Activty Report

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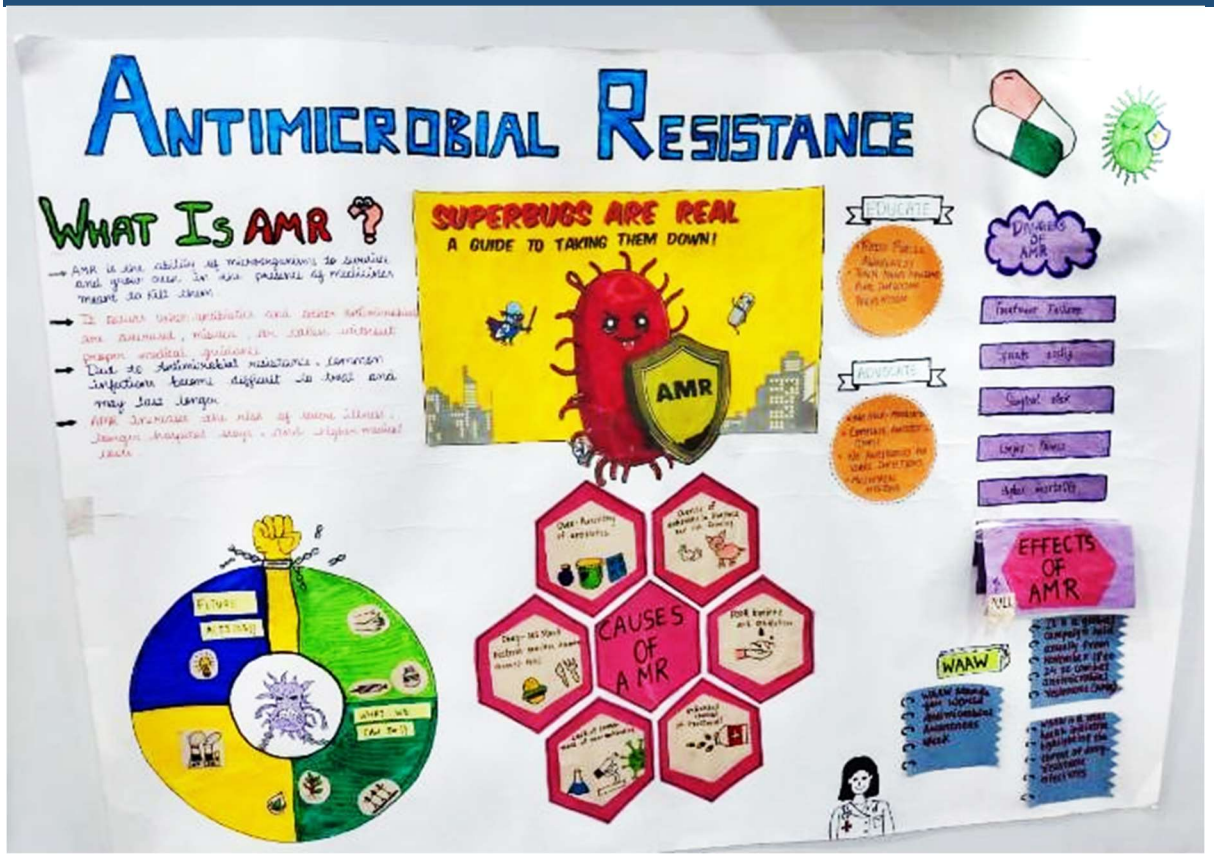
1. Emerging trends of Microbes

