

## **ABSTRACT**

*On street parking is the solution to park the vehicle if the provided parking space doesn't enough, however it cause the large of the road diminished. The problem is the retribution doesn't reach the target while on street parking is being used. Therefor, KMS application is required to solve the problem and give a business value for Bandung City Parking Unit.*

*This research design the knowledge management system by using waterfall method. The waterfall method was suitable to design the KMS because it make developer easier to prepare and plan the requirements. The analysis discussed about existing business process, proposed business process, use case system, activity diagram, and application system which should be match up with the system.*

*The expected result is to produce a KMS application that can store information and create a pattern that will become a knowledge-based KM Cycle. KMS is also expected to provide the means to convert the data to information and information to knowledge in accordance with the 5C and 4C Knowledge Conversion. Additonally, the KMS will generate business value for Bandung City Parking Unit to manage parking fees and help Bandung City Parking Unit to manage the most valuable asset for an organization, that is knowledge.*

*Keywords :On street parking, retribution, parking condition, knowledge, knowledge management system.*