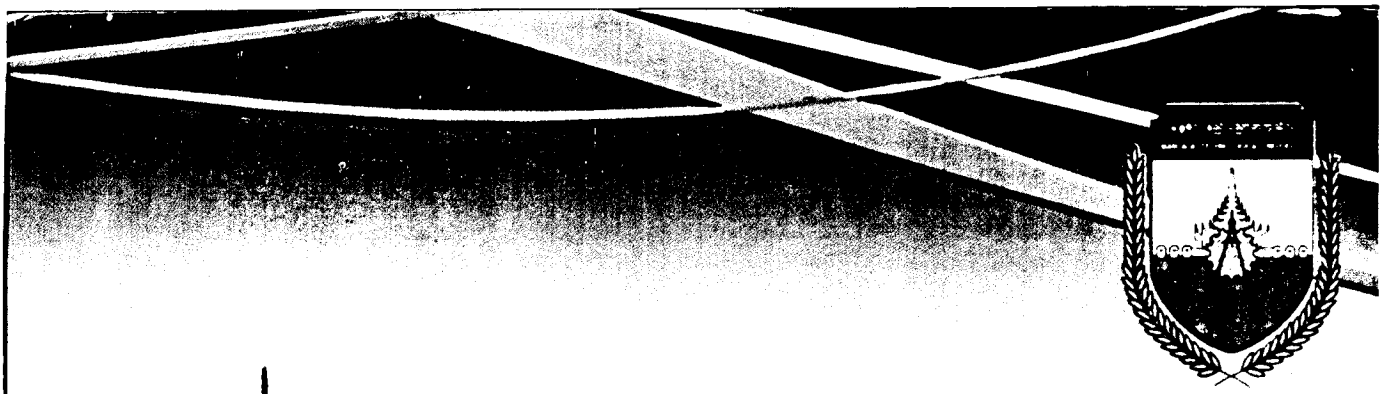

NCSE

THE FIFTH NATIONAL CONFERENCE ON SCIENCE AND ENGINEERING, 2012 (UPPER MYANMAR)

