



The DINOSAUR PARK at PGSC

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Scientist B

Amazing Dinosaur Facts

DINO - SAURUS
Terrible Lizard

Dinosaurs Hatched

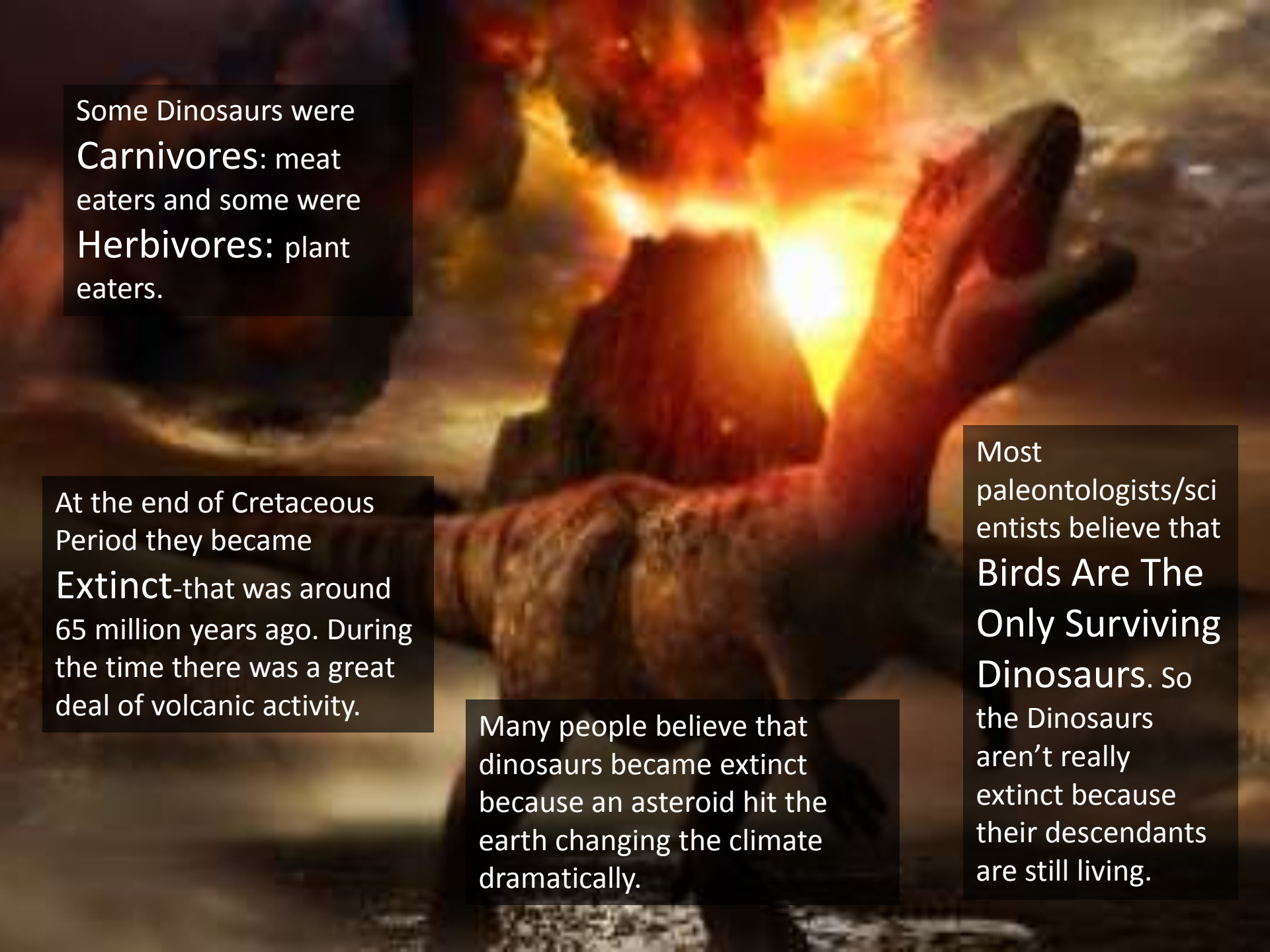
From Eggs. The largest dinosaur eggs were as large as basketballs. The bigger the egg, the thicker the shell. So if the eggs had been larger, dinosaur babies probably would not have been able to get out.

Dinosaurs walked the earth for over 165 million years

They lived during a period of time known as the **MESOZOIC ERA**, or the **AGE OF REPTILES**

The **Biggest Dinosaurs** were over 100 feet long and 50 feet tall. The smallest were the size of a chicken.





Some Dinosaurs were
Carnivores: meat
eaters and some were
Herbivores: plant
eaters.

At the end of Cretaceous
Period they became
Extinct-that was around
65 million years ago. During
the time there was a great
deal of volcanic activity.

Many people believe that
dinosaurs became extinct
because an asteroid hit the
earth changing the climate
dramatically.

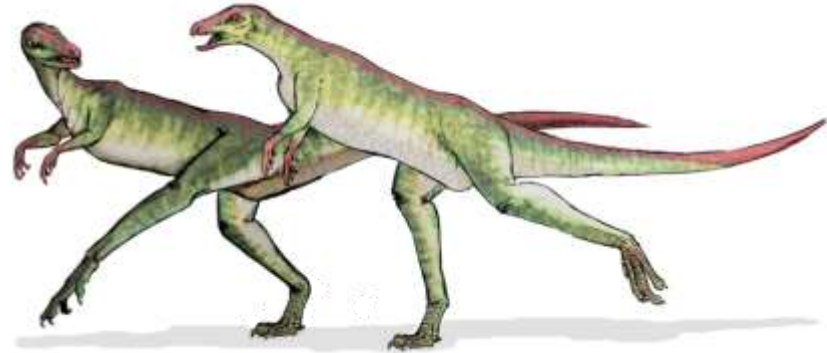
Most
paleontologists/sci
entists believe that
**Birds Are The
Only Surviving
Dinosaurs.** so
the Dinosaurs
aren't really
extinct because
their descendants
are still living.

