

The Relationship between Applying of Enterprise Resource Planning (ERP) Systems and Improvement of Performance in Golgohar Mining and Industrial Company

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ABSTRACT

The purpose of the study was to determine the relationship between use of ERP systems and improvement of performance in Golgohar mining and industrial company. Data collection was conducted based on self-administrated questionnaire. For analysis the questionnaire which completed by 30 employees in Golgohar, we use the descriptive statistics. The advantages show the relation between uses of ERP and improvement of performance put in the high level minded to the intermediate level.

Keywords: Enterprise Resource Planning, Mining, Golgohar, Industrial Company

INTRODUCTION

The organization with high operation have the difference approach rather than the other organizations, the purpose of them is to achieve to the high operation level through the more participation of the staff in the matters.

These organizations not only consider the corporeal requirement, but also consider the spiritual requirement. We should respect to their opinions, through the presentation of the organizational operation feedback, encourage the staff to have the more attempt or endeavor, (Rahimian&Goudarzi,2009).

The usage of operation management solution, cause the operation recovery of the staff and also cause the better positivism of the goals. the operation management need the recovery and also being up to date. The operation management should always measure review and repair the operation of their staff, (Soltani,2008).

The complication of the environment in the challenging field of the avocation and increased expects of the customers and the requisiteness of the awareness from the pros and cons of the organization and the continues recovery have cleared the key value more and more (Tabari, 2008).

Regarding to the increased challangement in the world`s market, nowadays, the organization need the program for their organizational sources. Utilization from the information technology and the communication are the best tools or instruments that can help the organization in this process.

The different industries need the investment in the field of the IT development to perform the progress programming systems. One of the latest informational technologies in this field is the organization sources planning system. the main goal in this technologies the dominance of the information technology in all the steps of the organization or financial corporation`s activity. to let the resources present the sameness data together with the consider of the logical exchange (TaghaviFard& others, 2009)

Now a days we remind the ERP in the design of the pedestal information organizations as the instrument that have the more subdominant result that consist of increasing transparence, decreasing the cost, decreasing the exhaustion of the virility, providing the proper work milievextoling the work ability of the staff and management, adjusting the way of doing the works and so on. In other words, we can provide the proffer situation of proper operation in organization. with the performance of the ERP in the organization, it can from the basis of the utilization management. (Rezaiyan, 2006)

ERP systemic solution based on the information technology that can put the resources of the organization in the control of the managers in different levels, by the attached and coherent system with high speed, accuracy and quality to manage the planning process or organizational operation.(Modiri, 2010)

The literature of the topic or subject

Mean the operation as the mean of the person`s attempt. The final exam is the operation management. The management is the way or the ethic of the act and it is not the science or the profession, however it has the branches from the both.

The first condition of the organization health is the highexception from the operation. The manager should have the remarkable criteria for their operation. The prerequisite of this act is the complete recognition and proper operation. The operation means the permanent ability to achieve the result in the long duration and in all kinds of the mission. In the human operation precedency, the bobble should be recorded also disappointments should be exist. The precedency

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of the work should be reflection of the ability and the human limitations. We should be unreliable to the person, who doesn't have any mistakes, never do the big mistakes and he/she never lose.

It has two attitudes, this person whether is a cheater or may be examined with the unimportant things. The better the person is, the amount of his or her bobble is more, because the number of the new act that he or she does, is more, (Deraker, 2005). In all studies of the organizational utilization, all the researches achieve this results that the process of doing work is the efficient variable in utilization and in aspect of the statistic, the boisterous correlation between the preferment of the utilization and the adjustment of the doing the work is recorded. In the other matter or subject, written by the Dr. Naser Mirsepassi in the field of the job series development and human resourced development with the report from Dalhousie university of Canada noted that it was published in the march of 2005 and based on this study, only six percent of the organizations operation related to the ability or even the incitation of the staff and nine percent of that related to the assumption of the staff and eighty five percent of that related to the organizational functions, systems and the process. Based on these consequences and other several evidence, it can be self-confession to achieve the higher level of the abilities in organization, should review or change the systems and the working process basically, synchronic and continuously. (Rezaiyan,2006).

Management provide the possibility base on the operation that can move to the goal by protection of the seamless. The operation management in the working dimension, have the following results for the organization:

1. return to the operation recovery of the sporadic of the individuals.
2. the operation of the process and the units of the organization will fortificate.
3. return to the quality production for the organization.
4. the field of the individual and organizational recovery will recognize and recover.
5. the seamless of the operation will provide in individual and organizational level.
6. all the staff force to think and act for being profitable of the organization (Soltani,2008).

The continuous recovery of the operation in organization, provide a synergy power that it can support the growth or the development program and also it can provide the ascendancy opportunities.

The government, organization and institute do the advancement attempt or endeavour in this matter. without proceed and achieve the awareness from the amount of the progress and assess to the goals and without the recognition of the challenges in organization and having the information from the amount of policies performance and recognition the matters that need the serious recovery, the continuous recovery of the operation wont be possible. (Dolatabadi,2011).

From the time of different technologies birth, no technologies can related the link between the different fields of the science. information technology use from all the up to date science to provide the essential information of the different fields. the accurate using of the information technology cause the human life recovery and modifying the problem is due to the previous technology such as traffic, lack of the physical facilities in order to do the work or education, lack of the time, informational monopolist.

The manager always face to a one question in the field of the cost expenditure or investment for the information technology utilization in their organization ((where is the abutment of the investment in technology?)) it is normal that the technology is the economic way against from the current way, therefore the manager should know the usage of the information technology system in the organization. In order words the information technology effect on the value that are enumerate from the first condition of the success for the new organization. One of the important concern of the organizational decision marker is the determination of this substantiation. (Rezaiyan&Taghizadeh,2006).

The information technology utilization and specially informational systems results the control predigestion and bailiwick and through this way, managers bailiwick compass against the traditional functions that can be counted as a limitation, can be improved. The extension of the bailiwick compass, decrease the managers in the intermediate levels, therefore the number of the management levels in the intermediate parts of the organization will decrease. Also, the information technology through the re engineering cause the abatement in the process and also an abatement in the time of doing the works. Finally, it prepare the efficiency of the managers and the organizations. (Sarafizadeh, 2004).

Information technology has the axial role in all the fields of the work activity related to the modern organization information technology in all the functions of the work was stricken to the impartible role that information technology convert to the central neurotic system. Information is the blood current in working that disembody during the all working process that can be support by the neural system. Therefore, to use the challenging power of the IT, we should act as a seamless organization. (Molana poor,2011).

