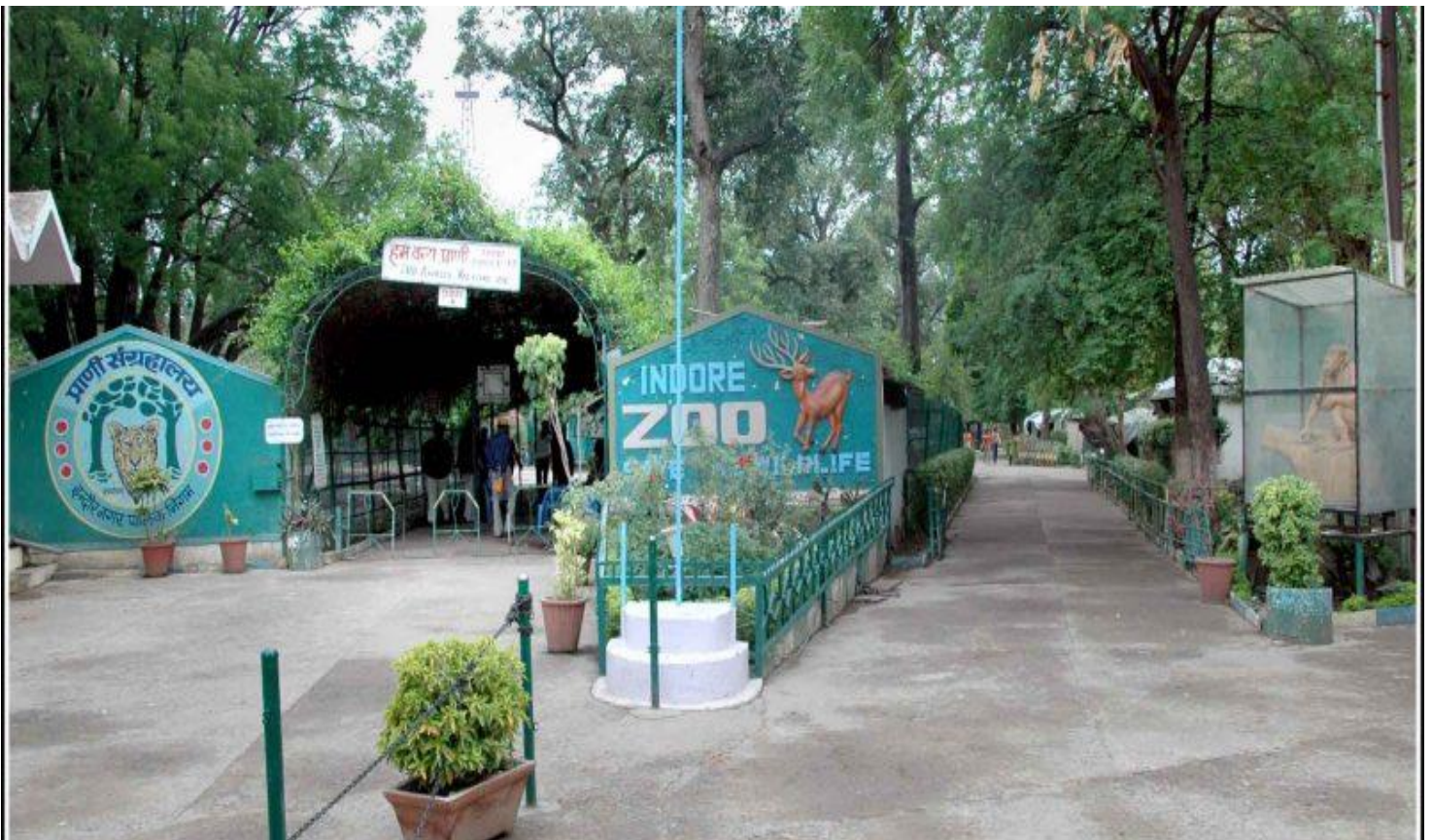
With special focus on Wildlife education, we have initiated many workshops, seminars, carnivals, outreach modules for schools and guest talks to facilitate our visitors with best opportunity to learn and contribute towards conservation.

I would personally like to thank my Director – Dr. Uttam Yadav for his guidance and support in designing and successfully implementing all educational events at the Zoo. I am also thankful to all our volunteers, media partners and visitors for helping us grow and mature as a conservational educational organization through their participation.

[www.indorezoo.in](http://www.indorezoo.in)

**About us:**

*Kamla Nehru Prani Sangrahalaya or Indore Zoo* is a zoological garden located in Navlakha, Indore is fully owned and managed by Indore Municipal Corporation. This is the largest zoological garden of the state and one of the oldest zoological parks of Madhya Pradesh spread over an area of 52 Acres.



**KAMLA NEHRU PRANI SANGRAHALAYA**

[www.indorezoo.in](http://www.indorezoo.in)

### **Our Vision:**

Our vision is to be the leading ex-situ conservation organization in the country with a world class facility for Wildlife Conservation and Education.

### **Our Mission:**

Our Mission is to mobilize communities to commit to the conservation of wildlife. We will achieve this by connecting people through following ways:

- > **Leading the Way** by communicating and demonstrating the role of conservation and research in all we do.
- > **Opening the door** by providing exceptional wildlife education that reach beyond the boundaries of our campuses.
- > **Catalysing action** through inspiring experiences that motivate participation, leading to conservation and sustainability outcomes through conservation breeding and exemplary animal welfare and care.

### **ZOO GOAL:**

Indore Zoo is an ex situ conservation and breeding centre which thrives to emerge as a dedicated conservation, research and education facility for all wildlife enthusiast.

Zoo has a tagline as follows which is religious followed by all our staff members:

***To Conserve, Educate and Re create!***

Apart from serving as a conservation centre, Education is given as a top priority at Indore Zoo. From educational signage to talk shows, workshops, events and seminar; we are dedicated to achieve our common goal of Awareness to Action to produce future wildlife ambassadors!



**[www.indorezoo.in](http://www.indorezoo.in)**

**NEWS from our Zoo Hospital:**

Zoo has a dedicated Veterinary hospital and staff to ensure 100% fitness and care for all our inmates!

Hospital is equipped with all the necessary facilities to meet any emergencies.