DID YOU KNOW.....



THE LONGEST & HEAVIEST DINOSAUR

ARGENTINOSAURUS, which measured over 40 metres, as long as four fire engines weighed 77 tonnes. It was part of the Titanosaur group of dinosaurs.



THE SMALLEST DINOSAUR

LESOTHOSAURUS, which was only the size of a chicken.



THE MOST BRAINY DINOSAUR

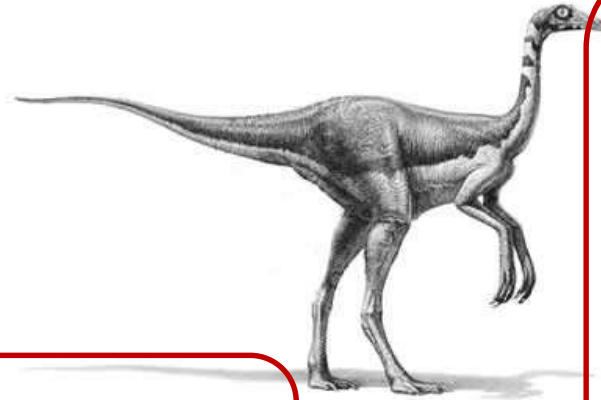
TROODON. It was a hunting dinosaur, about 2 metres long, and had a brain size similar to that of a mammal or bird of today, stereoscopic vision, and grasping hands.

DID YOU KNOW.....



THE DUMBEST DINOSAUR

The **STEGOSAURUS**. It had the smallest brain of all dinosaurs discovered. its brain was about the size of a walnut..

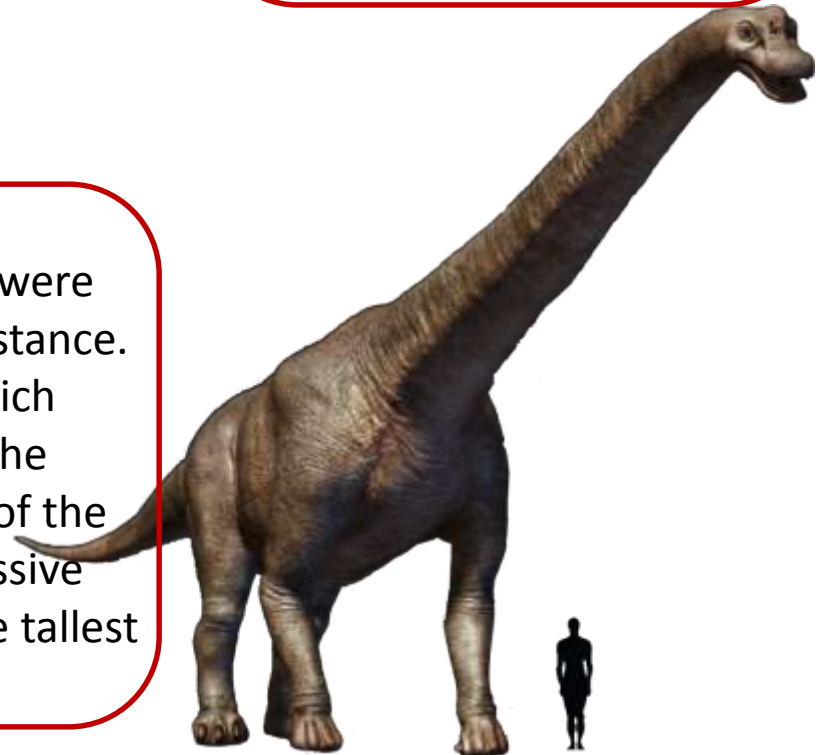


THE FASTEST RUNNING DINOSAUR

The speediest dinosaurs were the ostrich mimic ornithomimids, such as **DROMICEIOMIMUS**, which could probably run at speed of up to 60 kilometres per hour.

THE TALLEST DINOSAUR

Brachiosaurid group of sauropods. Their front legs were longer than the rear legs giving them a giraffe-like stance. This combined with their extremely long necks, which were held vertically, meant they could browse off the tallest trees. Brachiosaurus - the most well known of the group - was 13 metres tall. Sauroposeidon was massive and probably grew to 18.5 metres tall making it the tallest dinosaur.





DINO PARK at PGSC is divided in 3 periods:

- Triassic period
- Jurassic period
- Cretaceous period

26 different types of Dinosaurs

Total area of the Park: 2.63 hectares

TRIASSIC

[199.6-251.0] PERIOD
[million years ago]