One of the important instruments of the information technology and communication that have the important role in the seamless of the information and the existence function in the institutes is the ERP and now it is one of the last instruments of the planning and managing that are considered in the world, the ERP cause the improvement of performance with covering the informational break in all over the institute, and provide the necessary head stock to level out the internal and external parts, companies, the factories that have fruition from the unique management in the form of the institute.

Therefore, adaptability in the changing or predigesting environments and institute, can be powerful rather than the fast reaction to the new or changeable requirements. These systems are be able to accrete organizations with the utilization of the information technology, systems and the existence function in the organization and put it available in the form of the unique data basis. (TaghaviFard& others, 2009).

The useful information systems that can cover all the activities and duties in an organization and also can put the crucial and important information to the users, are they useful instruments that can be used by the organization to

increase their ability, the improvement of performance, the better making decision and assess to the challenging advantages (TaghavinFard,2009).

One of the latest information technology in this field is the planning system of the organizational resources that can provide the resources that can provide the complete accrete of one organization that the different resources can exit from the insular matter and present an accrete data,together and by the regard of the logical exchange,this information accrete data will follow the management improvement of performance.

These systems are the useful instruments that are used to increase the self ability in the field of the improvement of performance and the better decision speed and assess to the challenging advantages by the organization. The ERP systems are the latest management instrument that have the ability of the information gathering in the organization with the utilities of the information technology in all the fields of organization activity accuracy and these information and the results of it is put disposal to the users in different levels.

ERP is the systemic solution based on the information technology that put the organization resource in the control of the managers in different levels of the organization by the continuous system with high quality, accuracy and speed to manage the planning process and organization function in proper way. (The Previous).

ERP is supported by the useful sub plan. These activities can consist of the long ranges of the financial management, human resources management, production management, buying smithereens, controlling the existence of the supply,sending the instruments to the productive units.(Heydari, 2006)

One of the ways for accreting the organization process in the form of mechanize system is to use the systems that were designed before and have the claim that they utilize the best practice, in thismatter instead of the writing the mechanize plans, we recourse to the plans with regarding of the organization process or practices that cause the reengineering of the process.

ERP systems are consist of different useful plans and each of them has the subuseful plans such as useful plans of financial management, human resources, preparation chain, production, repair, protection, contrasts and transportation and so on.(Salehi,2010)

In the society of our study (in organic and industrial company ofGolGohr), only five useful plans were bought and established and we proceed the description of each one and introduce their sub plans:

1. The useful plans of financial management,consists of the followinguseful subplans

public accounting payable accounts, receiving accounts, Fixed chattels, box and criticism.

The features of these useful plans: in ERP systems, each person has the ability of the related process performing, and also accounts will accounting in the very short time and without any mistakes besides, the starting of the ERP system cause that to emprise the competition and updating the information, with the use of ERP system the Financial part relate to the other parts, and the role of financial part decreases in the a field of the document exportation in different steps of the one proceed with automatic document exportation in different steps of the one proceed with automatic document exportation and convert to the controlling role.

The existence of the accrete system cause that the financial part can easily identify the advantages of the process as a document receiver and controlling factor confidence to the automatic document exportation and making the least of the users interfere in document exportation cause the increasing of the exportation in one hand and decreasing the performing activity in financial part on the other hand.

2.The useful planning of the human resource

This part is consists of the useful planning:

Human resources, salary and the stipend, controlling the time, teaching.

The advantages of this system: decreasing the aberrances and the differences in salary and the stripend, the speed of doing the work and activity, in dependence of the information to the person and being crank systemically in human resources not being crank personally, legislate the laws,validation cycle.

3.The supply chain management

His part consists of the following useful planning:

supply, buy, sale.

The total of the supply chain parts are in a direct relation to the financial part to find the cost and prime cost and good's valuation and also product's valuation, accounting and the total statistic matters also it relates to the other parts such as production and human resources in order to enter the product and devolution to the other persons in this system, we can have a considerable speed in the definition and keeping the goods tree of the goods and control with the definition that are determined before.

4. production

It consists of the following useful planning:

The activity in the circuit, the list of the material, planning of the material, production scheduling, quality control, cost finding management

The advantages:

The production of the quality reports from the system and transferring the quality information of the mine and excavation and so on in the form of online, centralized information al bank of production batches.

- Online reports from the situation of the production supply
- The centralized information al bank from the situation of the equipment function
- The centralized information al bank from the results of the quality control
- The automatic calculation of the weight – quality mean of the products.
- The possibility of the relation between the equipment of the keeping, repairing and production
- The complete pursuit of the production precedency from the beginning of the production cycle to the end of that.

5. keeping and repairing(EAM)

It consists of the following useful plans:

Keeping and repairing, the environment of the job apply.

The advantages:

Mechanization of the information entrance relate to the repairment assess to the information relate to the one equipment,the function of the equipment tree and the history of that. Giving the online report from the equipment situation, controlling the validation of the repairing activity apply base on the related units. Having the ability of the cost in different levels of the tree function, giving the report from the cost in equipment levels automatic exportation of the precautionary repairment instruction base on the time of the equipment instruction base on the time of the equipment function, the number of the certain days or an obvious date of the calendar giving the report from the failure. The ability of the annexation about each information, map,and related document to the equipment.

A review on the previous studies

DR Ali Rezaiyan and EbrahimTaghizadeh proceed the effect of the using information technology on the organization effectiveness from the view of the users in these systems in one study as the processing of the information technology for presenting the proper services in organization libraries,museums and the document central of AstaneGhodseRazavi and between the dimensions of the information technology system, the increased speed of the doing activity, the accurate in doing the activity, information retrieval in proper time, saving the information more and more and increasing the speed of the information assess are selected. This study is the free deliberation kind and in general it is mensuration kind. The statistic societyof the study in clued the total staff who are cooperating with the information technology system in organization. The volume of the society in this study is two- hundred fifty persons that are cooperating in the settled organizational units in Mashhad city and the volume of the sample is selected, one - hundred eleven persons in the form of the study aspects, the effect of these dimension proceed on the effectiveness of the organization that define the presentation of the proper service to the client and there get the result that using the information technology system cause the better Function of the organization.(Rezaiyan and others, 2006).

Fereydoonverdinezhad and others in one study as the effect of the new technologies on the challenging advantages of the Islamic republic report explain that: the new technologies are defined with Five dimension system dependent on the technique, knowledge, act, process and intermediate matters that each of these dimension has the Special effect on the predicate activities with the special Functional components and it can be effective in achieving the challenging advantages.

