

Topic 2 : Bio Students Research Skills

Objectives: To improve students research skills

Skills to be developed:

- Skills to effectively search for scientific information --not just ordinary google search.
- Skills to critically judge on obtained information whether it is from a trusted source.
- Experimental work skills-- i.e. sample preparation and media preparation.
- Literature review skills.
- Discussion skills.
- Creativity and Innovative ideas.

Implementation:

- School provides more research instrument/ equipment.
- School provides more research funding to students.

Benefits/ Impacts:

- Students have research skills to work in research and development sections in food/agro industries.
- Students have innovative ideas and know research methodology to create new food products for future career in food business.

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Tacit Knowledge (Tips & Tricks):

- Teachers provide a review class for all senior students before students starting a research project.
- Teachers provide assignments that include the search of information and assign students to present this information and perform a class discussion.
- Teachers encourage students to solve problems that occurring during experimental work.
- Teachers assign students to read recent research articles to create innovative ideas and develop literature review skills.



Topic 2 : Bio Students Research Skills



Bio students have developed good presentation skills.



Bio students got Best Oral Paper Award.

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