Eoraptor

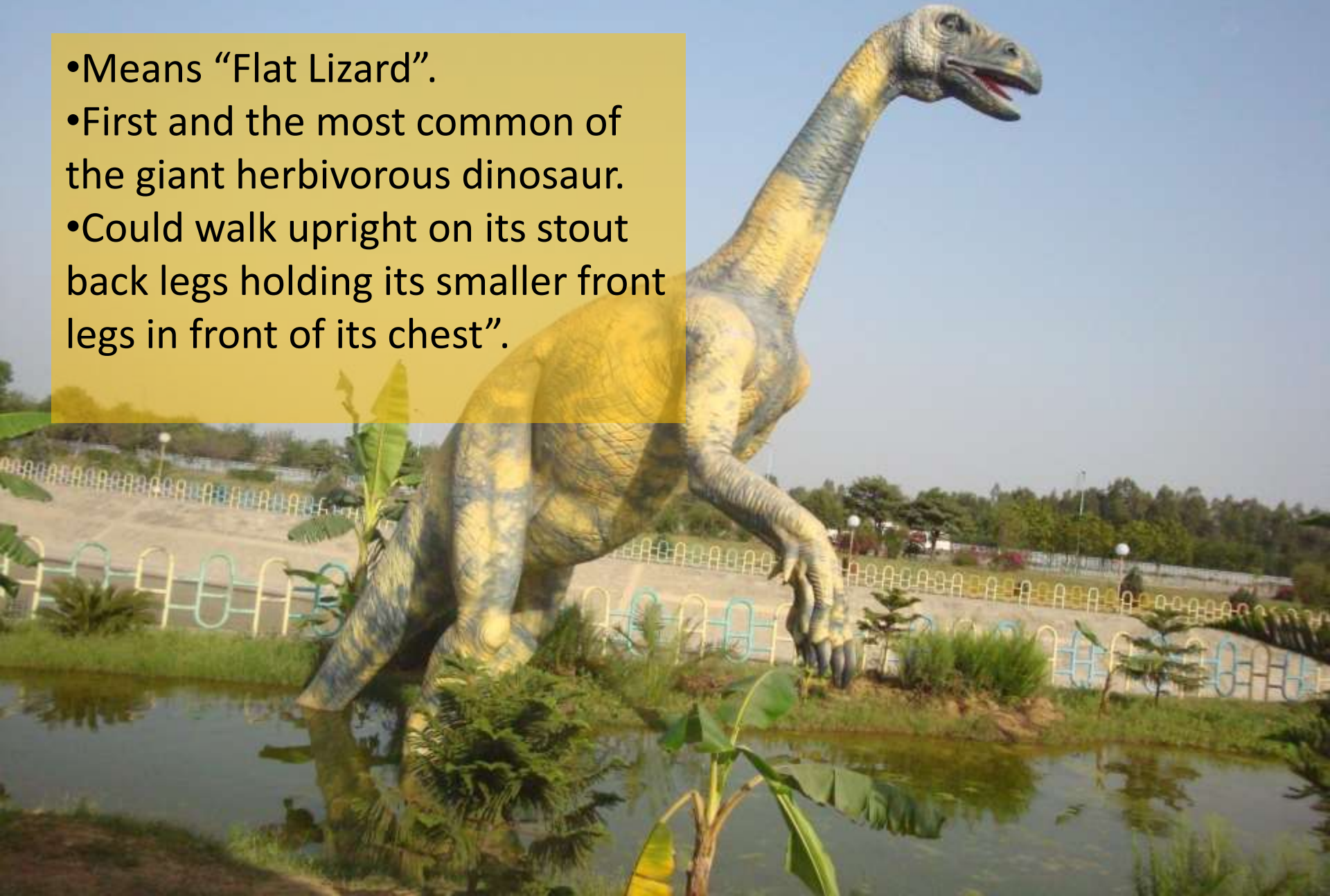
- Means 'Dawn Thief'
- Oldest dinosaur
- walked on two long legs and had grasping hands with sharp claws to capture and kill prey.

COELOPHYSIS

- Means 'Hollow Form'
- Bird- like features viz. S-Shaped neck, slim body & long legs.
- Lived in herds
- a small head and bones were hollow from inside

PLATEOSAURUS

- Means “Flat Lizard”.
- First and the most common of the giant herbivorous dinosaur.
- Could walk upright on its stout back legs holding its smaller front legs in front of its chest”.



JURASSIC

[145.5-199.6
million years ago]

PERIOD

SEISMOSAURUS

- Known as 'Quake lizard'.
- Walked slowly on its four short, thick legs
- Among the longest land animals that ever lived. *The ground must have shaken as this animal walked across the land.*



BARAPASAURUS



- Means 'Big-legged lizard'.
- Six partial skeletons have been found in India.

KOTASAURUS

- Means 'Kota (formation) lizard'.
- Known from a partial skeleton found in India.



SHOT ON REDMI 7
AI DUAL CAMERA

STEGOSAURUS

- Means 'Roof Lizard'.
- Two parallel rows of characteristic plates over the body which helped the dinosaur to regulate its body temperature and probably flushed when it wanted to display.
- Main defense was four fearsome spikes on the end of its tail.
- Small mouth resembling a beak.



CERATOSAURUS

- Known as the 'Horned Lizard'
- a powerful predator with a lot of speed while running after its prey. It could hunt other Dinosaurs 2-3 times of its size.

Apatosaurus

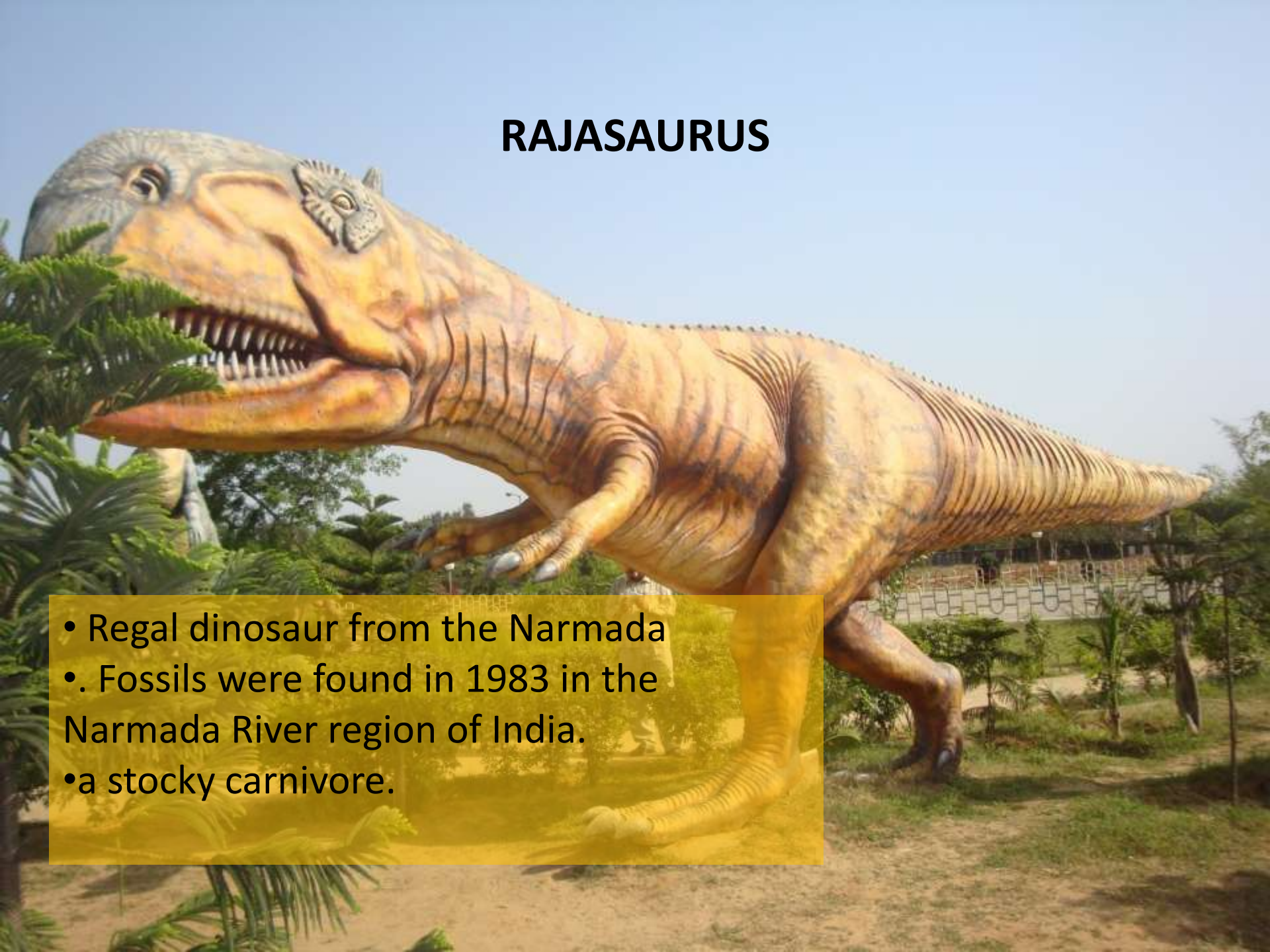
- Called 'Deceptive Lizard'.
- Massive dinosaur with a long neck and tail.
- Lived in herds as it had to eat continuously to survive.
- Toes like that of an elephant and pillar like limbs to support its body.

