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## EMOTIONAL INTELLIGENCE AND ITS RELATIONSHIP TO EMPLOYABILITY SKILLS AND EMPLOYER SATISFACTION WITH FRESH ENGINEERING GRADUATES

### Article info:

Received 23.05.2019

Accepted 16.08.2019

UDC –xxxxxxxxx

DOI – 10.24874/IJQR 13.03-15

**Abstract:** The purpose of this research paper is to understand the role of employability skills and emotional intelligence toward employer satisfaction in recruiting fresh information technology engineering graduates from institutions of higher learning in India. Using a structured questionnaire, the study surveyed 507 employers from the information technology sector companies in India, who as recruiters conduct campus placement drives across various engineering schools in the country. An application of structured equation modeling to the data revealed emotional Intelligence partially mediates in the relationship between employability skills and employer satisfaction while recruiting these fresh engineering IT graduates. The finding of the study will be supportive for the students, academicians and practitioners in recognizing the need of soft skills for making young engineering graduates employable.

**Keywords:** IT graduates, employability skills, emotional intelligence and employer satisfaction.

## 1. Introduction

India is ahead in Information Technology sector and has drawn the attention of global business leaders for investing in the India (Singh and Shelly, 2017; Kearney, 2011; Dana, 2005). The prominent reasons for growth of outsourcing in India are low cost of operations which attract the developed nations to invest for outsourcing, urge of global competition, access to global market and availability of quality employability skills in the population (Kakabadse and Kakabadse, 2005; Pai and Basu, 2007; Dana, Etemad and Wright, 2000; Mittal et al., 2019 in press). FICCI and NASSCOM (2017) discussed in the report 'Future of skills and jobs in India'. India shares 24% in global online and the factors such as globalization,

demographics and industry 4.0/exponential technologies will be accountable for the need of new employability skills in the information technology sector Dana (2001). Hence, there will be good demand of engineering graduates with quality employability skills in India. There also will be good probabilities of new job openings for white collars in internet and exponential technologies related jobs which is also recognized as gig economy. Aspiring Minds (2016) India based company providing employability solution to worldwide multinational companies discussed in 'National employability report on engineers' that India has low rate of availability in employability skills among Information technology sector engineers. 18.43% of employability skills in software services, 3.21% of employability

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skills in development of software products and 39.84% of availability of employability skills for BPOs.

Knight and York (2003) considered employability skills as understandings, achievements and personal qualities that make the fresh engineering graduates to convince the employers with their abilities and ensure the selection in job. Knight and York (2003) state self-efficacy is to believe in self by graduates when facing the challenging circumstances and situations. Lumley and Wilkinson (2014) discussed Emotional intelligence concerns to self-efficacy of individuals, an ability to choose right option in making career decisions. Puffer (2011), Carson and Carson (1998) discussed that emotional intelligence has positive significant relationship with job experiences and emotional attachments to the job. Bandura (1997), Kanfer et al. (2001) and Van der Velde et al. (2003) discussed the significant role of self-efficacy in employability, self-efficacy relates to job search behavior and positive job outcomes. Coetzee and Beukes (2010) explain that an individual with ability to understand self-emotions and make their use effectively for career goals must have higher confidence level and high success rate in career, their findings of the research study also discussed about scarcity of research in recognizing the relationship between emotional intelligence and career anchors and how career anchors leads to employability satisfaction.

Employers like the graduates who can easily accommodate himself/herself in existing work culture, individual willingness to initiate their abilities and skills towards organizational goals and who can contribute in team with the innovative ideas (Harvey et al. 1997; Little, 2001). Employers appreciate the quality of deliberative thinking in graduates as this contributes to anticipate change (Harvey 1997). Salovey and Mayer (1990) explain in their model on emotional intelligence that emotional intelligence covers four mental processes First, understanding the social problem and

effective handling Second, recognizing the need of expression of emotions in self and for others Third, regulations of emotions Fourth, effective use of emotions to achieve personal and organizational goals. The ability of an individual to monitor and control emotions leads to gain of self – knowledge and helps in initiating the decisions Goleman (1998) and Brown et al. (2003). Present study is an earnest effort to understand employability skills, emotional intelligence as determinants for employer satisfaction in IT Sector - India.