This study impart the documental and descriptive research way and the instruments of the data gathering is questionnaire that is done in statistic sample volume of ninety persons in the statistic society of the managers, redactors, representation bosses and the reporters of the predicate organization.

The results of this study indicate that the proper challenging of the advantages is pensionable of the accumbency on technology as a knowledge and technology as a process.(Verdinezhad and others, 2009).

Javadkhalatbari and others, selected the twohundred persons through the Morgan table in simple random sampling way as the sample through the total staff of the technical and professional organization in Five city of Mazandaran state such as BabolGhaemshahr, Sari Neka and Behshahr (the number of the Four-hundred nineteen as the statistic society) to proceed the effect of the information technology utilization on the Function and effectiveness of the organization staff.

They get result with the utilities of the descriptive study method in survey kind: Using the information technology have the effect on the Function and effectiveness of the organization staff.(Khalatbari and others, 2010).

A review on the ForeignersStudies:

Murali, D.R Chari and others in 2007 in a study named company Function and international diversity proceed the role of the technology investment. For this purpose, a questionnaire was sent to the superior American company in utilization of the technology and ninety completed questionnaire was returned. they result that the technology investment have the position effect on the Function.

Kevin B. Hendricks and others in 2007 in a study named, the effect of the enterprise resources planning systems on the companies function, selected four-hundred six companies through the four thousand sixty and they result that these systems have the positive effect on the companies Function.

Philipp Kollinger in 2008 in a study named: the relation between technology, innovation and company Function (experimental evidence from the Function of the electronic commerce in Europe) that was done between the 7302 European companies and One-hundred one companies participate in the counsel and they result that the innovative activities relate to the higher benefit.

Juha-Pekka Kallunki in 2011 proceed the effect of the organization resources planning systems on the controlling systems management and companies Function.

In this study, the gathering information way was the questionnaire that was sent by the email randomly for one hundred persons from the Financial bosses or the avocation controllers from the great Finnish companies about the ninety six questionnaire was returned.

They result that the utilization from the organizational systems that cause the recovery of the company Function in a long time.

Pang-Lo in 2011 in his study named: the effect of the success vital Factors in ERP knowledge on management Function in the industries with higher technology in Taiwan result that the ERP systems have the positive effect on the management Function the organization resources playing systems are the latest technology of the world's day in the field of the information accreting regard to the industries and the organization are following the quality and the quantity of the these instruments.

DISCUSSION

The ERP systems have the several useful plans that each of them can effect on the different aspects of the organization Function, the Golgohar mining and industrial company from the Five useful planning of these systems consist of: Financial useful plans, human resources, supply Chain management, production, keeping and repairment that are utilized.

With the consideration of the mineral and industrial company position in Iran for asmuch as this company have the considerable potentials in the field of the Knowledge accumulation, Financial validity and substructure Facilities and Enlargement design are the most important mineral and industrial active axis in the country.

Therefore it seems that the using the experiments of the active and powerful company in the field of the information technology can help the similar institutes in the field of the proper strategy selection with regard of the internal advantages and disadvantages and also provide the situation and the environment fulmination.

With the regard of the mentioned matters and also we know that no study was occurred or happened in this field specially in Iran. Therefore the present study try to identify the advantages and disadvantages of the accrete organization- al resources systems and the ability of that in the recovery of the mineral and industrial Function at the Golgohar as the second utility organization of these systems in Iran to help the other organization that have the purposes of the utilization from this technology or techniques.

Main Hypothesis

1-It seems that there is a relation between use of ERP systems and improvement of performance in Golgohar mining and industrial company.

Secondary Hypothesis

1-It seems that there is a relation between use of FinanceMujule and improvement of performance in Golgohar mining and industrial company.

2-It seems that there is a relation between use of HRSMujule and improvement of performance in Golgohar mining and industrial company.

3-It seems that there is a relation between use of EAMMujule and improvement of performance in Golgohar mining and industrial company.

4-It seems that there is a relation between use of OPMMujule and improvement of performance in Golgohar mining and industrial company.

5-It seems that there is a relation between use of SCMMujule and improvement of performance in GolgoharMining and Industrial company.

Purpose: Determine the relationship between use of ERP systems and improvement of performance in GolGohar mining and industrial company.

Statistical description of the variables and purposes of the study

In this section, the variables and the purposes of this study will explain from the series of the question related to the evaluation of the noted index in the form of statistic.

The main purpose of the study: determining the relation between of the ERP and improvement of performance in Gogohar Mining and Industrial Co.

MATERIALS AND METHODS

In this research we used Spss software for analysis. The relation was deliberate with using the sixty seven question and necessary information was amass mended to determine the relation from the combination of the sixty seven

questions these questions include the questions of the 1 to 11 to determine the grade of the SCM, the questions of the 12 to 27 to determine the grade of the HRMS, the questions of the 28 to 33 to determine the grade of the EAM the question of the 34 to 45 to determine the grade of the OPM , the question of the 46 to 62 to determine the grade of the Finance and the question of the 63 to 67 are related to the common questions of this factors that are indicated with OW abbreviation.

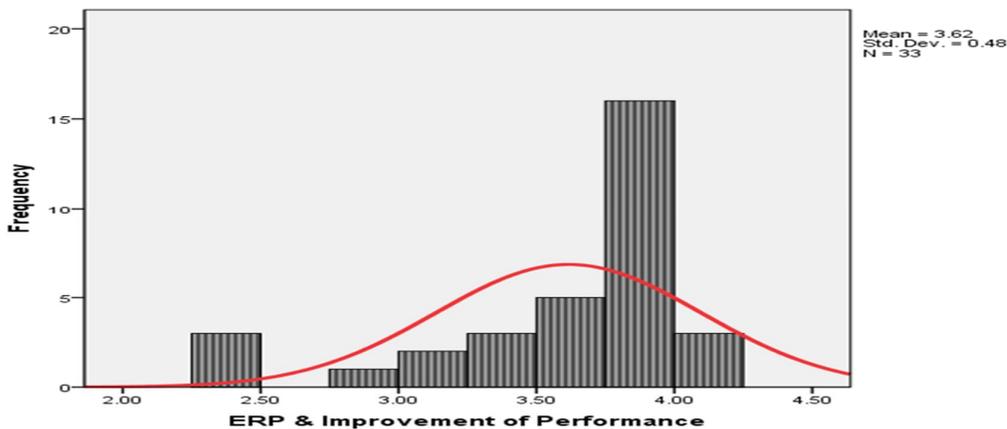
The achieving answers gather from the questions to determine the grade of this relation that are calculated from the series of the given answers to the questions of the 1to 67 of the questionnaire and it presents in table and diagram1.