CRETACEOUS PERIOD

[99.6-145.5 million years ago]

RAJASAUROS

- Regal dinosaur from the Narmada
- Fossils were found in 1983 in the Narmada River region of India.
- a stocky carnivore.



IGUANODON

- Very heavy dinosaurs which were present in large numbers in its time.
- Resembled the modern day Iguana lizard and, thus, got its name 'Iguana Tooth'
- Five fingered hands and could walk on both two's or four's.
- Toothless beak and was a plant eater.



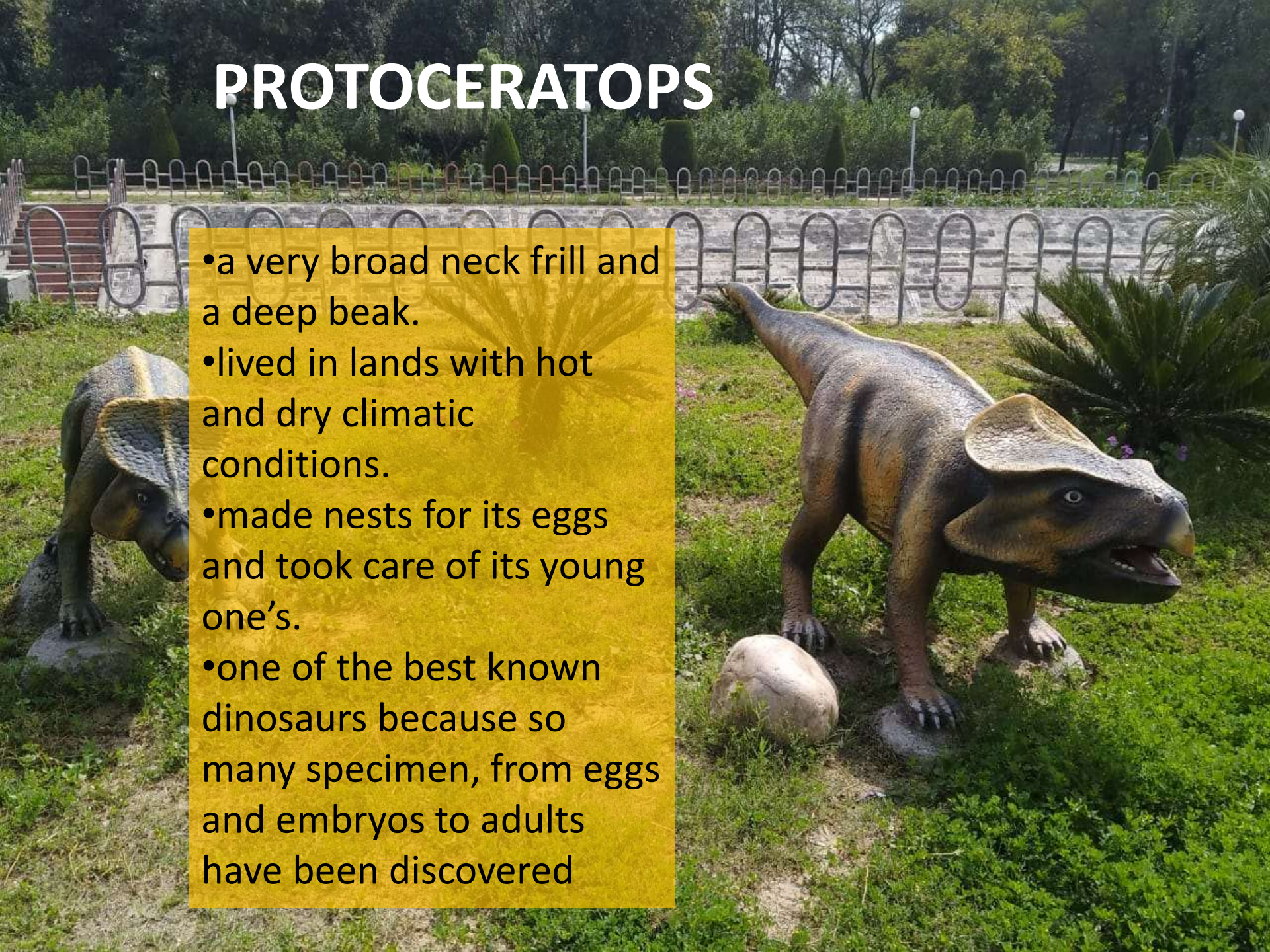
DRAVIDOSAURUS



- Dravidian reptile.
- a small, narrow head and some armoured plates.
- fossils found in southern India (Tamil Nadu).