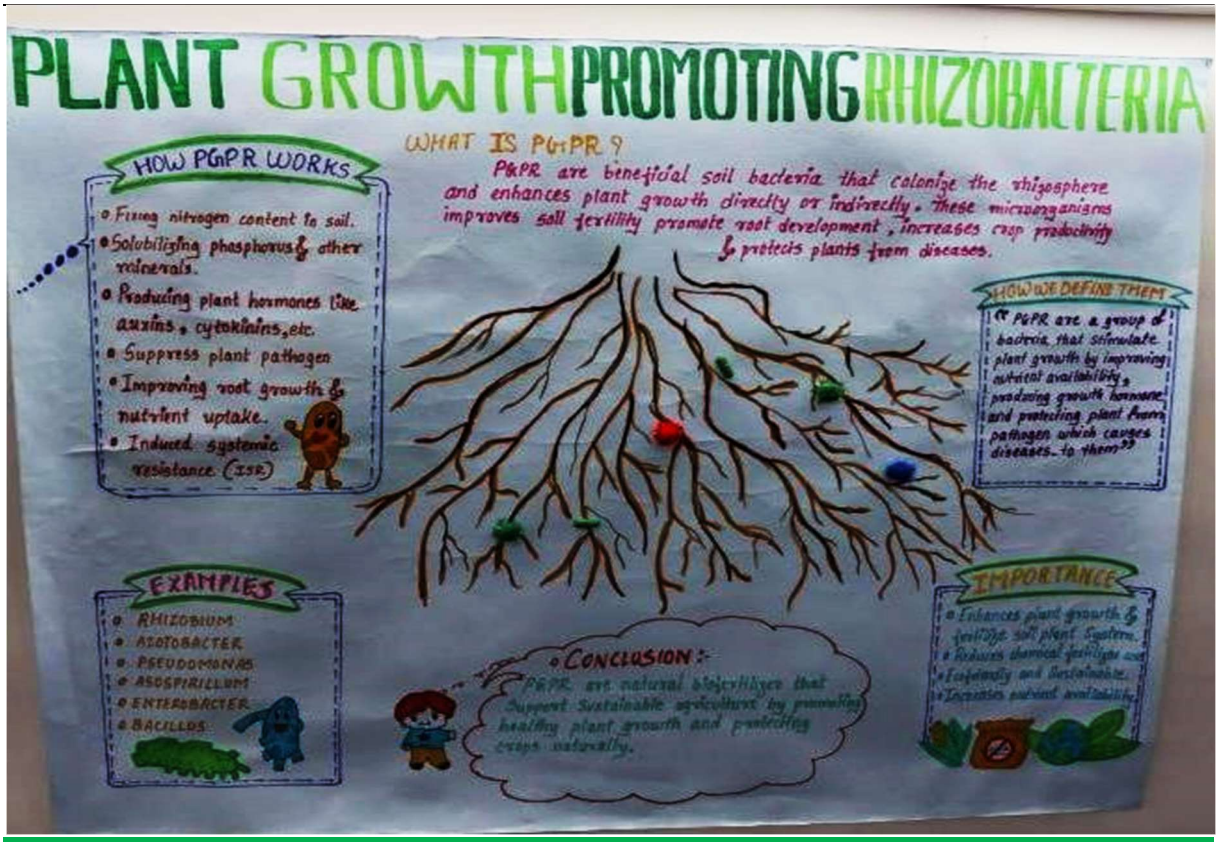
- An event under **MBSI (Microbiology Society of India)** was successfully conducted in the college by the Department of Microbiology with the active participation of students. The main objective of the event was to enhance students' understanding of microbiology concepts through creative and practical learning methods and to spread awareness about the importance of microbes in daily life and health.
- For the event, the students were divided into **three groups**, and each group was assigned different activities.
- The **first group** prepared **four informative posters** on important microbiological topics. The posters were based on:
    - **Bioremediation**
    - **AMR (Antimicrobial Resistance)**
    - **PGPR (Plant Growth Promoting Rhizobacteria)**
    - **Gut Microbiota**
- Along with the posters, the group also prepared a **model of a bacteriophage**, which helped in explaining the structure and function of bacteriophages in a simple and visual manner. The **second group** showcased their creativity by preparing **stone paintings of bacteria**. Different bacterial forms and structures were artistically painted on stones, making learning more engaging and visualing. The **third group** prepared a **rangoli of bacteria**, representing various microbial shapes and forms. This activity beautifully combined traditional art with scientific knowledge and attracted the attention of students and visitors.

