GROWTH OF ORGANIZATIONAL EXCELLENCE ON THE SATISFACTION OF USERS AND EMPLOYEES OF “FANAP COMPANY”

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Resumen: El objetivo del estudio es investigar el efecto del desarrollo organizacional en los usuarios de la Empresa FANAP para demostrar que el liderazgo y la gestión pueden guiar los roles determinados, ya que no podemos decir, sin desarrollo y componentes efectivos de una organización, el valor agregado de la organización que es el desempeño del modelo en el personal satisfactorio por factores internos y externos. Metodología: el estudio es una investigación descriptiva-encuesta, y el cuestionario se utiliza como una herramienta de investigación que su validez se examina teniendo en cuenta los expertos, y su fiabilidad se mide utilizando el Alpha Cronbach. Luego, se distribuyó entre el sistema estadístico incluyendo 250 individuos. SPSS y Smart PLS software se utilizaron para el análisis estadístico. Se analizaron las características demográficas del sistema objetivo mediante estadística descriptiva, se utilizó el coeficiente de regresión lineal y varias variables y el patrón esquemático del software de las ecuaciones estructurales para analizar las hipótesis y las relaciones disponibles en el Modelo de Excelencia de Organización. Hallazgos: muestran que existe una relación lógica y buena entre componentes intermedios y variables dependientes e independientes de que el coeficiente de ruta es 0,592 y 0,574, respectivamente, con un nivel aceptable de significación. Debido a la alta correlación entre la satisfacción del personal con el desempeño final y la satisfacción de los usuarios, se puede decir que existe una convergencia muy fuerte entre estos tres componentes, y hay una convergencia promedio entre otras variables. Resultados: como 59 y 57 por ciento de la satisfacción del personal y los usuarios externos es considerable, y muestra que hay un visible Modelo de Excelencia de la Organización en FANAP Co., y todos los trabajos realizados son consistentes con nuestra investigación, pero esta cantidad es baja teniendo en cuenta la procedimientos y fuentes disponibles, y debe ser incrementado, y los lazos débiles en FANAP Co., deben ser fortalecidos.

Palabras clave: Excelencia organizativa, Satisfacción del personal, Satisfacción de los usuarios externos.

Abstract: The study aims to investigate the effect of organizational development on FANAP Company’s users to prove that how leadership and management can guide the roles determined, since we cannot say, without development and effective components of an organization, which an effective organization moves towards creating the organizational value-added that is the performance of the model on the staff satisfactory by internal and external factors. Methodology: the study is a descriptive-survey research, and the questionnaire is used as a research tool that its validity is examined considering the experts, and its reliability is measured using the Cronbach Alpha. Then, it was distributed between statistical system including 250 individuals. SPSS and Smart PLS software were used for statistical analysis. Demographic characteristics of targeted system was examined by descriptive statistics, and linear regression coefficient and several variables and schematic pattern of structural equations’ software were used to analyze the hypotheses and available relations in Organization Excellence Model. Findings: show that there is a logical and good relationship between intermediate components and dependent and independent variables that the route coefficient is 0.592 and 0.574, respectively with an acceptable significance level. Due to the high correlation between staff satisfaction to final performance and users’ satisfaction, it can be said that there is a very strong convergence between these three components, and there is an average convergence between other variables. Results: as 59 and 57 percent of staff satisfaction and external users is considerable, and it shows that there is a visible Organization Excellence Model in FANAP Co., and all the works done are consistent with our research, but this amount is low considering the procedures and available sources, and it should be increased, and the weak loops in FANAP Co., should be strengthen.

Keywords: Organizational Excellence, Staff satisfaction, External Users’ Satisfaction.

