

# **SANGHARSH BATCH 2025**



CHAPTER

**THE SKELETAL SYSTEM**

LECTURE NO.

**2**

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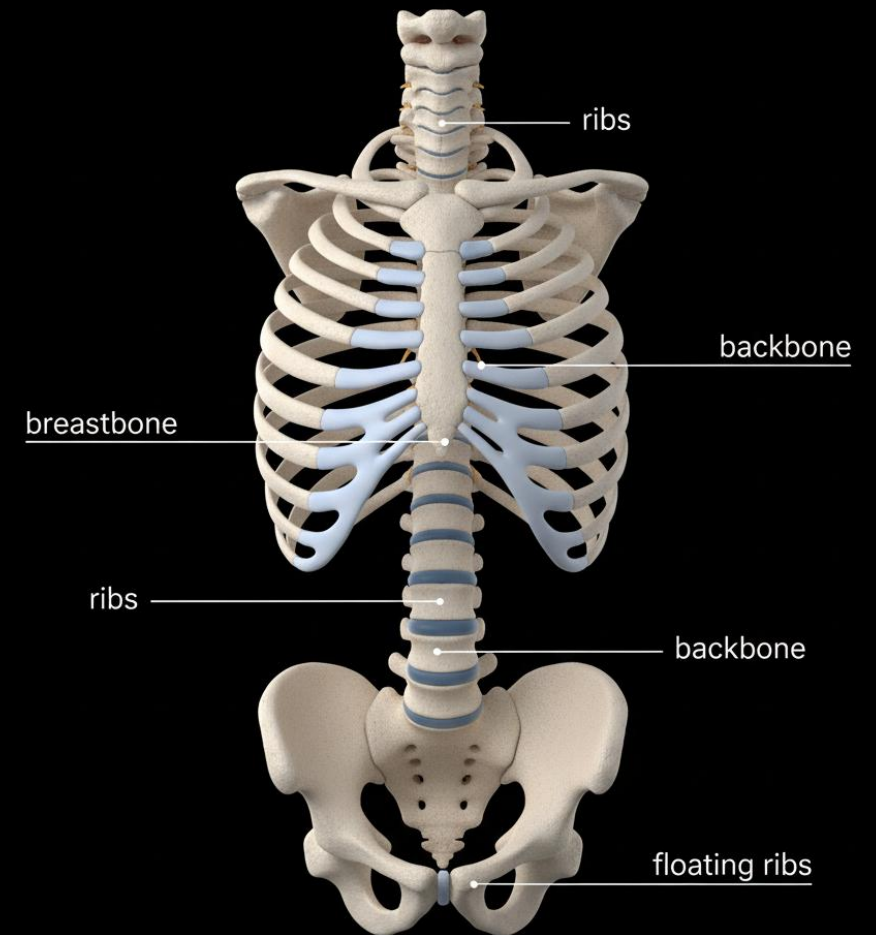
# The BACKBONE

The skull is attached to the backbone. The backbone is made of 33 small butterfly-shaped bones called vertebrae. The backbone supports our body and protects the spinal cord. The backbone is also called the vertebral column or the spine.



# The RIBCAGE

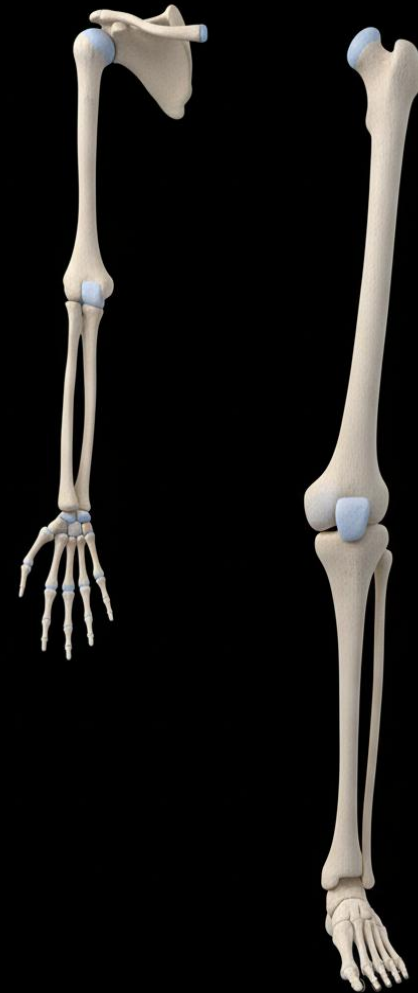
The ribcage consists of 12 pairs of curved bones called ribs. The ribs are attached to the backbone at the back and to the breastbone in the front. The lowest two pairs are attached only to the backbone. They are called floating ribs. The ribcage encloses the heart and lungs and protects them from injury.



# The Limbs



The arms and legs are called limbs. The arms are attached to the shoulder bones. The upper arm has one long bone called humerus. The lower arm has two bones. The upper arm joins the lower arm at the elbow. Many small bones make up the wrist and hand. The thigh bone, called femur, is attached to the hip bones. Femur is the longest bone in our body. The lower leg has two bones. The upper leg meets the lower leg at the knee. Many small bones make up the ankle and foot.







**THANK YOU**  
FOR YOUR CONTRIBUTION