Most dedicated features which make it top notch are as following:

- > Operation Theatre
- > Medical Store
- > Quarantine Wards
- > Recovery Wards
- > Neonatal care unit
- > Incubator

**New Borns for the Year:**

**1. Birds:**

- > *White Peafowl* – 5
- > *Rose Ringed Parakeet* – 5
- > *Cockatiel* – 14

**2. Mammals:**

- > *Black Buck* – 1
- > *Jungle Cat* – 2
- > *Fox* – 4
- > *Chinkara* – 1
- > *Asiatic Lion* – 2
- > *Sambar Deer* – 5

**3. Reptiles :**

- > *Gharials* – 30

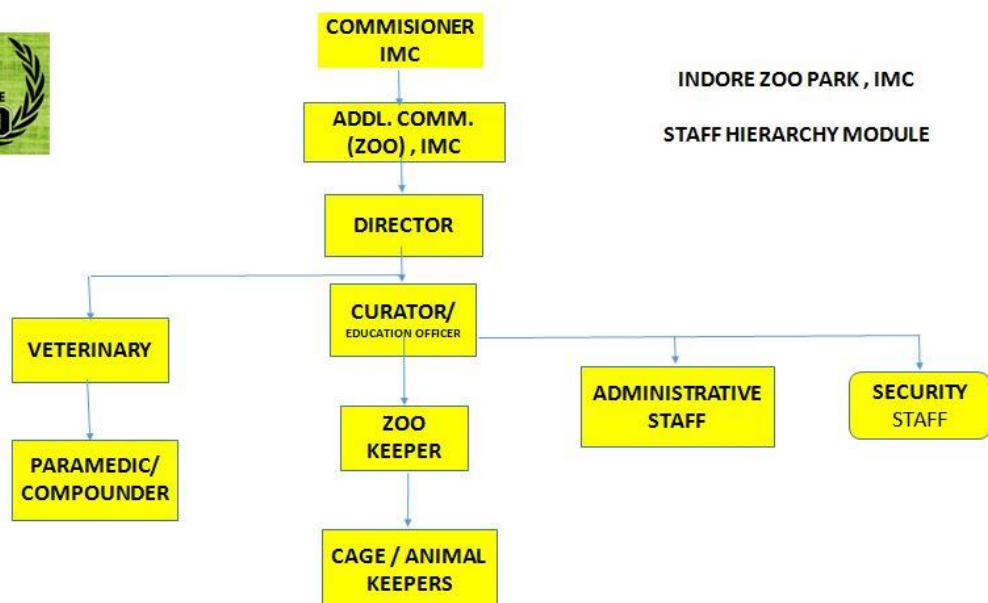


[www.indorezoo.in](http://www.indorezoo.in)



## Our Staff

The Zoo has a dedicated staff of around **120 employees** along with **Engineering and Gardening section**, with a working hierarchy as following:



## **SPECIAL FEATURES**

> Established in 1972.

> Total Area – 52 Acres.

> Houses 56 species, 587 specimens of Mammals, Reptiles, Birds and Rodents

> Successful breeding of indigenous species Asiatic Lions, Bengal Tigers, Black Buck, Ghariyals, Python and birds.

> Most Economical Entry fee (Rs 10/- for all) catering to all sections of the society.

> Zoo Outreach Education Van

> Open Butterfly Park

> Institution covered by 50 Security Cameras, 30 Public Addressal System

> Top Class public amenities such as Lawns, Kiosks, Toilets, Clock Room, Refreshment centre, Kid's Play Arena, Wheel chair, etc.

\*\*\* Footfall for the Year 2016-2017: **12, 26, 736**



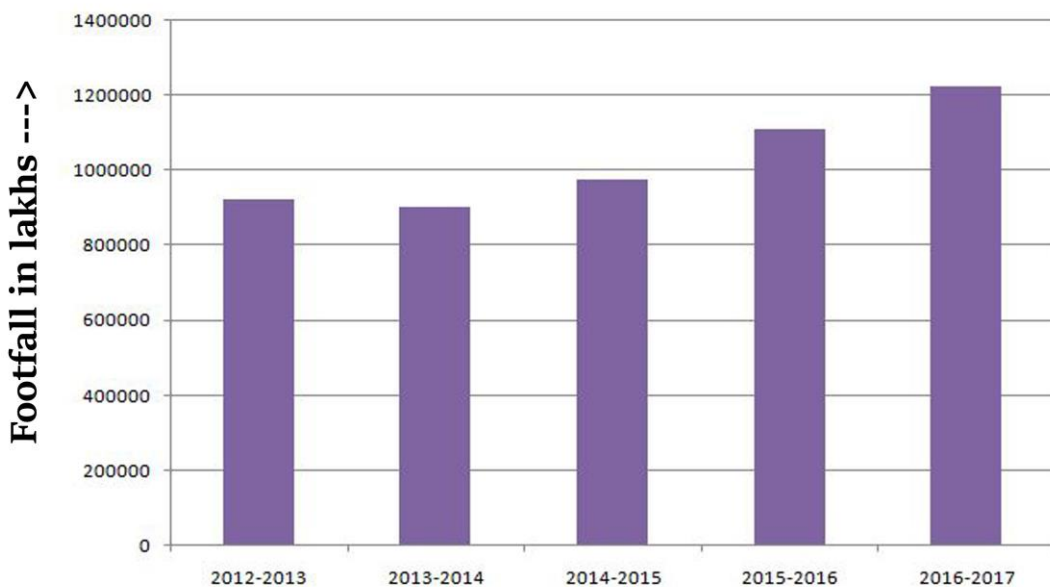
## Visitation and Revenue

Indore Zoo is open to public from Tuesday to Sunday (6 Days) and every Monday is a Zoo holiday. The Tariff for entry into the Zoo is Rs 10/- for 3 years and above.

## Timings of the Zoo

March to June: 9:00 AM to 7:00PM, July to Feb: 9:00 AM to 6:00 PM

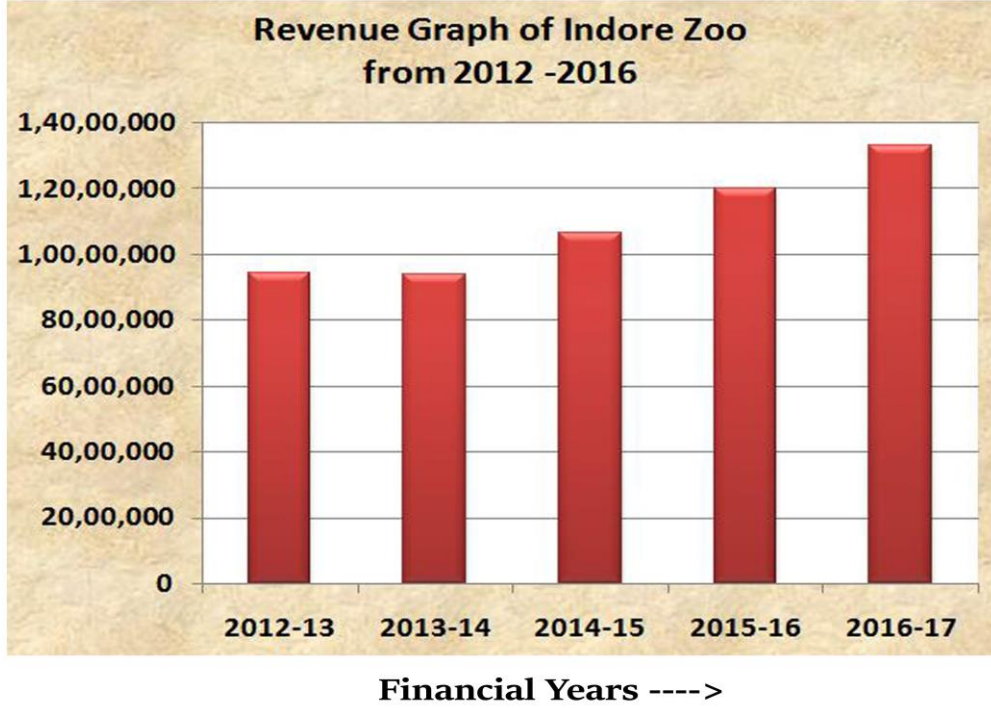
**Indore Zoo Footfall  
from 2012-2017**



