



PRAKRITI



ICFRE-INSTITUTE OF FOREST BIODIVERSITY (IFB), HYDERABAD
Report on Visit of Zilla Parishad High School (ZPHS) Students
from Bahudurpally, Hyderabad, Telangana to ICFRE-IFB,
Hyderabad on 28-02-2025.

The ICFRE-Institute of Forest Biodiversity (ICFRE-IFB), Hyderabad has celebrated **National Science Day & Prakriti** on 28th February 2025. As a part of the program Zilla Parishad High School (ZPHS), Bahudurpally, Medchal, Telangana students visited ICFRE-Institute of Forest Biodiversity, Hyderabad for getting acquainted with the activities of the institute. A total of 40 students along with four teachers participated.

Dr. Suraj, Scientist-B, ICFRE-IFB welcomed the students & enlightened them about importance of the National Science Day and Prakriti. He briefed about the institute's activities and provided valuable insights into the ICFRE-Institute of Forest Biodiversity and its work in research, extension, AICRPs, and consultancy projects. He also discussed about Forest chemistry and natural products their plant sources & chemical structures, equipment's & usage. He also talked about the current research strategies of ICFRE-IFB, such as chemical investigations, pheromone chemistry & forest pest management, climate change & chemical indicators, sustainable chemistry & biodegradable polymers.

Ms. Aryama Mishra, Scientist-B, ICFRE-IFB, gave a compelling presentation on Herbarium preparation. Herbarium preparation involves collecting plant specimens, typically when in bloom or fruiting. The plants are pressed and dried between newspaper and cardboard to flatten them. After drying, the specimens are mounted on herbarium paper with labels that include details such as scientific name, collection date, and location.

The mounted specimens are stored in cool, dry conditions and may be treated with chemicals to prevent pests and deterioration. This process helps preserve plants for scientific study and research.

The program concluded with a biodiversity walk, led by the institute's technical staff, aimed at raising awareness about biodiversity conservation and identifying local flora in the ICFRE-IFB campus. Students also visited nurseries, field experiment sites, and various laboratories, including the Soil, Entomology, and Non-Timber Forest Products (NTFP) Research Laboratories. The entire program was coordinated by the Extension Division Team of ICFRE-IFB, Hyderabad.



Glimpses of the Program

