

**SISTEM PENDUKUNG KEPUTUSAN PENDISTRIBUSIAN BAHAN
PRAKTIKUM PADA LABORATORIUM JURUSAN TEKNOLOGI
INFORMASI**

(Decision Support System For Practicum Material Distribution In Information
Technology Department Laboratory)

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ABSTRACT

Practicum material in the form stationery things is one of the supporting facilities for lectures and practical work in the information technology department. Practicum materials are proposed by each course coordinator based on the needs for the next semester. The procurement team recaps and proposes to the ATK Warehouse for further verification and approval. Currently, the practicum materials obtained from the ATK warehouse are distributed evenly to six laboratories in the information technology department. Obstacles that occur in the form of practicum materials that accumulate in one laboratory while the other laboratories are lacking, for this reason an information system is built to support decisions on the distribution of practicum materials using the TOPSIS method. This system will provide priority rankings for obtaining ATK practicum materials based on the remaining stock of materials, the number of requests, the number of courses and the number of groups in each laboratory. From the trials on the 70gr HVS F4 material, it was found that the Computer Network Architecture laboratory as the laboratory had the highest preference of 0.80 to get the distribution of the material followed by the Computer Control System laboratory of 0.64.

Key Words: *Decision Support System, TOPSIS, Practicum material*