Financial Year	Footfall in Lakhs
2012-2013	924922
2013-2014	901935
2014-2015	977251
2015-2016	1111818
2016-2017	1226736

**Financial Year --->**

Revenue in Lakhs (Rs) ---->



Financial Year	Revenue in Rs
2012-13	94,21,907
2013-14	93,78,400
2014-15	1,06,57,536
2015-16	1,20,10,770
2016-17	1,32,90,596

## रविवार और नया साल : चिड़ियाघर में बॉक्स ऑफिस की तरह भीड़

इंदौर। नगर प्रतिनिधि

42 साल में कमला नेहरू प्राणी संग्रहालय में पहली बार 30 हजार से ज्यादा दर्शक नए साल के पहले दिन रविवार को आए। इससे पहले का 20 हजार दर्शकों का अधिकतम रिकॉर्ड व्हाइट टाइगर रिद्धि-सिद्धि के जन्म दिन पर 7 मार्च 2008 का था। रविवार को जू के बाहर किसी सिनेमा हॉल में हिट फिल्म के लिए टिकट काउंटर पर लगने वाली लंबी-लंबी लाइन का नजारा था।

जू को सुबह 8.30 बजे खोल दिया गया था। इसके बाद लोगों के परिवार के साथ आने का क्रम शुरू हो गया था। सुबह 10.30 बजे के बाद से काउंटर पर कतारें लगाना शुरू हो गई थीं। जू के अंदर और बाहर बड़ी संख्या में लोग जूट हुए थे। भीड़ बढ़ने के बाद दर्शकों को बाहर निकलने के लिए दो नंबर गेट भी खोल दिया गया। एजुकेशन ऑफिसर निहार पारुलकर ने बताया कि 1974 से अब तक पहली बार इतनी बड़ी संख्या में लोग आए हैं। इससे पहले रिद्धि-सिद्धि के जन्म दिन पर 20 हजार और 25 दिसंबर को क्रिसमस पर 18 हजार दर्शक पहुंचे थे।

**1974** से अब तक पहली बार इतनी बड़ी संख्या में लोग आए | **2008** में व्हाइट टाइगर रिद्धि-सिद्धि के जन्म पर आए थे 20 हजार दर्शक



42 साल में पहली बार इंदौर के चिड़ियाघर में 30 हजार से ज्यादा दर्शक नए साल के पहले दिन पहुंचे।

## Other Pipeline Projects underway:

- > Battery Operated Vehicle for children and adults for internal zoo visit
- > Construction of Mega Zoo Main gate with high-tech ticketing counters and tungsten swipe entry booths with cameras and PA system for better public management.
- > Souvenir Shop for children and visitors to immortalize zoo visit through souvenir items.
- > Zoo Library to cater to student, wildlife enthusiasts and researchers of all age groups.
- > New Animal moats and garden development as per approved master plan of CZA.

## मॉडल प्रोजेक्ट : एक करोड़ में बनेगा नॉलेज सेंटर, तीन महीने बाद शुरू होगा काम जू में जानवरों पर हो सकेगा शोध

इंदौर। रामकृष्ण मुले

कमला नेहरू प्राणी संग्रहालय में प्रदेश का पहला जू नॉलेज सेंटर बनेगा। 100 बाय 100 वर्गफीट में बनने वाले इस सेंटर के लिए 1 करोड़ रुपए खर्च होंगे। इसमें प्रदेशभर के वेटरनरी और साइंस के छात्र 150 प्रजातियों के जंगली जानवरों पर शोध कर सकेंगे। यहाँ वन्य जनजीवन और वन्य प्राणियों के साथ होने वाले अपराधों की जानकारी भी दी जाएगी।

सेंटर का काम तीन महीने बाद शुरू किया जाएगा। इसके लिए मुख्य द्वार के दायीं तरफ जगह चिह्नित की गई है। इसे एक साल में पूरा करने का लक्ष्य रखा गया है। यह सेंटर देश के अन्य चिड़ियाघरों



चिड़ियाघर में मुख्य द्वार के दायीं तरफ सेंटर के लिए जगह चिह्नित की गई है।

के लिए प्रोजेक्ट मॉडल की तरह होगा। इसमें घोर की खाल, भालू के बाल और हाथी दांत रखे जाएंगे। दर्शक इन्हें छू सकेंगे। इन्हें सहजने के लिए हैदराबाद,

जयपुर, विशाखापट्टनम सहित अन्य चिड़ियाघरों की मदद ली जाएगी।

**स्लोगन लिखे उत्पाद होंगे:** भवन में एक शांप होगी जिसमें वन्य जनजीवन

### समझ सकेंगे बारीकियां

सेंटर में विशेषज्ञ चित्रों और डमी मॉडल से वाइल्ड लाइफ क्राइम की जानकारी देंगे। इसमें बताया जाएगा कि अगर किसी व्यक्ति का जंगली जानवर शिकार करता है प्रारंभिक स्थिति क्या मिलती है, जबकि जंगली जानवर का शिकार होता है तो उस दौरान घटनास्थल की क्या स्थिति होती है। वन्यजीव विशेषज्ञों की जांच के तीनों घरणों का खुलासा किया जाएगा। यहाँ जानवरों के अंगों के साथ उनके अपशिष्ट और हर जरूरी चीज होगी, जो वेटरनरी छात्रों के शोध के लिए लगती है। इसमें एक विशेष

कक्ष होगा, जिसमें वे इसकी बारीकियां समझ सकेंगे। इसमें वे नोट्स बना सकेंगे।

### प्रदेश का पहला सेंटर

प्रदेश में इंदौर, भोपाल और ग्वालियर में चिड़ियाघर हैं। ये प्रदेश का अपने तरह का पहला सेंटर होगा, जिसमें वेटरनरी और विज्ञान छात्र शोध करेंगे। वन्य जनजीवन की जानकारी के हिसाब से इसमें बहुत कुछ होगा।