## 2. Review of Literature

Mishra and Khurana (2017), Kalbande and Handa (2015) explained choosing right employability skills in engineering graduate cannot be ignored from global economy aspects. The findings of their study focus on six important employability skills in IT industry such as technical, cognitive, personal, social, generic and self-perceived skills. Mishra (2016) acknowledged that in India Engineering education impart knowledge, principles and professional practices to students. The researcher discussed about various types of employability skills required at workplace. The study findings recommend that engineering graduates must have good command over demonstrating skills as generic, personal presentation, technical, leadership, self-assessment and goal setting skills. Koka et al. (2015), Maran and Chandra Shekar (2015), Gowsalya and Kumar (2015) in the research study investigated the attributes of engineering students towards employer expectations for employability. The finding of study reveals, engineering graduates lack the understanding of employability skills during their course of graduation. Hence the requirements of soft skills in engineering graduates are high. Aziz and Pangil (2017), Matsouka and Mihail (2016), Jameson et al. (2016), Belagodu (2013) explained that employers favor the candidature of graduate for employability

who possessed high emotional intelligence. The finding shows the discrepancy between expectation of employers towards emotional intelligences and emotional intelligence possessed by the graduate employees. The researchers recommend the graduates to improve emotional intelligence to meet with employability skills standards of employers. Ahangar (2012), Varghese et al. (2013), Sadri (2012), Tan and Arnold (2012) acknowledged that individual with high emotional intelligence have more success than individual with low emotional intelligence, because individual with good emotional intelligence has good emotional self-awareness and can manage other people well, perform better under pressure and can adapt to organization change.

Lawrence (2006) discussed the importance of self-esteem in employability model. Self-esteem in educational psychology explains that individual's achievements are influenced by how he/she feels about self. Boussiakou, Boussiakou and Kalkani (2006) considered emotional intelligence as benchmark in human resources management practices followed for recruitment and selection of job aspirants. Employers' two benchmark priorities in recruitment and selection of college graduates are teamwork and communication (Bhavnani and Aldridge, 2000). Hidalgo et al. (2004), Quek (2005), Riemer (2003) acknowledged that earning technical expertise cannot affirm engineering graduates for better performance and successful career. Fresh engineering graduate with high emotional intelligence can better handle the work better because he/she is found to be competent in integrating technical and emotion concepts for analyzing the circumstances and initiating decisions. Palmer and Gignac (2012) affirmed emotional intelligence as increasingly validated predictor for job performance. Wong and Law (2002) considered that emotional intelligence significantly influence job satisfaction in spite of nature of job. According to Goleman (1995) emotional intelligence affects

individual's physical and mental state and career achievements. Dulewicz and Higgs (2000) acknowledged the significant effect of emotional intelligence in organization performance. Harvey (2001) considered that students during their graduation work laboriously to improve themselves in academic and do compromise with co-curricular activities, which affect their personality and they cannot groomed appropriately with the need of employability skills by employers. The blend of employability skills exists in competing with hard and soft skills both. Warn and Tranter (2001), Yorke (2001), Cherniss and Goleman (2001) state that while recruiting engineering graduates, employers show their interest in employable skills among graduates as personal and intellectual attributes which include subject knowledge, leadership quality, better communication skills, teamwork, problem analyzing skills and self-management. Seal et al. (2011), Gryn (2010), Chisholm (2010) considered that fresh engineering graduates are in the age group of 18- 24 years. During their graduation degree program, they must need to prepare for intellectual, social and emotional learning's in order to minimize negative career effects and for academic readiness, but it has been noticed that universities academic curriculum are least bothered about the demographic, social and emotional concept of students; they like to make them technically experts only.

H1: Emotional intelligence will be a significant mediator between employability skills and employer satisfaction in the context of recruiting fresh engineering graduates.

### 3. Theoretical Framework

Knight and Yorke (2004) in the USEM model discuss four interlocking components of employability as Understanding of subject, Skillful practices, Efficacy beliefs and Meta cognition. According to Bandura (1995) person with high EI understands the

feelings of others and makes an effective use of group dynamics in achieving the goals of an organization. JET model discusses the four factors such as Self-esteem, Autonomy and control, Grit and determination, Empathy in understanding EI towards employability model (Coppo and Plimmer, 2013).

