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Pedagogical Innovation: Encouraging students to learn and discuss with peers

Encouraging students to learn and discuss with peers promotes collaborative learning, critical thinking, and effective communication. This approach enhances knowledge sharing, deepens understanding through diverse perspectives, and fosters teamwork. Peer discussions also help students clarify concepts, develop problem-solving skills, and build a supportive learning environment, improving both academic performance and interpersonal skills.



Assessment Innovation: Paper Presentations

Paper presentations are used to assess B.Tech Food Technology students' research skills, subject knowledge, and communication abilities. This method encourages independent study, critical analysis, and the ability to present complex ideas clearly. It also enhances confidence, fosters creativity, and helps student's articulate technical concepts effectively while developing their academic and professional presentation skills.





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Food fermentations: role of microorganisms in food production and preservation

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Digital Innovation: Prerequisite Test, Technical events, and online tests

Prerequisite tests, technical events, and online tests are conducted to evaluate and enhance B.Tech Food Technology students' foundational knowledge and technical skills. These digital tools provide real-time assessment, improve conceptual understanding, and prepare students for industry challenges. Online platforms ensure accessibility, foster competitive learning, and offer immediate feedback for continuous academic improvement and skill development.

The image shows a Zoom meeting interface. The main content is a presentation slide titled "SANDWICH" illustrating the ELISA process. The slide is divided into four stages:

- Monoclonal antibody-coated well:** A well containing blue Y-shaped antibodies.
- Antigen binds to antibody:** An "Antigen containing sample" (green oval) is added, and red antigen particles bind to the antibodies. This step is labeled "Incubate at 37°C".
- A second monoclonal antibody, linked to enzyme, binds to immobilized antigen:** Blue Y-shaped antibodies with red dots (enzymes) bind to the red antigens. This step is also labeled "Incubate at 37°C".
- Substrate is added and converted by enzyme into colored product; the rate of color formation is proportional to the amount of antigen:** A yellow substrate is added, and the enzymes convert it into a yellow product.

Below the slide, the Zoom meeting controls are visible, showing a grid of participants: Noopur Khare, Pankaj kumar, Food scito Dr..., 28 others, and Bhai Gurdas. The bottom status bar indicates "10:56 AM | 'World Food Day' Webinar". On the right, a "People" panel shows a search bar and a list of contributors, including Bhai Gurdas (Meeting host), aditya yadav, Ainas Ansari, Amanjot Kaur, and Arun Sheoran.