Self-Learning Materials Development

SEAMOLEC ASSISTANCE PROGRAMME
General Explanation

The main characteristic of distance learning is the separation and distance between students and teachers, so that the learning process encourages students to become more independent.

Therefore, the learning materials for open and distance education should be developed in particular to enable students to learn independently (self-learning). For this reason, the learning modules are needed as the main learning resource in conducting independent learning activities.

One of the benefits of learning using modules is to increase the effectiveness of learning without regularly having face-to-face session due to limited infrastructure, geographical conditions, socio-economic conditions, and community situations.

Objectives

The objectives of this program are:

1. To identify the need in developing teaching materials to support the distance learning process.
2. To develop independent teaching materials that in line with program needs, characteristics of the learning subjects, as well as the student’s conditions.
Benefits

1. For students
   The learning module can be applied as a learning resource for students, also to facilitate them during learning remotely either through guidance or self-learning.

2. For educators
   The learning module is expected to assist educators in implementing distance learning as well as to enrich teaching materials to support the achievement of the expected learning objectives.

3. For education institutions
   The learning module is expected to be used as an additional reference for teaching materials in the learning process.
The program stages can be described as follows:

1. Analysis
   - The readiness of school partners includes the facilities / infrastructure and equipment used

2. Face to Face Training
   - It will be held for 3 days at partner institutions for the introduction of IoT

3. Implementation and Trial
   - The material that has been received in the training can be developed according to school needs

4. Online Mentoring
   - Conducted for 3 weeks via video conference once a week. When participants develop products.

5. Evaluation
   - Participants make a presentation on the finished product