



Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur

Department of Botany

Report on PlantPlay: An Innovative Hub for Botany Enthusiasts (2023-24)

Date – 25/10/2023

Introduction

PlantPlay is a pioneering educational platform crafted to make learning botany an engaging, enjoyable experience. Serving as a creative hub for students and botany enthusiasts, PlantPlay offers a diverse collection of interactive games that simplify complex botanical concepts, making them accessible and exciting for learners at all levels.

Project Overview

Developed by the undergraduate students of SSSEA's Science College, Nagpur, India, PlantPlay embodies the spirit of learning by doing. The project falls under the “From the Students to the Students” scheme, which encourages students to create valuable resources for their peers, nurturing a collaborative and supportive learning environment.

Guidance and Mentorship

PlantPlay has been brought to life under the expert guidance of Dr. Sarang Dhote, Incharge of the Innovation and Incubation Centre, and Dr. P. Tiwari, Professor Botany. Their leadership and vision have been instrumental in ensuring that each game is not only educational but also enjoyable and interactive, with a focus on fostering curiosity and enthusiasm for botany among students.

Student Team

The development team comprises six dedicated undergraduate students, each contributing unique skills and perspectives:

- Shreya Wankhede
- Kumudini Bawane
- Shamali Kale
- Shivani Uikey
- Natasha Pidurkar
- Janhavi Humane
- Pradnya Wasnik
- Avantika Sonkuwar

These students collaborated to design, test, and refine each game, ensuring it serves as an effective learning tool that complements traditional academic studies.

UNESCO Sustainable Development Goals (SDGs)

In alignment with UNESCO's Sustainable Development Goals, PlantPlay focuses particularly on Goal 4: Quality Education and Goal 4.7: Lifelong Learning. By promoting an innovative, student-centered learning environment, PlantPlay fosters a sense of responsibility toward global educational standards, aiming to inspire a love for lifelong learning within the field of botany.

Conclusion

PlantPlay stands as a testament to the creativity, dedication, and innovation of SSSEA's students. It not only makes botany learning fun but also prepares students to become leaders in sustainable education. As the platform grows, PlantPlay hopes to inspire more students to explore and appreciate the intricacies of plant life, making botany a more approachable and enjoyable subject for all.