#### 4. Research Methods

Descriptive research design was used in the research study followed by standardized survey questionnaire for primary data collection. Purposive sampling technique was used 507 employers of IT sector companies in India were chosen as respondents, who as recruiters conduct campus placement drive in the Public and Private Technical Institution and Universities for the recruitment and selection of B. Tech CSE/IT fresh engineering graduates except the -IIT's candidates for their company. The companies studied in the research study were MNCs and national IT companies, performing IT functions such as Information Technology Enabled Service/ Business Process Outsourcing, Development of software products, Information Technology services, Research and Development activities, Hardware and E-commerce. These companies are located in several parts of India with its operational branches and offices in Chennai, Kolkata, Delhi, Mumbai, Pune, Hyderabad, Delhi-NCR, Bengaluru, Coimbatore, Mysuru, Thiruvananthapuram, Madurai, Nagpur, Kochi, Gurugram, Noida, Chandigarh, Ahmadabad, Nellore and Vijayawada.

The companies in the capacity as employers assigned their delegates in two different capacities which is relevant to this research, one is to conduct campus placement drive for recruitment and selection of the B. Tech CSE/IT fresh engineering graduates for the IT sector, and another one is employing these selected graduates in the various projects and programs that the company executes and delivers for their customers.

Among the total 507 respondents 312 were Males and 195 were the Females. The Total sample size of 507 respondents is in conjunction with the studies of Israel (1992) and Hinkin (1995) researchers recommend the item to response ratios generally ranged more than 1:10. The respondents were Vice President, Sr. Director, Associate Director, HR Director, General Manager HR, Senior Executive HR, Associate Manager Delivery, Employee Relation Manager, Executive HR, Chief HR Officer, Assistant HR Manager, IT Project Manager, Chief IT officer, IT Administrator, Associate Architect, Zonal Operational Manager, Process Manager, Software Developer, Business Analyst-Team Leader, Deputy General Manager, Customer Service Team Leader and Leader Consultant. Total 43 items statements selected in the questionnaire.

Employability skills were measured using Blom and Saeki (2011), 24 item scale which included the three sub-constructs as Management Skills, Technical Skills and Communication Skills. Management Skills included 12 items, Technical Skills included 8 items and Communication Skill included 4 items. All the item statements were on Likert scale, scoring as '1' Strongly Disagree to '7' Strongly Agree.

The Emotional Intelligence was evaluated by following Wong and Law (2002), 16 items scale which included the four sub-constructs as Self-emotional appraisal, Other emotional appraisal, Regulation of emotion and Use of emotion. Self-emotional appraisal included 4 items, Other emotional appraisal 4 items, Regulation of emotion 4 items and Use of emotion 4 items. All the item statements were on Likert scale, scoring as '1' Strongly Disagree to '7' Strongly Agree.

The Employer Satisfaction was assessed by using Jeswani (2016), 3 items scale. All the item statements were on the Likert scale, scoring as '1' Strongly Disagree to '7' Strongly Agree. All the respondents took time of about 45 minutes to fill the survey questionnaire. The purpose of the research



study was made clear to all the respondents. The respondents were instructed to fill the survey questionnaire remembering the recent years 2016 to 2018 status of employer satisfaction in reference to the employability skills and emotional intelligence. This is to get the latest information on the topic of interest.

## 5. Results and Discussion

H1: Emotional intelligence will be a significant mediator between employability skills and employer satisfaction in the context of recruiting fresh engineering graduates.

The collected was analyzed using structure equation modeling using the software's SPSS 21.0 and AMOS 20.0. SEM concentrates more on confirmatory factor analysis. SEM follows the multiple regression and path analyses to explore latent variable relationship. CFA Confirmatory Factor Analysis measures the reliability and validity of the constructs.

**Table 1.** Reliability and Validity measures for the Employability Skills and Employer Satisfaction

Note: MS-Management Skills, TS- Technical Skills, CS-Communication Skills, ES-Employer Satisfaction AVE - average variance extracted, ASV -average shared variance, MSV - maximum hared variance, CR - composite reliability.

Construct	Indicators	AVE	MSV	ASV	CR	Factor Loading	Cronbach Alpha
	MS1					.722	
	MS2					.816	
	MS3					.765	
	MS4					.811	
	MS5					.782	
MS	MS6	0.649	0.011	0.006	0.957	.834	0.956
	MS7					.829	
	MS8					.776	
	MS9					.851	
	MS10					.789	
	MS11					.813	
	MS12					.867	
	TS1					.704	

Reliability score shows the consistency in the data obtained from the respondents. Reliability can be measured with Cronbach alpha whose measuring values vary from 0 to 1 Hatcher (1994). Validity is assurance about the instrument for measuring the accuracy of an item statement content which is of high interest (Hair et al., 2011). Table 1 Discuss the reliability and validity measures for the Employability Skills and Employer Satisfaction.