Table 1: Distribution of the frequency and the percent of the statistic module answers to the questions, related to the questions,determining the relation between the uses of the ERP and improvement of performance

		Frequency	percent
Valid	2.33	1	3.0
	2.45	1	3.0
	2.49	1	3.0
	2.93	1	3.0
	3.07	1	3.0
	3.10	1	3.0
	3.40	1	3.0
	3.42	1	3.0
	3.45	1	3.0
	3.57	1	3.0
	3.63	1	3.0
	3.66	1	3.0
	3.67	2	6.1
	3.78	1	3.0
	3.81	2	6.1
	3.84	2	6.1
	3.87	1	3.0
	3.88	1	3.0
	3.90	2	6.1
	3.91	2	6.1
	3.94	2	6.1
	3.99	3	9.1
	4.03	1	3.0
	4.04	1	3.0
	4.18	1	3.0
	Total		33

Diagram number 1F:

Frequency percent of the statistic module answers to the related questions of the questionnaire, determining the relation between uses of the ERP and improvement of performance.



	N	Mean
ERP	33	3.6165
Valid N (listwise)	33	

With considering of the achieving mean 3,6165,the relation between the uses of the ERP and the Frequency percent of the statistic module answers to the related questions of the questionnaire, determining the relation between uses of the ERP and improvement of performanceput in the high level minded to the intermediate level.

The accessorial hypothesis of the study:

1. Determine the relation between the uses from the SCM Majule and Frequency percent of the statistic module answers to the related questions of the questionnaire, determining the relation between uses of the ERP and improvement of performance.

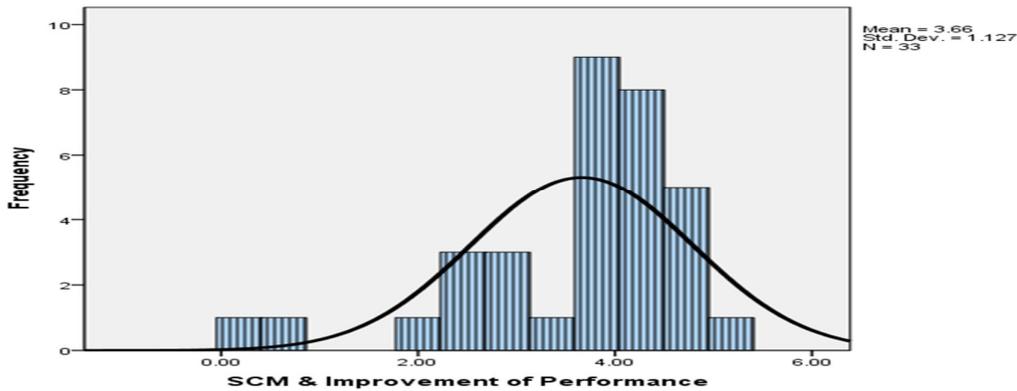
of the staves inGogohar Mining and Industrial CoThis relation was amass mended with uses of the 11questions from the questions (the questions of 1 to 11) and the necessary information was amass mended to determine this relation from the combination of the 11 questions . the achieving answers from the gathering questionnaire was presented in the table and diagram 2 to determine the grade of this relation that were calculated from the total given answers to the question of the 1 to 11.

Table number 2:Frequency distribution and the percent of the statistic module answers to the question that are related to the questionnaire, determined the relation between the uses from the SCM and the Frequency percent of the statistic module answers to the related questions of the questionnaire, determining the relation between uses of the ERP and improvement of performance.

		Frequency	percent
Valid	.18	1	3.0
	.64	1	3.0
	2.09	1	3.0
	2.27	1	3.0
	2.64	2	6.1
	2.91	1	3.0
	3.00	1	3.0
	3.09	1	3.0
	3.45	1	3.0
	3.73	2	6.1
	3.82	2	6.1
	3.91	2	6.1
	4.00	3	9.1
	4.09	2	6.1
	4.27	2	6.1
	4.36	3	9.1
	4.45	1	3.0
	4.55	1	3.0
	4.64	1	3.0
	4.73	1	3.0
	4.91	2	6.1
	5.00	1	3.0
	Total		33

Frequency distribution and the percent of the statistic module answers to the questions that are related to the questions that are related to the questionnaire, determining The relation between the uses from the SCM and the Frequency percent of the statistic module answers to the related questions of the questionnaire, determining the relation between uses of the ERP and improvement of performance.

Diagram number 2:



	N	Mean
SCM	33	3.6612
Valid N (listwise)	33	

The frequency percent of the statistic module answers to the related questions of the questionnaire, determining the relation between uses from the SCM and the Frequency percent of the statistic module answers to the related questions of the questionnaire, determining the relation between uses of the ERP and improvement of performance.

With the regard of the achieving mean, 36612, the relation between uses from the SCM and Frequency percent of the statistic module answers to the related questions of the questionnaire, determining the relation between uses of the ERP and improvement of performance.

Put in the high level minded to the intermediate level.

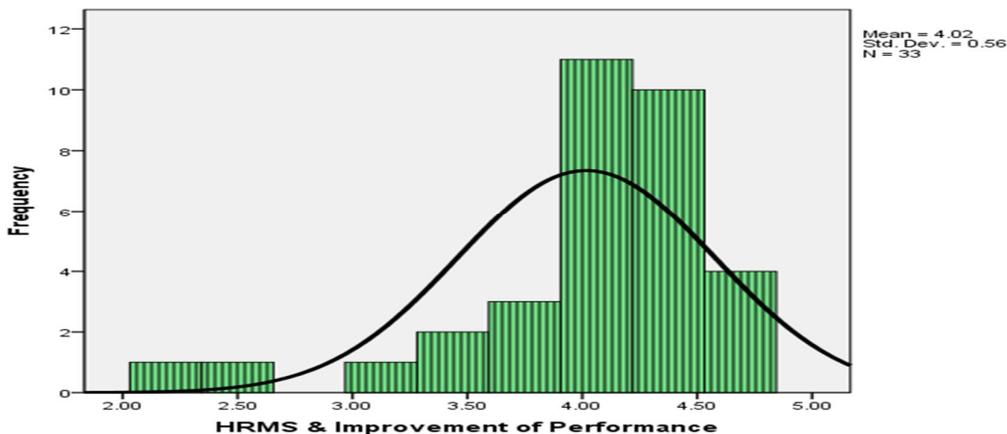
With the consider of the Internet and increasing the volume of the transaction, the organization should be organized for survivance and furtherance in this conversional and dynamic environment to have the creative and the flexible systems in order to able to improve the fast decision ability. In this field, the ERP software was utilized as a basic step to create the informational efficient systems to accrete the information and the organizational knowledge. This technology causes that the software and useful programs to perform in each place or each time without needing the specific operating system.(Ebrahimi and others, 2007)

For determining this relation from the combination of the 16 questions. The achieving answers from the gathering questionnaire for determining the grade of this relation was calculated to the questions of the 12 to 27 and it presented in table and diagram 3.