-**डॉ. उल्लम यादव**, चिड़ियाघर प्रभारी

और पर्यावरण संरक्षण का संदेश देने वाले स्लोगन लिखे उत्पाद होंगे। लोग यहां से टीशर्ट, कैप, पेन, ब्रेसलेट जैसे 60 से अधिक उत्पाद

ले सकेंगे। 40 की क्षमता वाला एक थियेटर भी होगा। इसमें वाइल्ड लाइफ पर आधारित शॉर्ट फिल्में दिखाई जाएंगी।

## **Zoo Education:**

Education is fundamental to our commitment to conservation. Since the inception, Indore Zoo is offering engaging programs that educate our community about wildlife, help visitors feel connected to animals, and motivate them to take action to preserve the natural world.

Year around programs for all ages are conducted to bring the excitement of learning about wildlife. Tens of thousands of children and adults attend classes, programs, special events, workshops and outreach programs.

Opportunities to learn are throughout the zoo, from educational signs and interactive, to encounters with zookeepers. And of course, just watching our animals during zoo guided tours were made an educational experience.

Indore zoo has grown as a conservation educational institution over the years. Various new and unique initiatives have been taken up by the zoo to give impactful wildlife educational experience to our visitors. For doing so, our group of volunteers from ARPF – India and other animal welfare NGOs has played a major role in shaping our educational module.

Few initiatives taken up this year by the zoo as as follows:

- **Launched Zoo Ambassador Network:** Largest in the state, this network offered wildlife enthusiasts to stay connected, learn and contribute towards zoo educational outreach and zoo news.

Total Signups: 559



- **Specialized Education Workshops:** We conducted special educational workshop based on species and environmental days to engage and educate visitors, students on short educational projects. Every month one workshop was held at Zoo Conference room which shortly saw an increase in the participation numbers due to our unique modules.

Some of the Workshops held: *Young Zoo Keeper, Zoo Keeper for a Day, Know your Reptile, Which Avian is it?, Dig your Reptile, Mega Jumbo class, etc.*

- **Zoo SnooZee Program:** Special Zoo Snooze workshop was held for the first time in the state to give visitors specialized experience of walking through the ex situ habitat and watch our nocturnal animals active.
- **Environment Days celebrations:** Special Environmental days and activities were conducted to keep visitors hooked on to our conservation educational efforts. Visitors were educated and involved in various fun related activities to learn importance of wildlife conservation and biodiversity importance. Each environmental day were outreached through our media network for the city to learn and gain.



**Days celebrated were as follows:**

1. Tiger Day
2. Elephant Day
3. Lion Day
4. Wetland Day
5. Earth Day
6. Sparrow Day
7. Environment Day
8. World Ocean Day
9. World Forest Day
10. World Water Day
11. World Migratory Bird Day., etc

- **World Wildlife Week:** Amidst much fanfare, wildlife week was celebrated as a grand carnival at Indore Zoo. A week filled with special guest lectures, NGO stalls, environmental games, Drawing/Painting/Quiz activities for schools, zoo clean drives, special talk and feeding shows for students and visitors were held.

Experts on 4 topics were flown in from different parts of the country to educate our visitors and students on specialized conservation challenges and issues. Mega Plantation drives were held and students were educated about the importance and role of Zoo in ex situ conservation.

- **Weekly shows/Activities:** 10 Zoo Corps have been trained who help zoo staff on every weekend and public holiday in vandalism control, zoo guided tours and educational shows. Special Snake Awareness shows, Animal Feed Shows are held every Sunday to educate mass visitors about wildlife and its eco habitats.
- **Specialized Internships:** Special Wildlife internships are held for students from various institutions on wildlife and zoo conservation for free of cost. Students are trained and educated on importance of Wildlife and Zoo role in conservation.
- **Paper contribution for International E- Journal:** A paper on Zoo role in rescue, treatment and rehabilitation as well as research in terms of Non Target birds stuck in Glue Traps was published on behalf of Indore Zoo in Ela Foundation Vol. 5, issue 4.

## Visitors benefitted from Zoo Education Activities from June 2016 to March 2017

Private School Students:	24,834.
Government School Students:	2,374.
Other Institution/NGO's:	9,113.
Workshops/Guided Tours:	36,321.
Internship :	487.
Environment Days:	11,569.
<b>Total:</b>	<b><u>84,698</u></b>

### Other Non Assessed Educational initiatives/modules:

- > Zoo Education Boards.
- > Social Media E learning portals (FB, Website).
- > Open Educational Talk Shows at animal Moats.

> **Zoo Education Van:** Developing first of its kind in the state, Zoo Education van for wildlife and ex situ conservation outreach for underprivileged and rural target groups.



## **PHOTOS OF ACTIVITIES**







## MEDIA ARTICLES OF ACTIVITIES

### City kids' day out with tigers

TIMES NEWS NETWORK

Dharmendra Khatke

**Indore:** The city folks had a unique experience on Friday as they witnessed live feeding of an 18-month-old Tiger at Indore Zoological Park. While the crowd could not control their excitement as they saw Lucky, Royal Bengal tiger who was raised by a female black laborator being fed by the zoo authorities, school students present there had many reasons to be astounded.



Children take part in a drawing competition at Zoo on Friday

Celebrating International Tiger Day on July 29, Indore Zoo along with ARPF organised a series of events for students and city residents to create awareness about tigers and inform them about animals and their behaviours. "Tigers are generally fed in late evenings around 7:30 pm after all the visitors have left. This was

the first time when a tiger was fed in front of the public," said Nihar Parulekar, curator and education officer, of NGO Animal Rehabilitation and Protection Front (ARPF).

Parulekar further added, "Lucky is a friendly tiger as it is born and brought up by human hands. He is comfortable

with people around."

"Volunteers had arranged a guided tour of the zoo and it was very fascinating. They also informed about how snake's venom, which can prove fatal for human beings, is an indispensable part of their lives," said Satish Nagraj, Class VIII student.

"I learnt about how tigers mark their territory. It is either by scratching or urinating which smells like butter popcorn. I also got to know the scientific name of tigers which is Panthera Tigris," said another student Arpita Thanwar.

A quiz competition was also organised for the students after the tour. "Students were very inquisitive during the guided tour and performed well in quiz competition as well. Even if they didn't know any answer, they weren't hesitant to ask about it," said Ananya Chouksey, volunteer, ARPF.

Along with this, slogan and poster making competition was also organised for the students after they attended an expert talk on Tigers, which was conducted by Aishani Jain, volunteer of ARPF.

