

**ABSTRACT**

**ROSMAIDAR.** *Improving Teacher's Ability to Perform Quantum Teaching through Academic Supervision Job Instruction Training Technique for Teachers in SMAN 1 Simpang Kanan, Rokan Hilir, Riau. Post Graduate Program, Medan State University (Unimed).*

*This research is aimed at knowing teacher's ability in SMAN 1 Simpang Kanan Rokan Hilir, Riau to perform quantum teaching through academic supervision job instruction training technic (JIT). The research hypothesis is academic supervision with JIT technique can increase the teacher's ability to perform quantum teaching in SMAN 1 Simpang Kanan. This study used school-action research method through two cycles. The subject of this research consists of 6 science teachers from SMAN 1 Simpang Kanan in 2013/2014 academic year. The main data were collected from the teacher's ability to perform quantum teaching. Another supported data were the result of training reflection and lesson plan analysis of quantum teaching model. Techniques of the data collection were through questionnaire, interview, observation, documentation study, and information record. The activities done during the research were quantum teaching training, lesson plan analysis, class observation and reflection. The data were analyzed in qualitative descriptive way. The research was considered successful if all the teachers got value above 70 % or very good (A) and good (B) categories. The research outcomes show that there were improvement teachers' ability to perform quantum teaching with increase 46,52 % than pre-cycle or 27,40 % than the first cycle. Thus, the research applying the academic supervision with job instruction training technique can be applied to improve teacher's ability to perform quantum teaching for SMAN 1 Simpang Kanan's teachers especially the science teacher.*

## ABSTRAK

**ROSMaidAR.** Meningkatkan Kemampuan Guru Melaksanakan Pembelajaran Kuantum Melalui Supervisi Akademik Teknik *Job Instruction Training* Bagi Guru-Guru SMAN 1 Simpang Kanan, Rokan Hilir, Riau. Program Pascasarjana Universitas Negeri Medan (Unimed).

Penelitian ini bertujuan untuk mengetahui kemampuan guru SMAN 1 Simpang Kanan, Rokan Hilir, Riau dalam melaksanakan pembelajaran kuantum melalui supervise akademik teknik *job instruction training* (JIT). Hipotesis penelitian adalah melalui supervise akademik teknik *JIT* dapat meningkatkan kemampuan guru melaksanakan pembelajaran kuantum di SMAN 1 Simpang Kanan. Jenis penelitian ini adalah penelitian tindakan sekolah (PTS) melalui dua siklus. Subjek dalam penelitian berjumlah enam orang yakni guru MIPA SMAN 1 Simpang Kanan tahun ajaran 2013/2014. Data utama yang dikumpulkan adalah kemampuan guru melaksanakan pembelajaran kuantum. Data penunjang lainnya adalah hasil refleksi pelatihan dan telaah RPP pembelajaran kuantum. Teknik pengumpulan data melalui angket, wawancara, observasi, studi dokumentasi, dan rekaman informasi. Kegiatan yang dilakukan adalah berupa pelatihan pembelajaran kuantum, telaah RPP, observasi kelas, dan refleksi. Data dianalisis dengan cara kualitatif deskriptif. Kriteria keberhasilan penelitian ini adalah jika semua guru mendapatkan nilai di atas 70 % atau kategori nilai amat baik (A) dan baik (B). Hasil penelitian menunjukkan bahwa terdapat peningkatan kemampuan guru melaksanakan pembelajaran kuantum sebesar 46,52 % dibanding prasiklus atau sebesar 27,40 % dibanding siklus pertama. Dengan demikian penelitian dengan menerapkan supervise akademik teknik *job instruction training* dapat dilaksanakan untuk meningkatkan kemampuan guru melaksanakan pembelajaran kuantum bagi guru-guru SMAN 1 Simpang Kanan khususnya guru MIPA.

