

Development Training Device Resonator for SMA/ SMP Physic Teacher in Yogyakarta

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ABSTRACT

The main purpose of this activity is to create experimental device resonator which includes the resonance Kund's tube, short neck bottles and Helmholtz's tube which can be measured the speed of sound.

Place the implementation of the activities carried out in the workshop of physics. Site selection was based on activity over used availability of device for the development of training device resonator. Which is expected to help increase the ability of teachers in Promoting experimental device.

The results indicate that the public service activities have created device resonator tool that can be used for practical experiment and also obtained a positive response to the result of making these device of physics teachers and prospective teachers of physics

Kata Kunci: *Resonator, Helmholtz tubes*