### अवेयरनेस के लिए जूम में स्नैक शो

विभिन्न प्रजाति के साँपों को देखने के लिए जमड़ी भौड़



प्लस बिंदेट  
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इंदौर अगर आप साँपों की रंग में स्नैक शो में हैदराबाद के एनिलल सिमिन्टेशन ऑफ प्रोटेक्शन ग्रेट एनिलीओ के सदस्यों ने साँपों की जानकारी दी। सातवा दिन पर कलकत्ता ने बड़वा, इस शो का उद्देश्य साँपों को जानक करण है। साँपों के मन में धरणा होने है कि, साँपों को बड़े ही, लेकिन ऐसा नहीं है। साँपों के बड़े ही को नुकसान नहीं पहुँचाता।

हैदराबाद की टीम ने विज्ञान जागरूक

पाँच प्रजातियों की जानकारों की एजागीक के सदस्यों और जू कर्मचारी गम्बर नाथ ने रसल बाघर, कोबरा, ग्रेट स्नैक, काला साँप को और साँपों के बारे में बताया। इन्हें दर्शकों को दिखाया। उन्होंने कहा, रसल बाघर और कोबरा बहुत खतरनाक होते हैं। इनके काटने से जाना जा सकता है। बाकी साँप के काटने से शरीर के शहर वाली पृष्ठ है।

साँप दिखते तो टेमान करे

साँप काटें तो ये करे

साँपों की काटने का दुःख नगरपाली अनामल पुरी, कलकत्ता का सिमिन्टेशन ग्रेट एनिलीओ के सदस्यों ने साँपों की जानकारी दी। साँपों के बड़े ही को नुकसान नहीं पहुँचाता।

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### Children to be Indore zoo keepers for a day

TIMES NEWS NETWORK

Dharmendra Khatke

**Indore:** City children will soon get an opportunity to become keepers at Kamla Nehru Zoo. The novel scheme is a part of zoo's plans to educate children about wild animals.

"For the first time, we are giving this opportunity to children from 12 to 30 years of age. This is the first of its kind of initiative in the state," said Nihar Parulekar, curator and education officer, Indore zoo.

During the one day programme on December 18, children would get a chance to know how the zoo functions. The participants would get in-



The scheme is a part of zoo's plans to educate children about wild animals

involved in activities like cage shifting of animals, designing their diet chart, understanding zoo protocols and disaster management. The interested children will be asked to register themselves with the zoo and attend

a training programme before they get close to the animals. "While we cannot allow the children to come near wild animals, we have made special arrangements and will allow them to shift animals like rabbits, who are not dangerous," Parulekar said.

Officials said that the children would get a firsthand experience of what the animals eat, how their food is stored and how they are treated in the zoo hospital and ways to rescue them, if needed.

Sessions would also be held to answer doubts of children related to wildlife and zoo. "We have kept an age bracket of 12

to 30 years because children of this age have a lot of queries related to animals which often go unanswered, making them gradually lose interest," Parulekar said.

Such initiatives are common in zoos in foreign countries but have not been implemented in many zoos in the country, the officials said.

The zoo also plans to come up with an outreach van that would create awareness related to animals in rural areas and also set up a library dedicated to wildlife. A design for aviary is also being prepared and it would be operational by next year.

### ऑनलाइन मिलेगा चिड़ियाघर का टिकट

- चिड़ियाघर की जानकारी भी मिलेगी
- जू प्रबंधन ने थुरु की वेबसाइट

दबंग रिपोर्टर ▶ इंदौर

घर बैठे चिड़ियाघर की पूरी जानकारी आपको एक क्लिक पर मिलेगी। यह व्यवस्था इंदौर जू प्रबंधन ने की है।

प्रबंधन ने वेबसाइट बनवाई है, जिसमें चिड़ियाघर की हर जानकारी अपडेट की जाएगी। जानवरों को क्या खिलाया जाता है, उनकी दिनचर्या और व्यवहार की जानकारी मिल सकेगी। इसके अलावा वेबसाइट के माध्यम से लोग टिकट बुक कर सकते हैं। ऑनलाइन बुकिंग पर टोकन के रूप में एक नंबर अलॉट होगा, जिसे दिखाकर आपको तुरंत प्रवेश मिल जाएगा।

### सुझाव और शिकायत भी कर सकेंगे

चिड़ियाघर प्रबंधन से जुड़े निहार परलेकर ने बताया आम जनता [www.indorezoo.in](http://www.indorezoo.in) पर लॉग इन कर चिड़ियाघर की जानकारी ले सकते हैं। वेबसाइट पर मार्गदर्शन, सुझाव और शिकायत संबंधी अलग से ऑप्शन होने से जू प्रबंधन को अपने कार्यों की समीक्षा भी मिलती रहेगी। इसके आधार पर जू प्रबंधन आगामी योजनाओं को मूर्त रूप दे सकता है।

[www.indorezoo.in](http://www.indorezoo.in)



# Get set for 8-day-long wildlife carnival in zoo

## Fest to host Country's Best Experts

TIMES NEWS NETWORK

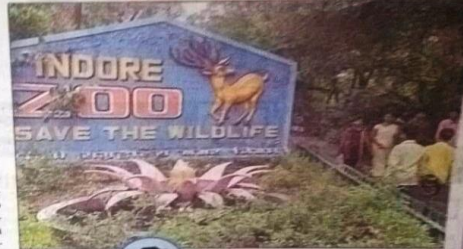
Indore: Indore zoo would host one of the biggest wildlife carnivals of the state to observe world wildlife week in October.

The eight-day long festival would be based on various aspects of wildlife. "Zoo will host some of the country's best wildlife experts in various fields, such as herpetofauna, trees, butterflies, snakes, migratory birds and exotic animals," said Nihar Parulekar, education officer and curator of Indore zoo.

Parulekar said that they wanted to engage students in various lectures and have invited many schools to become a part of it. They have received a good response from the schools and colleges so far.

Apart from the lectures, various competitions for students and visitors will be hosted during the week-long celebration. The zoo is also

## ALL FOR ANIMAL LOVERS



- ▶ Wildlife photography
- ▶ Wildlife quiz
- ▶ Documentary making
- ▶ Clay modelling
- ▶ Treasure hunt
- ▶ Dig your reptile
- ▶ Nature walk
- ▶ Zoo marathon
- ▶ Mime act
- ▶ Best out of waste
- ▶ Magic show
- ▶ Fancy dress competition
- ▶ Veterinary college tour
- ▶ Clean zoo drive
- ▶ Snake education show

planning to launch its much awaited education van during the wildlife week. The van would be utilized to educate people of rural areas.

