

**USULAN PENGGUNAAN TEKNOLOGI RFID
(RADIO FREQUENCY IDENTIFICATION) PADA PERPUSTAKAAN
(Studi Kasus pada Ruang Baca Teknik Industri – Universitas Diponegoro)**

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ABSTRACT

Information of technology in a relation with library service provider will be developed for many times, included in system automation for library as literature provider in basic information of technology. The application information of technology in a library is a transformation's process from the traditional library to digital library. The problem which was often occurred in a whole of big library is record the borrowed book. Usually the traditional library recorded this manually. It made big trouble some when the librarian was busy with a lot of queuing customers to serve. Another problem is less controlling book which were on there. Because of this situation, number of books are lost from the place which were on it before. Library of Industrial Engineering Diponegoro University (RBTI) has a same problem with another library where have an opened service to serve customers who borrow some books. According to the situation the writer want to solve the problems in RBTI with The RFID technology (Radio Frequency Identification).

Keyword : Library, RFID, circulation service, RBTI Library Management System