- All the groups **explained and presented their projects** to President sir **Himanshu Sir** and also to other school students who visited the college. The presentations helped in improving communication skills and spreading scientific awareness among students.
- Later, the students conducted a **Buttermilk Campaign** with the slogan **"Drink Buttermilk and Stay Healthy."** As part of this campaign, the students brought and distributed buttermilk to promote healthy eating habits and awareness about probiotics.
- Overall, the MBSI event was informative, creative, and interactive. It provided a platform for **students** to learn, express creativity, and promote health awareness while strengthening their knowledge of microbiology.

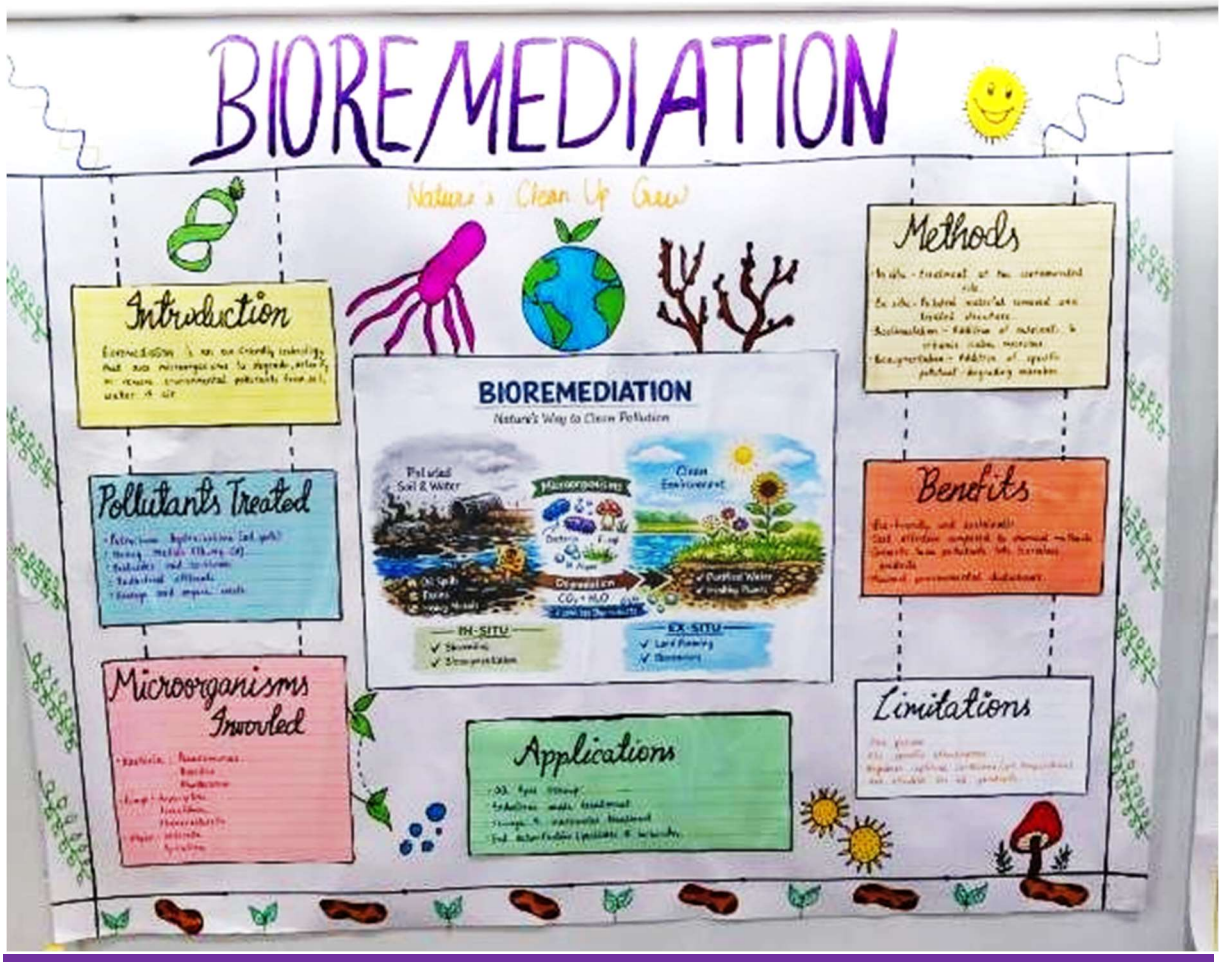

Interaction with School students



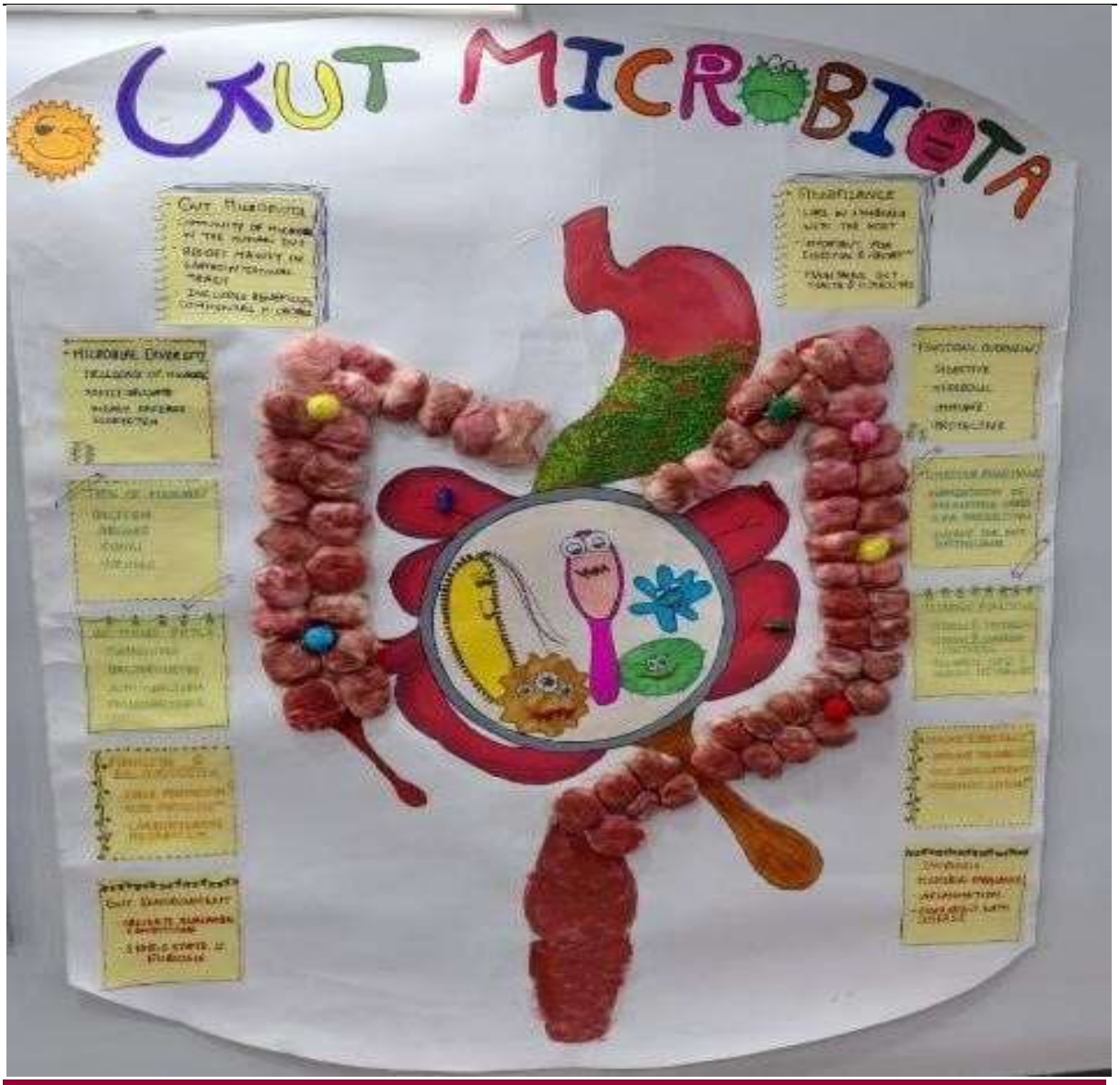
Poster on: Antimicrobial Resistance (AMR)



