



Shri Shivaji Education Society Amravati's

Science College, Nagpur

Biotechnology Department

Report on the Launch of BioTech Titans: A Unique Educational Platform for Biotechnology

Introduction

The launch of **BioTech Titans**, an innovative and interactive platform, marks a significant milestone in simplifying the learning of biotechnology. Created by the undergraduate students of SSSEA's Science College, Nagpur, this platform offers a collection of engaging educational games that transform complex biotechnological concepts into enjoyable and accessible learning experiences. From genetic engineering to bioinformatics, BioTech Titans covers a wide array of topics designed to help students tackle challenging questions and develop a deeper understanding of biotechnology.

About the Project

BioTech Titans is the result of collaborative efforts under the esteemed guidance of:

- **Dr. Sarang Dhote**, Incharge of the Innovation and Incubation Centre
- **Dr. P. Gulhane**, Head of the Department of Biotechnology

The project showcases the creative talents of the following undergraduate students:

- Anisha Shende
- Ishita Padgil
- Shamali Kale
- Ojaswini Bhagat
- Akanksha Tekade
- Snehal Sahare
- Leena Meher
- Anuradha Khope
- Ishwari Gawande

Learning Through Play

BioTech Titans focuses on making biotechnology concepts approachable and engaging through gamified learning. The platform includes thoughtfully crafted games that deconstruct intricate topics into manageable challenges, fostering quick comprehension and sustained interest among students. It embodies the idea of "learning through play," ensuring that even the most complex ideas are accessible and enjoyable.

From the Students to the Students

This initiative was developed under the "From the Students to the Students" scheme, which encourages peer learning and collaboration. The scheme not only empowers students to contribute to their academic community but also promotes innovative educational practices that align with global standards.

Alignment with UNESCO SDGs

BioTech Titans is designed with a strong focus on the **UNESCO Sustainable Development Goals (SDGs)**, particularly:

- **SDG 4: Quality Education** – Providing innovative, inclusive, and high-quality educational resources.
- **SDG 9: Industry, Innovation, and Infrastructure** – Promoting creativity and innovation in education through interactive games.

Conclusion

The launch of BioTech Titans has introduced an exciting new way for students to explore the fascinating world of biotechnology. By combining education with innovation, this platform has set a benchmark for peer-driven learning and creative teaching methods. BioTech Titans stands as a testament to the dedication and ingenuity of the students and faculty of SSSEA's Science College, Nagpur, in fostering a love for science and lifelong learning.





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