

Pendampingan Pengembangan Modul Praktik Mikrokontroler di SMK N 1 Blora

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ABSTRACT

Service the Community Program Assistance of Developing Arduino Microcontroller Module aims to provide to vocational teachers of applied science and technology, particularly in the development of media practices Arduino microcontroller system, hardware and software. Trainees are productive teachers and students in SMK N 1 Blora, Central Java Province.

This training begins with the registration of participants, delivery of materials, assembly of modules, and testing the module.

Training material begins with an introduction to Arduino microcontroller system, then the introduction of the components in the Arduino microcontroller module and examples of applications based on programming Arduino microcontroller. Delivering material is done through lectures, discussions and applications demo. At the end of training, concludes by providing independent tasks for each participant to assemble and program the input and output applications Arduino-based microcontroller.

. The numbers of participants of this training are 15 teachers and several students, all of them have attended the training from beginning to the end. In addition, all trainees can complete the task independently in accordance with the time provided.

Kata Kunci: *microcontroller, arduino*