STRATEGIC IMPLICATION OF LEVEL OF EMOTIONAL INTELLIGENCE AMONG THE FACULTY MEMBERS

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ABSTRACT

Recent past has witnessed great turbulence in the business environment which led to a lot of uncertainties. This uncertainty has not left the education Industry unaffected too. Especially if we talk about the higher education and university level education, we can observe that it has gone a sea change due to the amendments in educational policy marked by the government. Liberalization of education has led to mushrooming of many private universities along the country. These private universities, in order to remain competent require quality faculties. Shortage of quality faculty members is strategic in nature has proved to be related with adverse incidents and aspects of university inefficiency. This shortage of faculty members results due to the tendency of job switching and turnover of faculty members. Therefore, in order to retain and leverage upon the faculties it is highly important to study turnover intention and its antecedents in the Private University system. Thus this study tries to establish a relationship between the turnover intentions of the faculty members and their organizational commitment with the level of emotional intelligence that they possess with mediating role of perceived stress. The study was conducted through a cross sectional survey of 80 faculty members working in various private universities of North India. The study contends that encouraging more emotionally intelligent responses in faculties may enhance the number of retentions and improve their attitude towards the management.

Keywords: Turnover intention, Emotional Intelligence, Perceived stress, strategic significance, organizational commitment.

1. INTRODUCTION

Daniel Goleman (1995) defined emotional intelligence as the ability of an individual to recognize his own feelings and those of others, for motivating oneself and for properly managing the emotions of oneself and the relationships. Gardner (1993) has associated interpersonal and intrapersonal abilities of people to their emotional intelligence. The interpersonal intelligence is considered to be associated with attribute of social competence (e.g. capacity for empathy, altruism and emotional intimacy; Goleman, 1995) while intrapersonal intelligence includes understanding one own self (e.g. awareness o feelings, psychological insight, ability to manage emotions and behave in ways that meet ones needs and goals).

There are many potential personal, social, and societal benefits of incorporating a focus on emotional intelligence, which includes an individual's performance on the job, his adjustments with the surroundings, productivity and above all his desire to stay with the present organization.

According to Mayer et.al, (2000) emotional intelligence is defined as an ability to perceive and express emotion, assimilate emotion in thought, understand and reason with emotion in self and others. Many researchers have been exploring the area of emotional intelligence of people and what makes a person more emotionally intelligent. The researches have indicated that the key to success of an individual lies in his ability to understand, diagnose and manage emotions. These ablates further forms the basis of his social an emotional competency and is needed for success in the job.

There are many studies that indicate that only intelligence cannot explain an individual's achievements at work or in life rather emotions also play a key role in organizational success (Gloeman et al., 2002). Thus emotional intelligence is required in all types of organizations and educational settings are no where different from them.

Hence Emotional Intelligence also plays a very significant role in the success of the faculty members and their style to handle organizational pressure in universities. This study deals with the assessment of the level of emotional intelligence among the university faculty members and the outcomes of these varied levels of emotional intelligence in terms of their turnover intentions and organizational commitment.

2. LITERATURE REVIEW

2.1 Emotional intelligence

Emotional intelligence is not a very new concept, though it have gained popularity in the past few decades but its roots lies deep back in the history when the era of intelligence testing era existed. The dawn of this era was marked by the work of Professor E.L Thorndike laid the foundations of the theory of "social intelligence" in 1920 as "the ability to understand and manage men and women, boys and girls, to act wisely in human relations".

Another phenomenal contribution in this aspect came from Howard Gardner who offered the theory of "multiple intelligence" in 1983, discovered that human intelligence encompasses a set of several interconnected and interwoven capabilities, such as the capacities to reason, to plan, to solve problems, to think abstractly, to comprehend ideas, to use language, to learn and so on. As a result individuals have multiple intelligences situated within different parts of their brain. Gardner grouped these intelligences into seven different components: logical, linguistic, spatial,

musical, kinesthetic, interpersonal and intrapersonal intelligences. He later added naturalistic as well as spiritual/existential intelligences in multiple intelligences.