Reliability measure on Cronbach alpha between 0 and 1 for Employability Skills and Employer Satisfaction are discussed in Table 1 which shows 'Management Skills' with 0.956, 'Technical Skills' with 0.943, 'Communication Skills' with 0.886 and 'Employer Satisfaction' with 0.820 value. All reported values confirm good reliability.

Composite reliability in Table 1 for 'Management Skills' with 0.957, 'Technical Skills' with 0.944, 'Communication Skills' with 0.889 and 'Employer Satisfaction' with 0.828 value. All reported values are above .70 and confirm good composite reliability.

**Table 1.** Reliability and Validity measures for the Employability Skills and Employer Satisfaction (Continued)

Construct	Indicators	AVE	MSV	ASV	CR	Factor Loading	Cronbach Alpha
	TS2					.846	
	TS3					.879	
TS	TS4	0.681	0.035	0.018	0.944	.846	0.943
	TS5					.883	
	TS6					.804	
	TS7					.838	
	TS8					.788	
	CS1					.794	
CS	CS2	0.668	0.017	0.012	0.889	.821	0.886
	CS3					.863	
	CS4					.789	
	ES1					.797	
ES	ES2	0.617	0.035	0.016	0.828	.847	0.820
	ES3					.706	

Convergent validity confirms when all the standardized items factor loadings should be above .70 (Hair et al., 2010). Table 1 shows factor loadings values varies maximum with item statement 'TS 5' .883 to minimum with item statement 'TS1' .704. All the factor loadings in Table 1 for 'Management Skills', 'Technical Skills', 'Communication Skills' and 'Employer Satisfaction' are above .70 and confirms the Convergent validity. Hair et. al., (2010) explain to measure the Convergent validity, CR to be above .7 and must be greater than AVE, AVE must be above .5, Discriminant validity assessed when MSV should be less than AVE and ASV to be less than AVE. All AVE's were reported more than 0.5 in Table 1 and were

higher from MSV and ASV. Hence meet to the condition of discriminant validity also. CFA measure for Employability Skills and Employer Satisfaction signified good model fit indices with the values  $\chi^2 / df = 2.77$ , CFI = .943, GFI = .874, AGFI=.850, NFI = .913 and RMSEA= .061. Recommended values for goodness of fit Indices are  $\chi^2 / df = < 3.0$  (Kline,1998), CFI should be greater than or equal to .90, GFI should be greater than or equal to .90, AGFI should be greater than or equal to .90 (Bentler 1990), NFI be should greater than or equal to .90 and RMSEA < .05. Hence CFA model of Employability Skills and Employer Satisfaction can further be tested for structural relationship.

**Table 2.** Reliability and Validity measures for the Emotional Intelligence

Note: SEA- Self-emotional appraisal, OEA - Other emotional appraisal, ROE- Regulation of emotion, UOE- Use of emotion

Construct	Indicators	AVE	MSV	ASV	CR	Factor Loading	Cronbach Alpha
	SEA1					.838	
SEA	SEA2	0.632	0.060	0.035	0.871	.916	0.871
	SEA3					.698	
	SEA4					.707	

**Table 2.** Reliability and Validity measures for the Emotional Intelligence (Continued)

Construct	Indicators	AVE	MSV	ASV	CR	Factor Loading	Cronbach Alpha
	OEA1					.745	
OEA	OEA2	0.641	0.031	0.012	0.877	.801	0.876
	OEA3					.866	
	OEA4					.787	
	ROE1					.745	
ROE	ROE2	0.695	0.042	0.028	0.901	.866	0.899
	ROE3					.885	
	ROE4					.832	
	UOE1					.715	
UOE	UOE2	0.638	0.060	0.024	0.875	.839	0.870
	UOE3					.850	
	UOE4					.783	