Zoo officials are also planning to have a library

exclusively on wildlife. Many books for this purpose have already been purchased by the officials. The officials are expecting that the footfall in the zoo would increase after the event.

# From Oct, zoo van will 'take' wildlife to rural children

Shubham.Kishore @timesgroup.com

Indore: In a first of its kind, Indore zoo is in the process of running an outreach van that would promote wildlife education among students in rural area.

The van that is expected to start in October would inform about different types of flora and fauna. It would connect to different schools in the district. "We are focusing on creating awareness among the students living in far-flung areas and not having an access to modern technologies in schools," said Dr. Uttam Yadav, the zoo in-charge.

The hi-tech van would have modern equipment that would help in screening movies and short films related to wildlife and environment. Infertile eggs of different birds, dead skins of snakes and replicas of many plants and animal would also be displayed on the van.

The zoo officials would also organise quizzes and games for children. "There is a severe lack of knowledge



An outreach van of Indore zoo in the making

about wildlife among children. When they'll be able to see and touch these original eggs and skins, they would develop an interest about wildlife. They would understand how different creatures evolved," said Nihar Parulekar, education officer, Indore zoo.

The van would also create awareness among the students about issues like ecosystem imbalance, green house effects, deforestation, crucial role of scavengers and damage to food chain. "This will not be similar to what they learn in textbooks. We will give them practical experiences," Yadav said.

id. He informed that it would be divided into 16 blocks that would cater to different forms of wildlife and plants.

Zoo officials said that their aim is to reach as many as 500 students daily. The proposal of making such a van first came around a year ago. However, several hindrances, including budget issues delayed the project.

"We had earlier planned for outsourcing. But, when the private parties demanded more than Rs2 lakh, we decided to do the work in the zoo itself," said Yadav adding that the total expenditure of the van was not more than Rs 45,000.

# Indoreans come together to save sparrows

@Kishore.indore@timesgroup.com

On World Sparrow Day, Indoreites will come together to make their cities lush and green, the message of restoring the environment. The bring you a few interesting events planned over the weekend.



## SPARROW MARCH AND WATER RELAY RACE

Animal Rehabilitation and Protection Front (ARPF), a city based NGO in collaboration with Kamla Nehru Park, Indore Zoo will be organising a series of events on Sunday. Nihar Parulekar, education officer and the curator of Indore Zoo informs, "This is an annual event. We are hosting a series of events like Sparrow March, Cyclethon, Water Relay Race and Wildlife Treasure hunt. The idea basically is to build a network of responsible citizens and educate them in a way so that they can contribute and help conserve the environment. World Sparrow Day, World Forest Day and World Water Day are all interdependent on each other, thus the events will spread the message of conserving the environment. A talk show on the decreasing number of sparrows will also be conducted."



**OPEN FOR ALL**  
Ahami Jadhav, one of the organisers of the 2020 annual event will be open for all and participation is free. The organisers will meet from 9:30 am to 11:30 am on the morning and 12:30 pm to 4:30 pm on the evening.



**THINGS THAT YOU CAN DO**

- Grow plants and hedges that are native to the place. This encourages common birds to return.
- Water the leaves of the plants completely. Few birds love having a water bath in the droplets.
- Water-bowls and bird-feeders should be a garden essential.

**THE ONLY WAY TO BRING BACK SPARROWS IS TO CREATE AWARENESS**  
City-based ornithologist Ajay Gadgilkar explains, "The idea of celebrating World Sparrow Day is to generate awareness about the conservation of these birds which are fast vanishing in human habitations but have gotten extinct by 80 per cent, due to humans being built in residential areas. Thus, we encourage people to keep bird baths and create artificial nests. Even a small hole in a white wall works as a nest for sparrows."

# Zoo gets student 'keepers' for a day

TIMES NEWS NETWORK

Indore: In a first of its kind initiative, Indore zoo gave 15 children the opportunity to become zoo keepers for a day. The initiative was a part of an education programme by the zoo to create awareness on wildlife among children.

They were taught about the behavior, food habits and how to take care of various animals. The children were taken to different enclosures and were given a first-hand experience of understanding animals' behaviour.

"We decided to give this opportunity to children as this is the age when they have many queries that in most cases go unanswered," said Nihar Parulekar, curator and education officer, Indore zoo.

He said that he was amazed by the children's observation. "We keep salt bricks in the Sambar deer's enclosure



Kids were taught about animals' behaviour and food habits

as they like to lick it and it gives them the calcium they need. If they don't get it, they lick their horns, which contains calcium," Parulekar said in response to a student, Dhruva Mishra's query. "I think that our programme was a success. We wanted children to ask such questions, this would help create more interest in them on wildlife," he added.

The children were also

taught zoo protocols and how steps need to be followed in case of a disaster.

Officials said such initiatives are common in zoos in foreign countries but have not been implemented in any in the country.

The zoo plans to come up with an outreach van for rural areas to create awareness on animals. The zoo will also come up with a book library dedicated to wildlife.

# Jamuna under observation for 2 more weeks

Indore: A week after a tigris, Jamuna, jumped out of her cage for the second time, zoo officials said that her behaviour was normal. However, she will not be back on display for visitors to see for another 15 days as she is still being kept under observation.

"As of now she seems to be normal but we didn't want to take any chance. Now, she will be kept in a cage from where it will be impossible for her to leap out," Zoo curator and education officer Nihar Parulekar said. Currently, Jamuna has been kept in the night shell for tigers. She will be put in another enclosure bigger than this one. **rw**

# अब चिड़ियाघर पहुंचेगा बच्चों तक



**हिंदी रिपोर्टर** - राजर के स्कूली बच्चों की एनिमेशन और वाइल्ड लाइफ के प्रति अंतर्ग्रहण करने और इंटरैक्टिव गेम के लिए अद्वितीय, आउटडोर वैन तैयार कर रहा है। ये आउटडोर वैन खुद बच्चों तक जाकर उन्हें एनिमेशन और उनकी वाइल्ड लाइफ के बारे में जानकारी देगी। चिड़ियाघर के स्क्वैटर और एजुकेशन ऑफिसर निहार पाखरकर ने बताया- हमने एक वैन तैयार की है जिसमें अलग-अलग सेक्शन में हर कैटेगरी के एनिमल की इमेजेंस रखी। इसी सेक्शन में प्री-मैकडोई एनिमल की पिक्चर्स की हुई डेड जीबीजे, इनक्यूबेड फार्स और एनिमल ड्रीमिंग रहेंगे। आउटडोर वैन का फोकस स्कूल और हिरोट एरिया में, आननवाडी स्कूली बच्चों में एनिमल के बारे में इंटरैक्टिव गेम है।

