

DECODE- DESIGN: WHY THE FUTURE NEEDS BIOLOGY REBELS

Nature of Programme	: Orientation by Alumnae
Title	: Decode- Design: Why the future needs Biology Rebels
Resource person	: D. Manasa, Clinical Nutritionist & Entrepreneur.
Number of Students	: III B. Sc honors - Microbiology, Food science & technology, Biochemistry, 6 Staff members
Date	: 12/07/2025

Brief Report:

The lecture emphasized the critical role of young minds to challenge conventional thinking and design novel solutions using biology as a tool for innovation. The speaker emphasized the need for creative, bold thinkers—**biology rebels**—who can decode the complexities of health and disease, and design sustainable solutions that benefit society.

The speaker explained how the gut microbiome influences digestion, immunity, and even mental well-being. In addition to health aspects, the session also introduced students to the entrepreneurial opportunities within this field. The growing market for probiotics, prebiotics, and functional foods was discussed as a platform for future business ventures, especially for students interested in combining science and entrepreneurship.