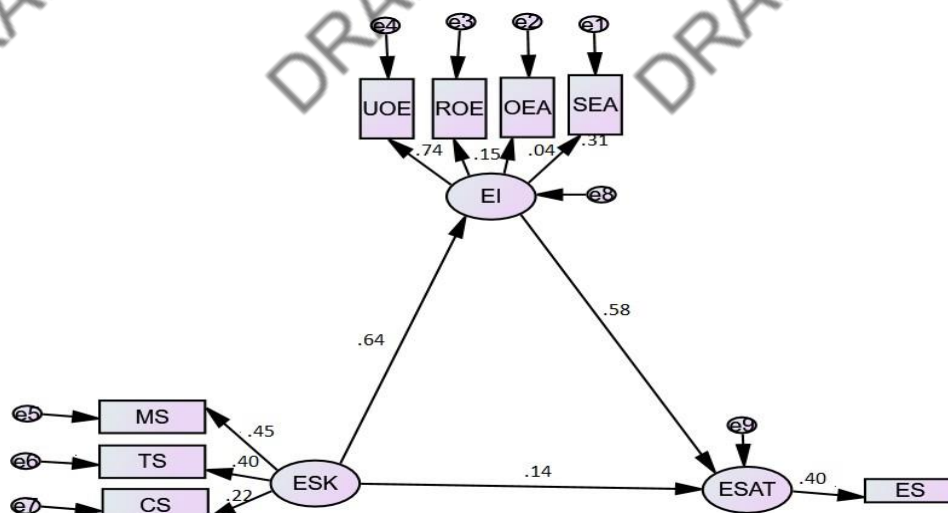
Cronbach alpha measure for reliability between 0 and 1 for Emotional Intelligence are discussed in Table 2 which shows ‘Self – Emotional Appraisal’ with 0.871, ‘Other Emotional Appraisal’ with 0.876, ‘Regulation of Emotion’ with 0.899 and ‘Use of Emotion’ with 0.870 value. All the reported values confirm good reliability.

Composite reliability in Table 2 for ‘Self – Emotional Appraisal’ with 0.871, ‘Other Emotional Appraisal’ with 0.877, ‘Regulation of Emotion’ with 0.901 and ‘Use of Emotion’ with 0.875 value. All the reported values are above .70 and confirm the good composite reliability.

Convergent validity in Table 2 shows factor loadings values varies maximum with item statement ‘SEA 2’ .916 to minimum with item statement ‘.698’. All factor loadings are good and above .70 or very close to that. Hence confirms the convergent validity. All AVEs value in Table 2 are more than .5 and are above MSV and ASV. Hence confirms discriminant validity also. CFA measure for

Emotional Intelligence signified good model fit indices with the values  $\chi^2 / df = 2.46$ , CFI = .967, GFI = .943, AGFI=.921, NFI = .945 and RMSEA= .055.Hence CFA model of Emotional Intelligence can further be tested for structural relationship.

Mediation shows the causal relationship in the form of a model which explains the process of cause and effect of ‘why’ and ‘how’ such relationship happens with an effort to recognize the intermediary process where independent variable affects the dependent variable. (Muller et al.2005; Frazier et al. 2004; Rose et al. 2004; Wengener and Fabrigar 2000; Baron and Kenny 1986). Mediation effect of structural model in Figure 1 was assessed with an SPSS PROCESS macro and AMOS to examine the indirect effect of independent variable in the presence of a mediator Hayes(2013). Bootstrapping reinforce the indirect effect in mediation with additional features (Preacher and Hayes (2008), Baron and Kenney (1986).



**Figure 1.** Direct effects of Employability skills on Employer Satisfaction in the presence of mediating construct Emotional Intelligence

Note: EI- Emotional Intelligence, SEA - Self –Emotional Appraisal, OEA-Other Emotional Appraisal, ROE- Regulation of Emotion, UOE-Use of Emotion, MS-Management Skills, TS- Technical Skills, CS-Communication Skills, ESK -Employability Skills ESAT-Employer Satisfaction

**Table 3.** Regression outcomes for direct and indirect effect of Employability Skills on Employer Satisfaction in the presence of mediating construct Emotional Intelligence

Note: ESK=Employability Skills, EI= Emotional Intelligence, ESAT= Employer Satisfaction, N= 507, Bootstrap sample size = 2000, BC= Bias corrected, CI= confidence interval,  $\beta$ = standardized regression estimate, SE= standard error, CR= critical ratio,  $p$ = level of significance