In the year 1983 Gardner proposed the theory of interpersonal intelligence, which talked about individual's ability to understand others. The interpersonal intelligence was termed as skill s to contemplate and understand others emotions as well; it deals with better communication and mutual understanding in daily life in work place.

The recognition of social intelligence received a major boost after the publication of Gardner's interpersonal theory. Researchers believe that emotional intelligence has its roots in social intelligence (Bar-On, 2006; Young, 1943, 1967) and both interpersonal and intrapersonal intelligences are closely related with the phenomenon of emotional intelligence (Bradberry & Su, 2006).

In the year 1990 a new term called 'Emotional Intelligence' was coined by Mayer and Salovey. They defined emotional intelligence as an ability to solve problem on the grounds of recognizing the meaning of emotions and relationships.

The concept of emotional intelligence gained even more momentum after the publication of Daniel Goleman's (1995) book, *Emotional intelligence: Why it can matter more than IQ* where he introduced an emotional competencies model that focuses on emotional intelligence as a wide array of competencies and skills that drive leadership performance. The model outlines four main emotional intelligence constructs, namely, self awareness, self-management, social awareness and relationship management. Within each of these four emotional intelligence constructs, the model includes a set of emotional competencies.

Martinez in 1997 described Emotional Intelligence as "An array of non- cognitive skills, capabilities and competencies that influence a person's ability to cope with environmental demands and pressures." Against the above stated definition of EI, Goleman (1997) said that the traditional definitions of EI are also equally relevant to a person's day to day life. Thus both the types of definitions must be considered.

Daniel Goleman (1998) defined emotional competency as 'a learned capability based on emotional intelligence that results in outstanding performance at work' (Goleman, 1998, p. 23). In that book he widened the definition of emotional intelligence even further, saying that it consists of 25 'skills, abilities and competencies'

2.2 Emotional Intelligence and turnover intention

Many researches indicate that the level of emotional intelligence of an individual governs his/her attitude on the workplace (Carmeli, 2003). As Carmeli (2003), was able to identify the association between the level of emotional intelligence and the intention to withdraw from workplace among the sample of senior managers of public sector organization. He diagnosed that the managers who scored high of the level of emotional intelligence, were also able to deal with workplace stress and issues quite comfortably and depicted lesser intent to quit. In the year 2002 Jordan et al found that one of the important causes of job turnover among the employees was the feeling of job insecurity. The study came to the conclusion that employees with higher level of emotional intelligence are able to handle the emotions that emerge from perceptions of job insecurity quite well. Besides this another study was conducted by Lopes et. al. 2003 concluded that the employees with higher level of emotional intelligence are able to maintain quality relationship at their workplace and good relationship in turn affects their intention to remain associated with the existing organization. (Saks, 2006) also indicated the similar kind of results from his study and proposed that higher emotional intelligence results in lower turnover intention. This study also attempted to explore the similar kind of relationship between emotional intelligence and turnover intention, among the faculty members of private universities. On the ground of above stated studies this research proposes the following hypothesis.

H_1 - There is a significant relation between emotional intelligence level and turnover intention of faculty members.

2.3 Emotional Intelligence (EI) and Organizational Commitment (OC)

Organizational Commitment is a psychological state that characterizes an employee's relationship with his or her organization and has implications for that employee continuing membership in the organization (Meyer & Allen, 1997).

Meyer and Allen (1991) developed a three-component model of organizational commitment. The first component is affective commitment, which refers to an employee's "emotional attachment to, identification with, and involvement in an organization" (Meyer & Allen, 1991, p. 67). The next component is continuance commitment, which refers to an employee's perceptions of the costs associated with leaving an organization. The last component is normative commitment, which refers to an employee's feelings of obligation to remain in his or her organization

The other definition of the organizational commitment is: the relative strength of an individual's identification with and involvement in a particular organization (Gunlu et al., 2010)

A growing body of organizational and occupational study point more generally to the considerable role of emotional intelligence at workplace. Emotional intelligence is associated

with greater work satisfaction, increased ability to deal with stress, a better change orientation or propensity and stronger organizational commitment (Carmeli, 2003; Vakola et al., 2004).

