

**Department of Geology
Government College (Autonomous) Rajahmundry**

National Fossil Day Report – 15 October 2025

National Fossil Day 2025: Event Summary

**Department of Geology Government College (Autonomous)
Rajahmundry**

Report on National Fossil Day – October 15, 2025

In accordance with the department's 2025-26 academic schedule, a collaborative program was held on October 15, 2025, involving the Geology, Botany, and Zoology faculties. The primary objective of this gathering was to immerse the student body in the study of prehistoric remains, highlighting how interdisciplinary efforts between biological and earth sciences reconstruct our planet's timeline.

Attendance and Participation

The session saw active participation from **94 students** and various faculty members across the three science streams. A notable highlight of this year's celebration was the visit of students from **P.R. Government College (Autonomous), Kakinada**, and NG Ranga Agricultural University who visited the department to participate in the day's specialized activities.

Besides the students, following faculty attended the program

- Dr. A. Srinivasa Rao, Head, Department of Botany
- Sri K. Durga Rao, Head, Department of Zoology
- Dr. P. Kiran Kumar, Faculty in Zoology, PR College (A), Kakinada
- Faculty from NG Ranga Agricultural University, Rajahmundry

Key Presentations and Academic Insights

- Dr. M.R. Goutham (Geology): Provided a detailed overview regarding the preservation processes of organic remains and their vital role in determining the chronology of layered rocks and past climates.
- He also addressed the group on the significance of the chronostratigraphic scale and the future career potential within the field of paleobotany.
- He further discussed the progression of life from simple organisms to modern humans, emphasizing the ecological footprint left by mankind on the current environment.

Invited Guest Speaker The department welcomed Dr. S.S.K. Chaitanya, Head of the Geology Department at Sir C.R. Reddy Autonomous College, Eluru, as the keynote speaker. His presentation, titled “**Earth’s History through Time,**” offered a sweeping view of our world's 4.6-billion-year journey. He illustrated the transition from a volcanic infant planet to the present-day Anthropocene, focusing on the shifting continents and the dramatic rise and fall of various species.

Dr. Chaitanya further shared personal research findings from his work in Norway and Mexico, bridging the gap between local curriculum and international geological research.

Exhibition and Field Application

- **Paleontological Gallery:** Attendees viewed a curated selection of specimens, including ammonites and trilobites, which served as physical evidence for the progression of biological complexity.
- **Practical Training:** To complement the indoor sessions, participants were encouraged to join an upcoming fieldwork to the **Duddukuru-Pangidi** region. This site offers a rare opportunity to observe fossil-rich limestone in its natural setting, allowing students to practice field identification techniques.

Photo Gallery

