

ABSTRAK

EVALUASI KINERJA DAN KEBUTUHAN RUANG PARKIR PADA KAMPUS UTAMA POLITEKNIK NEGERI SRIWIJAYA

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Politeknik Negeri Sriwijaya merupakan salah satu perguruan tinggi di Kota Palembang dengan tingkat penggunaan kendaraan pribadi yang cukup tinggi. Peningkatan jumlah kendaraan serta berkurangnya lahan parkir akibat pembangunan beberapa gedung baru menyebabkan kondisi parkir di lingkungan kampus menjadi semakin padat dan kurang tertata. Hal ini menimbulkan berbagai permasalahan seperti keterbatasan ruang parkir dan terganggunya sirkulasi kendaraan. Penelitian ini bertujuan untuk mengevaluasi kinerja parkir serta menganalisis kebutuhan ruang parkir di Kampus Utama Politeknik Negeri Sriwijaya. Metode yang digunakan adalah metode kuantitatif dengan analisis deskriptif berdasarkan data survei lapangan. Pengamatan dilakukan dengan mencatat jumlah kendaraan masuk dan keluar area parkir serta durasi parkir kendaraan. Data tersebut kemudian dianalisis untuk mengetahui karakteristik parkir seperti volume parkir, akumulasi parkir, durasi parkir, dan indeks parkir. Hasil penelitian diharapkan dapat memberikan gambaran mengenai kondisi kinerja parkir serta mengetahui kecukupan kapasitas lahan parkir yang tersedia di kampus. Selain itu, penelitian ini juga diharapkan dapat menjadi dasar dalam perencanaan dan penataan ruang parkir yang lebih efektif di lingkungan kampus.

Kata kunci: parkir, kinerja parkir, kebutuhan ruang parkir.

ABSTRACT

EVALUATION OF PERFORMANCE AND PARKING SPACE NEEDS AT THE MAIN CAMPUS OF THE SRIWIJAYA STATE POLYTECHNIC

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Sriwijaya State Polytechnic is one of the higher education institutions in Palembang with a high level of private vehicle usage. The increasing number of vehicles and the reduction of parking areas due to the construction of several new buildings have caused parking conditions on campus to become more crowded and less organized. This situation creates several problems such as limited parking space and disrupted vehicle circulation. This study aims to evaluate parking performance and analyze parking space requirements at the Main Campus of Sriwijaya State Polytechnic. The research method used is a quantitative method with descriptive analysis based on field survey data. Observations were conducted by recording the number of vehicles entering and leaving the parking area as well as the parking duration of vehicles. The data were then analyzed to determine parking characteristics such as parking volume, parking accumulation, parking duration, and parking index. The results of this study are expected to provide an overview of parking performance conditions and determine whether the available parking capacity is sufficient to meet the needs on campus. In addition, this research is expected to serve as a basis for more effective parking space planning and management within the campus environment.

Keywords: parking, parking performance, parking space requirements.