1. INTRODUCTION
Excellence is a kind of change which is the growing trend of an organization to strengthen positive organizational methods (Ghiebemhe, 2016). Grouping of individuals and planning for change must take place in the structure of the organization rather than its outside (Nicolas, 2016), and the privatization excellence, is the ability for human resource capabilities in the world of the business (Aljohan 2016). The implementation of the program is carried out by the executive directors of the company and the correct program implementation and performance evaluation of the executives are monitored by the top management of the organization (Memarzadeh, Tabrizi, 1391) Accordingly, nowadays, job satisfaction in the organization has attracted a lot of attention from managers, in a way that some of them consider it as the ultimate goal of managers, because it is an important factor in improving the individual performance of employees (Robins 20113). In confirmation of this, Higgs and Aitken (2003) have stated that the organizations have focused on identifying characteristics related to employee performance in the last 50 years, which according to researchers, is one of the most important components of job satisfaction that can affect employees performance and, consequently, improving the organization's efficiency. According to Robbins (2011), one who is satisfied from his job, would have a positive attitude towards it, but the one who is not satisfied with his job, would have negative attitude toward his/her work, and this explains the need to pay attention to job satisfaction in organizations. Job satisfaction reduction leads to a high number of absenteeism, low labor productivity, employee's displacement and transfer (Rafiee 2013; Dahghan et al., 2012).

The efficiency of public service providers such as municipalities has an important role in creating capacity in every system. But the correct judgment about this ability is possible when their performance is evaluated using precise methods. The performed studies show that European Foundation for Quality Management (EFQM) can provide an appropriate framework to evaluate the performance especially in urban systems and municipalities (Esmail Pour et al., 2013).

2. RESEARCH LITERATURE
Organization excellence:
Excellence model is a tool for measuring system deployment in an organization and self-assessment and guidance that identifies and determines the direction of activity for managers to improve performance (Evan 2013). Therefore, the key message of the Excellence model relies on answering two questions: (1) How this model is identified as a proper managerial structure and (2) who can play a key role in this communication chain and interactions. The first level of this model decomposes the whole targets and, at a later stage, the overall objectives are divided into quantitative and measurable scales. The management structure creates the improvement causes based on the basic principles and concepts and the attention to the main criteria of universal quality management and the system of self-assessment (Nadia 2011). Excellence organization refers to an organization which its quality output is satisfied by customers, consumers, employees, shareholders, suppliers and the system (Fonseca 2015).

The basic values and concepts form the principal basis for planning and deploying the systems, and
to understand the functional status of organizations, it's a must to use criteria that have a close relationship with the basic concepts of quality, the criteria by which the degree of realization not the fundamental concept and the organization success could be measured in achieving results (Hadfield 2014).

The poor performance weakens the change and is a barrier for organizational excellence (Roberto et al. 2016). Change is an important part of the business environment. People are forced to adapt themselves with conditions which are out of their control in order to be able to work and succeed every day (Broke 2016). The criteria and standards are determined. In the next stage, the implementation of the program is carried out by the executives and monitoring the correct implementation of the program and the evaluating

4. REVIEW OF RELATED LITERATURE:

Saghapur and Kordshuli (2011) also used the organizational excellence model to determine the criteria to assess the level of employee's performance. This study attempts to provide a model that can establish the performance integrity evaluation systems at organizational and individual levels. For this purpose, organizational excellence model (EFQM) and balance score card (BSC) were selected as organizational performance assessing patterns. Then, a set of initial indicators for employee performance evaluation was extracted by combining these two patterns and extracting the criteria and indicators of organizational performance evaluation from them. In the next stage, questionnaires were designed and distributed among a group of experts and the employee performance evaluation model was finalized in three successive stages using the Delphi method based on their views. The model has 9 dimensions, 25 components and 76 indicators and can be used to evaluate the employee's performance in different organizations as a suitable framework. Finally, in order to determine the appropriateness of the proposed model and adapting it to the needs and requirements of each organization, using the hierarchical analysis method, the

coefficients of importance of each of the dimensions, components and indicators in the model are determined to evaluate the status of the employees.

