

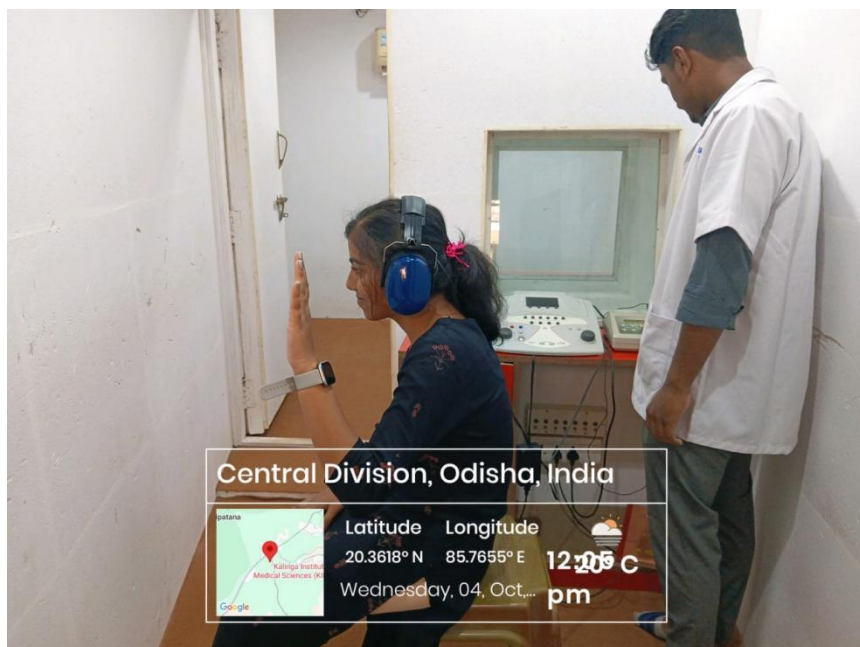
Detailed report of laboratories utilities for the benefit of students as learning resources

AUDIOLOGY LAB:-

Objective:-

1. Administer Pure-tone audiometry.
2. Administer Bone-conduction audiometry.
3. Estimation of Pure-tone average.
4. Administer tuning fork tests.
5. Otoscopic examination.
6. Administer special -tests (SISI, TDT, MCL, UCL)
7. Administer speech audiometry test.

Outcome:- The student will be able to diagnose the type and degree of hearing loss, examine the condition of tympanic membrane with proficiency.



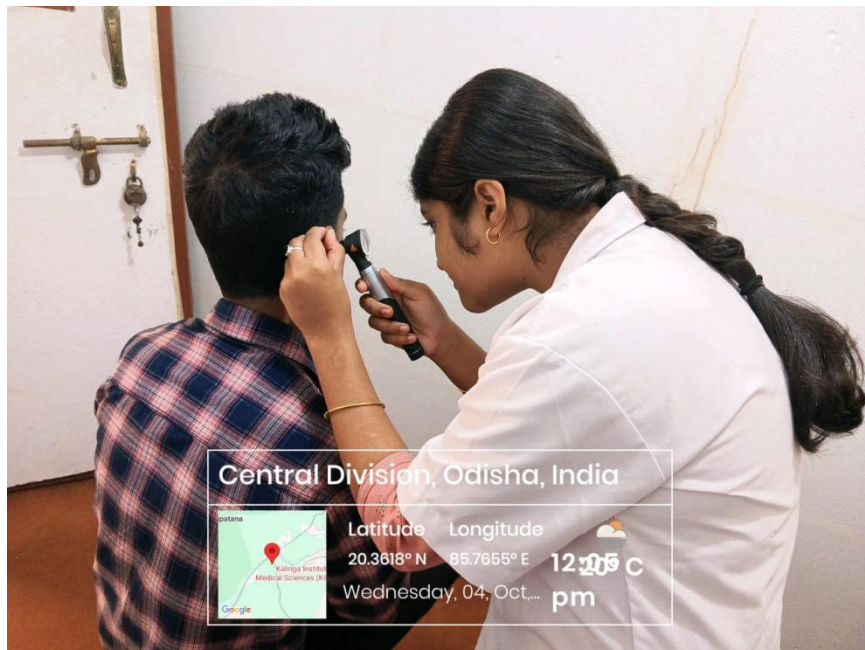


INSTITUTE OF HEALTH SCIENCES

(A Unit of Margdarsi)

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ANATOMY LAB:-

Objective:-

1. Identification and description of all anatomical structures.
2. The learning of Anatomy is by demonstration only through dissected parts, slides, models, charts, etc.
3. Demonstration of dissected parts (upper extremity, lower extremity, thoracic & abdominal viscera, face and brain).
4. Demonstration of skeleton- articulated and disarticulated.
5. During the training more emphasis will be given on the study of bones, muscles, joints, nerve supply of the limbs and arteries of limbs.
6. Surface anatomy: -surface land mark-bony, muscular and ligamentous. -surface anatomy of major nerves arteries of the limbs.
7. Points of palpation of nerves and arteries.

Outcome:- The student will be enabled to learn in detail about the body parts its anatomy thereby enabling them to diagnose the effected part with proficiency.



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Physiology lab:-

Objectives:-

1. Examination of pulse ,B.P. Respiratory rate.
2. Reflexes.
3. Spirometry to measure various lung capacities & volumes, Respiratory rate, Tidal volume, IRV, IC ERV. EC, residual volume on Spirometry.
4. Estimate of Haemoglobin. R.B.C., W.B.C., TLC. DLC, ESR count.
5. Blood indices, Blood grouping. Bleeding & clotting time.

Outcome:- The student will lead with a better clarity of all the physiological processes and the abnormalities associated with it leading to a disorder/disease and the parameter associated with it.



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