

## ABSTRAC

*The development of technology today is the basis for developing national and state life. Information technology system used as a tool to support the various activities of one of them in education. The innovations of information technology systems continue to be made to facilitate the users who have an interest in a business process. The use of information technology systems have an impact on individual performance. Information systems Igracias students Telkom University need to see the suitability between tasks, the technology used and the ability of the individual's own (task technology fit) in order to improve its performance.*

*The purpose of this study was to measure the factors supporting task technology fit that is task characteristic, technology characteristic, and the individual characteristics that affect task technology fit, and task technology fit and task technology fit an impact on the individual performance.*

*Research carried out by spreading the questionnaire. The sample used in this study were 100 students who Telkom University, as well as the sampling technique used is non probability sampling with purposive sampling method. Techniques of data analysis, using SEM - PLS (Partial Least Square) were processed using software SmartPLS 3.*

*The findings of this study stated that the technology characteristic, and the individual characteristics significantly influence to task technology fit. But the task characteristic does not significantly influence to task technology fit. Task technology fit has a significant impact on the individual performance.*

*The results of this study significantly influence the value of the highest is the task technology fit on the individual performance. When increasing the fit between recruitment tasks, the ability of individuals, as well as the function of the technology, the better and optimal performance will be generated by users, especially students who used sistem information Igracias Telkom University.*

**Keywords:** *Task Technology Fit, Task Characteristic, Technology characteristic, Individual Characteristics, Individual Performance, Igracias Telkom University, PLS (Partial Least Square)*