Table number 3:Frequency distribution and the percent of the statistic module answers to the questions that are related to the questionnaire, determining the relation between the uses from the HRMS and the Frequency percent of the statistic module answers to the related questions of the questionnaire, determining the relation between uses of the ERP and improvement of performance.

	Frequency	Percent
Valid		
2.19	1	3.0
2.56	1	3.0
3.06	1	3.0
3.50	1	3.0
3.56	1	3.0
3.63	1	3.0
3.75	1	3.0
3.81	1	3.0
3.94	5	15.2
4.00	1	3.0
4.06	1	3.0
4.13	1	3.0
4.19	3	9.1
4.25	3	9.1
4.31	3	9.1
4.38	1	3.0
4.44	1	3.0
4.50	2	6.1
4.56	2	6.1
4.69	1	3.0
4.75	1	3.0
Total	33	100.0

Diagram number 3:



	N	Mean
HRMS	33	4.0170
Valid N (listwise)	33	

Frequency percent of the statistic module answers to the questions that are related to the questionnaire, determining the relation between the uses of the HRMS and the Frequency percent of the statistic module answers to the related questions of the questionnaire, determining the relation between uses of the ERP and improvement of performance.

with the regard of the achieving mean, 40170, the relation between uses from the HRMS and the Frequency percent of the statistic module answers to the related questions of the questionnaire, determining the relation between uses of the ERP and improvement of performance

Human resources, especially in the companies that have several units of the vocation, might don't have a simple or seamless method to trace the time of the stave and also can't have relation with them in the field of the services. ERP can help the organization in this case.ERP is a software that can combine the total in formation in the accrete software program this program perform through a data base. Therefore the different units that deal with the information of the human resource scan intersect the information and relate a link with each other. This accrete method have the several advantages, while the companies install the software properly.(Piroozfar, 2011).

Performing the human resources management system has the following advantages for the organization:

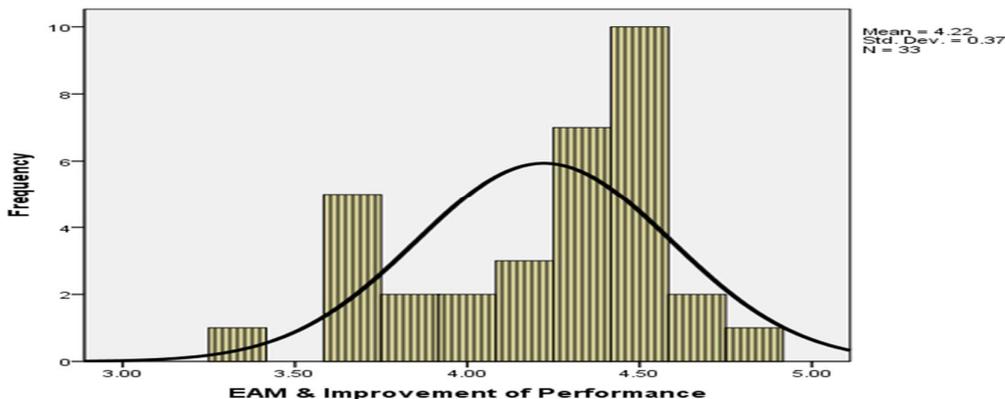
1. Automatic adjustment of the legal command base on the changing of the personnel command.
2. Complete seamless between the personnel system and salary and wage system.
3. Automatic creation and transition of the salary and wage documentaries to the bookkeeping and finally automatic transition of the function information to the salary and wage system.
4. Optimizing the calculation of the work or activity.
5. The seamless between the time control system and salary and wage system and finally automatic transition of the function information to the salary and wage system.
6. Recovering the process related to the time control such as the definition of the holiday calendar, shift, allocating the shift to the persons and calculating the function of the persons in different shift .
7. Automatic exerting the functional strategies of the organization.
8. Having the ability of the rules updating of the salary calculation with the circular of the work office.
9. Centralized in formational bank from the organizational post and the possibility of the using from them in total majuls.
10. Online report from the situation of the payment and the costs of the salary with the persons breakdown.
11. Online report from the situation of the organizational function.(salehi 2010).

3. Determining the valuation between the uses from the EAM majule and Frequency percent of the statistic module answers to the related questions of the questionnaire, determining the relation between uses of the ERP and improvement of performance of the staves , inGogohar Mining and Industrial Co. This relation was deliberated with the use of the 6 questions from the questionnaire(the questions of 28 to 33)and the necessary information was amass mended from the combination of the 6 questions to determine this relation the achieving answers from the questionnaires were gathered to determine the grade of this relation that were calculated from the total given answers of the questions from 28 to 33 and also it presents in table and diagram 4.

Table number 4: frequency distribution and the percent of the statistic module answers to the questions related to the questionnaire, determining the relation between the uses from AEM and improvement of performance.

	Frequency	Percent
Valid 3.33	1	3.0
3.67	5	15.2
3.83	2	6.1
4.00	2	6.1
4.17	3	9.1
4.33	7	21.2
4.50	10	30.3
4.67	2	6.1
4.83	1	3.0
Total	33	100.0

Diagram number4:



	N	Mean
EAM	33	4.2222
Valid N (listwise)	33	

Frequency distribution and the percent of the statistic module answers to the questions related to the questionnaire determining the relation between the uses from AEM improvement of performance. With the regard of the achieving mean. 4. 2222 , the relation between uses from EAM and improvement of performance put in a high level.

ERP system cause the mechanization of the information access related to the repairing. Also it can provide the availability of the related information to the accoutrements, case history and a tree function of accoutrements, confirmation control of the repairing activity apply base on the related units and reporting from the cost in accoutrements level by using this system we can calculate the repairing differences. The instruction of the precautionary repairing differences. The instruction of the precautionary repairing was exported automatically base on the time of the accoutrements function, the number of the appointed day or the specific date from the calendar.(Musavikhah, 2010).

