



Visvesvaraya Technological University
BELGAUM, KARNATAKA

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ಬೆಳಗಾವಿ, ಕರ್ನಾಟಕ

A PROJECT REPORT ON

**An Enterprise development
On
Process Management with Integration
In a single product
“Business Cradle”
(Sponsored by K.S.C.S.T)**

Submitted to Visvesvaraya Technological University in partial fulfillment of the requirement for the award of Bachelor of Engineering degree in Computer Science and Engineering

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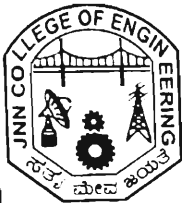
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ABSTRACT

Business Process Management (BPM) is a hot topic because it is highly relevant from a practical point of view while at the same it offers many challenges for software developers and scientists.

Business process management is a set of methods, tools, technologies used to design, enact, analyze and control operational business process. BPM is a process centric approach for improving performance that combines information technologies with process and governance and methodologies. BPM is collaboration between business people and information technologists to foster effective and transparent business process.

Business process management unifies IT activities and co-ordinates the actions and behaviors of people and systems around the common context of business processes. Business process management facilitates rapid design, assembly and deployment of complete business processes. A complete set of connectors and codeless tools makes the development of solutions even faster. A collection of interrelated tasks that takes input and produces an output that is of value to a customer or to other processes. Typical business process includes receiving an order, entering transactions in books, sending a purchase order, receiving an invoice. BPM system is generic software system driven by explicit process representations to co-ordinate the enactment of business process.

In this dissertation, graphical process modeler has been designed and implemented. Business analysts can utilize Business Cradle tool which is simple to use, drag and drop interface for quickly designing process flows and to document business roles. Business cradle helps to simulate the business processes so that business analysts can optimize their business processes by comparing various scenarios.