



**GOVERNMENT DEGREE COLLEGE, RAYACHOTY**

**(Affiliated to Yogi Vemana University)**

**Chittoor Road, Rayachoty, KADAPA (Dist.)**

**ACCREDITED BY NAAC WITH "C" GRADE**



**DEPARTMENT OF ENGLISH**

**FIELD TRIP-TALAKONA&TIRUPATHI**

**SCIENCE AND TECHNOLOGY**

**2022-2023**



**GDC.RAYACHOTY,DEPT.OF BOTANY,COLLEGE INSTITUTE WAS ARRANGED FIELD TRIP TO TALAKONA&TIRUPATHI SCIENCE AND TECHNOLOGY ALONG WITH STUDENTS ANS STAFF MEMBERS AND ALSO NON-TEACHING STAFF.**

**NO.OF STUDENTS ARE PARTICIPATED:35.**



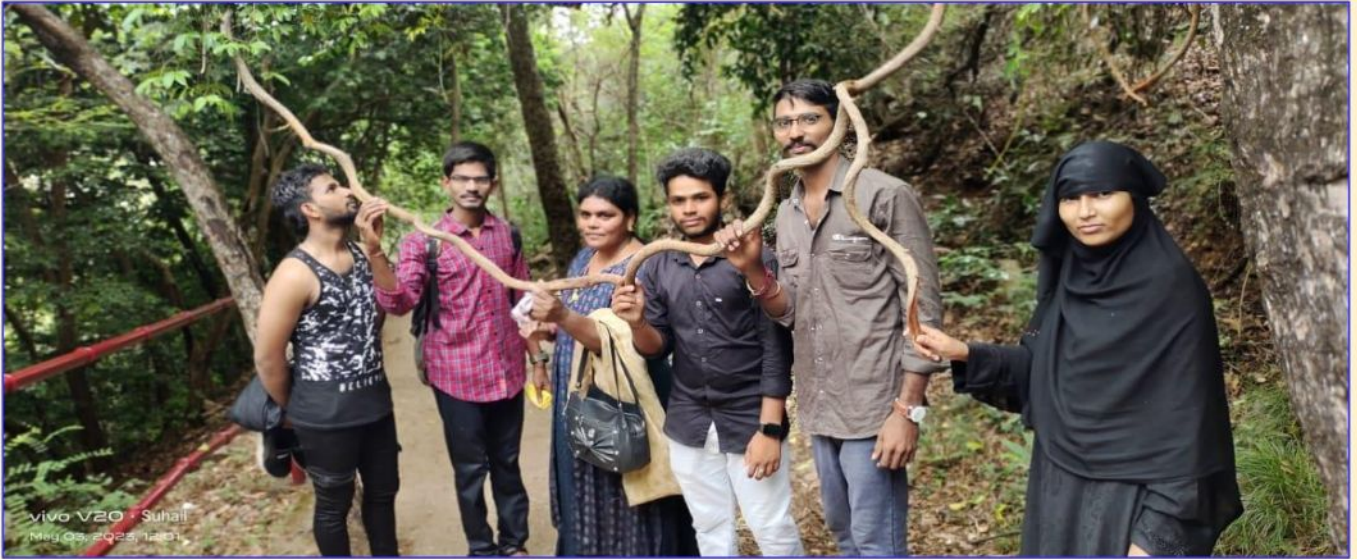
We are excited to announce an educational field trip to **Talakona Forest**, one of the most beautiful and ecologically rich regions in Andhra Pradesh! This trip is not just about exploring nature — it's also an opportunity to understand the close connection between **science, technology, and the environment**



### Objectives of the Trip:

- **Environmental Awareness:** Learn about the unique biodiversity of Talakona, including rare plants, animals, and the importance of preserving forests.
- **Scientific Exploration:** Study the ecosystem, water cycle (Talakona waterfalls), and forest conservation methods.
- **Technology & Sustainability:** Discover how modern technologies like **GIS mapping, drone monitoring, and eco-friendly energy solutions** are helping in forest conservation.
- **Hands-On Learning:** Participate in activities such as nature walks, eco-surveys, and interactive sessions with forest officials a





- **Biodiversity Hotspot:** Talakona Forest is home to a rich variety of flora and fauna, including several rare and endemic species found only in this region



- **Medicinal Plants:** The forest hosts numerous medicinal plants used in traditional healing systems like Ayurveda, benefiting both local communities and scientific research.
- **Wildlife Habitat:** It provides a safe habitat for endangered species such as the Indian giant squirrel, golden gecko, and slender loris.
- **Tiger Reserve Zone:** Talakona is part of the buffer zone of the Sri Venkateswara National Park, which is known to shelter tigers and leopards.
- **Water Source:** The dense vegetation helps maintain the local water table and supports the famous Talakona waterfalls, an important supporting agriculture and forest

regeneration.

- **Climate Regulation:** The forest acts as a carbon sink, absorbing carbon dioxide and helping in climate regulation at the local and regional level.
- **Soil Conservation:** Tree roots and ground cover prevent soil erosion, maintaining the fertility and stability of the land.



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 Lat 13.624638°  
 Long 79.365178°  
 03/05/23 02:38 PM GMT +05:30

- **Cultural and Spiritual Value:** Many species in Talakona are considered sacred by local communities, adding cultural and spiritual significance to biodiversity.
- **Scientific Research:** The unique species diversity offers excellent opportunities for scientific studies in ecology, botany, zoology, and environmental science.

- freshwater source.

- **Pollination Support:** Species like bees, butterflies, and birds in Talakona contribute to pTollination

