Biofertilizer production
http://openbiofertilizer.org/

Author
Mrs. Sneha Ogale

Mentor
Dr. Viviane Vladimirschi

Hub coordinator
Dr. Jenni Hayman

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**Introduction**

**Motivation:**
Need of the hour: knowledge & skill development
Change in profile of learner
Inclusiveness

**Goals:**
What are biofertilizers; and their significance;
How to prepare and test the biofertilizer
Be able to analyze factors affecting crop productivity

**Target audience:**
Students who have completed their high school studies (grade XII) with Biology, undergraduates, teachers, farmers with laboratory access

**UN’s SDGs targeted:**

- **Goal 2:** End hunger, achieve food security and improved nutrition and promote sustainable agriculture
- **Goal 3:** Ensure healthy lives and promote well-being for all at all ages
- **Goal 4:** Ensure inclusive and quality education for all and promote lifelong learning
The course is of 1 credit i.e. of 8 hours consists of 4 modules

**Course content:**
- Each module consists of lessons (Text matter, **ppt** and **video**), **project component** and **Inquiry Based Learning (IBL)**

**Assessment:**
- Self assessment: **quizzes**
- Formal assessment: **MCQ tests**, project report and assignments based on IBL.
Planning and Design issues:

- Time
- IBL
- Assessment
- Video creation
- Single unit versus 4 modules
- Project
Implementation:

- Selection of Host website/s: course, self assessment and formal assessment
- Navigating the website and posting materials
- Revision of contents
Deployment:

Undergraduate students

Registration via email

WhatsApp group for coordination

WordPress website for course content & self assessment

Edmodo platform for formal assessment
Deployment:

- Concept Time
- Video creation and editing
- Use of host website
- Support by mentor and hub coordinator
- Preparation of content throughout the year
Plans and suggestions for the future:

- Evolution of the content as per feedback from different stakeholders
- Advertising the course
- Offer course to different batches of students
- Prepare further OERs
Feedback/support required in order to further develop/improve your OE4BW project.

Suggestions regarding content
Feedback regarding making it more attractive to the learner
Thank you