Bootstrapping							
BC 95% CI							
Bootstrap result for Direct and Total Effect	B	SE	CR	Lower	Upper	$p$	Results
The Total Effect (c) of ESK on ESAT	0.573	0.042	7.231	0.479	0.783	.000	Supported
The Direct Effect (a) of ESK on EI	0.643	0.053	6.305	0.520	0.755	.001	Supported
The Direct Effect (b) of EI on ESAT	0.582	0.043	6.554	0.680	0.874	.000	Supported
The Direct Effect (c') of ESK on ESAT	0.141	0.032	5.504	0.323	0.543	.000	Supported
Bootstrap result for indirect effect	Effect	SE	CR	Lower	Upper	$p$	
The Indirect effect (ab) of ESK on ESAT	0.432	0.033	6.411	0.437	0.812	.001	Supported

Figure 1 and Table 3 shows the Regression outcomes for direct and indirect effect of Employability Skills on Employer Satisfaction in the presence of mediating construct Emotional Intelligence. The level of significance set at 0.05. The mediation was assured by bootstrap estimates on 2,000 bootstrap samples. Results in Table 3 shows

that Emotional Intelligence mediates between relationship of Employability Skills and Employer Satisfaction. The total (direct) effect c of Employability skills on Employer Satisfaction was significant  $\beta = 0.573$ ,  $SE = 0.042$ ,  $p = .000$  and direct effect c' of Employability Skills on Employer Satisfaction was significant with reduced



effect  $\beta = 0.141$ ,  $SE = 0.032$ ,  $p = .000$ . Therefore, we have a pattern consistent with mediation difference between the total (direct) effect  $c$  of Employability Skills on Employer Satisfaction and direct effect  $c'$  of Employability Skills on Employer Satisfaction is the indirect (mediated) effect of Employability Skills on Employer Satisfaction, with a point estimate of 0.423,  $SE = 0.03$ ,  $p = .001$  was significant and 95% BC, bootstrap CI of 0.437 to 0.812 did not contain zero value and  $p$  value is significant less than .05 Hence, Emotional Intelligence partially mediated the relationship of Employability Skills on Employer Satisfaction as shown in the Figure 1. Structural Model Fit Indices Figure 1 of Employability Skills, Emotional Intelligence and Employer Satisfaction signified a good model fit with  $\chi^2 / df = 2.84$ , CFI = .910, GFI = .913, AGFI=.857, NFI = .867 and RMSEA= .024.

## Discussion

The literature on Employability skills concerns to emotional intelligence, self-efficiency and personal attributes among graduates shows skills deficiency Tran (2016); Feldmann (2015); Jackson(2015); Rateau, Broyles, Fowler and Robinson(2011); Pillai (2009); Dacre Pool and Sewell (2007); Knight and Yorke (2003), Jain and Jain (2013); Nauta, Vianen, Heijden, Dam and Willemsen (2009); Brown, Cober, Kane, Levy and Shalhoop (2006); Finch, Peacock, Lazdowski and Hwang (2015); Dacre Pool and Qualter (2012); Kirk, Schutte and Hine (2008). Dacre Pool, Qualter and Sewell (2014) state that very few models in previous research studies tested broad concepts of employability among graduates for job readiness, researchers recommend the need to include theme in the model. The present study with its earnest efforts has tested Emotional Intelligence as mediator between the relationship of Employability Skills and Employer Satisfaction in recruiting Fresh

Engineering Graduates in IT Sector of India. Emotional Intelligence has shown significant mediation effect. Beukes (2010) findings shows Emotional Intelligence is significantly related to graduate employability, Apart from academic qualification employer prefers emotional intelligence, client service and computer skills in the graduates.

Mousavi et al. (2012), Kreitz (2009), Serat (2009), Hernon et al., (2007), Hopper (2005), Zeidner et al., (2004), Goleman, (1998), Salovey and Mayer (1990), Goleman (1998) explained the significant relationship of emotional intelligence with productivity, commitment and job outcomes. Goleman theory (1998) emphasize the four factor such as self-awareness, social interactions, self-management and relationship building approach are crucial in managing emotional intelligence. Hernon et al., (2007) recognized emotional intelligence as significant skills to understand the feelings, moods and social interaction of the others at workplace. Bande et al., (2015); Cullen et al., (2014); Nesbit and Lam (2014); Pulakos et al., (2000) consider emotional intelligence as an important factor for organization performance and customer satisfaction. Singh et al., (2017) had put the efforts to understand the determinants of employability skills from employer perspective, the research findings shows that knowledge, emotional intelligence, personality factors, innovative practices followed and self-efficacy are the significant determinant, researchers recommend the role self-assessment of employability skills by graduates play a vital role in their personal and professional development.