## वाइल्ड लाइफ वीक में होनी शुरुआत

आउटडोर वैन की शुरुआत अक्टूबर में वाइल्ड लाइफ वीक में होगी। जोशी के शहर क्षेत्र के विद्यालयों में भी सफाया करी। अविनाश भी इन वैन को राजर के स्कूलों में बुलावाया जा सकता है। यह राजर के विद्यालय रहेगी। वैन का निर्माण और वैन में है। वाइल्ड लाइफ के अंतर। वाइल्ड लाइफ वीक में इसके अलावा भी अन्य कई गतिविधियां संचालित की जाएगी।

## सिटी एक्टर एक्टर मिलिंद गुणाजी ने सिटी भास्कर से बं केरेक्टर की लेंस की परवा

### CRAFT OF NORTH EAST

सिटी रिपोर्टर - मुख्य जाति प्राकृतिक संसाधनों से सजा है भार उतर-पूर्वी हिस्सा। स्थानीय कलाओं के जगलों में होना वाली यान बांस की तराश कर डेकोरेटिव आर्ट तैयार करने में मशहूर है। ऐसे ही हुए हैं जो भी बने 55 से अधिक क्राफ्ट को यहां पेश किया गया है। फिरो मणिपुर, अरुणाचल प्रदेश, मेघालय, नागालैंड, असम और त्रिपुरा के कारीगरों ने दिन-रात की मेहनत के बाद तैयार किया है। क्राफ्ट बाजार में नागालैंड

### इंदौर पुस्तक मे हिंदी मराठी की

#### 10 सितंबर से शुरू, लाई जाएगी UPGOMING EVENT

सिटी रिपोर्टर - राजर में 10 सितंबर से इंदौर पुस्तक मे शुरू होने जा रहा है। इसमें हिंदी और मराठी के अनेक प्रकाशन संस्थानों की इंदौर प्रदर्शनी की जाएगी। प्रथमवर्ष से दुआ सभावार में सुबह 11 से

# रंगों से जताई टाइगर्स एक्सटिंक्शन के लिए चिंता

## चिड़ियाघर में बच्चों के लिए कई एक्टिविटीज हुईं

### ON WORLD TIGER DAY

सिटी रिपोर्टर - वर्ल्ड टाइगर डे पर बुधवार को बमला नेहरू चिड़ियाघर में कुछ एक्टिविटीज एडिटेड एनिमल फ्रंट की ओर से एक इंडिया कॉन्सिशन हुईं जिसमें राजर के स्कूली बच्चों ने नेथल एनिमल टाइगर के चित्र बनाए। साथ ही कुछ युवाओं ने यहां पोथरोपण भी किया।



## City zoo organises quiz contest on Indian wildlife under World Tiger Day celebration

### Students discover rare animals found in country

● OUR STAFF REPORTER INDORE Starting their series of events for World Tiger Day on July 29, city zoo organised first quiz on 'Indian Wildlife' in Sarada Ramakrishna Vidya Mandir on Tuesday.

Helping students discover Indian wildlife through the quiz, volunteers tried to educate them about various animals that are rare and found in our country. Quizzing students on various topics including scientific names, extinct animals and wildlife facts, volunteers made the day interesting for them. Enthusiastically participating in audio visual round, students had more exposure to wildlife. Sharing their experience, students talked about information gained from the audio-visuals. Talking about her feelings, school principal Manju Vyas said, "The session was informative as it is not possible to add every little detail in curriculum for students." She added that it



helped in generating interest among students. Discussing her review of the same, teacher Toshika Jain said, "It was a wonderful experience to see wildlife on screen." She said that India is rich in wildlife, but students do not know much about it. "I feel proud of my students who did well in the quiz and answered all the questions well," Toshika said. Speaking on behalf of the winning team, student Yagisha Tomar said, "I loved playing the quiz as it makes learning more fun and challenging." Adding another lesson that she learned from the programme, she talked about "We were about to lose at first, but we won because we were simply playing because it was fun," she added. Representing another team, Priyanshi Sharma said "We liked playing the quiz, it was informative and challenging."

*"It was a wonderful experience to see India's wildlife. It is amazing how animals live together and keep our ecosystem balanced. I enjoyed myself in the quiz as it was informative and something new for us."*

● AISHANI JAIN

## How the Indore zoo is keeping its residents cool



**THE RIGHT DIET**  
Dr. Uman Vaidya, the Director of Indore zoo informs, "Lighter meals, rich in nutrients and liquid contents, are given to animals during summer. The zoo veterinarians study each animal separately and diets are planned accordingly. The summer diet strengthens the immunity of animals to beat heat." He further adds, "We have multiple water coolers and blenders installed for visitors as well. And more shaded sit-outs have been created for visitors. But visitors should avoid coming to the zoo between 11 pm to 4 pm as that of the animals are inactive during that time."



**LEARN TO BE A ZOO KEEPER**  
A workshop for wildlife lovers will be organized in the zoo on April 16, which is part of the education module that the zoo offers. The workshop is for adults and will let visitors see and understand the functions of the zoo from close quarters. Participants will get to visit quarantine zones and will be made to learn about the food enrichment and animal care that a zoo keeper needs to follow.

## WILDLIFE QUIZ @ COLUMBIA CONVENT



Students participating in quiz contest

## 'Generating love for wildlife only way to conserve it'

● OUR STAFF REPORTER INDORE Continuing their series of events under 'World Tiger Day' on July 29, city zoo organised first quiz on 'Indian Wildlife' in Columbia Convent on Saturday. Educating students about Indian wildlife through the quiz, volunteers talked to them about various animals that are rare and found in our country. Further, volunteers spent the day quizzing students on various topics including scientific names, extinct animals and wildlife facts. Enthusiastically participating in buzzer round, students had more exposure to wildlife. Sharing their experience, students talked about information gained from the audio-visuals. Talking about the event, zoo education officer Ni-

har Parulekar said "Most students do not know a lot about Indian wildlife today and this is our effort to create interest and educate them." He explained that rich wildlife of India is eroding due to negligence. "We can avoid negligence only when we care about them and care cannot be forced upon people," Parulekar said. He added that generating love for wildlife among students is the only way to conserve it. **What They Say...** It was most amazing and thrilling experience. The quiz master was brilliant and kept the crowd hooked up during the game. I enjoyed the show and espe-

cially the thrill in buzzer round. It is fun to learn about wildlife, especially when it is taught through fun activities and real-life experience. **CHITRA KOOLWAL**, Student **I**t was an excellent initiative by Indore zoo. We would love to take part in such competition in future. I loved this competition as it was informative, interesting and educational. I know some answers like beehive, but it was tough to guess scientific names of animals with their specific traits. I want to learn more about them now. **GAURAV JAIN**, Student