ABSTRACT VOLUME

ORGANIZED BY:
MANDALAY TECHNOLOGICAL UNIVERSITY, MANDALAY
MINISTRY OF SCIENCE AND TECHNOLOGY, MYANMAR

JULY 9 - 12, 2012
MANDALAY, MYANMAR

IMPLEMENTATION OF CASE-BASED REASONING SYSTEM FOR ENGINE CONSTRUCTION

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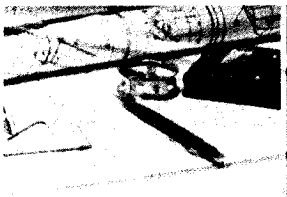
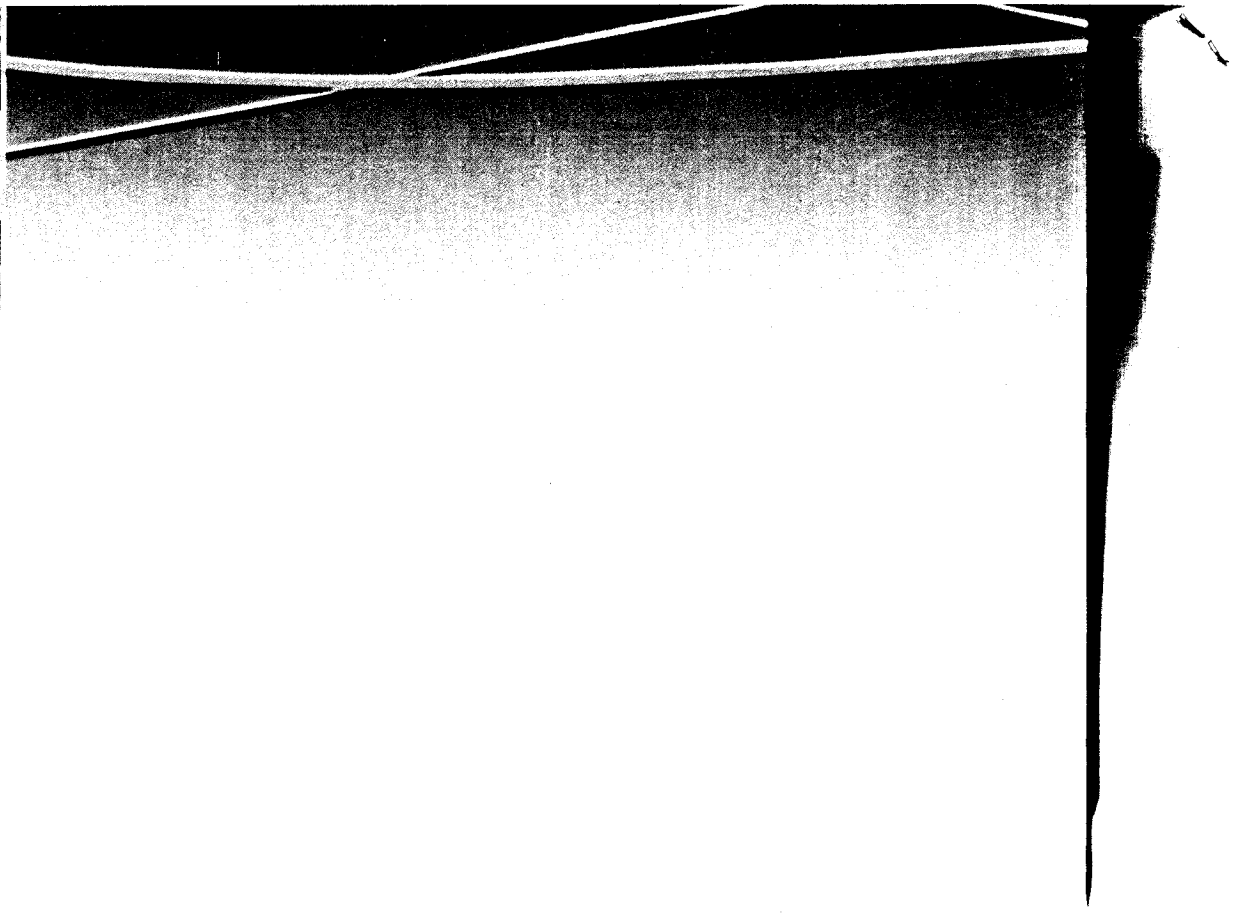
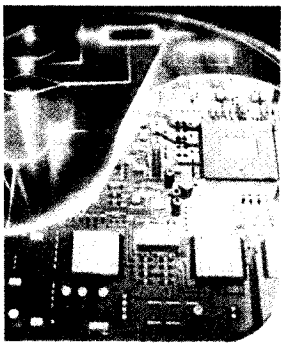
ABSTRACT

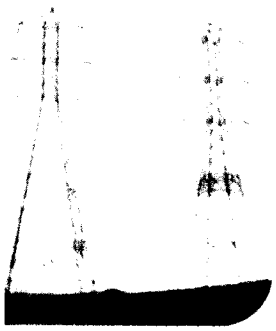
Today, case-based reasoning system is used in many construction projects for knowledge management system. Case-based reasoning means using old experiences to understand and solves new problems. It is not only a powerful method for computer reasoning, but also a pervasive behavior in everyday human problem solving. In this paper, case-based reasoning system is implemented for engine construction. By using this system, people remember a previous engine construction case similar to the current engine construction case and use that case to solve the new problem. This system will help a mechanic who fixes and constructs engines. Mechanics have ready access to the organization's engine facts, information and engine building solutions. They can choose three types of engine such as aircraft, train locomotive and marine engine by using this system. This system is implemented with ASP.Net and C#.Net languages.

Keywords — Case-based Reasoning, Computer Reasoning, Knowledge Management System









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