PROTOCERATOPS

- a very broad neck frill and a deep beak.
- lived in lands with hot and dry climatic conditions.
- made nests for its eggs and took care of its young one's.
- one of the best known dinosaurs because so many specimen, from eggs and embryos to adults have been discovered

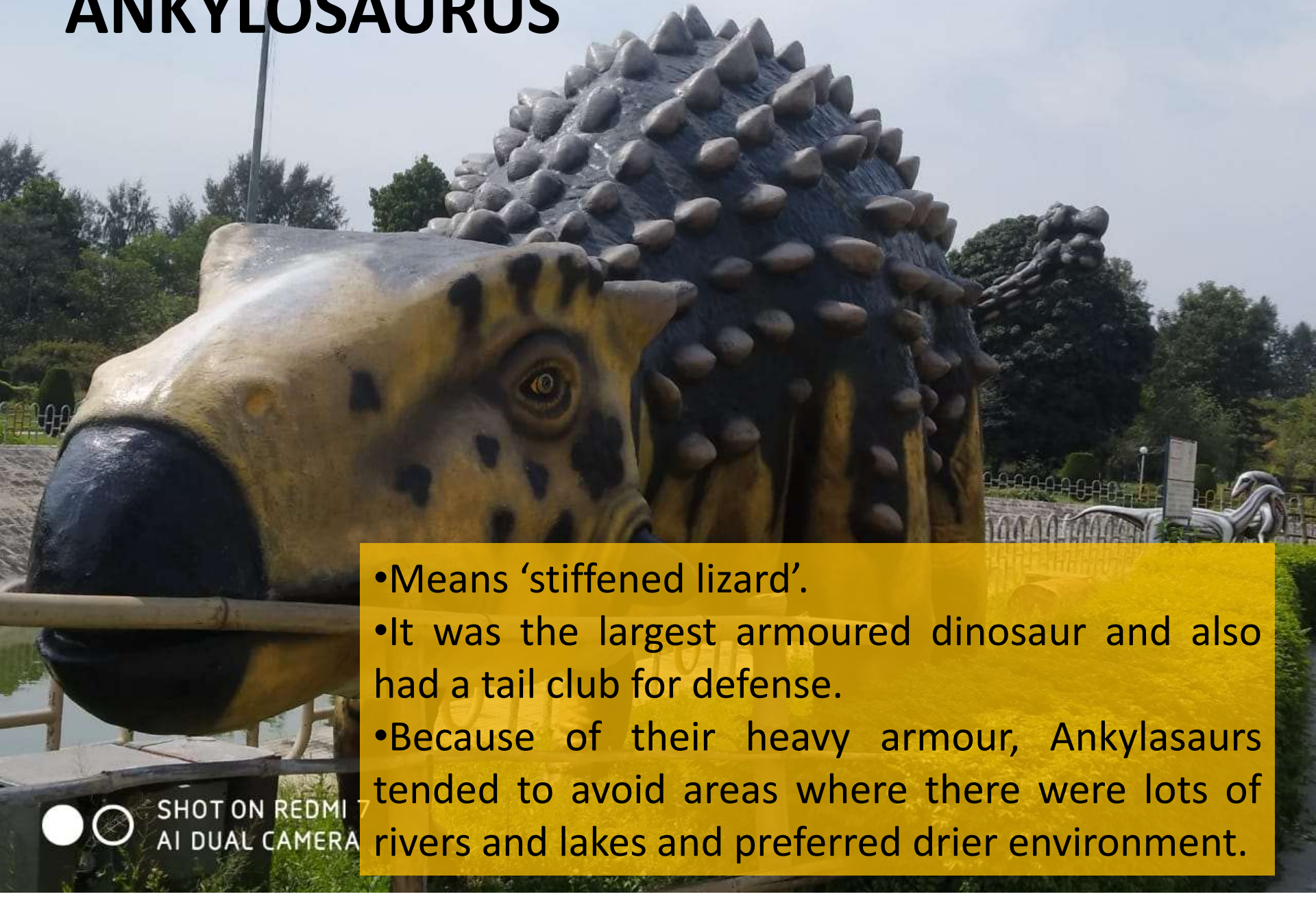


OVIRAPTOR

- small, bird-like, omnivorous
- fast-moving, long-legged, and bipedal.
- curved, flexible, s-shaped neck, a long tail, short, strong arms, and curved claws on its three-fingered hands and three-toed feet.



ANKYLOSAURUS



- Means 'stiffened lizard'.
- It was the largest armoured dinosaur and also had a tail club for defense.
- Because of their heavy armour, Ankylosaurs tended to avoid areas where there were lots of rivers and lakes and preferred drier environment.