Bar-On (2006) discussed emotional intelligence as managing social and emotional skills to recognize self, expressing self, understand emotions of others, and deal with life challenges. Job performance enhanced when one is in optimistic state and recognizes his/her abilities to manage social and emotional skills (Moon and Hur, 2011). People with good emotional intelligence skills were able to manage life challenges

and workplace obstacles (Slaski and Cartwright, 2003).

Sy et al, (2006), Wong and Law (2002), Villard (2004), Patra (2004), Cooper and Sawaf, (1997), Johnson and Indvik (1999) research findings discussed High Emotional Intelligence individual at work place has high level of Job Satisfaction and can contribute high to the productivity and organization development.

Law et al., (2008); Mikolajczak et al., (2007); Zhou and George, (2003); Carmelli, (2003); Bar On et.al., (2000); Dulewitz and Higgs, (1999) and Scott – Halsel et. al., (2008) found an individual with High Emotional Intelligence has good leadership qualities, creativity and career achievements.

Nair et al. (2009) discussed the need of employability skills in engineering graduate from employer satisfaction perspectives and found emotional intelligence, communication, decision initiating skills, knowledge of social ethics are important but found they are missing in Indian engineering graduates. Koka and Raman (2015), Kulkarni and Chachadi (2014) shared communication skills, interpersonal skills, problem analyzing skills were the most required expectations of top IT companies in fresh engineering graduates in their employability skills requirements. Padhi, (2014) shared the views of former president Dr. APJ Abdul Kalam in which The President had addressed in the meeting of Vice chancellors in the association of Indian universities he had mentioned that Indian graduates are lacking in technical skills, English proficiency and critical thinking.

Mitra (2011) and Dearing (1997) shared English language is the way which the graduates need to understand for its significance in communication. Beside the learning's of technical concepts of engineering, math and science. The smart spoken, and written knowledge of English is a must for the graduates. English is an international language. In India, English is the official language but still many of them

do not officially speaking well in the IT sector. It was found even the top officials in Human Resource Departments of IT sector are lacking to communicate in English. This is because of the dominancy of local languages accent in India. Patil (2013) found English as a career booster for graduates' employability skills from employer satisfaction aspects.

Washer (2007) and Shafie et. al, (2010) recommend for employer satisfaction regarding employability skills of graduates, it is imperative that educational institutions and universities must design their undergraduate curriculum contemplating the need of employers for soft skills.

## 6. Conclusion

Emotional Intelligence partially mediates in the relationship of Employability Skills and Employer Satisfaction in recruiting the Fresh Engineering IT graduates.

## 7. Practical Implications

The research study findings show that emotional intelligence as the significant mediator in the relationship of employability skills and employer satisfaction while recruiting the fresh engineering graduates in the IT sector of India. The present finding will be supportive for the academicians in designing the course curriculum concerning the need of soft skills for engineering or other graduates in Indian universities and institutions. The finding will also be useful for the employers who are investing in India for outsourcing, because the study gives the idea about the competencies and employability skills of Indian graduates. The study also highlights the gaps between education and industry sector in identifying the employability skills in the graduates.

## 8. Limitations and Future Scope

Data were collected from employers and

they were enquired about fresh engineering IT graduates for their employability skills and emotional intelligence. However, IT companies in India beside FEG also recruit other degree graduates such as BCA and BSC (IT) etc., which were not included in the study. Hence for the study on IT sector more generalized and holistic outcomes may be generated, if all such graduate's degree courses are also considered.

The study has examined employability skills with the sub-factors as management skills, technical skills and communication skills. Emotional Intelligence with sub-factors as self-emotional appraisal, other emotional appraisal, regulations of emotion and use of emotion for employer satisfaction in IT sector. However, to generalize more better results on IT sector. Future scope of study is recommended to include more dimensions

for employability skills and emotional intelligence as planning and organizing, problem solving, self-management, learning, initiatives, stress handling and ability to adapt the change process.

The research study has collected the data by following the close ended questions using Likert scale options which had made respondents to answer the questions accordingly. However, if mixed approach was followed, following both quantitative and qualitative methods with some open-ended questions could have generalized more results for understanding the concept.

**Acknowledgment:** The Authors acknowledge thanks to the Doctoral Research Centre, Chitkara Business School, Chitkara University, Punjab, India for their support.

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