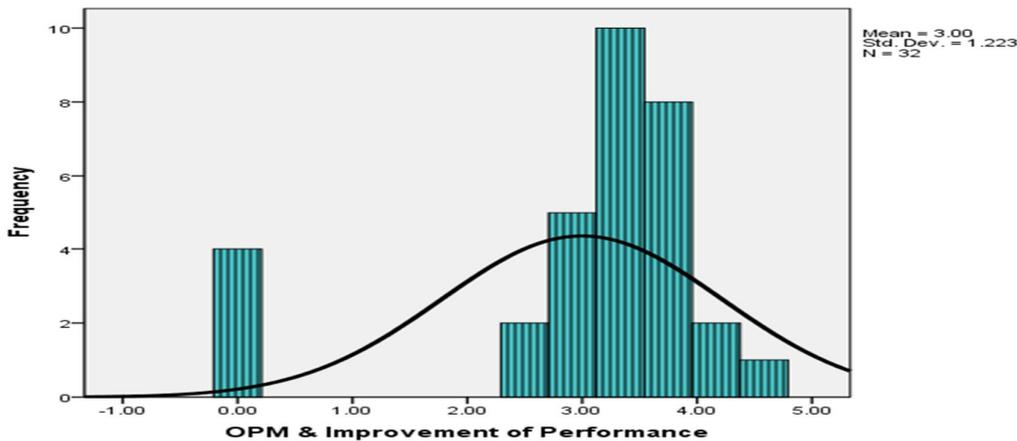
4. Determining the relation between uses from OPM majule and improvement of performance of the staves inGogohar Mining and Industrial Co.

This relation was deliberated by using the 12questions from the questionnaire, the questions 34 to 45 of the questionnaire and the necessary information was amass mended to determine this relation from the combination of the 112 questions the achieving answers from the gathering questionnaires were calculated to determine the grade of this relation from the total given answers to the questions, 34 to 45 and it presented in table and diagram 5.

Table number 5: Frequency distribution and the percent of the statistic module answers to the related questions to the questionnaire, determining the relation between the uses from OPM and improvement of performance.

		Frequency	Percent
Valid	.00	4	12.1
	2.58	1	3.0
	2.67	1	3.0
	2.92	1	3.0
	3.00	3	9.1
	3.08	1	3.0
	3.17	1	3.0
	3.25	1	3.0
	3.33	6	18.2
	3.42	2	6.1
	3.58	4	12.1
	3.75	1	3.0
	3.83	2	6.1
	3.92	1	3.0
	4.00	1	3.0
	4.25	1	3.0
	4.50	1	3.0
Total		32	97.0
Missing	System	1	3.0
Total		33	100.0

Diagram number 5 : Frequency percent of the statistic Module answers to the related questions to the questionnaire, determining the relation between uses from OPM and improvement of performance.



	N	Mean
OPM	32	2.9974
Valid N (listwise)	32	

With the reward of the achieving mean 2.9974, the relation between the uses from OPM and improvement of performance put in the intermediate level.

Using from the accrete sampling system in sale section and of course naturalize the forfeit and gratuity section, can help the calculation of the forfeit and gratuity and even prediction of the forfeit and gratuity of the sending consignment. In the way that this calculation work accurately in the time of the time of the Factor exportation and consider the exact amount of the forfeit and gratuity in Factor. Produce or provide the process report from the different sections are possible by managers availability and they can extract these reports from the system in each time without needing the others and use it for the decisions.

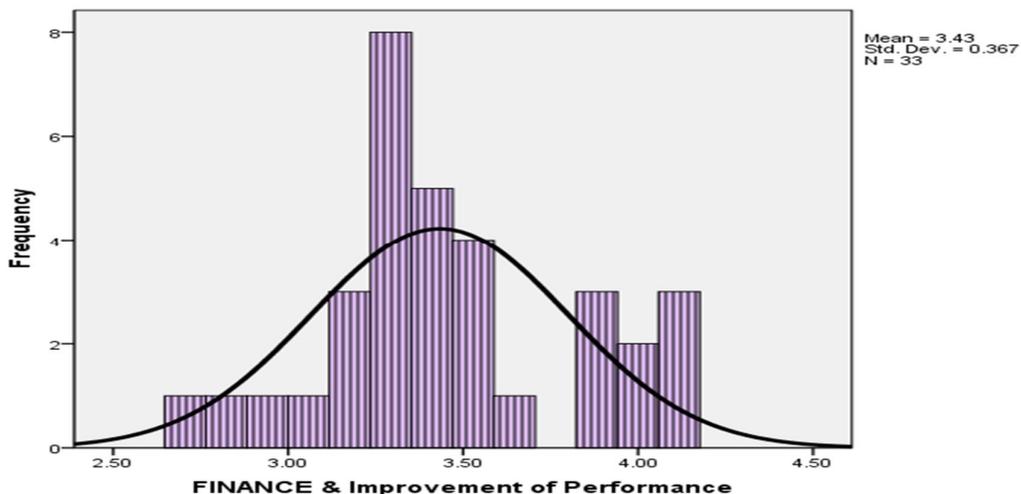
By using from ERP system, there is a possibility of the production steps and also we can calculate the updated defunct cost (Ayatollahi, 2010).

5. Determining the relation between the uses from FINANCE Majule and improvement of performance of the staves inGogohar Mining and Industrial Co. This relation was deliberated by using the 17 questions of the questionnaire (the questions of 46 to 62 from the questionnaire) and the necessary information was amass mended from the combination of the 17 questions to determine this relation. The achieving answers from the gathering questionnaires were calculated to determine the grade of this relation that is assemble of the given answers to the questions of 46 to 62 and it was presented in table and diagram 6.

Table number 6: Frequency distribution and the percent of the statistic Module answers to the related questions of the questionnaire, determining the relation between uses from FINANCE and improvement of performance.

		Frequency	Percent
Valid	2.71	1	3.0
	2.76	1	3.0
	2.94	1	3.0
	3.00	1	3.0
	3.12	1	3.0
	3.18	2	6.1
	3.24	2	6.1
	3.29	6	18.2
	3.35	3	9.1
	3.41	2	6.1
	3.47	3	9.1
	3.53	1	3.0
	3.59	1	3.0
	3.82	2	6.1
	3.88	1	3.0
	3.94	1	3.0
	4.00	1	3.0
4.06	1	3.0	
4.12	2	6.1	
Total		33	100.0

Diagram number 6: Frequency percent of the statistic Module answers to the related questions of the questionnaire, determining the relation between uses from FINANCE improvement of performance.



