

**PENGARUH MODEL PEMBELAJARAN KOOPERATIF TIPE  
SNOWBALL THROWING TERHADAP HASIL BELAJAR PADA MATA  
PELAJARAN SASIS SISWA KELAS XI TKRO 1 SMK NEGERI BALI  
MANDARA**

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**ABSTRAK**

Dalam penelitian ini dilakukan untuk mengetahui bagai mana Pengaruh Model Pembelajaran *Snowball Throwing* Terhadap Hasil Belajar Mata Pelajaran Sasis di SMK Negeri Bali Mandara Tahun Ajaran 2020/2021. Metode penelitian yang digunakan dalam penelitian ini yaitu dengan desain *One Shot Case Study*. Pemilihan sampel pada penelitian ini menggunakan teknik random sampling. Sampel pada penelitian ini sebanyak 30 orang kelas XI TKRO 1 sebagai kelas eksperimen. Setelah pemberian perlakuan penerapan model pembelajaran kooperatif tipe *snowball throwing*, siswa diberikan tes berupa tes objektif yang sebelumnya sudah dilakukan uji validitas isi, validitas butir, tingkat kesukaran, daya beda dan reabilitas. Setelah didapatkan data, kemudian dilakukan analisis menggunakan uji-t satu pihak. Hasil penelitian menunjukkan bahwa terdapat pengaruh model pembelajaran *Snowball Throwing* terhadap hasil belajar materi sistem transmisi siswa kelas XI TKRO 1 di SMK Negeri Bali Mandara. Hal ini ditunjukkan dengan hasil uji-t dengan  $t\text{-hitung} = 2,662$   $dk = n - 1 = 29$ , dan taraf signifikan 5% didapat  $t\text{-tabel} = 2,045$  Dengan demikian  $t\text{-tabel} < t\text{-hitung}$ , maka  $H_0$  di tolak dan  $H_1$  diterima dan berarti terdapat pengaruh model pembelajaran *snowball throwing* terhadap hasil belajar Materi sistem transmisi siswa kelas XI TKRO 1 SMK Negeri Bali Mandara Tahun Ajaran 2020/2021.

Kata kunci : Model Pembelajaran *Snowball Throwing*, Hasil Belajar, *One Shot Case Study*.

**THE INFLUENCE OF COOPERATIVE LEARNING TYPE SNOWBALL  
THROWING TOWARD LEARNING OUTCAMS OF THE STUDENT IN  
LEARNING THE MATERIAL OF CHASIS MAINTENANCE AT THE  
ELEVENTH GRADE SMK NEGERI BALI MANDARA**

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**Abstract**

*This study was conducted to find out how the Effect of the Snowball Throwing Learning Model on the Learning Outcomes of Chassis Subjects at the Bali Mandara State Vocational School for the 2020/2021 Academic Year. The research method used in this study is the One Shot Case Study design. The sample selection in this study used a random sampling technique. The sample in this study was 30 people in class XI TKRO 1 as the experimental class. After giving the treatment with the application of the snowball throwing type of cooperative learning model, students were given a test in the form of an objective test that had previously been tested for content validity, item validity, level of difficulty, distinguishing power and reliability. After obtaining the data, then an analysis was carried out using a one-party t-test. The results showed that there was an effect of the Snowball Throwing learning model on the learning outcomes of the class XI TKRO 1 students' transmission system material at SMK Negeri Bali Mandara. This is indicated by the results of the t-test with  $t\text{-count} = 2,662$   $dk = n - 1 = 29$ , and a significant level of 5% is obtained  $t\text{-table} = 2,045$ . Thus  $t\text{-table} < t\text{-count}$ , then  $H_0$  rejected and  $H_1$  was accepted and it means that there is an effect of the snowball throwing learning model on learning outcomes. Materials on the transmission system of students in class XI TKRO 1 SMK Negeri Bali Mandara for the 2020/2021 academic year.*

*Keywords : Frame, An analysis of static stress, ASTM A106, Solidworks 2018, Von Misses Stress, Factor of Safety.*