

# TUTORIALS OF EXPERIMENTAL RESEARCH IN LEARNING FOR VOCATIONAL SCHOOL TEACHERS

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## ABSTRACT

This activity aims: 1) Providing understanding and skills to vocational teachers about the urgency, design, characteristics and stages of quasi experiment, so that the ability of teachers increases. 2) Provide vocational teacher understanding and skills about the urgency, characteristics and various stages of vocational education research and applied technology research so that the ability of teachers increases. 3) Providing understanding to vocational teachers in writing scientific publications in the field of vocational education, so that the ability and skills of teachers in writing articles in Technology and Vocational Education Journals (JPTK) are increased. 4) Provide encouragement and motivation to vocational teachers the importance of improving functional levels of teacher positions in a sustainable manner. The methods used in this training are face-to-face tutorial, online tutorials, and self-learning. The participants of this activity consisted of 30 teachers in which 26 teachers from Public Vocational Schools, 4 teachers from Private Vocational Schools. The activity was carried out in 3 meetings, namely on 19 Juli 2019, 26 Juli 2019, 02 Agustus 2019 and 06 September 2019 at 13.00 s.d. 16:30 WIB. The activity took place in the KPLT FT UNY courtroom. The results of this activity are: 1) Training scientific papers for vocational teachers can be quite successful in providing understanding and skills to vocational teachers about the urgency, characteristics and stages of quasi experiment, 2) This activity can provide understanding and skills to vocational teachers about the urgency, characteristics and various stages of vocational education research and applied technology research. 3) This activity can provide an understanding for vocational teachers in writing scientific publications in the field of vocational education, 4) This activity can increase motivation for vocational teachers to improve the functional levels of teacher positions on an ongoing basis through writing scientific papers.

Kata Kunci: *training, experiment, teacher, research*