A STUDY PAPER ON SCM IN ERP WITH SPECIAL REFERENCES TO SELECTED ENGINEERING COMPANIES IN GUJARAT

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ABSTRACT
The aim of this investigation is to identify the essential components of SCM-ERP integration and how it deals with HR concerns. SCM: The Business Focus factor and information quality of ERP solution, system quality of ERP solution, system use of ERP solution and appropriateness of ERP solutions in context to engineering companies of Gujarat State. The total SCM-ERP integration oriented engineering companies are 143 in Gujarat. The selection of 15 companies is made possible on the basis of five zones of Gujarat State. The source of data is primary and secondary. The primary data are collected through structured questionnaire administered to the respondents in person and through email, Pearson correlations is conducted as statistical tests for achieving the objectives.

Review of Literature
Remaining Work
SIGNIFICANCE OF THE STUDY
The study contributes to the knowledge of the researchers as well as provides much-needed details to the software designers. The findings of the present study would be of use to large and small manufacturers about the conception and perception about various software.

Research Objectives
1. To examine the relationship between SCM: The Business Focus factor and information quality of ERP solution in context to engineering companies of Gujarat State.
2. To examine the relationship between SCM: The Business Focus factor and system quality of ERP solution in context to engineering companies of Gujarat State.
3. To study the relationship between SCM: The Business Focus factor and system use of ERP solution in context to engineering companies of Gujarat State.
4. To study the relationship between SCM: The Business Focus factor and appropriateness of ERP solution in context to engineering companies of Gujarat State.

Analysis
Pearson Correlation Test
In this study, Pearson correlation test is conducted to determine the relationship amongst the factors i.e. IQ, SU, A and SCMBF.

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<thead>
<tr>
<th></th>
<th>IQ</th>
<th>SQ</th>
<th>SU</th>
<th>A</th>
<th>SCMBF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pearson Correlation</td>
<td>1.618**</td>
<td>735**</td>
<td>678**</td>
<td>612**</td>
<td>769**</td>
</tr>
<tr>
<td>Sig. (2-tailed)</td>
<td>.000</td>
<td>.000</td>
<td>.000</td>
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<tr>
<td>N</td>
<td>372</td>
<td>372</td>
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Finding
This study provides insights on employee perception towards SCM activities by focusing on firm business and core components of ERP software in terms of information quality, system quality, system use and appropriateness. The motivational factor of this investigation is to understand digital world in engineering companies which either SMEs or non-corporate organizations in state of Gujarat. The relation between employee perception and effects on firm performance on implementing integration of SCM-ERP will provide directions to employers for better outcomes on productivity.

Recommendations
1. Employees of engineering companies should focus on upgradation of employee technological knowledge through on the job or off the job training.
2. ERP-SCM integration usage should be made more popular amongst the employees of engineering SMEs with a view to improve interdepartmental communication by enabling disparate departments to collaborate more easily.
3. ERP-SCM integration usage should be made more popular amongst the employees of engineering SMEs with a view to drive profitability in a better manner.
4. ERP-SCM integration usage should be made more popular amongst the employees of engineering SMEs with a view to become more customer focused.
5. ERP-SCM integration usage should be made more popular amongst the employees of engineering SMEs with a view to become more customer focused.
6. ERP-SCM integration usage should be made more popular amongst the employees of engineering SMEs with a view to make more informed business decisions.
7. The engineering SME employers should take measures on determining how ERP-SCM integration can benefit to the end users.

Conclusion
SCM: The Business Focus (SCMBF) factor is observed as significantly correlated with information quality (IQ). It can be concluded that respondents are more conscious on their job execution through ERP–SCM integration in terms of information accuracy, information preciseness, information completeness, information timeliness, Information compatibility, Information **. Correlation is significant at the 0.01 level (2-tailed).
understandability, information volume appropriateness and information relevancy, collaborative customer relationship, customer problem solution, right choice of customer and installation process of SCM.

SCM: The Business Focus (SCMBF) factor is observed as significantly correlated with system quality (SQ). It can be concluded that respondents are more conscious on their job execution through ERP – SCM integration in terms of, limitations of unauthorized access, ease of system use in ERP, integrated reports, easy navigation to information appropriate style of design for business, transaction security and error free transaction are, right choice of customer and installation process of SCM.

SCM: The Business Focus (SCMBF) factor is observed as significantly correlated with system quality (SU). It can be concluded that respondents are more conscious on their job execution through ERP – SCM integration in terms of, job performance improvement, goal achievement, flexible interaction, clear and under stable interaction, productivity improvement, technical soundness, easy to access, usage reduces human power in organization, improvement in data control and informational decisions are, right choice of customer and installation process of SCM, the best customization, time saving, and improving customer services.

SCM: The Business Focus (SCMBF) factor is observed as significantly correlated with appropriateness (A). It can be concluded that respondents are more conscious on their job execution through ERP – SCM integration in terms of, improving absenteeism management, improving training and development functions, improving reward management, improves profit ratio, and improving data input process, are right choice of customer and installation process of SCM, the best customization, time saving, and improving customer services.

References

Web-Site Searched
17. http://www.slideshare.net/ezendu/overview-of-SCM/