The study conducted by Zeidner et al. (2004) indicated that those individuals who are high on emotional intelligence level are presumably successful in their conversation, expressing themselves, conveying their thoughts and ideas. The findings of this study suggest that emotional intelligence is linked to social skills. The same thought was carried by Mayer and Salovey (1997). Cherniss (2001) proposed through his study that organizational leaders who are emotionally intelligent may influence the relationship in work setting, which on the other hand impacts the other employees and their organizational commitment.

This study tries to explore the relationship between the level of emotional intelligence of faculty members in private universities and their organizational commitment. Based on the findings from above literature, the study proposes its second hypothesis.

H_2 - There is a significant relation between emotional intelligence level and organizational commitment of faculty members.

2.4 Turnover intention and organizational commitment

One of the most well-established and researched prediction of turnover has been organization commitment (Tett & Meyer, 1993; Meyer et al., 2002). Further to this, a number of studies have found that turnover intention is one of the most important contributions to actual turnover (Lee & Mowday, 1987). Both Meyer et al. (2002) and Bentein et al. (2005) look on OC as an attitude and have evaluated it through the effective, cognitive and convictive components. Van Der Berghe and Trembley (2008) found that affective commitment of an employee towards his parent organization work with his pay satisfaction and by reducing TI. Thus for this study also the predictive effect of OC on TI, would be considerable. Based on this consideration the following hypothesis is formulated.

 H_3 - There is a significant relation between the level of organizational commitment of faculty members and their turnover intention.

3. RESEARCH METHODOLOGY

3.1 Design: The descriptive cross sectional survey research design was adopted to establish the moderating effects of emotional intelligence on turnover intentions and organizational commitment among faculties in private universities.

- **3.2 Population for the Study:** The target population for the study consists of all faculties' workers that fall within lecturer, senior lecturer assistant professor, associate professor and professor cadres in selected private universities in Northern India.
- **3.3 Sample and Sampling Technique:** A total of 80 respondents were selected for the study using a purposive stratified sampling technique. The respondents consisted of 53 male and 52 female faculty members. The stratified sampling technique was utilized to select respondents on the bases of the strata of Gender (male and female), working experience (experienced and less experienced), cadre (lecturer, senior lecturer, assistant professor, associate professor and professor)

The purposive sampling technique was used to select the respondents who spent at least three years in their respective organizations.

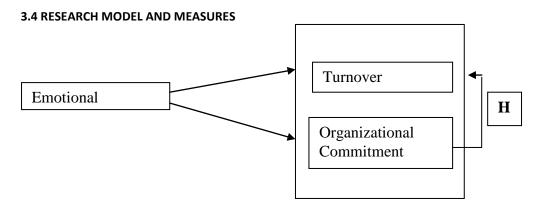


Figure 1: Research Model used for the study

STRATEGIC IMPLICATIONS

Independent Variable

Emotional Intelligence was measured using Emotional and Social Competence Inventory (ESCI), a tool developed by Boyatzis and Goleman (2007) and acquired legally from Hay Group organization. This is a standard measuring tool developed to measure El component. A five point likert scaling technique is used to measure all the components.

The ESCI measures 20 competencies organized into four clusters which were taken as independent variables of the study: **Self-Awareness, Self- Management, Social Awareness, and Relationship Management.** Self-Awareness includes Emotional Awareness. Self-Management includes Emotional Self-Control, Adaptability, Achievement Orientation and Positive Outlook.

Social Awareness cluster is composed of two competencies: Empathy, Organizational Awareness. Finally the Relationship Management cluster includes these clusters i.e. Coach and Mentor, Inspirational Leadership, Influence, Conflict Management and Teamwork.

