

The Need for Teacher Competency Improvement in the Expertise Competency of Office Automation and Governance (OTKP) in the Era of the Industrial Revolution 4.0

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ABSTRACT

Teacher competency improvement is the mandate of the Law to be carried out by every teacher which includes pedagogical competence, personal competence, social competence, and professional competence. This study aims to uncover the need for teacher competency improvement in OTKP Expertise Competency in the 4.0 industrial revolution era.

This research uses survey design. Data collection is done through open and closed questionnaires. The research subjects were 61 teachers of OTKP Competency at Vocational Schools in Yogyakarta (DIY). Data analysis was performed using an interactive model. Presentation of data through tables and pie charts for easy reading.

The results showed that 1) the need for teacher competency improvement consisted of the need for improvement in pedagogical competence, personality competence, social competence, and professional competence. 2) The need for teacher competency improvement in pedagogical competencies, namely: a) learning innovation, b) selection of adequate learning resources, c) mastery of learning information technology, d) student development, e) class management/management, f) curriculum implementation in learning, g) learning strategies, h) evaluation of learning, i) online/online learning, j) mastery of learning materials and interesting learning principles, and k) preparation of teaching materials. 3) Teacher needs to improve personality competence, namely: a) emotional control when teaching, b) teacher professional ethics, c) grooming, d) discipline, e) Achievement Motivation Training (AMT), f) assertiveness/openness, and g) exemplary. 4) The teacher's need to improve social competence, namely: a) communicating on social media, b) cooperating with other people/teams, c) cooperating and establishing communication with the Business World/Industrial World (DUDI), d) adapting to the environment, e) communicating with parents/guardians of students, f) communicating with the surrounding community, and g) communicating that is fun in competition. 5) The need for teachers to improve professional competence, namely: a) the use of technology, b) the use of various learning applications, c) mastery of foreign languages, d) education and training of master of ceremonies (MC) and protocols, e) digital archival training, f) character training, g) increasing professionalism in productive subjects, h) empowering MGMP, i) writing scientific papers, j) e-learning, and k) adaptation to global challenges. 6) Teacher constraints to improve competence, namely on internal factors (teachers, students, and schools) and external.

Kata Kunci: *competency improvement, OTKP teachers*