

# **SOS IN COMPUTER SCIENCE & APPLICATION JIWAJI UNIVERSITY**

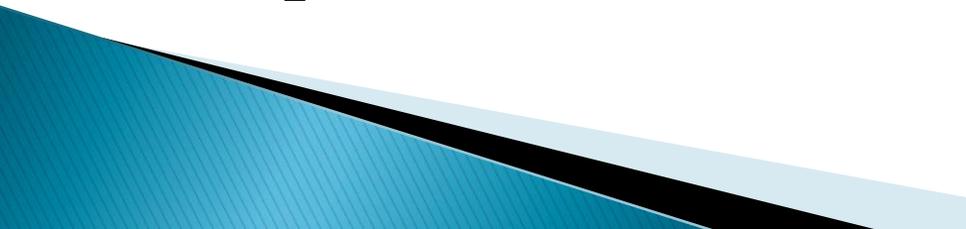
Class : MBA (E-Commerce) VI Semester

Subject: ERP and BPR Allied Concepts

Paper Code : (401)

Topics : (i) Five steps methodology to implement BPR  
(ii) BPR development process vision  
(iii) Objectives of BPR

BPR is not a recipe for successful business transformation if it focuses on only computer technology and process redesign. Many BPR projects have failed because they did not recognize the importance of the human element in implementing BPR. Understanding the people in organizations, the current company culture, motivation, leadership, and past performance is essential to recognize, understand, and integrate into the vision and implementation of BPR.



# **Business Process Re-engineering**

Business process re-engineering(BPR) is a business management strategy ,focusing on the analysis and design of workflows and business processes within an organisation . BPR aimed to help organizations fundamentally rethink how they do their work in order to improve customer service, cut operational costs, and become world class competitors.



# *A five step approach to business process reengineering*

## **1. Develop the business vision and process objectives:**

The BPR method is driven by a business vision which implies specific business objectives such as cost reduction, time reduction, output quality improvement.

## **2. Identify the business processes to be redesigned:**

Most firms use the high-impact approach which focuses on the most important processes within an organization and then prioritize them in order of redesign urgency.



### **3. Understand and measure the existing processes:**

To avoid the repeating of old mistakes and to provide a baseline for future improvements.

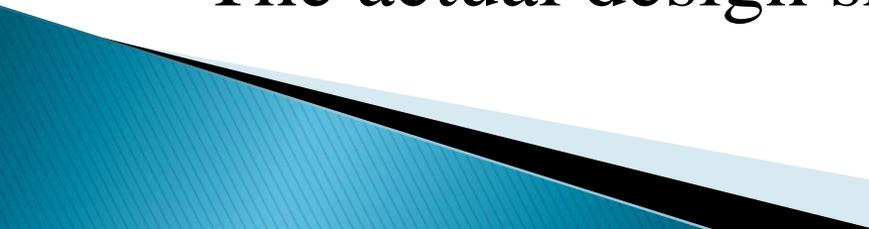
Compare: Scientific management

### **4. Identify IT levers:**

Awareness of IT capabilities can and should influence BPR.

### **5. Design and build a prototype of the new processes:**

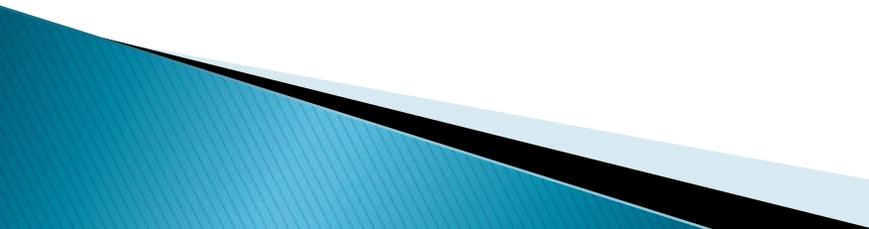
The actual design should not be viewed as the



end of the BPR process .Rather ,it should be viewed as a prototype with successive iterations. The metaphor of prototype aligns the Business Processes Reengineering approach with quick delivery of results, and the involvement and satisfaction of customers.

### **BPR Development Process Vision**

The BPR method is driven by a business vision which implies specific business objectives such as cost reduction, time reduction, output quality



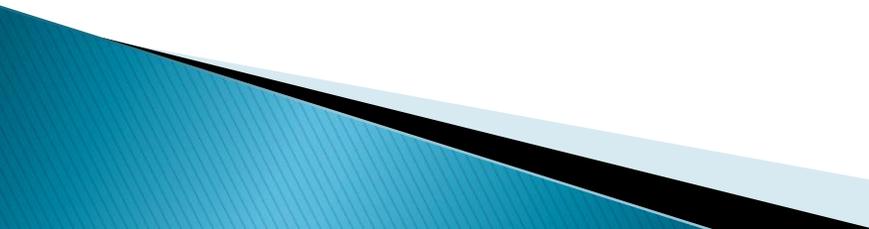
improvement identify IT levers.

BPR focus on building world class processes that deliver best quality, lowest cost and shortest cycle time through the elimination of waste. With lean being applied to business process, businesses could have a single process team who would be responsible for anything involving the end-to-end ordering-fulfilling invoicing process thereby reducing waste in the process.



# Objectives of Business Process Re-engineering

Some objectives of business process re-engineering are as follows –

- BPR enable the entity to increase effectiveness and thereby deliver higher quality products to the customer.
  - BPR enables the company to improve efficiency in the production processes involved
  - Cost saving can be achieved in the long run with the help of BPR.
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- Provide more meaningful work for employees
  - Increase flexibility and adaptability to change
  - Enable new business growth
  - Information technology plays a major role in BPR
  - It provides office automation, allows the business in different locations , provides flexibility ,permits quicker delivery and paperless transactions.
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