Competency Framework by Goleman 2007	
Self Awareness	Social Awareness
Emotional Self Awareness	Empathy
Accurate Self Assessment	Organizational Awareness
Self Confidence	Service Orientation
Self Management	Relationship Management
Self Control	Developing Others
Trustworthiness	Communication
Initiatives	Influence
Achievement Orientation	Change Catalyst
Adaptability	Leadership
Conscientiousness	Conflict Management
	Building Bonds
	Teamwork and Collaboration

Figure 2: Boyatzis and Goleman (2007) competency framework

Dependent variables

The first dependent variable of the study '**Turnover Intention**' was measured with the help of three item scale developed by Colarelli (1984). This measure has been validated by the previous researches (Colarelli, 1984; Oldham and Cummings, 1996). The measure uses a five point Likert type scale ranging from strongly disagrees to strongly agree.

Second dependent variable of the study was **Organizational Commitment.** This variable was measured with the help of a scale developed by Meyer and Allen (1991). The instrument measures three dimensions of affective, continuance and normative commitment. These constructs contains 24 items and were ranked on five points Likert type scale ranging from the scale of '1' for strongly disagree to '5' for strongly agree.

DATA ANALYSIS AND RESULTS DISCUSSION

To assess the relationship between EI, turnover intention and organization commitment performance, we performed regression analysis.

4.1 Demographic Profile of the respondents of the study

The first focus of the study was to describe the demographic characteristics of the respondents. A total of 100 questionnaires were administered from which 80 were completed, returned, and entered into the data file. The Demographic characteristics were summarized using frequencies

and percentages for all variables including: Age, number of years with the organization, number of years in the current job and educational level. Tables below contain the details of demographic characteristics of respondents.

Table 1: Age Group of respondents

Age Group	Number of Employees	Percentage
18-25 years	20	25
26-40 years	36	45
41-50 years	16	20
51-60 years	08	10

Table 2: Number of years of association with the present institution

Number of Years of Association	of Years of Association Number of Employees	
3 years	25	31.25
4-6 years	50	62.5
7-10 years	05	6.25
More than 10 years	-	0

Table 3: Education level of Respondents

Education Level	Number of Employees	Percentage
Post Graduate	55	68.75
Doctorate	25	31.25

Table 4: Gender of Respondents

Gender	Number of Employees	Percentage	
Male	53	66.25	
Female	52	65	

4.2 Descriptive Statistics of study variables

The table below describes the basic descriptive statistics of the variables used in the study. Emotional Intelligence has a mean score of 3.94 and standard deviation of 0.537. The results show the variance statistic 0.289. Moreover, Turnover intention shows the highest average value with a mean score of 4.09 and standard deviation of 0.507. The results also depict a variance of 0.257.Organizational Commitment has a mean score of 3.85 and standard deviation of 0.577.

Table 5: Descriptive Statistics

Measures	N	Minimum	Maximum	mean
	Statistics	Statistics	Statistics	Stats
Emotional Intelligence	80	1	5	3.94
Turnover Intention	80	1	5	4.09
Organizational Commitment	80	1	5	3.85

The table below describes the basic descriptive statistics of the variables used in the study. Emotional Intelligence has a mean score of 3.94 and standard deviation of 0.537. The results show the variance statistic 0.289. Moreover, Turnover intention shows the highest average value with a mean score of 4.09 and standard deviation of 0.507. The results also depict a variance of 0.257.Organizational Commitment has a mean score of 3.85 and standard deviation of 0.577.