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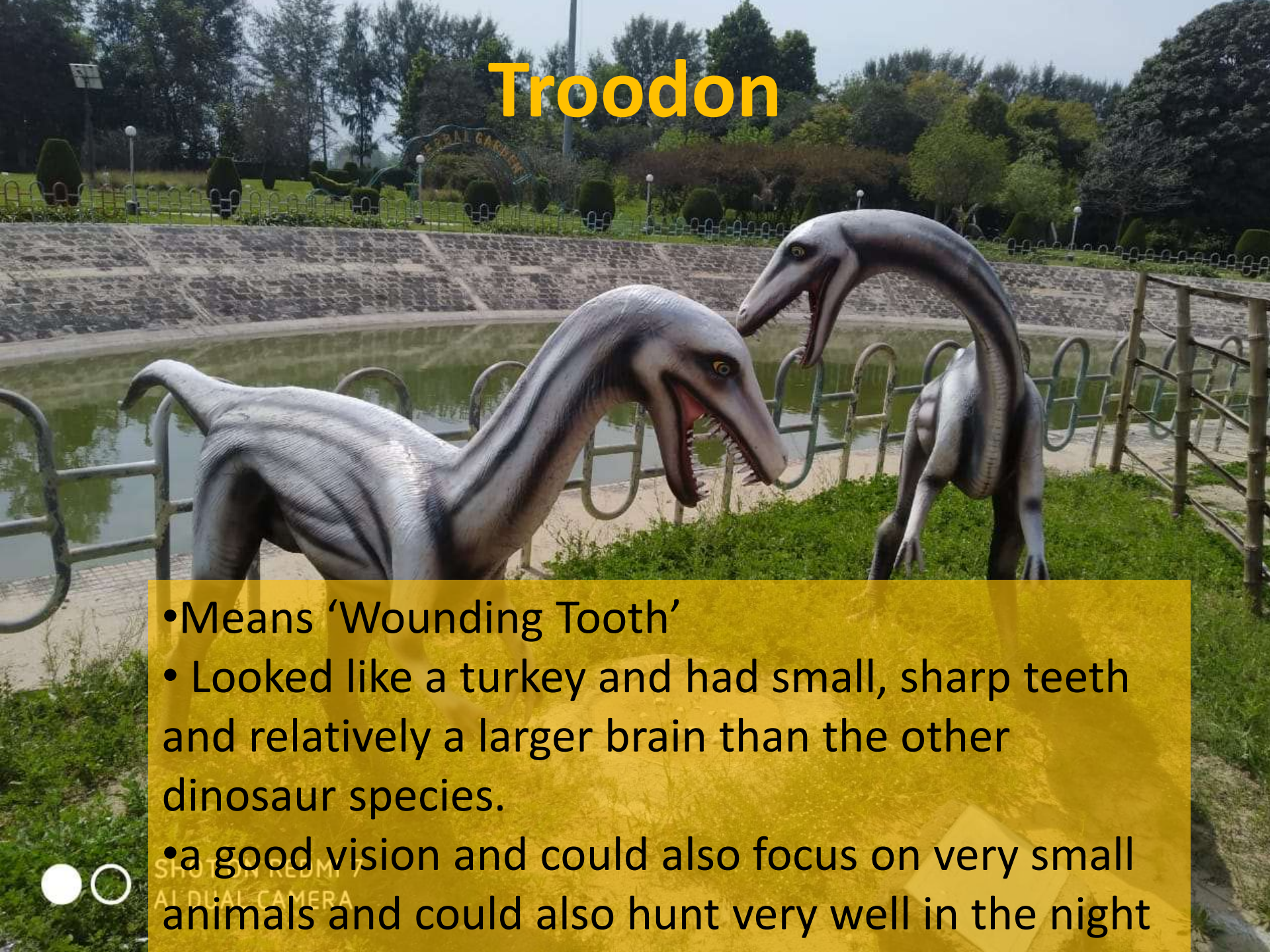
EUPLOCEPHALUS

- Means 'Well Armoured Head'
- Had an extensive armour in the form of bony horns, plates and studs on its head and its back.
- Had a long tail which ended strangely into a shape of a very heavy bony club.
- Could travel quite fast as compared to the other dinosaurs present in those times.



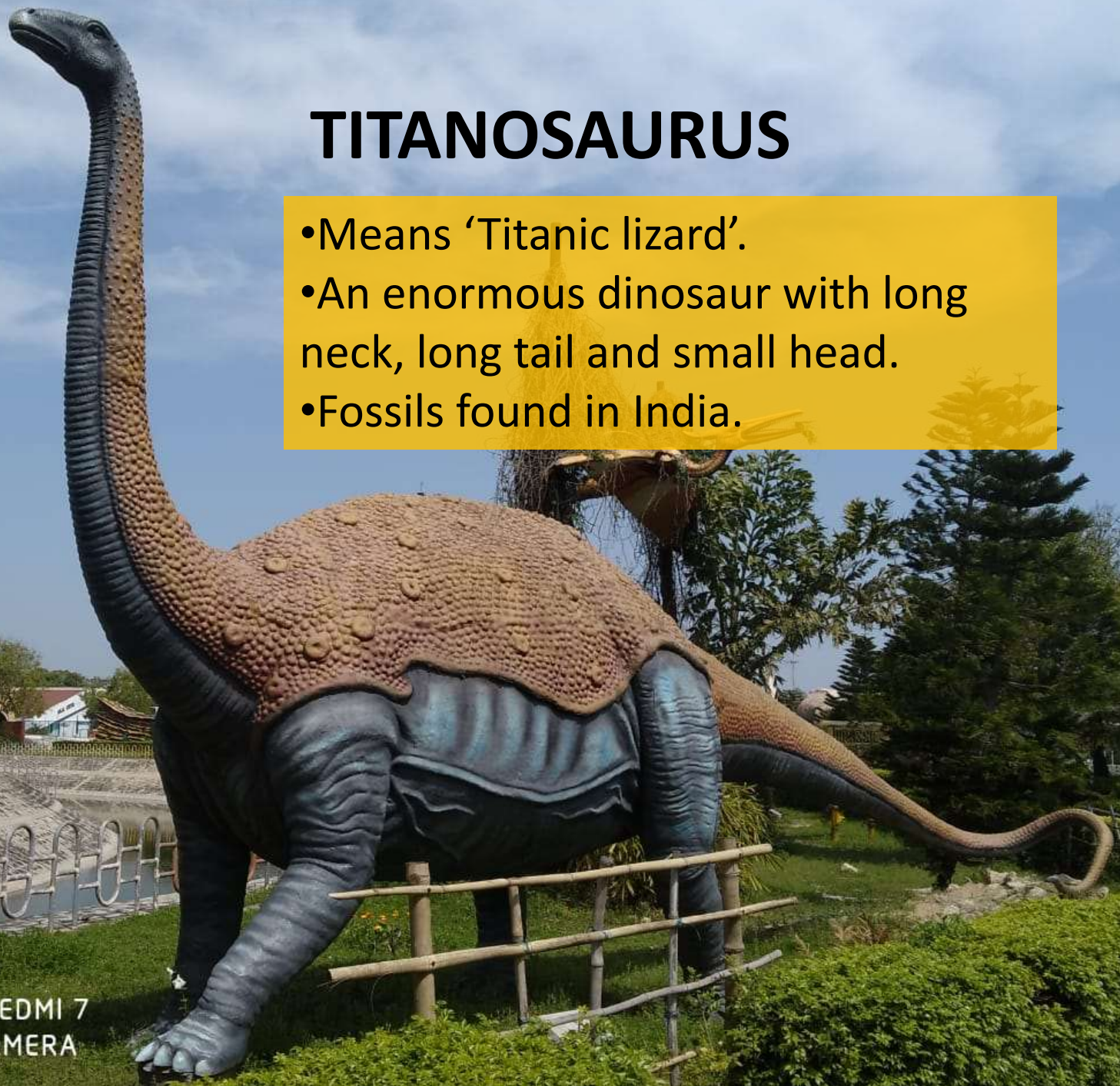
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Troodon

