

Title of Thesis : The Effect of Cooperative Learning Model STAD
(Students Teams Achievement Division) Type Assisted By
Card Test of Student Learning Outcomes At Subject
Matter Measurement Class X SMAN 5 Medan Academic
Year 2018/2019

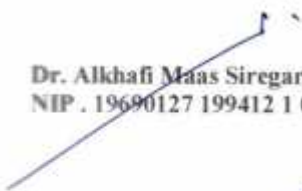
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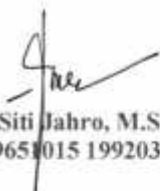
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BIOGRAPHY

Ruth Hesti Mangunsong was born in Tanah Baru on October 04th 1996. Father's name is Elias Hebron P Simangunsong and Mother's name is Suriati Br Gultom, and she is the one of five siblings. In 2002, the author entered SD Swasta Advent Tanah Baru and graduated in 2008. In 2008, the author continued his education in SMPN 1 Lawe Sigala-gala and graduated in 2011. In 2011, the author continued his education to SMAN 1 Lawe Sigala-gala and graduated 2014. In 2014, the author was accepted in Physical Education Study Program in Department of Physics, Faculty of Mathematics and Natural Science in State University of Medan.