

Best Practice –I

Title of Practice: Lab to Land work culture

Objectives of the Practice:

- (1) To apply the laboratory knowledge on field.
- (2) To develop entrepreneurship among students.
- (3) To promote green farming culture.

The context: To bridge the gap between theory and practical it is needed to introduce lab to land culture in our college. Students involved in green farming, which helps to develop entrepreneurship.

The Practice:

Three identified students groups are involved in A.Y. 2020-21 for following study.

- 1) Hydrphonics.
- 2) Fermented Organic acid of fruit waste.
- 3) Production of vermicomposting.

Allowed students to apply their own skills to develop the strategy with low cost. For their setup students are intended to reuse the waste material.

Evidence of Success: Students successfully grew the plants by hydroponics system. The fermented organic acid from fruit waste recycled the waste and worked as plant growth enhancer with pest control. These students in future can implement this organic farming in their own field.

Problems encountered and Resources Required:

Cost for hydroponics unit overcome by using waste pipes. Large fruit waste requirement fulfilled from local fruit vendors and collected the waste material. Earthworms were obtained from the local farmers.

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Best Practice –II

Title of Practice: Online teaching learning process.

Objectives of the Practice:

- (1) To provide uninterrupted teaching learning process in COVID-19 pandemic.
- (2) To make teaching learning and evaluation more effective.

The context: As COVID-19 pandemic online education is only option to continue the education. Effective online teaching process by should be there by considering rural students to justify them in present situation.

The Practice:

Availability of internet facility, smart phone availability, students capabilities to use cell phone etc. were considered. Multiple online platforms were used for ease of students.

Teaching Learning Process: Zoom app, Google meet and Teachmint app.

Evaluation Process: Google classroom and Google forms.

Two-way communication process in teaching app used.

Evidence of Success: In students satisfaction survey more than 85% students are satisfied with use of ICT tools by the teachers during COVID-19 pandemic. As a result 100% pass percent of all classes. Education is continued without interruption due to COVID-19 pandemic situation.

Problems encountered and Resources Required: The major problem is interrupted network and network speed at rural region. Feasibility of students was considered and if needed changes in lecture time was done.

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