

## Report on

### Exploring Fossilization: Insights from Geology for Zoology Postgraduates

Date: 11 July 2024

Time: 11:30 to 12:45

Audience: 8 Postgraduate Students and Faculty from the Department of Zoology

Hosted By: Department of Geology

On 11 July 2024, the Department of Geology hosted an engaging guest lecture aimed at the postgraduate students and faculty of the Department of Zoology. The event, titled "*Exploring Fossilization: Insights from Geology for Zoology Postgraduates*," provided a comprehensive overview of fossilization methods and the practical uses of fossils.

The session began with an introduction to various fossilization processes, including per mineralization, casting and molding, and carbonization by **Dr. M.R. Goutham**, Head of the Department of Geology. He on how these processes preserve different types of organisms and their features over geological timescales.

The lecture also covered the significance of fossils in reconstructing past environments, understanding evolutionary changes, and their role in biodiversity studies. **Dr. Narra Srinivasa Rao**, Lecturer in Geology highlighted case studies that demonstrated the application of fossil evidence in both palaeontology and modern zoological research.

The event fostered an interactive environment, with attendees actively participating in a Q&A session, where they discussed how geological methods and fossil data could complement zoological studies. The session concluded with a brief overview of potential collaborative research opportunities between geology and zoology departments.

The lecture was well-received, providing valuable insights and fostering interdisciplinary dialogue among the attendees. The Department of Geology looks forward to future opportunities to collaborate and share knowledge with the Department of Zoology.