

# **Mechanical Inspection Training for Teaching Staff Wiworotomo College of Engineering, Purwokerto**

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## **ABSTRACT**

The target partners for this activity are the teaching staff of the Wiworotomo College of Engineering, Purwokerto. However, in practice, this activity is open to teaching staff from other universities and from vocational schools in Banyumas Regency. The objectives of this activity are: (1) formulating and then transferring appropriate measurement technique (mechanical inspection) material to be applied according to partner needs; (2) knowing the enthusiasm of partners in participating in this activity program; (3) increasing partners' knowledge and abilities regarding measurement techniques (mechanical inspection).

The methods used to carry out this activity are lectures, discussions, simulations/demonstrations and direct practice. With this method, it is hoped that the material presented will be easier for partners to understand, then assistance will be provided in implementing the material that has been presented.

The results that have been achieved are: measurement technique material (mechanical inspection) which was transferred to participants consisting of: linear measurements, thread measurements, and gear measurements; (2) all (100%) participants were very enthusiastic in participating in this activity program, this can be seen from the presence of participants, namely all participants took part in the entire series of activities; (3) the knowledge and abilities of all (100%) participants regarding measurement techniques (mechanical inspection) have increased. This can be seen from the results of the tests that have been carried out, that the average score obtained was 84.12 where all (100%) got a score above 75.

Kata Kunci: *training, mechanical inspection, STT Wiworotomo*