

**Dempo Charities Trust's
Dhempe College of Arts and Science
Panaji, Goa**

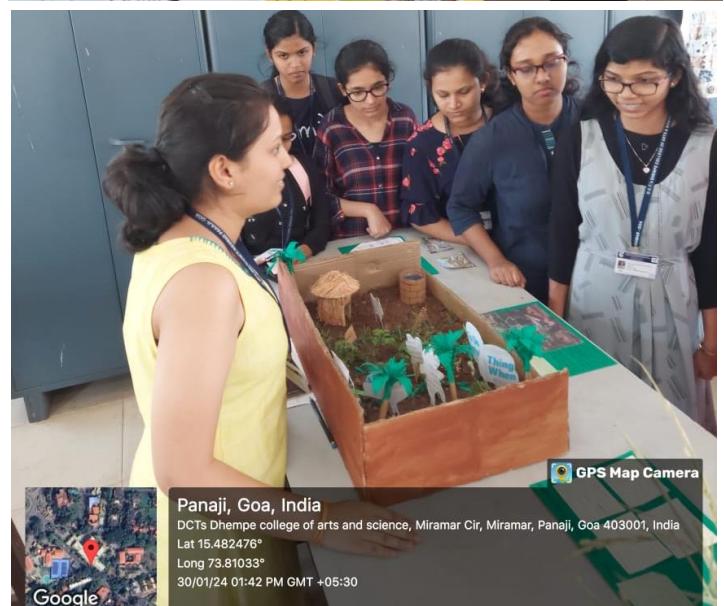
DEPARTMENT OF BOTANY

Date: 30/01/2024

**Report of Science exhibition 'Inspire the Next' held on Tuesday, 30th January 2024
organised by Department of Botany under DBT Star College Scheme.**

Department of Botany participated in college science exhibition 'Inspire next' organised by college on 30th January 2024 with theme '*Techniques in sustainable agriculture and organic farming*'. In this exhibition importance of adopting sustainable practices were highlighted by displaying available organic farming techniques. Models of composting, vermicomposting, waste segregation, crop rotation, mix cropping, green manuring, permaculture with kulagar as model were on display. This was followed by second section where demonstration of live specimens of biofertilizers like Azolla, Nostoc, Anabaena, Phosphate solubilizing bacteria, mycorrhiza, Rhizobium, endomycorrhizal fungi, ectomycorrhizal fungi. With help of posters students also explained procedures to make formulations. Liquid microbial consortiums like effective microorganisms, panchgavya, Jivamrut, bioenzymes received special attention of visitors. Soil testing methods and use of soil analysis report was also demonstrated. Third section consisted of Biocantrol methods like Beavervia, Trichoderma, metarrhizium etc. Bordeaux mixture preparation recipe and pheromone traps were also on display. Total 126 visitors included students, teachers and guests. Feedback for exhibition was positive and exhibits on important theme were well appreciated.





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