

**ABSTRAK**

**Metaria Apriyanti, “Pengaruh Perbedaan Gender Terhadap Pemahaman Siswa Kelas IX SMP Negeri I Sragen Pada Pokok Bahasan Rangkaian Listrik Sederhana Menggunakan Metode Inkuiri”.**

**Program Studi Pendidikan Fisika, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma, Yogyakarta (2008).**

Penelitian ini bertujuan untuk mengetahui: (1) tingkat pemahaman siswa laki-laki tentang rangkaian listrik sederhana sebelum mengikuti pembelajaran menggunakan metode inkuiri; (2) tingkat pemahaman siswa perempuan tentang rangkaian listrik sederhana sebelum mengikuti pembelajaran menggunakan metode inkuiri; (3) tingkat pemahaman siswa laki-laki tentang rangkaian listrik sederhana setelah mengikuti pembelajaran menggunakan metode inkuiri; (4) tingkat pemahaman siswa perempuan tentang rangkaian listrik sederhana setelah mengikuti pembelajaran menggunakan metode inkuiri; dan (5) apakah perbedaan gender mempengaruhi tingkat pemahaman siswa pada pokok bahasan rangkaian listrik sederhana dengan menggunakan metode inkuiri.

Penelitian dilaksanakan di SMP Negeri I Sragen. Subyek penelitian siswa-siswi kelas IXA yang berjumlah 44 siswa. Penelitian ini dilaksanakan selama bulan Oktober – November 2007.

Instrumen yang digunakan dalam penelitian ini adalah tes tertulis yang terdiri dari pretest dan posttest, dan wawancara. Siswa yang diwawancarai diambil berdasarkan perolehan nilai pretest dan posttest, yaitu siswa yang mengalami perubahan nilai baik peningkatan maupun penurunan. Wawancara dilakukan untuk mengetahui apakah metode inkuiri membantu meningkatkan pemahaman siswa dalam rangkaian listrik sederhana.

Hasil penelitian menunjukkan bahwa perbedaan gender mempengaruhi tingkat pemahaman siswa dan penggunaan metode inkuiri membantu meningkatkan pemahaman siswa mengenai rangkaian listrik sederhana.

**ABSTRACT**

**Metaria Apriyanti, The Influence of Gender Differences Toward the Understanding of the Third Class Students in SMP Negeri I Sragen in Studying Simple Electricity Circuit by Using Inquiry Method**

**Physics Education, Mathematics and Natural Sciences Department, Teacher Training and Education Faculty, Sanata Dharma University, Yogyakarta (2008).**

The goals of the research were to know : (1) the level of understanding of male student about simple electricity circuit before they were given inquiry method for studying; (2) the level of understanding of female students about simple electricity circuit before they were given inquiry method for studying; (3) the level of understanding of male students about simple electricity circuit after they were given inquiry method for studying; (4) the level of understanding of female students about simple electricity circuit after they were given inquiry method for studying; and (5) whether the gender difference influenced the level of understanding of students in study of simple electricity circuit by using inquiry method.

The research had been held in SMP Negeri I Sragen. The subjects of the research were students of IX<sup>th</sup> grade that consisted of 44 students. The research had been held during Oktober till November in 2007.

The instruments which were used in this research were written test that contained of pretest and posttest, and interview. The students, who were interviewed were taken based on the score of pretest and posttest: who got high increasing score or decreasing score. The interview explored whether inquiry method was able to help students to better understand simple electricity circuit.

The research showed that gender difference influenced the students understanding and the inquiry method improved students understanding simple electricity circuit.