- 
- Two realistic-looking Troodon dinosaur statues are positioned in a park-like setting. The dinosaur on the left is in the foreground, facing right with its mouth open, showing sharp teeth. The dinosaur on the right is slightly behind and to the right, also facing right with its mouth open. They are both dark grey or black with lighter, scaly textures on their heads and necks. In the background, there is a stone wall, a body of water, and a sign that says "FERTAL GARDEN". The sky is overcast.
- Means 'Wounding Tooth'
 - Looked like a turkey and had small, sharp teeth and relatively a larger brain than the other dinosaur species.
 - a good vision and could also focus on very small animals and could also hunt very well in the night

TITANOSAURUS

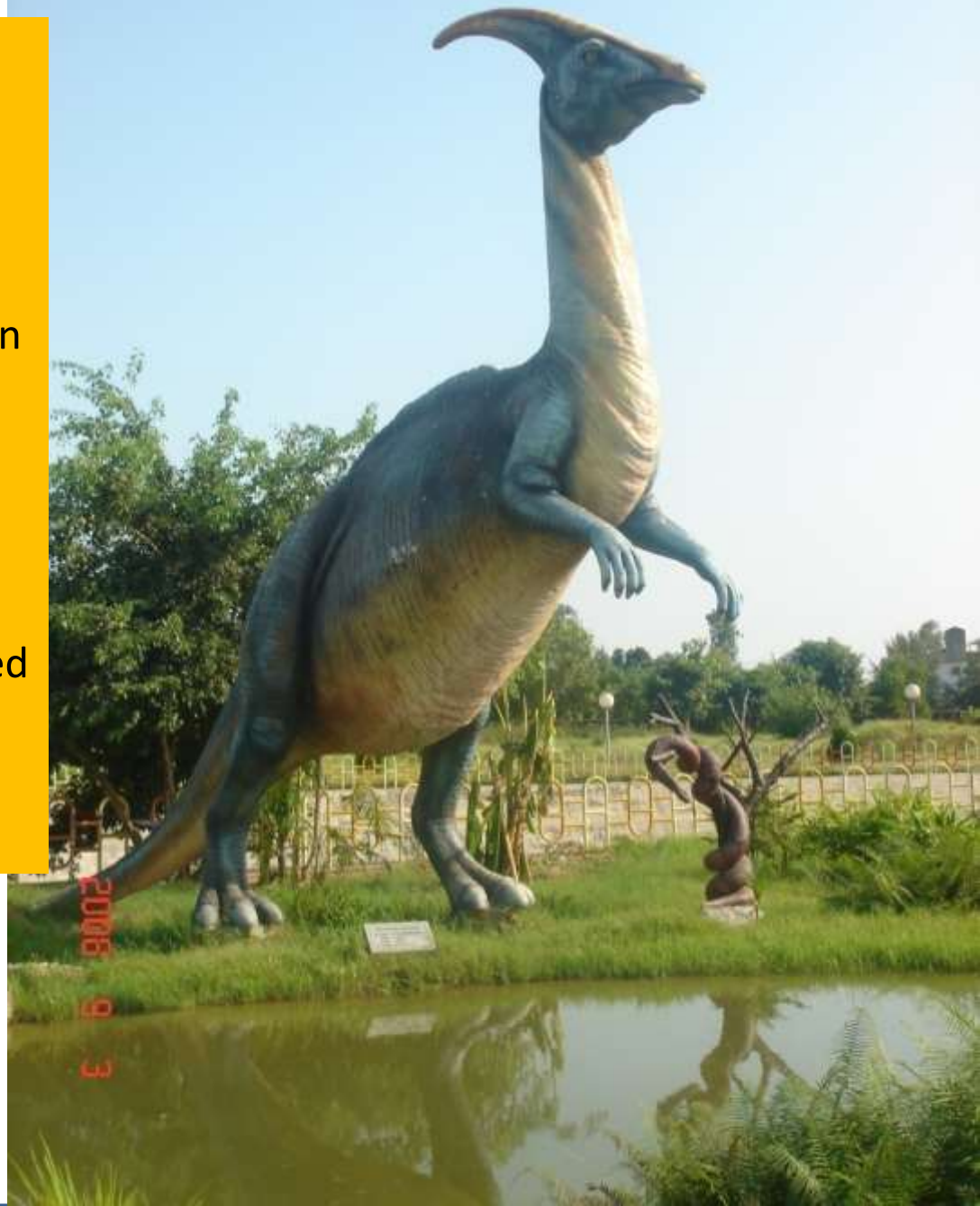
- Means 'Titanic lizard'.
- An enormous dinosaur with long neck, long tail and small head.
- Fossils found in India.