	N	Mean
FINANCE	33	3.4332
Valid N (listwise)	33	

With the regard of the achieving mean 3,4332 the relation between uses from FINANCE and improvement of performance put in a high level minded to the intermediate level.

By using from ERP system , the FINANCE section relate to the other sections and by exporting the document, automatically, In different steps of the steps of the process, the role of the FINANCE section decreases in the field of the document exporting and converts to the controlling role. Existence the accrete system cause that, the FINANCE section as a document adaptor and a control Factor can realize and recognize the stand points of the process, easier than before and proceed to remove them. By helping the accrete of the ERP system and setting the necessary accessibility, the availability of the FINANCE section to the documentaries of a one document get easier and the information can receive by the FINANCE section, completely systemic and through the Facilities in systems with more accuracy and safety instead of being on the paper and spending a long time.

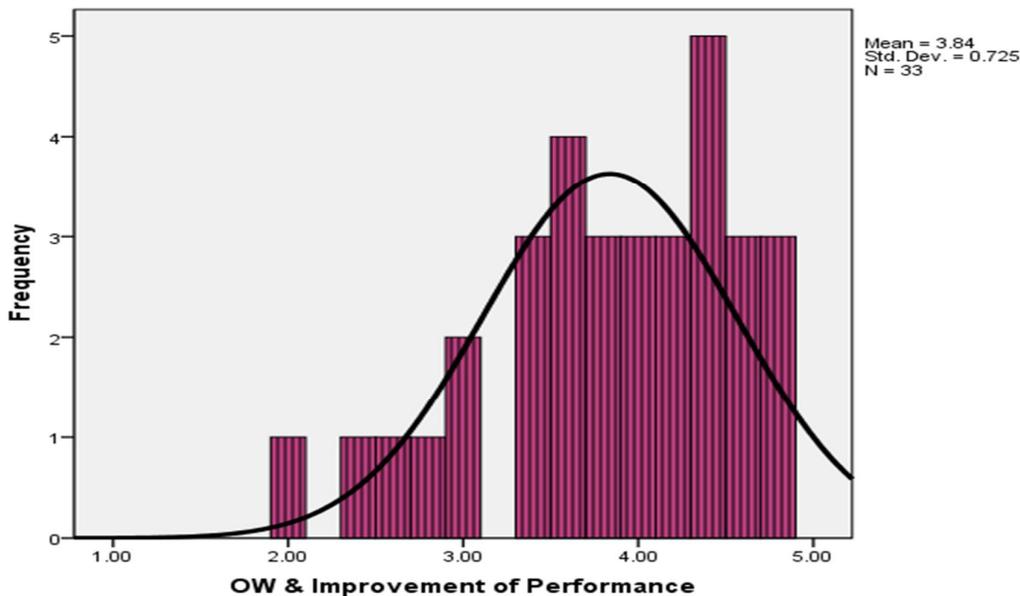
Exporting the automatic document and leasting the user interference in exporting the document cause the enhancement of the affiance of the exporting documents, on one hand, and decrease the performance activity in FINANCE section, on the other hand (Salehi, 2011).

6. Determining the relation between ow and improvement of performance of the staves inGogohar Mining and Industrial Co. This relation is deliberated by using from 5 questions of the questionnaire, the questions of 63 to 67 form the questionnaire, also the necessary information is amass mended from the combination of the 5 questions to determine this relation. The achieving answers from the gathering questionnaire is calculated to determine the grade of this relation that is total given answers to the questions of the 63 to 64, also it presented in table and diagram 7.

Table number 7: Frequency distribution and the percent of the statistic module answers to the related questions from the questionnaire, determining the relation between uses from ow and improvement of performance.

	Frequency	Percent
Valid 2.00	1	3.0
2.40	1	3.0
2.60	1	3.0
2.80	1	3.0
3.00	2	6.1
3.40	3	9.1
3.60	4	12.1
3.80	3	9.1
4.00	3	9.1
4.20	3	9.1
4.40	5	15.2
4.60	3	9.1
4.80	3	9.1
Total	33	100.0

Diagram number 7: Frequency percent of statistic module answers to The related questions from the questionnaire, determining the relation between uses from own and improvement of performance.



	N	Mean
OW	33	3.8364
Valid N (listwise)	33	

By the regard of the achieving mean, 3,8364the relation between uses from ow and improvement of performance put in a high level.

RESULTS

Statistical description and comparison of the study variables

Table number 8: Description statistics related to the study variers

		SCM	HRMS	EAM	OPM	FINANCE
N	Valid	33	33	33	32	33
	Missing	0	0	0	1	0
Mean		3.6612	4.0170	4.2222	2.9974	3.4332
Middle		4.0000	4.1875	4.3333	3.3333	3.3529
Extension		4.00 ^a	3.94	4.50	3.33	3.29
Standard Deviation		1.12707	.55973	.36956	1.22300	.36671
Variance		1.270	.313	.137	1.496	.134
Minimum		.18	2.19	3.33	.00	2.71
Maximum		5.00	4.75	4.83	4.50	4.12

		OW	ERP
N	Valid	33	33
	Missing	0	0
Mean		3.8364	3.6165
Middle		4.0000	3.8060
Extension		4.40	3.99
Standard Deviation		.72535	.48048
Variance		.526	.231
Minimum		2.00	2.33
Maximum		4.80	4.18

- 1- The relation between uses of ERP improvement of performance: base on the table number 8, the frequency and the distribution percent of the given answers to the related questions,, the mean of using from ERP and improvement of performance of the staves inGogohar Mining and Industrial Co is 3,6165.
- 2- The relation between uses of SCM and improvement of performance: base on the table number,8 , the frequency and the distribution percent of the given answers to the distribution percent of the given answers to the related questions, the mean of using from SCM and improvement of performance of the staves inGogohar Mining and Industrial Co is 3,6612.
- 3- The relation between uses of HRMS and improvement of performance: base on The table number 8, the frequency and the distribution percent of the given answers to the related questions, the mean of using from HRMS and improvement of performance of the Staves Gogohar Mining and Industrial Co is 4,0170.
- 4- the relation between uses of EAM and improvement of performance: base on the table number 8, the frequency and the distribution percent of the given answers to the related questions, the mean of using from EAM and improvement of performance of the staves Gogohar Mining and Industrial Co , is 4,2222.
- 5- the relation between uses of OPM and improvement of performance: base on the table number 8, the Frequency and the distribution percent of the given answers to the related questions, the mean of using from OPM and improvement of performance of the staves in Gogohar Mining and Industrial Co is 2,9974.
- 6- The relation between uses of FINANCE and improvement of performance: base on the table number 8, the Frequency and the distribution percent of the given answers to the related questions, the mean of using of FINANCE and improvement of performance of the staves inGogohar Mining and Industrial Co is 3,4332.
- 7- The relation between uses from OW and improvement of performance: base on the table number 8, the frequency and the distribution percent of the given answers to the related question, the mean of using from OW and improvement of performance of the staves inGogohar Mining and Industrial Co is 3, 8364.