4.3 Factor Analysis and Reliability

The Principle Component Analysis (PCA) and varimax rotation were conducted with Exploratory Factor Analysis (EFA). Kaiser-Meyer-Olkin (KMO) and Bartlett's test as in Table 6 indicates good sampling adequacy of 0.842 and a significant Bartlett's sphericity ($\chi 2 = 1885.557$, p < 0.001) hence permitting further factor analysis to be carried on (Andy field, 2005). The Cronbach's alpha coefficient ranges from 0.702 to 0.829, in which all these values are greater than 0.70 and thus the data are considered good reliability and good internal consistency (Andy field, 2005). The factor loadings of less than 0.5 were suppressed while the Kaiser's criterion of using Eigenvalues > 1.0 is utilized. As a result of the data purification process, 2 items were deleted from the survey in view of the poor factor loadings (<0.5). Three factors with a 47.28% total variance explained have been successfully extracted using EFA. Table 6 shows the factor loadings of these factors.

Table 6: Reliability and validity of instrument used*

Factors	Item	Cronbach's	Factor Loading	Items	Eigen Value	% of variance	Cumulative % of
		Alpha				explained	variance explained
Emotional	EI ₁	0.804	0.835	18	6.075	20.740	20.740
Intelligence	EI_2		0.824		6.975	38.749	38.749
	EI ₃		0.827				
	EI ₄		0.839				
	EI ₅		0.802				
	EI ₆		0.810				
	EI ₇		0.762				
	EI ₈		0.796				
	EI ₉		0.812				
	EI ₁₀		0.799				
	EI ₁₁		0.804				
	EI ₁₂		0.816				
	EI ₁₃		0.807				
	EI ₁₄		0.829				
	EI ₁₅		0.817				
	EI ₁₆		0.817				
	EI ₁₇		0.799				
	EI ₁₈		0.812				

Turnover intention	TI ₁ TI ₂	0.829	0.810 0.762	3	2.646	66.144	66.144
mention	TI ₃		0.796 0.812				
Organizational	OC ₁	0.702	0.799	5			
Commitment	OC_2		0.804		5.897	45.364	45.364
	OC₃		0.816				
	OC ₄ OC ₅		0.807 0.829				
	OC5		0.823				

^{*}Note extraction method: Principal Component Analysis; Rotation Method: Varimax with Kaiser's Normalization; n = 80

4.4 Hypothesis Testing

The research model as shown in Figure 1 was tested using the Regression Analysis. The study had two hypotheses H_1 , H_2 and H_3 which were:

H₁: The level of emotional intelligence impacts turnover intention of faculty members.

Independent Variable: Emotional Intelligence (EI)

Dependent Variable: Turnover Intention (TI)

H₂: The level of emotional intelligence impacts organizational commitment of faculty members.

Independent Variable: Emotional Intelligence (EI)

Dependent Variable: Organizational Commitment (OC)

 ${\sf H}_3$ - There is a significant relation between the level of organizational commitment of faculty members and their turnover intention.

Independent Variable: Organizational Commitment (OC)

Dependent Variable: Turnover Intention (TI)

The regression models of the study can be written as:

Model1

$$y_1 = a + b_1(x_1)$$

 y_1 = Predicted Value of the dependent variable (Turnover Intention)

a = Constant

Model 2

 $y_2 = a + b_2(x_2)$

 y_2 = Predicted Value of the dependent variable (Organizational Commitment)

a = Constant

b2 = Slope of Variable 2 x2 = Variable 2 (Emotional Intelligence)

Model 3

 $y_3 = a + b_3 (x_3)$

 y_3 = Predicted Value of the dependent variable (Turnover intention)

a = Constant

b3 = Slope of Variable 3 x3 = Variable 3 (Organizational Commitment)

Table 7: Regression Results for research model

Model 1(Emotional Intelligence Turnover Intention)

Variable	Standardized Beta	t-value*	Significance	Remarks
Turnover Intention	-0.064	-1.698	0.090	Not Supported

*t -Value: A t statistic can be used to test the null hypothesis that no linear relationship exists between X and Y, or H_0 : $\beta = 0$, where t=b / SE_b . From the results of Table above, it is clear that Turnover Intention is not significant at 5 percent level of significance. The t-value= -1.698; null hypothesis is accepted which shows there is no linear relationship between Emotional Intelligence and Turnover Intention.