Norouzi et al. (2013) also studied the role and position of the EFQM organizational excellence model in organizational improvement (case study in Electricity Company of Southern Fars province). In this study, it has been stated that the improvement and improvement of administrative departments is one of the main issues for managers attention and experts in human resources and administrative departments in organizations and companies, because

the effect of administrative improvement has been determined on "employee satisfaction", and it has increased the efficiency, productivity, employee motivation, and etc. In this regard, managers and experts have been implementing organizational planning and using different strategies. Meanwhile, the creation of administrative improvements in organizations through the existing strategies and systems in them will increase the interaction and the ability of this changing. Among the existing systems and strategies in organizations, the EFQM model can be used as an effective tool for improving administrative transformation due to the existence of various criteria and sub-criteria consistent with
organizational goals. In this paper, the first attempt was made to identify the most important strategies and projects that can be implemented to help improvement and administrative development in Southern Fars province Electricity company, according to the opinion of the experts and senior managers of the organization, the focus was on the relationship between these projects and the programs with the criteria and sub-criteria of EFQM and they have been rated based on the impact of each of these projects and programs on increasing the evaluating model EFQM score rate.

Azimi and Nourali Dokht (2013) also studied the job employee's satisfaction based on the EFQM model in an oil pipelines and Telecommunications Company in the northwest of the country. The statistical population of this project includes all employees of the company in the Northwest region (over 236 people) in all of cities. All members of the statistical community were evaluated and a general census is done due to the limited number of statistical communities in this plan. Therefore, sampling was not done in this design and all employees were evaluated. Data collection methods in this research includes: library method, sample questionnaire, interview and observation method. The research data were analyzed based on descriptive and inferential statistical concepts and analyzed using software. By assessing the job satisfaction of employees in each of the cities, the employees of Maragheh city, Mianeh and Ardebil had the highest job satisfaction, respectively, and the employees of Sarab, Idelhlo and Miandoab cities had the lowest job satisfaction, respectively. However, in terms of job satisfaction, according to employees' reports, the employees of the cities of Ardebil, Maragheh and Tabriz have the highest satisfaction and the employees of Idelou, Zanjan and Eshtehard cities have the least amount of satisfaction. According to similar studies, the result is considered acceptable.

Jafarinejad hatke lu and Houshyar Mehraban (2014) studied the effective factors on job satisfaction of employees working in Tehran metropolitan municipality. Although the subject of the model of organizational excellence has not been considered in this essay, this research has been conducted in the area of municipal employees and on their satisfaction, which is closely related to this research. In this study, that its main purpose is to investigate the factors affecting the employees job satisfaction at FANAP Company. The aim of this study was to investigate the relationship between different factors on job satisfaction by using existing literature. The information needed for this research has been gathered from library and field methods. The statistical society of this research is all official and contract staff working in Tehran metropolitan municipality. According to the statistical population, sampling method in this research is a random method. Using the Cochran formula, 483 people were selected. In order to describe the data obtained from the questionnaire, descriptive statistics indexes such as frequency, percentage, mean standard deviation and in single group, t rating test, inferior statistics, were also used to analyze the questions and hypotheses of the research. Independent tests and multivariate analysis of variance analysis have been used. Findings in this research show that the prestige has the greatest impact on job satisfaction of employees, and then follows by salaries, benefits and labor relations.

Tutuncu et al (2009) showed that there was a significant relationship between job satisfaction and excellence model (EFQM) in a study using focal correlation method, and concluded that the organizations which implement EFQM, should consider job satisfaction as an important factor in the pedestrian develop a successful model of excellence. Ehsanifard (2013) carried out a research titled "Presenting a Strategic Model for Measuring, Managing and Evaluating the Effective Performance of Municipalities by Combining Two Balanced Scorecard Model and European Excellence Model, as a case study in the Tehran municipality. The model proposed in this study was to evaluate and manage the performance of the municipalities of Tehran based on two models. According to the type of the research, it was applied in terms of purpose and survey nature. On the other hand, considering the research pattern and the criteria extracted from the theoretical foundations which have been examined by the experts through the survey and final confirmation, the research method is based on the Delphi method. In this research, 32 experts agreed on the consensus of experts on the dimensions and components of performance evaluation. The statistical population of this research is composed of senior managers and experts in the field of urban management in municipalities and sample individuals have been selected purposefully. The general satisfaction level of citizens from municipal performance was also determined by various components of the citizens' questionnaire at the district level. The content validity of the model and its components were obtained from experts' opinions. The relationship between dimensions and its components was then computed by SPSS software, the convergent-divergent correlation test and Spearman test, and Friedman analysis of variance test was used for ranking the components. In the evaluation and management model of municipal performance in the urban system, correlation and relationship between the dimensions of the organization's motivation (with components of history, mission, culture and reward system), human resource management (with performance management components, financial and budget management, material resource management, equipment and human resource management) Performance (with the components of the employees level, the program performance level, and the organization performance level) and the stakeholders satisfaction level (with the components of citizens,
the urban community, employees, investors and providers of urban services) were approved with the equilibrium level in the organization's performance and the balance in performance will satisfy the citizens of that organization (municipality).

