ABSTRACTION
Based on interview result with biology teacher class VIII in a SMPN 03 Batu, problem that is faced by student in learning activity a generally is mastering the concept. Learning biology is started by noticing the material that is going to be taught in a board, then teacher explains by using ceramah method. Processes of teaching and learning biology in SMPN 03 Batu actually is enough good, but in learning in group the are only some students are passive in doing group exercise. So that only some of them who do the exercise, to solve is that problem is heeded teaching and learning method includes all of students in group discussion activity. The learning application in research is cooperative learning method using TGT (Teams Games Tournament). This research is purposed to increase the activity and result of study of students class VIII SMPN 03 Batu. Kind of this research is PTK (classroom action research) that consists of 2 sicluses. This research is done in SMPN 03 Batu on 24 of October 2009-28 of November 2009. The sample of this research is students in class VIII-A SMPN 03 Batu who consist of 33 students. Method of collecting data uses observation sheet’s cooperative teaching and learning activity and test of study result in the end of every sicluses. The result of this result show, in the first sicluses students who finish individually are students with classical result 63.6% (in finish yet) with average result 71%. In the second sicluse who finish individually show increasing 26 students with classical result 78.8% (finish) with average result 75.5. Student activity also increase from 71.8% to 78.8%. Based on the result of research it can be summarized that the application of cooperative learning using TGT (Teams Games Tournament) can increase the activity and the result of study biology for students class VIII SMPN 03 Batu.