Implications of the result: the regression model 1 depicts that the hypothesis H1is disapproved according to this: The level of emotional intelligence does not impacts turnover intention of faculty members. Therefore, findings have demonstrated that the faculty members seem to have several other reasons that more strongly influence their intention to quit as compared to their level of emotional intelligence. Such factors have been indicated by many researchers.

The findings imply that a faculty who are high on emotional intelligence tends to experience reduction on turnover intentions from the organization and that a faculty who is low on an emotional intelligence scale tends to experience turnover intentions in a high magnitude. The

findings tally with Action Society Trust (1996) that reported that no significant correlation was found between withdrawal intentions from the organization and emotional intelligence.

Akinboye (2003) and Omole (2005) have studied the relationship between emotional intelligence and withdrawal intentions of employees from the organization their study reported that the relationship tends to positively moderate the two variables. The results were contrary to the present study that has not resulted in such a relationship.

Model 2 (Emotional Intelligence Organizational Commitment)

Variable	Standardized Beta	t-value*	Significance	Remarks
Organizational Commitment	0.294	7.836	0.000	Supported

*t –Value: A t statistic can be used to test the null hypothesis that no linear relationship exists between X and Y, or H_0 : $\beta = 0$, where t=b / SE_b . From the results of Table above, it is clear that Organizational Commitment is significant at 5 percent level of significance. The t-value= 7.836; null hypothesis is rejected which shows there is a linear relationship between Emotional Intelligence and Organizational Commitment. The value shows that EI of a faculty member has an impact on the level of organizational commitment. This result strengthen the findings of Carmeli (2003)

Model 3 (Organizational Commitment Turnover Intention)

Variable	Standardized Beta	t-value*	Significance	Remarks
Turnover Intention	-0.666	-2.261	0.000	Supported

*t -Value: A t statistic can be used to test the null hypothesis that no linear relationship exists between X and Y, or H_0 : $\beta = 0$, where $t = b/SE_b$. From the results of Table above, it is clear that Turnover Intention is significant at 1 percent level of significance. The t-value= -2.261; null hypothesis is rejected which shows there is a negative linear relationship between Organizational Commitment and Turnover Intention. This means that faculties with a higher degree of organizational commitment seem to present a lower intention to leave their organization. These findings are in support of the study conducted by Van Der Berghe and Trembley (2008) In which they tried to establish the relationship between OC and TI and found that affective commitment of an employee towards his organization helps in reducing TI and both the variables are inversely related.

CONCLUSION

The importance of EI in increasing the level of organizational commitment of employees has been demonstrated by this study. It is also apparent that those who are high on EI tend to become more committed towards their work. This commitment is experienced in the form of

achieving targets, having a good rapport with their colleagues in the work set-up, regular attendance, and active participation in day-to-day life activities, leading to less withdrawal intentions.

Study conducted by Jaeger (2003) reported that Emotional Intelligence is positively correlated with the academic performance.

As emotionally intelligent people know their emotions and know how to control them and know other person s emotions as well. Therefore, more emotionally intelligent teachers will be able to deal with their students more effectively and will be more committed to their organization. Such committed employees are true asset to any firm as the human resource of any organization is the only asset which cannot be imitated easily.

The other hypothesis of the study was rejected suggesting that emotional intelligence do not have a liner relationship with turnover intention the reason can be predicted as the desire to quit an organization is dependent on several factors like organizational related factors and individual based factors, since the level of emotional intelligence simply deals with individual factors and the organization factors are ignored hence it cannot be a true indicator of turnover intention.

Although the findings of this study are encouraging, still there were some limitations that should be considered for future studies for example the sample size was not too wide that the study could be generalized, more over effects of few extraneous variables like individual's age group, years of experience etc could be nullified by making this variable constant in future research. This could lead to more specific result. Future study and research considering the comparisons of emotional intelligence domains, with different method of data gathering from individuals or groups of employees such self report, self score, direct report, etc could result more detail in understanding of important role of each EI domain to each different segment of employees and group.

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