

**THE RELATIONSHIP BETWEEN EMOTIONAL INTELLIGENCE
AND BIOLOGY LEARNING ACHIEVEMENT STUDENT'S
IN CLASS XI IA AT SMA NEGERI 2 KISARAN
ACADEMIC YEAR 2011/2012**

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ABSTRACTS

These research have the aims to know the relationship between emotional intelligence and biology learning achievement student's in class XI IA at SMA Negeri 2 Kisaran academic year 2011/2012.

The population of this research is all students in class XI IA at SMA Negeri 2 Kisaran with amount is 135 student. This case, the sample taken with used total sampling is 135 student, from the entire of the population. The research method used is descriptive correlation, using the questionnaire it means as the collecting data in research.

Based on the data analysis result of the prerequisite test known that is well the data of emotional intelligence and biology learning achievement that are distributed normally and homogeneous. For technical data analysis known form of the regression equation is $Y = -14.28 + 22.67x$ that the regression is linear. It can be seen of $F_{\text{arithmetic}} < F_{\text{table}}$ ($-2.85 < 1.56$), which is confidence level of $\alpha = 0.05$, and significance test of regression Y on X that the value of $F_{\text{arithmetic}} > F_{\text{table}}$ ($51.19 > 4.73$). It can be concluded that the regression equation of $Y = -14.28 + 22.67x$ does means the confidence level of $\alpha = 0.05$, so the hypothesis is accepted. From the calculated of correlation coefficient obtained $r = 0.53$ and Index of determination (I) = 28 % means that there is a positive and significant correlation between emotional intelligence and student achievement, where the emotional intelligence factors the contribution is 28 % to increase student achievement. The hypothesis test which is obtained $t_{\text{arithmetic}} > t_{\text{table}}$ ($7.21 > 1.96$), so that the hypothesis testing of H_0 is rejected while of H_a is accepted.

Based on the explanation above, it can be concluded that there is relationship between emotional intelligence and biology learning achievement student's in class XI IA at SMA Negeri 2 Kisaran academic year 2011/2012.

Keywords: Emotional Intelligence (EI), Biology Learning Achievement of Student's (BLAS), Questionnaire of Emotional Intelligence.