

DEPARTMENT OF ZOOLOGY

presents

ZOOLOGICA

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**RAMA DEVI WOMEN'S UNIVERSITY,
VIDYA VIHAR, BHUBANESWAR, ODISHA**

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FROM HOD'S DESK

It is a very proud moment for the Zoology department of Rama Devi Women's university, as it is going to publish the first volume of departmental newsletter "ZOOLOGICA". This newsletter aims at showcasing the creative talent and achievements of students and the activities of Zoology department. Many many thanks to the faculty members, nonteaching staff and students of the department for their admirable effort in bringing out the newsletter. I wish that this newsletter will serve its purpose in the best way.

Sri Prakash Chandra Parichha
HOD, Zoology



CREATIVE CORNER

AMERICAN BISON

People often use the words "bison" and "buffalo" to mean the same animal. However, true buffalos are the Asian water buffalo and the African (Cape) buffalo. Their horns form huge sweeping curves. The American bison, and its cousin the European bison, have shorter curved horns. In addition, unlike buffalo, bison have beards and huge muscular humps on their shoulders. Still, although bison aren't buffalo, the two are related. They belong to the same family of animals as cattle, goats, and sheep.

Let's look closer at the American bison.

Bison are the heaviest land animals in North America. Some bulls, or male bison, weigh 2,000 pounds. Bison often live and travel in herds. For most of the year, bulls are separate from the cows, or female bison, and their calves. In summer's breeding season, bulls join the female herds. Bulls fight each other for dominance. They bellow, shove, and butt heads. They also roll in the dirt to show strength and to leave their scent.



Rutuparna Jena, UG 3rd year

10 AMAZING FACTS ABOUT THE HUMAN BODY

Ankita Jena, UG 3rd year



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| <p>01 Infants
Infants are born with approximately 300 bones, but as they grow some of these bones fuse together. By the time they reach adulthood, they only have 206 bones.</p> | | <p>06 Teeth
Teeth are considered part of the skeletal system, but are not counted as bones.</p> | |
| <p>02 Location
More than half of your bones are located in the hands, wrists, feet, and ankles.</p> | | <p>07 Brain
Despite accounting for 2% of our body mass, the brain uses 20% of our oxygen and blood supply.</p> | |
| <p>03 Cells
Every second, your body produces 25 million new cells. That means in 15 seconds, you will have produced more cells than there are people in the United States.</p> | | <p>08 Running
While humans are not the biggest, fastest, or strongest animals around, we are the best at something: long distance running.</p> | |
| <p>04 Bone Sizes
The largest bone in the human body is the femur, also known as the thigh bone. The smallest bone is the stirrup bone, which is located inside your ear drum.</p> | | <p>09 Water
About 60% of your body is made up of water.</p> | |
| <p>05 Blood Vessels
There is anywhere between 60,000-100,000 miles of blood vessels in the human body. If they were taken out and laid end-to-end, they would be long enough to travel around the world more than three times.</p> | | <p>10 Strong Bones
Pound for pound, your bones are stronger than steel. A block of bone the size of a matchbox can support up to 18,000 pounds of weight.</p> | |



Anwasha Panda, UG 3rd year



Abhipsa Das, UG 2nd year



Ananya Mohanty, UG 1st year



G.Asha, UG 2nd year



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