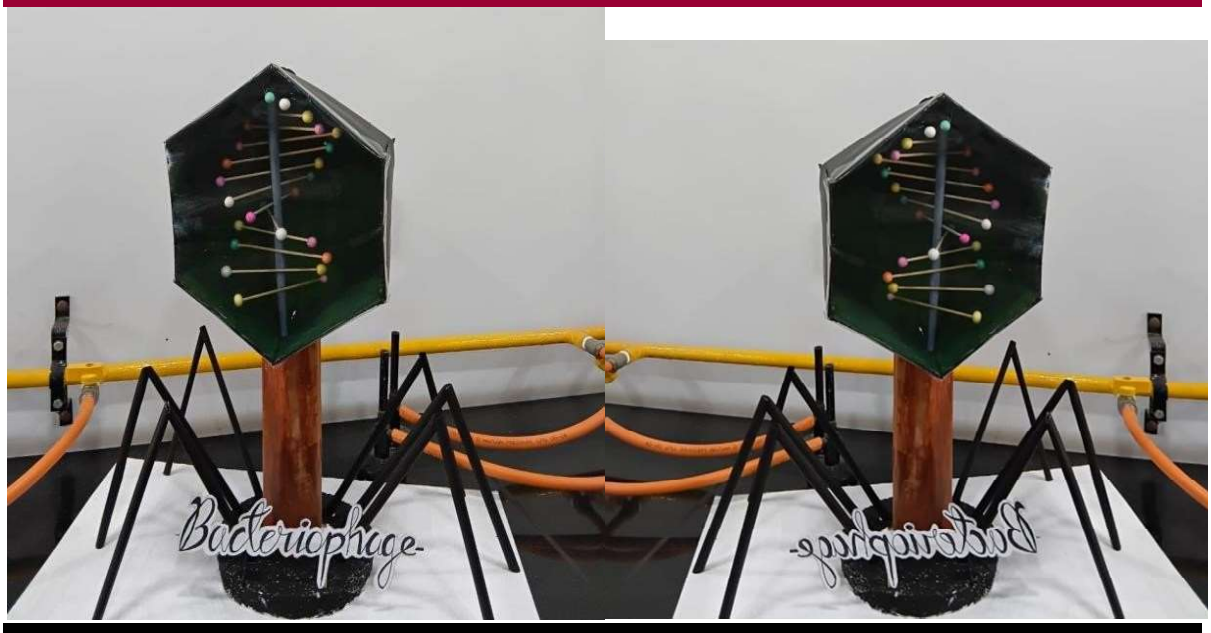
Poster on: Plant growth promoting Rhizobacteria (PGPR



Poster on: Bioremediation



Poster on: Gut Microbiota



Model Preparation: T2 Bacteriophage

Stone painiting on Morphology of bacteria

Rangoli Design on Different Microbes

Buttermilk Campaign: Drink buttermilk and stay healthy