Zaker Shahrak & Abazari (1391) in a study entitled "Assessment of the Performance of the Center for educating the children and adolescents in Iran using the European Foundation for management (EFQM) " and presenting the proposed model for the creation of an international library, " found that the Center for educating the children and adolescents has earned 15.28 out of a total of 1,000 possible score and it is possible to make an international library by the necessary means for children and adolescents in Iran. Heydari (2015) conducted a study with the aim of the relationship between organizational learning and excellence in Tehran University. In this research, 300 members of the Faculty of Humanities of Tehran University were selected as the sample, the combination of the best approaches related to relevant questions was used In this study. The result showed a significant relation with significant correlation which transfers organizational knowledge into learning.

Tari (2006) demonstrated a process that a self-assessment was taken based on the EFQM model at a Spanish university in his research. These steps include: developing management commitment, planning for self-assessment, setting up teams for training and self-assessment, identifying corrective actions, implementing corrective actions, and reviewing.

Rodríguez, Marta., Álvarez, M. Jesús (2014) In a study, entitled "Does the EFQM model identify and enhance the capabilities and abilities of using information in an organization?", concluded that the quality of information is directly affected by the results, and a firm can rely on the quality of information, when has the capacity and ability to use information. Establishing a total quality management model TQM along with the EFQM model in an organization can strengthen the capacity to use organizational information.

5. METHODOLOGY

According to the descriptive table, the 10 components of the EFQM model for the midpoint components are 2.5 times average, which is 50% of each component in the organization, with an average value greater than 2.5 representing more than 50% for the components of the model Yoghurt and these values are suitable for the FANAP Company and represent higher values than the average. And according to the stretch criterion less than 2, it is a sign of normal distribution, and the parametric tests for testing hypotheses should be used.

Test Type: Single-variable T Test:
All components of the EFQM model are more than average.

The present research is a type of applied studies. It is non-experimental in terms of nature and descriptive in terms of survey. A standard questionnaire will be used to collect the information in order to examine the organizational excellence model with the staff and external users approach so that the reliability of the tool with the obtained alpha is 0.865 and in addition to the final confirmation, the factor loads will be used to confirm every individual question. SPSS and smart PLS will be used to analyze the data.

6. STATISTICAL POPULATION AND SAMPLING

The statistical population of this research is the staff of FANAP company, and the survey sample of this research is made up of 250 employees from 600 employees of the company which is based on the Morgan table and the statistical basis of the Smart Plus method.

The sampling method was a simple random sampling so that in each office, they wrote the personnel names, then the samples have been extracted using the random number table and data collection was done.