SHOT ON REDMI 7
A+ DUAL CAMERA

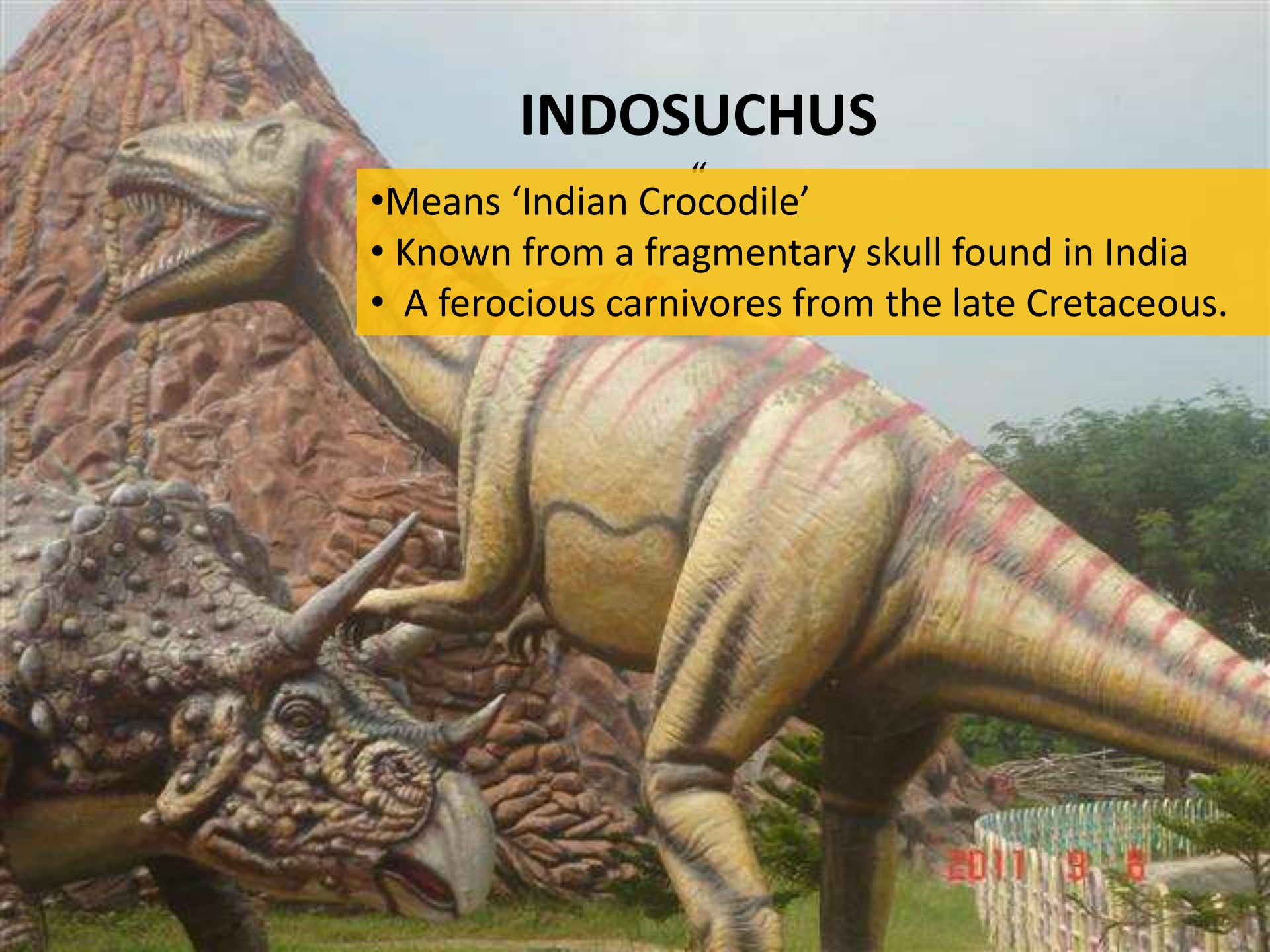
Parasurolophus

- Long-crested, duck-billed dinosaur.
- Extremely long, backwards-leaning, hollow, bony crest was as bigger than the rest of its skull and may have been used to produce a low-frequency, foghorn-like [sound](#), enhance its sense of smell, and/or used in courtship displays.
- Pebbly-textured skin, a spoon-shaped beak, and a pointy tail.



INDOSUCHUS

- Means 'Indian Crocodile'
- Known from a fragmentary skull found in India
- A ferocious carnivores from the late Cretaceous.



Triceratops

- Means 'The Horned Face'
- Three horns on its head a sharp 3-feet long horn above each eye and a short, thick horn that poked up from nose.
- A bony frill sticking out from the back of its head.
- lived and migrated in herds and was found in lands with cool and dry climatic conditions.
- A very good fighter and was the last and biggest of horned dinosaurs.

SHOT ON REDMI 7

PTEROSAURS

- Flying reptile that lived during the time of the dinosaurs
- Hollow bones, lightly built, small bodies, large brains and good eyesight.
- Wings covered by a leathery membrane. This thin but tough membrane stretched between its body, the top of its legs and its elongated fourth fingers, forming the structure of the wing. Claws protruded from the other fingers.
- could flap their wings and fly with power.



Gallimimus

- Means 'Chicken Mimic'.
- Can be compared to the present day ostrich and had bird like features.
- big eyes, intelligence compared to that of a present day bird
- lived on the banks of rivers.
- Saved itself from other meat eating dinosaurs on account of its fast running speed.

The ADVENTURE does not End Here!!

Hear ROARS
from the Mesozoic era and roam in
the eerily lit space
looking, touching and experiencing
the ancient world of dinosaurs as
it is brought to life.

This high-tech
interactive display will encourage
you to look, listen and learn about
these
fascinating creatures who ruled the
world





Watch the
Tyrannosaurus Rex (T Rex)
come to life

- One of the largest meat-eating dinosaurs that ever lived.
- Everything about this ferocious predator, from its thick, heavy skull to its 4-foot-long (1.2-meter-long) jaw, was designed for maximum bone-crushing action.
- Could eat up 230 kilograms of meat in one bite.

THANKS



PUSHPA GUJRAL SCIENCE CITY,
KAPURTHALA