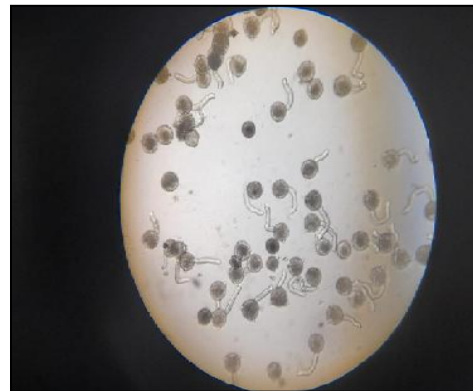


# PROGRAMS AND PROJECTS CONDUCTED BY DEPARTMENT OF BOTANY

## Projects completed by Department of Botany

The Department of Botany offers a dynamic range of research projects that delve into various aspects of plant biology. Among the key research areas, projects are the study of pollen morphology across different flower species, where students and researchers analyse the structural characteristics of pollen grains from a variety of plants. Another focal project involves the investigation of pollen germination patterns from flowers native to diverse geographical regions, providing valuable insights into plant reproductive strategies. Additionally, the department conducts in-depth placentation studies, examining the arrangement and development of ovules within the floral structure. These projects offer students the opportunity to engage in cutting-edge botanical research, contributing to a deeper understanding of plant morphology and reproduction.



## Programs conducted by Department of Botany



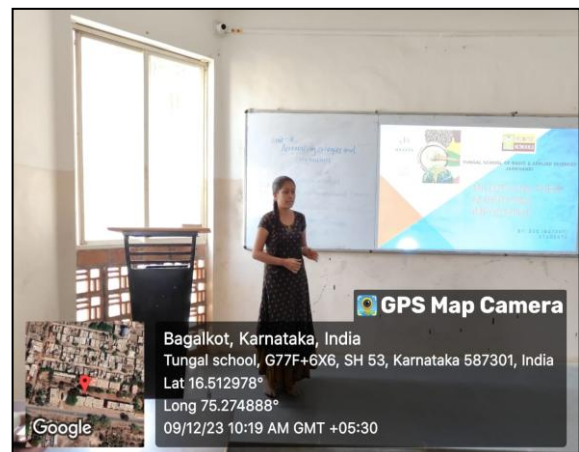
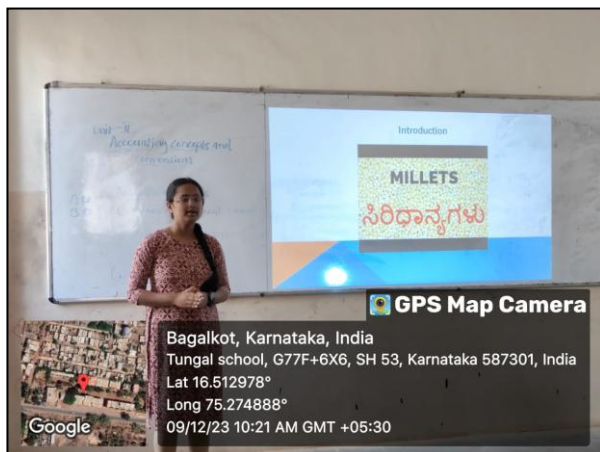
**Poster Presentation Competition**

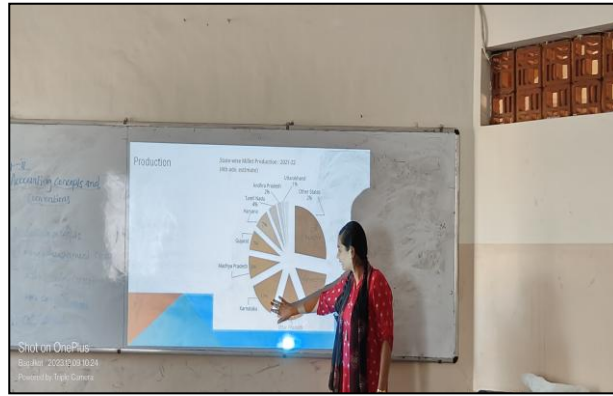


**Best out of Waste Competition**

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## **A presentation by the Students of Botany and Zoology on International Year of Millets (2023) to create awareness about the importance of Millets**





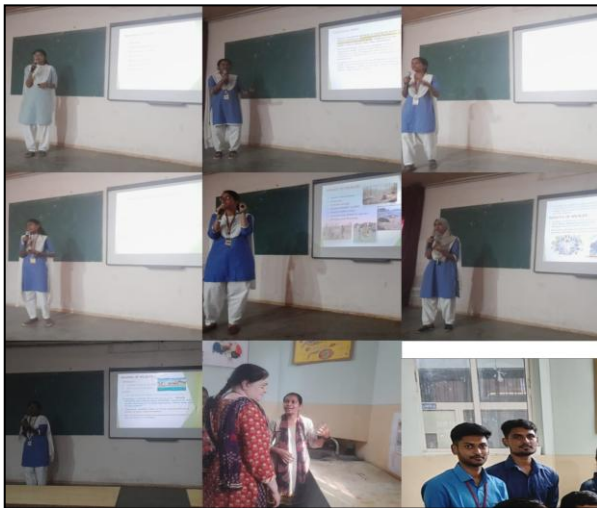
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**A plantation program was organized on June 5, 2024, in celebration of Environmental Day, emphasizing the importance of sustainability and environmental conservation.**





**World Wildlife Week was celebrated in the presence of Assistant Conservator of Forests (ACF) the Range Forest Officer (RFO), highlighting the importance of wildlife conservation and biodiversity protection.**



**Two sessions were conducted.**

- 1) Presentation by students in presence of guests and member trustee of the institute and other students, on Conservation of Wild Life to create awareness about conservation of Natural Resources.**
  - 2) Exhibition was organized on endangered flora and fauna**
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## VISITS :

The Department of Botany organized visits for students to acquire practical knowledge, focusing on the study of plants, plant families, and the functioning of laboratory equipment such as LAF and autoclaves, along with plant breeding techniques and the diversity of non-flowering plants.



**A visit to Dempo Dairy Asangi, Tq.: Banhatti – Rabakavi**

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**Field visit to Horticultural Department, Jamkhandi for the study of Plant Breeding Techniques**

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**A trip was organized to Ranganatittu Bird Sanctuary for the study of ecosystems and conservation, providing students with an opportunity to explore and learn about environmental preservation firsthand.**

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**A trip was organised to Chikkamagaluru to study different types of ecosystem and for the diversity of non flowering plant**

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**Visit to Siddapur, Tq. Jamkhandi, to get a practical knowledge about the cultivation of Azolla**

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# Visit to University of Horticultural Sciences Bagalkot for the purpose of study of vegetative propagation methods and tissue culture laboratory, biotechnology laboratory