7. STATISTICAL DESCRIPTION OF THE RESEARCH VARIABLES

Table 1. Descriptive data of the questionnaire

<table>
<thead>
<tr>
<th>variable</th>
<th>building</th>
<th>climate</th>
<th>technology</th>
<th>customer</th>
<th>resource management</th>
<th>learning thinking</th>
<th>learning doing</th>
<th>management commitment</th>
<th>total</th>
<th>stretch</th>
</tr>
</thead>
<tbody>
<tr>
<td>mean</td>
<td>3.77/11</td>
<td>3.87/11</td>
<td>3.87/11</td>
<td>3.87/11</td>
<td>3.87/11</td>
<td>3.87/11</td>
<td>3.87/11</td>
<td>3.87/11</td>
<td>3.87/11</td>
<td>3.87/11</td>
</tr>
<tr>
<td>SD</td>
<td>0.58/11</td>
<td>0.58/11</td>
<td>0.58/11</td>
<td>0.58/11</td>
<td>0.58/11</td>
<td>0.58/11</td>
<td>0.58/11</td>
<td>0.58/11</td>
<td>0.58/11</td>
<td>0.58/11</td>
</tr>
<tr>
<td>test</td>
<td>0.03/11</td>
<td>0.03/11</td>
<td>0.03/11</td>
<td>0.03/11</td>
<td>0.03/11</td>
<td>0.03/11</td>
<td>0.03/11</td>
<td>0.03/11</td>
<td>0.03/11</td>
<td>0.03/11</td>
</tr>
<tr>
<td>stretch</td>
<td>0.50/11</td>
<td>0.50/11</td>
<td>0.50/11</td>
<td>0.50/11</td>
<td>0.50/11</td>
<td>0.50/11</td>
<td>0.50/11</td>
<td>0.50/11</td>
<td>0.50/11</td>
<td>0.50/11</td>
</tr>
<tr>
<td>Hypothesis:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H0: All components of the EFQM model are more than average.</td>
<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>H1: All components of the EFQM model are not more than average.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
Table 2. Descriptive data of T-test variables

<table>
<thead>
<tr>
<th>Average standard deviation</th>
<th>standard deviation</th>
<th>average number</th>
<th>Model components</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1311</td>
<td>0.4033</td>
<td>1.7771</td>
<td>250</td>
</tr>
<tr>
<td>0.1720</td>
<td>0.2713</td>
<td>1.8134</td>
<td>250</td>
</tr>
<tr>
<td>0.1555</td>
<td>0.2618</td>
<td>2.8531</td>
<td>250</td>
</tr>
<tr>
<td>0.1714</td>
<td>0.2518</td>
<td>2.8584</td>
<td>250</td>
</tr>
<tr>
<td>0.0664</td>
<td>0.2313</td>
<td>2.9005</td>
<td>250</td>
</tr>
<tr>
<td>0.1404</td>
<td>0.2303</td>
<td>2.9751</td>
<td>250</td>
</tr>
<tr>
<td>0.3507</td>
<td>0.2535</td>
<td>2.9075</td>
<td>250</td>
</tr>
<tr>
<td>0.2131</td>
<td>0.2713</td>
<td>2.9579</td>
<td>250</td>
</tr>
<tr>
<td>0.1712</td>
<td>0.2439</td>
<td>2.9501</td>
<td>250</td>
</tr>
<tr>
<td>0.1406</td>
<td>0.2541</td>
<td>2.9006</td>
<td>250</td>
</tr>
</tbody>
</table>

Table 3. Analysis of table variables

According to one-way T-test, which shows that all components of the EFQM model are more than average, that are located within the acceptable range of Student's T due to standard deviations distribution, indicating a dense response to this questionnaire. All assumptions are confirmed with a significance level of 0.000 as a reason for the rejection of the zero assumption. Statistically, all components of the EFQM model are equal to and above the average. And given the sum of the concessions of these values, we can say that the scores in this model are satisfying.

8. MODEL TEST

The relationship between assumptions in the EFQM model table with 95% confidence is as follows:

In the study of the effect of leadership on policies in FANAP Company with the amount of 0.04 or the amount of the table of 1.64, which is smaller than the test statistic of 5.68, and the amount of the path coefficient is 0.297. The hypothesis is zero and our hypothesis is confirmed in the study of the effect of policies on the relationship with the client in the FANAP Company, with an amount of 0.05 or a table value of 1.64, which is smaller than the test score of 7.05, and the amount of the path coefficient is equal to 0.371. In the study of the effect of policies on the relationship with suppliers in the FANAP Company, with an alpha value of 0.05 or a table value of 1.64, which is smaller than the test statistic of 3.07, the assumption is zero and our hypothesis is confirmed, and the value of the path coefficient is 0.169. In the study of the effect of policy on system security in the company FANAP with a value of 0.04 or an amount of 1.64, which is smaller than the test statistic of 5.08, the assumption is zero and our hypothesis is confirmed and the path coefficient is 0.374. In the study of the effect of the relationship with the client on the final performance results in the FANAP Company with an alpha value of 0.05 or a table number of 1.64 which is smaller than the test statistic of 3.61 the assumption is zero, our hypothesis is confirmed and the path coefficient is 0.271. In the study of the impact of leadership on process management in The FANAP code with a value of 0.05 or a value of 1.64, which is smaller than the test statistic of 1.46, the assumption is zero and our hypothesis is rejected. In the study of the effect of the relationship with the suppliers on final results of the performance in the FANAP Company with an amount of 0.04 or a table value of 1.64 which is smaller than the test statistic of 1.041, the assumption is zero, and our hypothesis is rejected and confirmed in the path coefficient is equal to 0.2. In examining the impact of human resources in the FANAP Company with an amount of 0.05 or the table value of 1.64, which is smaller than the test statistic of 3.56, the assumption is zero, and our hypothesis is confirmed and the path coefficient is equal to 0.1010. In the study of the final results of the performance on staff satisfaction at the FANAP Company with an amount of 0.05 or a table value of 1.64, which is smaller than the test statistic of 1.8, the zero assumption is rejected and our hypothesis is confirmed and the path coefficient is equal to 0.529. In examining the effect of the final results of the performance on the satisfaction of the contractors in the FANAP Company with the value of 0.04 or the amount of the table of 1.64, which is smaller than the test statistic of 11.46, the assumption is rejected and
our hypothesis is confirmed, and the value of the path coefficient is equal to 0.592.

9. CONCLUSION

Regarding the results of the regression and structural equations derived from the relationships in the EFQM research, it is stated that the leadership, the most independent component and the most important predictor has been able to measure the impact of 57.9 and 59.2 on contractor and employee satisfaction r2 which is very good for components and it has been able to achieve the satisfaction of the contractor and the staff in the municipality. Meanwhile, the mediator variables have been able to play an acceptable role, and they are confirmed by the path analysis and SPSS, and the model fit is logical and there is relatively dispersion in the relationships within the model, the adaptation of these dispersions reduces the path coefficient between the components. In the analytical model, according to the T-test, the components are more than average and according to the positive direction of the questions, this amount is good and more than 50%. And in FANAP Company, near average components of the model are the reason for the homogeneity and convergence of the data. In this model, all assumptions with a positive and moderate path coefficient were confirmed, and the works done by Saviz et al. 2014, Jafarnejad & Houshyar Mehraban 2014, Tutuncu et al 2009, Ehsanifard 2013, Rodriguez, Marta, Álvarez, M. Jesús 2014, Saghapour & Kordshouli 2011, Norouzi et al 2013, Azimi & Nourali Dukht, Hamid (2013). A Survey on Job Satisfaction of Employees of Oil Pipelines and Telecommunications Companies in the Northwest of Iran with EFQM Based Model, Second International Conference of Management, Entrepreneurship and Economic Development, Qom, Payame Noor University.


Ighieberhe Anthonia, Pius Awua-Ikhia, 2016, Organizational Change Management: A Strategic Approach for Organizational Effectiveness, International Journal For Research In Business, Management And Accounting, ISSN: 2455-6114.


REFERENCES


Nichols Fred, A Primer, 2016. Change Management 101, Fred Nichols can be reached by e-mail at fred@nickols.us. Other articles of his can be found on his articles web site at: www.skullworks.com.


Quality Foundation (EFQM) Excellence Model and presenting the proposed model for the creation of the International Library for Children and Adolescents, Journal of Academic Librarianship and Research, No. 59, 129-149.

Zaker shahrak, Mina, Abazari, Zahra (2012). Evaluation of the Performance of the Center for Intellectual Development of Children and Adolescents in Iran by Using the European