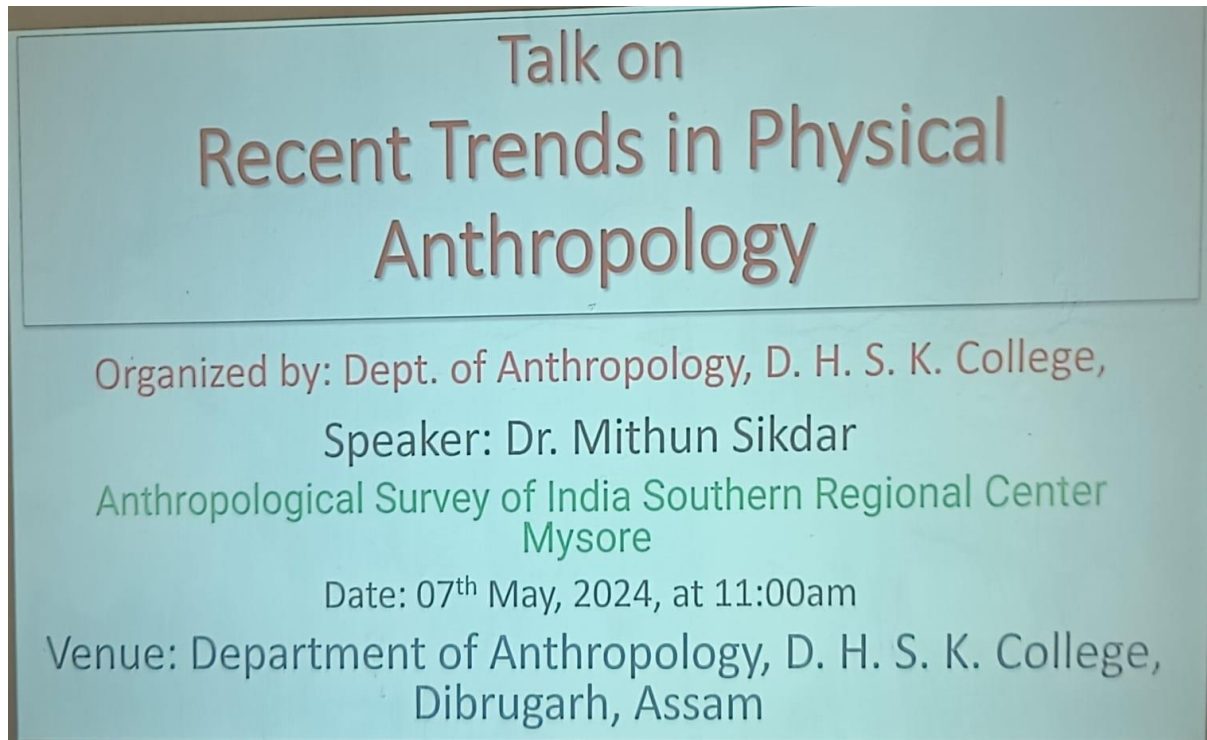


Department Activity

Department of Anthropology organized a talk on Recent Trends in Physical Anthropology.



On 7th of May 2024, the Department of Anthropology at D.H.S.K College arranged a captivating discussion on **the recent trends in Physical Anthropology, featuring Dr. Mithun Sikdar, Superintending Anthropologist from Anthropological Survey of India, Government of India, Mysore, India.**

This illuminating event provided important insights on the study of human biological evolution and variation, shedding further light on how the focus of Physical Anthropology is changing over time.

Dr. Sikdar emphasized on the interdisciplinary nature of Physical Anthropology, which integrates principles from biology, genetics, anatomy, and archaeology to comprehend the complexities of human variation. He highlighted the significance of recent advancements in technology, such as Stable Isotope Analysis, Whole Genome Sequencing and Gut Microbiome diversity to reconstruct past events and also to elucidate the biological diversity among human populations.

One of the key themes explored during the discussion was the role of advanced genetics in understanding human evolution and adaptation. Dr. Sikdar delved into recent research findings that have reshaped our understanding on human migration patterns, and genetic admixture. By analyzing ancient DNA from archaeological remains and employing sophisticated computational methods, researchers are unravelling the intricate tapestry of human ancestry and dispersal across continents.

Furthermore, the talk addressed the pressing issue of anthropogenic impacts on human health. Dr. Sikdar emphasized the need for interdisciplinary approach between anthropologists, public health experts, and policymakers to address emerging health challenges and promote well-being in diverse populations.

Another focal point of the discussion was the application of physical anthropological knowledge in forensic science and human identification. Dr. Sikdar elucidated the pivotal role of physical anthropologists in forensic investigations, where skeletal remains serve as crucial evidence in such investigations. By employing osteological analyses, forensic anthropologists contribute to the identification of individuals, determining the age, sex, and ancestry of the person, and reconstruction of past events.

In conclusion, the discussion on recent trends in Physical Anthropology led by Dr. Mithun Sikdar provided valuable insights into the dynamic field of human biological diversity and evolution. By embracing interdisciplinary approaches, leveraging cutting-edge technologies, and upholding ethical standards, anthropologists continue to unravel the questions of human biology and address pressing societal challenges in the modern world.



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M.Sc 4th Semester

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