In order to realize that which Majule has the best Function, we use the non parametric test and the results of the test came in table number 9 and number 10.

Table No.9	
	Mean Rank
SCM	3.66
HRMS	4.38
EAM	4.66
OPM	1.98

FINANC	2.38
E	
OW	3.95

Table No.10

Test Statistics^a	
N	32
Chi-Square	54.091
Df	5
Asymp. Sig.	.000

a. Friedman Test

With the regard of the reported semantic amount (0/000) in table number 10, we can conclude that there is a semantic differences between the Function of the Majules. Table number 9 indicates that the EAM Majule has the lowest Function in comparison to the other Majules.

Conclusion

Several huge organizations started from the small groups with limited responsibilities, products and services and they convert to the organization with different parts, several personals and different products and services, gradually. In the same time with developing the modern technology in different fields, each part develops its responsibility in the bed of the technologies and smart systems was utilized for the designing ways. But when each part follows its activity separately with independent strategies, the total and huge goals of the organization become inconspicuous and the superior management of the organization cannot analyze the different responsibilities of the organization, cumulative and corresponsive. Therefore, the ERP system that is the newest results of the management in the field of the contestation and can help the organization as an accrete informational – management system. (Ebrahimi and others, 2007).

ERP systems can control the total units of the organization such as financial, production, inventory, ministerial and ... this system include an informational bank of unit informational and the total parts of the organization, use the existence unit information in this bank. The useful programs in these systems, use the similar information and the users from these systems can observe the similar information in all these programs and can use it. (MadadiMoghadam, 2011).

Absence of accrete information in organizations, convert the different parts to the independent Island. Absence of proper distribution and accrete information between the different ingredient cause that each part only think about the optimizing of its benefits. For example, when purchase section doesn't have any information about the inventory or sale, it is usual and normal to think about maximizing their benefits. While the organization will success when it can analyses this information, cooperating with each other and decide for the optimizing the benefits of the total organization without the benefits of the ingredients organization.

There are a few years that the common software so calls enterprise resource planning have been come the markets in order to provide an accrete in the information of the organization by using the information technology.(MIRMOEZI, 2008).

In recent years the EPR systems have been added to the governmental organizational of Iran, and also perform some projects in order to select or perform the EPR (Mahmodi and others, 2011).

Suggestions

The EPR system presenters acclaim that their products was examined frequently and this can able them to present the extraordinary solutions for the different parts of the industry or services. The so system in different organization are not equal or similar, and in several organizations, they cannot be useful. Therefore it is better to proceed to the successful factors of the EPR system in different organization. Even the different majules don't have the similar efficiency several cases can be the reason of this diversity. Since the enterprise resource planning system is a world system and functional strategies of different countries are different in several cases. Therefore the primary performance of the system cannot be prepare in each organization if the each country. We can point to another reasons such as experience and the side walker and the supporter of the system. Therefore there is a special critic for each majule, perhaps we can search the differences of the majule success, in the differences of the knowledge and awareness of the related critic. In some cases, we should change the work strategies of the organization and put it parallel to the propos always of ERP. Therefore the Functional strategies of the organization, strategies, and supporting through the superior management, and the most important of all is the strategies and the management supporting in each part that can be the main reasons of the ERP success in each part. Ordering also cause the programs of the system, if ordering occur more than usual , ERP can not have the best efficiency. The main factors of the success in these systems are users teaching, culturalizing and abatement from the resistance against, the saleintiant success factors, that are included the enterprise resource planning systems.

There fore, we can consider the following cases in future researchers.

1. The reasons of success or un success of the enterprise resource planning system in the different organization.
2. The reasons of success or un success of the different majuls in one organization.
3. The effect of ordering on the function of the ERP systems.
4. The effect of primary culturalizing on adapting the ERP systems and the success in their efficiency.
5. Realizing the relation of the management supporting section and the optimum function of the ERP system.

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REFERENCES

- 1- B.Hendricks, Kevin, The effect of the enterprise resources planning systems on the companies function, 2007
- 2- Deraker, Human Resources, 2005
- 3- D.R. Chari, Murali, Company Function and international diversity proceed the role of the technology investment, 2007
- 4- Dolatabadi, Improvement of Performance, 2011
- 5- Ebrahimi,Babak; Zare, Ahad, Use of Enterprise Resource Planning for electronic SCM, 2007
- 6- Heydari, Eghbal, Enterprise Resource Planning, 2006
- 7- Khalatbari,Javad, The effect of the information technology utilization on the Function and effectiveness of the organization staff, 2010
- 8- Kallunki, Juha-Pekka, Impact of enterprise resource planning systems on management control systems and firm performance, 2011
- 9- Koellinger, Philipp, The relationship between technology, innovation and firm performance, 2008
- 10- Modiri, Naser, Enterprise Resource Planning, 2010
- 11- Molanapoor, Ramin, Strategic management of IT, 2011
- 12- Pang-Lu, Liu, The effect of the success vital Factors in ERP knowledge on management Function in the industries with higher technology in Taiwan, 2011
- 13- Rahimian, Hamid; Goudarzi, Farkhonde, Performance Systems with high ability, 2009
- 14- Rezaian, Saeed, Organization profitability, IT and Enterprise Resource Planning, 2006
- 15- Rezaian, Ali; Taghizadeh, Ebrahim, review of main effect of IT for good services in libraries and musiums of AstaneGhodseRazavi, 2006
- 16- Salehi, Mehdi, Report of ERP, 2010
- 17- Sarafizadeh, Asghar, IT in organization, 2004
- 18- Soltani, Iraj, Tools of self assessment and improvement, 2008
- 19- Tabari, Mojtaba; Arasteh, Farzad, assessment with BSC approach, 2008
- 20- TaghaviFard, Mohammad, The role of IT in Enterprise Resource Planning, 2009
- 21- Verdinezhad,Freydoon, The effect of the new technologies on the challenging advantages of the Islamic republic report, 2009