

The Effect of E-Learning Systems and Learning Motivation on Student Learning Outcomes During the Covid-19 Pandemic.

- **Author(s):** Kariena Andiniyar ,Alvia Ramlan ,Risti Melina ,Hafidh Rudimansyah ,Aldo Putra ,Rd. Herman Sofyandi
- **Abstract:** This research aims to find out the effect of e-learning systems and learning motivation on learning outcomes. This research was conducted on active students of Widyatama University from 2017 to 2019 during the Covid-19 pandemic. The study used a quantitative approach with questionnaires as its data collection technique. Two hundred fifty-two (252) students used the sample in this research. The test results used multiple regression analysis with equation $Y = 0.625 + 0.240X_1 + 0.213X_2$. The t-test t count value obtained by the e-learning system variable (X_{1}) for the hypothesis is 5,677 > t table 1.969. There is a significant effect between e-learning systems (X_{1}) on learning outcomes (Y). Then, the t count value obtained by the learning motivation variable (X_{2}) amounted to 7,856 > t table 1.969. That is a significant effect between learning motivation (X_{2}) on learning outcomes (Y). Furthermore, there is a significant simultaneous effect between e-learning systems (X_{1}) and learning motivation (X_{2}) on learning outcomes (Y) with F count scores of 121,304 > F table of 3,032. E-learning systems (X_{1}) and learning motivation (X_{2}) simultaneously have a strong relationship to learning outcomes. The effect of e-learning systems (X_{1}) on learning outcomes (Y) by 36.84% and learning motivation (X_{2}) o
- **Keywords:** e-learning, quantitative approach, significant effect