

## **ABSTRACT**

Parking is an inseparable component or aspect of transportation needs because transportation continues to develop in Indonesia over time. Observations show that available off-street parking spaces often cannot accommodate the number of vehicles, so they exceed the proper capacity. Garut District Hospital requires a large parking area to meet the needs of visitors. The demand for parking spaces at the Garut Regency Regional Hospital can one day become problematic when the existing demand is greater than the capacity of the available parking spaces. This is because many vehicles have unknown drivers or drivers, and also because the Garut District Hospital itself does not have adequate facilities for parking vehicles for hospital visitors.

The research method used is a quantitative method (direct survey method). To obtain data as material for conducting data analysis required in this research is primary data obtained through parking space area, parking volume, parking duration. And also secondary data was obtained by requesting a map of the Garut Regional Hospital's parking location.

Based on the results of research conducted, the maximum parking accumulation was 79 cars and 222 motorbikes, the parking volume was 178 cars and 450 motorbikes and the parking index was 213% for cars and 114% for motorbikes, when compared with the available SRP, the parking request could not be served by the space. parking available. The static capacity of off street parking at the Garut General Hospital, Garut Regency for cars is 33 SRP and for motorbikes is 194 SRP, while the results of the calculation of parking space requirements are 79 SRP for cars and 222 SRP for motorbikes, so additional parking space is needed to be able to serve home visitor parking. Garut General Hospital.

## KATA PENGANTAR

Puji syukur penulis panjatkan kehadirat Allah SWT, karena berkat dan Rahmat dan hidayahnya, maka skripsi ini dapat diselesaikan dengan baik, salawat serta salam semoga tercurah limpahkan pada baginda Rasulullah Muhammad SAW.

Skripsi yang berjudul “*Analisis Kapasitas Ruang Parkir Off Street Di Rumah Sakit Umum Garut*” penulis susun untuk memenuhi persyaratan memperoleh gelar Sarjana Teknik Pada Program Teknik Sipil Fakultas Teknik Universitas Galuh.

Penulis mengucapkan terima kasih yang sebesar besarnya atas bantuan yang telah diberikan, baik secara langsung maupun tidak langsung selama penyusunan skripsi ini hingga selesai. Terima kasih penulis sampaikan kepada:

1. Bapak Prof. Dr. Dadi, M.Si. selaku Rektor Universitas Galuh
2. Bapak Heris Syamsuri S.T., M.T. selaku Dekan Fakultas Teknik Universitas Galuh.
3. Bapak Ir. Uu Saepudin, S.T., M.T. selaku Ketua Prodi Teknik Sipil Fakultas Teknik Universitas Galuh sekaligus Dosen Pembimbing utama.
4. Bapak Ir. Taufik Martha S.Pd., M.T selaku Dosen Pembimbing pendamping.
5. Seluruh dosen dan staf Tata Usaha Fakultas Teknik, Universitas Galuh.
6. Seluruh keluarga penulis, yang telah membesarkan dan mendidik, serta memberikan dukungan dan doa kepada penulis.
7. Rekan rekan di jurusan teknik sipil, universitas galuh ciamis yang telah banyak membantu penulis.

Penulis menyadari bahwa skripsi ini jauh dari sempurna, baik segi materi maupun penyajian. Untuk itu kritik dan saran yang membangun sangat diharapkan dalam penyempurnaan skripsi ini. Penulis berharap, semoga skripsi ini bermanfaat dan menambah wawasan bagi penulis khususnya dan pembaca pada umumnya.

Ciamis, 2024

Penulis