# NANDHA SIDDHA MEDICAL COLLEGE AND HOSPITAL, ERODE-52.

# DEPARTMENTAL ACTIVITIES

Date: [10.03.2025] Department: Anatomy Department Course/Program: [I Professional BSMS] Syllabus: Competency-Based Curriculum Development (CBCD)

### **Objective:**

To align with the Competency-Based Curriculum Development (CBCD) framework, the Anatomy Department conducted various activities aimed at improving students' competency in anatomical knowledge, practical skills, and critical thinking. The activities, such as model preparation and flashcard creation, were designed to enhance student learning, improve their hands-on skills, and enable them to achieve the learning outcomes expected under the CBCD.

### **Activities Conducted:**

### Model Preparation Workshops:

**Objective:** To develop students' practical competency by enabling them to visualize and understand the 3D anatomy of the human body through hands-on model creation.

#### **Details:**

Students were divided into groups to create models of bones, organs, and systems (e.g., skeletal system, cardiovascular system, nervous system).

Materials such as clay, thermocol, and plaster were used to construct realistic anatomical models.

Each group presented their model, demonstrating knowledge of anatomical structures and functions, linking theory to practice.

#### Outcome:

Students demonstrated increased competency in understanding anatomical structures and their functions.

Fostered teamwork and practical application of theoretical knowledge.

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### **Flashcard Preparation Sessions:**

**Objective:** To support students in developing competency in quick recall, identification, and understanding of anatomical structures and terminology.

### **Details:**

Students created flashcards featuring anatomical terms, diagrams, and functions for active learning and revision.

Flashcards were categorized by body systems (e.g., musculoskeletal, cardiovascular, digestive).

An interactive quiz session was organized where students used the flashcards to test one another's knowledge and engage in peer learning.

### Outcome:

Enhanced student competency in recalling and identifying anatomical structures and terminology.

Encouraged self-assessment and peer-to-peer teaching.

### **Conclusion:**

The implementation of activities such as model preparation and flashcard creation under the Competency-Based Curriculum Development (CBCD) framework has significantly enhanced student competency in anatomy. These hands-on learning activities not only helped students improve their understanding of anatomical structures but also encouraged active participation, peer learning, and critical thinking. The department will continue to focus on such interactive, competency-oriented activities to ensure that students meet the desired learning outcomes of the CBCD framework

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