## First time: Four Star Tortoises survive in zoo



The four newborn Star Tortoises at Indore zoo

**Shubham Kishore** @timesgroup.com **Indore:** For the first time, the Indore zoo has been able to save four Indian Star Tortoises after their hatching. The tortoises had hatched around a month ago and were kept under constant care and observation. The very survival so far of the species at the zoo is indicative of their adaptation and acclimatisation to new environs. "Earlier we do not use to give much emphasis on rearing of reptiles as even after their successful birth they were unable to survive. Their mortality rate is high. However, this time we achieved success in saving them in a good health," said Dr. Uman Vaidya, the zoo in-charge. Related zoo officials are not leaving any stone unturned for survival of the tortoises. An special enclosure has been created on the zoo premises for the new guests. "The temperature is being constantly regulated in the area and emphasis is being laid on their food. They eat leafy vegetable, tender grass and algae. We feed them with nutritious diet and keep a check on

**THE SURVIVORS**  
Scientific name | Geochelone Elegans  
Type | Reptile  
Diet | Herbivore  
Size (L) | 29cm - 30cm  
Weight | 2kg - 3.5kg  
Top Speed | 0.5km/h  
Life Span | 30 - 80 years  
Conservation Status | Endangered  
their health," Vaidya said. The population of these animals had registered a huge decline due to illegal trade. Raised as exotic pets illegally in other countries, the protected species requires natural sunlight as much as shade, and drinks and soaks in shallow water. "In the favourable environment provided to them, the activities of star tortoises increased and they indulged in breeding. They then laid eggs that hatched last month," said Nikhil Parulekar, education officer, Indore zoo. According to Vaidya, the zoo officials were also able to provide an environment of breeding to crocodiles. Around 50 crocodiles were born in June this year.

~ Thank You ~

## COMPLIANCE REPORT

Sno.	Rule 10 Norm No.	Conditions Stipulated	Time Period to Comply	Status with regard Compliance of the conditions
1	1(6)	The Labourers staying inside the zoo campus near entrance, next to the spotted deer enclosure should be immediately shifted outside the zoo premises.	Immediately	Labourers are shifted.
2	1(9)	The Zoo has been housing many wild animals next to domestic animals. The same is not acceptable. The Domestic animals like turkey etc should be removed immediately from the zoo premises.	Immediately	Domesticated animals like Turkey is removed from the exhibit area next to wild animals.
3	2(1)	The Officer in Charge/Director should be working full time with the zoo. He should not be assigned any other work of the Municipal Corporation as of presently followed.	Immediately	Proposal has been sent for the same to MIC for the same.
4	2(1)	The financial power of the officer-in charge/ Director should be such that he can carry out the emergency works at the zoo or to procure feed for the animals during emergencies.	Immediately	Proposal has been sent for the same to MIC for the same.
5	3(3)	The Zoo should implement disaster management plan as approved by the CZA, by conducting mock drills, awareness programme for the staff and visitors, etc.	Immediately	The same is been followed and regular drills are conducted. 45 CCTV cameras and PA system as been installed throughout the zoo as part of the same.

6	3(6), 4(3) and 4(5)	The Zoo should house the animals in the animals' exhibit which are approved by the CZA in the Master (Layout) Plan.	Immediately	The same is been followed.
7	3(8)	3 No. of Chinkaras rescued and kept at zoo should be kept off display and should be updated in the inventory.	Immediately	The same has been done and inventory has been updated accordingly.
8	4(1)	The Zoo should provide appropriate screening between the visitors and animal houses at Hyena enclosure	Immediately	The same has been done through plantation.
9	4(1)	The inside the campus of the zoo as well as inside the animal enclosures should not be painted with any colour.	Immediately	The same has been done.
10	4(3)	In the Elephant enclosure, the wall towards the housing colony should have adequate buffer or the height of the wall should be raised in order to stop any mis-happening in future.	Six months	Tenders for same have been flouted and height will be raised within the stipulated time frame.
11	4(3)	The Zoo should expedite shifting of surplus animals (Rhesus Mazaques, Bonnet Macaques, Common Langur, Spotted Deer, Black buck) to other recognized zoo in consultation and prior approval of CZA	Six months	The Same will be done soon. Exchange proposals will be sent to CZA soon.

12	4(5)	The Zoo has established a fox breeding centre in the public viewing area since 30.5.2015. The same should be kept-off exhibit.	Three months	The same has been kept off exhibit with immediate effect.
13	4(6)	The Gharial enclosure should be provided sand for basking.	Immediately	The same has been done. Every year gharials are breeding at our zoo enclosure and around 25-30 gharials are hatching
14	4(6)	The Hippopotamus should be provided with soft substrate in the enclosure.	Immediately	The same has been done as part of enclosure enrichment.
15	4(6)	The Elephant enclosure should be provided with sufficient amount of sand/soil to meet the biological behaviour of the elephant.	Three months	The same has been done.
16	5(2)	The enclosure of Python was seen with the dead chicken drowned in the water which should have been removed immediately. In future such situation should be avoided by keeping vigil to avoid such situation.	Immediately	The same has been done with immediate effect.

17	5 (2)	The Standard diet as prescribed by IVRI should be followed by the zoo for the animals housed at the zoo.	Immediately	The same has been changed and followed now.
18	5(10) & 7(2)	The records pertaining to the animals are not maintained in the prescribed format of the CZA. The zoo should prepare individual Animal History Sheet, Treatment Records, Keeper Diary, PM report in the format as prescribed by the CZA	Immediately	The same has been done. Records are maintained in the prescribed format of CZA.
19	9(1)	The Monitor Lizards should be sexed immediately.	Immediately	The same has been done and inventory has been updated accordingly.
20	9(9)	The Spotted deer housed in the Zoo are beyond the carrying capacity of the enclosure. Necessary action should be taken immediately to control their population.	Immediately	The same has been done. Birth control protocols by segregating males and females are followed for the same.
21	11(2)	The Snake show conducted every Sunday at the Zoo should be stopped with immediate effect.	Immediately	The Same has been stopped.

22	12(2)	The Zoo should keep anti snake venom and the first aid kit in the zoo hospital or in administrative office area.	Immediately	The same has been kept as the Zoo Office.
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Indore Zoo is committed and follows all the norms and conditions stipulated by Central Zoo Authority in the best interest of ex-situ Wildlife conservation.

Regards,

Sd/-

**Dr. Uttam Yadav**

**Director – Indore Zoo**

**Copy for Information and Record:**

1. The PCCF (Wildlife) and Chief Wildlife Warden, MP Forest Department, Govt. Of MP, Bhopal, M.P.
2. The Addl. PCCF (Wildlife), MP Forest Department, Govt. Of MP, Bhopal, M.P.

Sd/-

**Dr. Uttam Yadav**

**Director – Indore Zoo**